

# Measles/Rubella Weekly Bulletin



Comprehensive Family Immunization Project/Family and Community Health Area

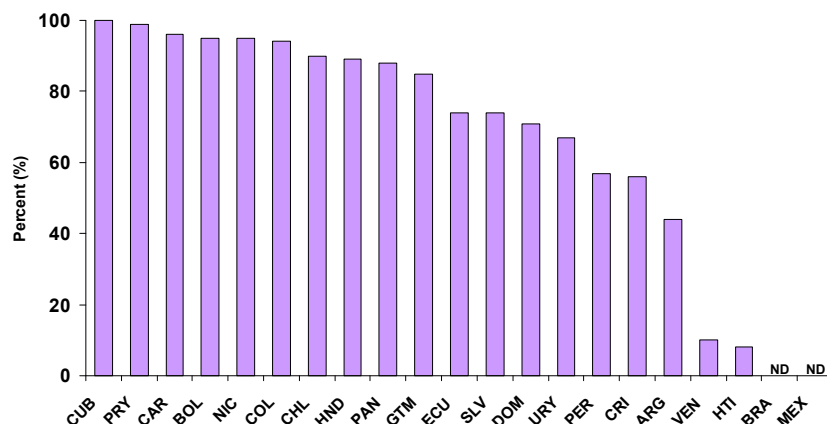
## Measles and Rubella Surveillance in the Americas

Vol. 19, No. 3

Week ending 19 January 2013



### Percent of Laboratory Results for Suspected Measles/Rubella Cases Reported in ≤4 Days Region of the Americas, 2012



Source: Country reports to FCH/IM  
ND – No data received; data as of 24 January 2013.

Table.1  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-03, 2013

| Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-52, 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 | ...              | ...                    | ...  | ...   | 2000/40                           | ...                    | ...  | ...   | 2006/03                           | ...                               | ...    | ...                         | ...   | ...  | ...                           |         |
|                                                                                                                             | COL | 0                | 0                      | 0    | 0     | 2012/05                           | 0                      | 0    | 0     | 2012/42                           | 0                                 | 0      | 1                           | 0     | 0    | 2005/34                       |         |
| BRA                                                                                                                         | ECU | ...              | ...                    | ...  | ...   | 2012/28                           | ...                    | ...  | ...   | 2004/45                           | ...                               | ...    | ...                         | ...   | ...  | ...                           |         |
|                                                                                                                             | PER | ...              | ...                    | ...  | ...   | 2008/18                           | ...                    | ...  | ...   | 2006/45                           | ...                               | ...    | ...                         | ...   | ...  | 2007/16                       |         |
|                                                                                                                             | VEN | 0                | 0                      | 0    | 0     | 2012/16                           | 0                      | 0    | 0     | 2007/51                           | 0                                 | 0      | 0                           | 0     | 0    | ...                           |         |
|                                                                                                                             | BRA | 19               | 0                      | 0    | 0     | 2012/02                           | 0                      | 0    | 0     | 2009/41                           | 0                                 | 6      | 1                           | 0     | 0    | 2009/34                       |         |
|                                                                                                                             | CAP | ...              | ...                    | ...  | ...   | 2005/22                           | ...                    | ...  | ...   | 2001/42                           | ...                               | ...    | ...                         | ...   | ...  | ...                           |         |
|                                                                                                                             | GTM | 0                | 0                      | 0    | 0     | 1998/05                           | 0                      | 0    | 0     | 2006/30                           | 0                                 | 0      | 0                           | 0     | 0    | 2005/00                       |         |
|                                                                                                                             | HND | 0                | 0                      | 0    | 0     | 1997/29                           | 0                      | 0    | 0     | 2004/11                           | 0                                 | 0      | 6                           | 0     | 0    | 2001/00                       |         |
|                                                                                                                             | NIC | 5                | 0                      | 0    | 0     | 1994/14                           | 0                      | 0    | 0     | 2004/19                           | 0                                 | 5      | 0                           | ...   | ...  | 2005/00                       |         |
|                                                                                                                             | PAN | 7                | 0                      | 0    | 0     | 2011/20                           | 0                      | 0    | 0     | 2002/48                           | 0                                 | 7      | 0                           | ...   | ...  | ...                           |         |
|                                                                                                                             | SLV | ...              | ...                    | ...  | ...   | 2001/19                           | ...                    | ...  | ...   | 2006/30                           | ...                               | ...    | ...                         | ...   | ...  | 2001/00                       |         |
| CAR                                                                                                                         | CAR | ...              | ...                    | ...  | ...   | 2011/48                           | ...                    | ...  | ...   | 2008/18                           | ...                               | ...    | ...                         | ...   | ...  | 1999/00                       |         |
|                                                                                                                             | CUB | 1                | 0                      | 0    | 0     | 1993/27                           | 0                      | 0    | 0     | 2004/06                           | 0                                 | 1      | 0                           | 0     | ...  | ...                           |         |
| LAC                                                                                                                         | DOM | 0                | 0                      | 0    | 0     | 2011/18                           | 0                      | 0    | 0     | 2006/44                           | 0                                 | 0      | 0                           | 0     | ...  | ...                           |         |
|                                                                                                                             | GLP | 0                | 0                      | 0    | 0     | 2011/28                           | 0                      | 0    | 0     | ...                               | 0                                 | 0      | 0                           | 0     | ...  | 2005/00                       |         |
|                                                                                                                             | GUF | 0                | 0                      | 0    | 0     | 2011/26                           | 0                      | 0    | 0     | 2010/06                           | 0                                 | 0      | 0                           | 0     | ...  | ...                           |         |
|                                                                                                                             | HTI | 0                | 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     | ...  | ...                           |         |
|                                                                                                                             | PRI | ...              | ...                    | ...  | ...   | ...                               | ...                    | ...  | ...   | ...                               | ...                               | ...    | ...                         | ...   | ...  | ...                           |         |
|                                                                                                                             | MEX | MEX              | 2                      | 0    | 0     | 0                                 | 2011/12                | 0    | 0     | 0                                 | 2012/XX                           | 0      | 0                           | 0     | ...  | ...                           | ...     |
|                                                                                                                             | NOA | CAN              | ...                    | 0    | 0     | 0                                 | 2012/40                | ...  | ...   | ...                               | 2012/03                           | ...    | ...                         | ...   | ...  | ...                           | ...     |
|                                                                                                                             | USA | ...              | 0                      | 0    | 0     | 2012/38                           | ...                    | ...  | ...   | 2012/34                           | ...                               | ...    | ...                         | ...   | ...  | ...                           | ...     |
|                                                                                                                             | SOC | ARG              | ...                    | ...  | ...   | ...                               | 2012/20                | ...  | ...   | ...                               | 2011/20                           | ...    | ...                         | ...   | ...  | ...                           | 2009/27 |
|                                                                                                                             | CHL | 1                | 0                      | 0    | 0     | 2011/25                           | 0                      | 0    | 0     | 2011/25                           | 0                                 | 1      | 0                           | 0     | 0    | ...                           |         |
|                                                                                                                             | PRY | 35               | 0                      | 0    | 0     | 1998/44                           | 0                      | 0    | 0     | 2005/21                           | 0                                 | 34     | 0                           | 0     | 0    | 2003/06                       |         |
|                                                                                                                             | URY | ...              | ...                    | ...  | ...   | 1999/08                           | ...                    | ...  | ...   | 2001/37                           | ...                               | ...    | ...                         | ...   | ...  | ...                           |         |
| TOTAL                                                                                                                       |     | 70               | 0                      | 0    | 0     | --                                | 0                      | 0    | 0     | --                                | 0                                 | 54     | 8                           | 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 01-03, 2013

| Subregion and Country | Measles |    |     |   | Rubella |    |     |   |
|-----------------------|---------|----|-----|---|---------|----|-----|---|
|                       | I       | IR | CAC | U | I       | IR | CAC | U |
| AND                   |         |    |     |   |         |    |     |   |
| BOL                   |         |    |     |   |         |    |     |   |
| COL                   |         |    |     |   |         |    |     |   |
| ECU                   |         |    |     |   |         |    |     |   |
| PER                   |         |    |     |   |         |    |     |   |
| VEN                   |         |    |     |   |         |    |     |   |
| BRA                   |         |    |     |   |         |    |     |   |
| CAP                   |         |    |     |   |         |    |     |   |
| CRI                   |         |    |     |   |         |    |     |   |
| GTM                   |         |    |     |   |         |    |     |   |
| HND                   |         |    |     |   |         |    |     |   |
| NIC                   |         |    |     |   |         |    |     |   |
| PAN                   |         |    |     |   |         |    |     |   |
| SLV                   |         |    |     |   |         |    |     |   |
| CAR                   |         |    |     |   |         |    |     |   |
| LAC                   |         |    |     |   |         |    |     |   |
| CUB                   |         |    |     |   |         |    |     |   |
| DOM                   |         |    |     |   |         |    |     |   |
| GLP                   |         |    |     |   |         |    |     |   |
| GUF                   |         |    |     |   |         |    |     |   |
| HTI                   |         |    |     |   |         |    |     |   |
| MTQ                   |         |    |     |   |         |    |     |   |
| PRI                   |         |    |     |   |         |    |     |   |
| MEX                   |         |    |     |   |         |    |     |   |
| NOA                   |         |    |     |   |         |    |     |   |
| CAN                   |         |    |     |   |         |    |     |   |
| USA                   |         |    |     |   |         |    |     |   |
| SOC                   |         |    |     |   |         |    |     |   |
| ARG                   |         |    |     |   |         |    |     |   |
| CHL                   |         |    |     |   |         |    |     |   |
| PRY                   |         |    |     |   |         |    |     |   |
| URY                   |         |    |     |   |         |    |     |   |
| <b>TOTAL</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 01-03, 2013

| Country      | Pending Cases 2012 | Cumulative 2013 | Week of Onset |          |          |  |  |  |              |
|--------------|--------------------|-----------------|---------------|----------|----------|--|--|--|--------------|
|              |                    |                 | 1             | 2        | 3        |  |  |  | % Pend.Cases |
| BOL          | 6                  | ...             | ...           | ...      | ...      |  |  |  | ...          |
| COL          | 44                 | 0               | 0             | 0        | 0        |  |  |  | 0            |
| ECU          | 78                 | ...             | ...           | ...      | ...      |  |  |  | ...          |
| PER          | 3                  | ...             | ...           | ...      | ...      |  |  |  | ...          |
| VEN          | 57                 | 0               | 0             | 0        | 0        |  |  |  | 0            |
| BRA          | 615                | 0               | 0             | 0        | ...      |  |  |  | 0            |
| CRI          | 3                  | ...             | ...           | ...      | ...      |  |  |  | ...          |
| GTM          | 0                  | 0               | 0             | 0        | 0        |  |  |  | 0            |
| HND          | 2                  | 0               | 0             | 0        | 0        |  |  |  | 0            |
| NIC          | 0                  | 0               | 0             | 0        | 0        |  |  |  | 0            |
| PAN          | 0                  | 0               | 0             | 0        | 0        |  |  |  | 0            |
| SLV          | ...                | ...             | ...           | ...      | ...      |  |  |  | ...          |
| CAR          | 32                 | ...             | ...           | ...      | ...      |  |  |  | ...          |
| CUB          | 0                  | 0               | 0             | 0        | 0        |  |  |  | 0            |
| DOM          | 0                  | 0               | 0             | 0        | ...      |  |  |  | 0            |
| GLP          | 0                  | 0               | 0             | 0        | 0        |  |  |  | 0            |
| GUF          | 0                  | 0               | 0             | 0        | 0        |  |  |  | 0            |
| HTI          | 131                | 0               | 0             | 0        | 0        |  |  |  | 0            |
| MTQ          | 0                  | 0               | 0             | 0        | 0        |  |  |  | 0            |
| PRI          | ...                | ...             | ...           | ...      | ...      |  |  |  | ...          |
| MEX          | 163                | 0               | 0             | 0        | ...      |  |  |  | 0            |
| CAN          | ...                | ...             | ...           | ...      | ...      |  |  |  | ...          |
| USA          | ...                | ...             | ...           | ...      | ...      |  |  |  | ...          |
| ARG          | 172                | ...             | ...           | ...      | ...      |  |  |  | ...          |
| CHL          | 1                  | 0               | 0             | 0        | 0        |  |  |  | 0            |
| PRY          | 2                  | 1               | 1             | 0        | 0        |  |  |  | 3            |
| URY          | 0                  | ...             | ...           | ...      | ...      |  |  |  | ...          |
| <b>TOTAL</b> | <b>1309</b>        | <b>1</b>        | <b>1</b>      | <b>0</b> | <b>0</b> |  |  |  | <b>1</b>     |

... No report received

Table 4.

Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-03, 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 (2012/04-2013/03) |                 |
|---------------------------|-----|------------------------|-------------|-------------------------------------|------------------------------|------------------------------------------|------------------------|---------------------------------------------------------|-----------------|
|                           |     | Total Units            | % This Week |                                     |                              |                                          |                        | Measles/Rubella (100,000 pop.)                          | CRS (10,000 lb) |
| AND                       | BOL | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | 1.6                                                     | 0.4             |
|                           | COL | 5024                   | 89          | 0                                   | 100                          | 100                                      | 100                    | 3.9                                                     | 2.7             |
|                           | ECU | 2184                   | ...         | ...                                 | ...                          | ...                                      | ...                    | 10.5                                                    | 0.5             |
|                           | PER | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | 1.0                                                     | 0.0             |
|                           | VEN | 13092                  | 0           | 0                                   | 0                            | 0                                        | 0                      | 2.0                                                     | 0.0             |
| BRA                       | BRA | 270                    | 76          | 99                                  | ...                          | 99                                       | ...                    | 0.3                                                     | 0.4             |
| CAP                       | CRI | 57                     | ...         | ...                                 | ...                          | ...                                      | ...                    | 0.6                                                     | 0.0             |
|                           | GTM | 1506                   | 0           | 0                                   | 0                            | 0                                        | 0                      | 2.5                                                     | 0.0             |
|                           | HND | 469                    | 89          | 0                                   | 0                            | 0                                        | 0                      | 1.2                                                     | 5.3             |
|                           | NIC | 185                    | 100         | 100                                 | 100                          | 100                                      | 100                    | 2.1                                                     | 0.0             |
|                           | PAN | 217                    | 88          | 71                                  | 100                          | 57                                       | 100                    | 3.6                                                     | 0.1             |
|                           | SLV | 893                    | ...         | ...                                 | ...                          | ...                                      | ...                    | 6.1                                                     | 10.2            |
| CAR                       | CAR | 752                    | ...         | ...                                 | ...                          | ...                                      | ...                    | 6.6                                                     | 0.0             |
| LAC                       | CUB | 150                    | 100         | 100                                 | 100                          | 100                                      | 100                    | 11.1                                                    | 0.0             |
|                           | DOM | ...                    | ...         | 0                                   | 0                            | 0                                        | 0                      | 0.9                                                     | 0.0             |
|                           | GLP | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | 1.1                                                     | ...             |
|                           | GUF | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | 5.8                                                     | ...             |
|                           | HTI | 100                    | 91          | 0                                   | 0                            | 0                                        | 0                      | 1.3                                                     | 0.1             |
|                           | MTQ | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | 0.5                                                     | ...             |
|                           | PRI | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | ...                                                     | ...             |
| MEX                       | MEX | 11138                  | 0           | 0                                   | 0                            | 0                                        | 0                      | 3.9                                                     | 0.0             |
| NOA                       | CAN | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | ...                                                     | ...             |
|                           | USA | ...                    | ...         | ...                                 | ...                          | ...                                      | ...                    | ...                                                     | ...             |
| SOC                       | ARG | 779                    | 0           | 0                                   | 0                            | 0                                        | 0                      | 0.6                                                     | 1.6             |
|                           | CHL | ...                    | ...         | 40                                  | 40                           | 100                                      | 100                    | 0.8                                                     | 4.2             |
|                           | PRY | 872                    | 89          | 71                                  | 100                          | 100                                      | 97                     | 10.8                                                    | 0.0             |
|                           | URY | 155                    | ...         | ...                                 | ...                          | ...                                      | ...                    | 0.3                                                     | 0.0             |
| <b>Total and Average*</b> |     | <b>37843</b>           | <b>89</b>   | <b>70</b>                           | <b>98</b>                    | <b>100</b>                               | <b>97</b>              | <b>2.1</b>                                              | <b>0.8</b>      |

\*Weighted

... No report received