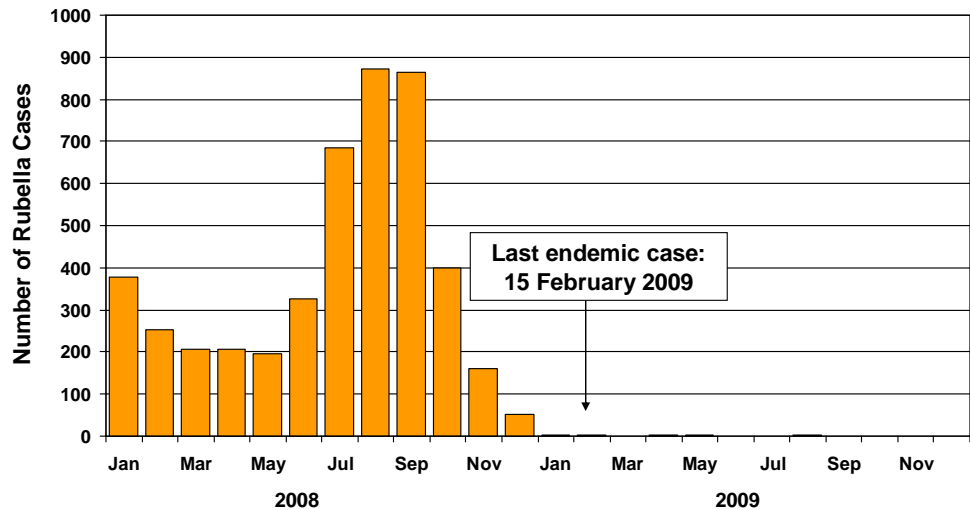




## Monthly Distribution of Confirmed Rubella Cases, The Americas, 2008-2009\*

**One year with no endemic rubella transmission in the Americas!**

15 February 2009 was the rash onset date of the last confirmed endemic rubella case in the Americas. This case was in a 1-year old girl in the Buenos Aires Province, Argentina. No other cases were identified thereafter in spite of active case searches.



\*Data until 18 February 2010. Data reported by US for 2009 is provisional.

Source: Country reports to FCH/IM, PAHO.

**Table.1**  
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-06, 2010

| Subregion and Country | Suspect Cases 2010 | Measles Confirmed 2010 |      |       | Year/Week Last Confr. Measles Case | Rubella Confirmed 2010 |      |       | Year/Week Last Confr. Rubella Case | Diagnosis of Discarded Cases 2010 |       | Congenital Rubella Syndrome |       | CRI * |     |
|-----------------------|--------------------|------------------------|------|-------|------------------------------------|------------------------|------|-------|------------------------------------|-----------------------------------|-------|-----------------------------|-------|-------|-----|
|                       |                    | Clinic.                | Lab. | Total |                                    | Clinic.                | Lab. | Total |                                    | Dengue                            | Other | Suspect                     | Conf. |       |     |
| AND                   | BOL                | 4                      | 0    | 0     | 00/40                              | 0                      | 0    | 0     | 06/03                              | 0                                 | 3     | ...                         | ...   | ...   |     |
|                       | COL                | 9                      | 0    | 0     | 02/39                              | 0                      | 0    | 0     | 07/31                              | 0                                 | 9     | 12                          | 0     | ...   |     |
|                       | ECU                | 38                     | 0    | 0     | 08/21                              | 0                      | 0    | 0     | 04/45                              | 10                                | 28    | 0                           | 0     | ...   |     |
|                       | PER                | 35                     | 0    | 0     | 08/18                              | 0                      | 0    | 0     | 06/45                              | 0                                 | 22    | ...                         | ...   | ...   |     |
|                       | VEN                | 2                      | 0    | 0     | 07/06                              | 0                      | 0    | 0     | 07/34                              | 0                                 | 2     | ...                         | ...   | ...   |     |
| BRA                   | BRA                | 351                    | 0    | 0     | 06/48                              | 0                      | 0    | 0     | 09/41                              | 0                                 | 112   | 0                           | 0     | ...   |     |
|                       | CAP                | ...                    | ...  | ...   | 05/22                              | ...                    | ...  | ...   | 01/42                              | ...                               | ...   | ...                         | ...   | ...   |     |
|                       | ELS                | 11                     | 0    | 0     | 01/19                              | 0                      | 0    | 0     | 06/30                              | 3                                 | 8     | ...                         | ...   | ...   |     |
|                       | GUT                | 6                      | 0    | 0     | 98/05                              | 0                      | 0    | 0     | 06/30                              | 0                                 | 4     | 5                           | 0     | ...   |     |
|                       | HON                | 16                     | 0    | 0     | 97/29                              | 0                      | 0    | 0     | 04/11                              | 3                                 | 10    | 5                           | 0     | ...   |     |
|                       | NIC                | 11                     | 0    | 0     | 94/14                              | 0                      | 0    | 0     | 04/19                              | 0                                 | 11    | ...                         | ...   | ...   |     |
|                       | PAN                | 5                      | 0    | 0     | 95/49                              | 0                      | 0    | 0     | 02/48                              | 0                                 | 5     | 0                           | 0     | ...   |     |
|                       | CAR                | 26                     | 0    | 0     | 08/26                              | 0                      | 0    | 0     | 08/18                              | 0                                 | 20    | 0                           | 0     | ...   |     |
|                       | LAC                | 5                      | 0    | 0     | 93/27                              | 0                      | 0    | 0     | 04/06                              | 0                                 | 5     | 0                           | 0     | ...   |     |
| MEX                   | DOR                | 0                      | 0    | 0     | 01/23                              | 0                      | 0    | 0     | 06/44                              | 0                                 | 0     | ...                         | ...   | ...   |     |
|                       | FGU                | ...                    | ...  | ...   | ...                                | ...                    | ...  | ...   | ...                                | ...                               | ...   | ...                         | ...   | ...   |     |
|                       | GUA                | ...                    | ...  | ...   | ...                                | ...                    | ...  | ...   | ...                                | ...                               | ...   | ...                         | ...   | ...   |     |
|                       | HAI                | ...                    | ...  | ...   | 01/39                              | ...                    | ...  | ...   | 06/47                              | ...                               | ...   | 0                           | 0     | ...   |     |
|                       | MAR                | ...                    | ...  | ...   | ...                                | ...                    | ...  | ...   | ...                                | ...                               | ...   | ...                         | ...   | ...   |     |
|                       | PUR                | ...                    | ...  | ...   | ...                                | ...                    | ...  | ...   | ...                                | ...                               | ...   | ...                         | ...   | ...   |     |
|                       | MEX                | 21                     | 0    | 0     | 06/49                              | 0                      | 0    | 0     | 08/20                              | 0                                 | 6     | 0                           | 0     | ...   |     |
|                       | NOA                | ...                    | 0    | 2     | 2                                  | 10/04                  | 0    | 0     | 0                                  | 09/30                             | ...   | ...                         | ...   | ...   | ... |
| SOC                   | USA                | ...                    | 0    | 1     | 1                                  | 10/05                  | 0    | 1     | 1                                  | 10/05                             | ...   | ...                         | 0     | 0     | ... |
|                       | ARG                | 10                     | 0    | 0     | 0                                  | 09/15                  | 0    | 0     | 0                                  | 09/05                             | 0     | 6                           | 1     | 0     | ... |
|                       | CHI                | 16                     | 0    | 0     | 0                                  | 09/07                  | 0    | 0     | 0                                  | 08/30                             | 0     | 7                           | ...   | ...   | ... |
|                       | PAR                | 36                     | 0    | 0     | 0                                  | 98/44                  | 0    | 0     | 0                                  | 05/21                             | 7     | 29                          | 0     | 0     | ... |
| URU                   | ...                | ...                    | ...  | ...   | 99/08                              | ...                    | ...  | ...   | 01/37                              | ...                               | ...   | ...                         | ...   | ...   |     |
| TOTAL                 | 602                | 0                      | 3    | 3     | --                                 | 0                      | 1    | 1     | --                                 | 23                                | 287   | 23                          | 0     | ...   |     |

... No report received; \* Congenital rubella infection.



# Measles / Rubella Surveillance

**Table No.2**  
Infection Source of Measles and Rubella Confirmed Cases for the Period of Weeks 01-06, 2010

| Subregion and Country |       | Measles |    |   | Rubella |    |   |    |  |
|-----------------------|-------|---------|----|---|---------|----|---|----|--|
|                       |       | I       | IR | U | I       | IR | U | IN |  |
| AND                   | BOL   |         |    |   |         |    |   |    |  |
|                       | COL   |         |    |   |         |    |   |    |  |
|                       | ECU   |         |    |   |         |    |   |    |  |
|                       | PER   |         |    |   |         |    |   |    |  |
|                       | VEN   |         |    |   |         |    |   |    |  |
| BRA                   | BRA   |         |    |   |         |    |   |    |  |
|                       | CAP   |         |    |   |         |    |   |    |  |
|                       | COR   |         |    |   |         |    |   |    |  |
|                       | ELS   |         |    |   |         |    |   |    |  |
|                       | GUT   |         |    |   |         |    |   |    |  |
| HON                   | HON   |         |    |   |         |    |   |    |  |
|                       | NIC   |         |    |   |         |    |   |    |  |
|                       | PAN   |         |    |   |         |    |   |    |  |
|                       | CAR   | CAR     |    |   |         |    |   |    |  |
|                       |       | LAC     |    |   |         |    |   |    |  |
| CUB                   |       |         |    |   |         |    |   |    |  |
| DOR                   |       |         |    |   |         |    |   |    |  |
| FGU                   |       |         |    |   |         |    |   |    |  |
| GUA                   | GUA   |         |    |   |         |    |   |    |  |
|                       | HAI   |         |    |   |         |    |   |    |  |
|                       | MAR   |         |    |   |         |    |   |    |  |
|                       | PUR   |         |    |   |         |    |   |    |  |
|                       | MEX   | MEX     |    |   |         |    |   |    |  |
| NOA                   |       | 2       |    |   | 1       |    |   |    |  |
| CAN                   |       |         |    |   |         |    |   |    |  |
| USA                   |       | 1       |    |   |         |    |   |    |  |
| SOC                   |       | ARG     |    |   |         |    |   |    |  |
|                       | CHI   |         |    |   |         |    |   |    |  |
|                       | PAR   |         |    |   |         |    |   |    |  |
|                       | URU   |         |    |   |         |    |   |    |  |
|                       | TOTAL | 3       |    |   | 1       |    |   |    |  |

**Table No.3**  
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-06, 2010

| Country | Pending Cases 2009 | Cumulative 2010 | Week of Rash Onset |     |     |     |     |     |       |
|---------|--------------------|-----------------|--------------------|-----|-----|-----|-----|-----|-------|
|         |                    |                 | 1                  | 2   | 3   | 4   | 5   | 6   | Unkn. |
| BOL     | 2                  | 1               | 1                  | 0   | 0   | 0   | ... | ... |       |
| COL     | 64                 | 0               | 0                  | 0   | 0   | 0   | 0   | 0   |       |
| ECU     | 0                  | 0               | 0                  | 0   | 0   | 0   | 0   | 0   |       |
| PER     | 17                 | 13              | 6                  | 2   | 4   | 1   | ... | ... |       |
| VEN     | 3                  | 0               | 0                  | 0   | 0   | 0   | 0   | 0   |       |
| BRA     | 906                | 237             | 38                 | 57  | 61  | 56  | 25  | ... |       |
| COR     | 1                  | ...             | ...                | ... | ... | ... | ... | ... |       |
| ELS     | 0                  | 0               | 0                  | 0   | 0   | 0   | ... | ... |       |
| GUT     | 17                 | 2               | 1                  | 0   | 1   | 0   | 0   | 0   |       |
| HON     | 0                  | 3               | 2                  | 0   | 0   | 0   | 0   | 0   | 1     |
| NIC     | 0                  | 0               | 0                  | 0   | 0   | 0   | 0   | 0   |       |
| PAN     | 3                  | 0               | 0                  | 0   | 0   | 0   | 0   | 0   |       |
| CAR     | 2                  | 6               | 1                  | 3   | 0   | 2   | 0   | ... |       |
| CUB     | 0                  | 0               | 0                  | 0   | 0   | 0   | 0   | 0   |       |
| DOR     | 3                  | 0               | 0                  | 0   | ... | ... | ... | ... |       |
| FGU     | ...                | ...             | ...                | ... | ... | ... | ... | ... |       |
| GUA     | ...                | ...             | ...                | ... | ... | ... | ... | ... |       |
| HAI     | 2                  | ...             | ...                | ... | ... | ... | ... | ... |       |
| MAR     | ...                | ...             | ...                | ... | ... | ... | ... | ... |       |
| PUR     | ...                | ...             | ...                | ... | ... | ... | ... | ... |       |
| MEX     | 518                | 15              | 4                  | 6   | 2   | 2   | 1   | 0   |       |
| CAN     | ...                | ...             | ...                | ... | ... | ... | ... | ... |       |
| USA     | ...                | ...             | ...                | ... | ... | ... | ... | ... |       |
| ARG     | 0                  | 0               | 0                  | 0   | 0   | 0   | 0   | 0   |       |
| CHI     | 0                  | 9               | 0                  | 2   | 3   | 3   | 1   | 0   |       |
| PAR     | 0                  | 0               | 0                  | 0   | 0   | 0   | 0   | 0   |       |
| URU     | 0                  | ...             | ...                | ... | ... | ... | ... | ... |       |
| TOTAL   | 1538               | 286             | 53                 | 70  | 71  | 64  | 27  | 1   |       |

I: Imported; IR: Import-related; U: Unknown; IN: Indigenous

... No report received

**Table No.4**  
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-06, 2010

| Sub-region and Country |                   | % Sites Reporting Weekly | % Cases with Adequate Investigation | % Cases with Adequate Sample | % Lab Received ≤5 days | % Lab Result ≤4 days | % Cases Discarded by Lab | Chains of Transmission With Representative Samples for Viral Isolation |         |  |
|------------------------|-------------------|--------------------------|-------------------------------------|------------------------------|------------------------|----------------------|--------------------------|--|---------|--|
|                        |                   |                          |                                     |                              |                        |                      |                          | Measles  | Rubella |  |
| AND                    | BOL               | ...                      | 100                                 | 100                          | 100                    | 67                   | 100                      |  |         |  |
|                        | COL               | ...                      | 78                                  | 100                          | 89                     | 100                  | 100                      |  |         |  |
|                        | ECU               | 96                       | 77                                  | 100                          | 92                     | 97                   | 100                      |  |         |  |
|                        | PER               | ...                      | 91                                  | 94                           | 70                     | 52                   | 100                      |  |         |  |
|                        | VEN               | ...                      | 0                                   | 100                          | 100                    | 0                    | 100                      |  |         |  |
| BRA                    | BRA               | 81                       | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |  |
|                        | CAP               | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |  |
|                        | COR               | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |  |
|                        | ELS               | ...                      | 75                                  | 100                          | 100                    | 91                   | 100                      |  |         |  |
|                        | GUT               | ...                      | 43                                  | 100                          | 67                     | 67                   | 100                      |  |         |  |
| HON                    | HON               | 91                       | 94                                  | 100                          | 81                     | 88                   | 100                      |  |         |  |
|                        | NIC               | 99                       | 82                                  | 100                          | 100                    | 73                   | 100                      |  |         |  |
|                        | PAN               | 91                       | 60                                  | 100                          | 100                    | 100                  | 100                      |  |         |  |
|                        | CAR               | CAR                      | 99                                  | 42                           | 81                     | 30                   | 80                       | 100  |         |  |
|                        |                   | LAC                      | CUB                                 | 100                          | 100                    | 100                  | 100                      | 100  |         |  |
| DOR                    |                   | 97                       | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |  |
| FGU                    |                   | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |  |
| GUA                    |                   | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |  |
| HAI                    | HAI               | 100                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |  |
|                        | MAR               | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |  |
|                        | PUR               | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |  |
|                        | MEX               | MEX                      | 100                                 | 100                          | 93                     | 60                   | 83                       | 100  |         |  |
|                        |                   | NOA                      | ...                                 | ...                          | ...                    | ...                  | ...                      | ...  |         |  |
| CAN                    |                   | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |  |
| USA                    |                   | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |  |
| SOC                    |                   | ARG                      | 30                                  | ...                          | ...                    | ...                  | ...                      | ...  |         |  |
|                        | CHI               | 97                       | 6                                   | 69                           | 69                     | 100                  | 100                      |  |         |  |
|                        | PAR               | 84                       | 64                                  | 97                           | 94                     | 100                  | 100                      |  |         |  |
|                        | URU               | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |  |
|                        | Total and Average | 91                       | 72                                  | 94                           | 78                     | 85                   | 100                      |  |         |  |

... No report received.