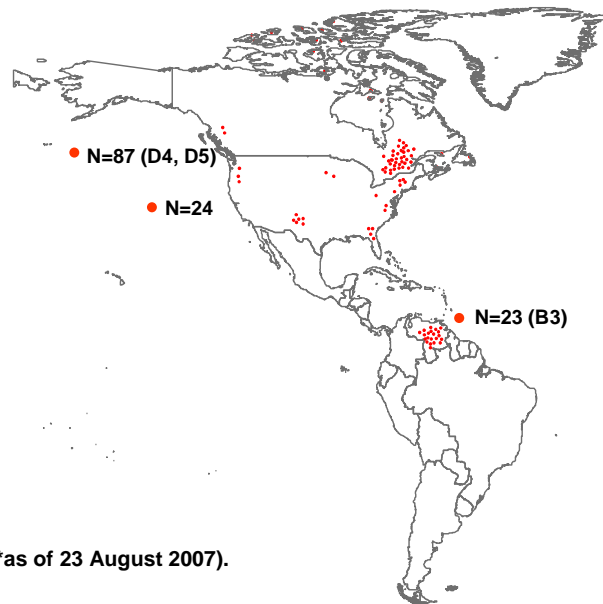




### Number of Confirmed Measles Cases and Genotypes Identified, 2007\*

| Countries with Measles Cases, 2007 | Genotype               | Region/Country Where the Virus Currently Circulates |
|------------------------------------|------------------------|---|
| Canada                             | D4 – D5                | Europe, Japan, and Korea                            |
| Venezuela                          | B3                     | Spain   |
| United States                      | Pending Identification |   |



1 dot =  
1 measles case

Note: Dots are randomly located in country of outbreak. Cases were imported, import-related, or of unknown origin.

Source: Country reports (\*as of 23 August 2007).

**Table No.1**  
Classification of Suspected Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-33, 2007

| Subregion and Country | Suspect Cases 2007 | Measles Confirmed 2007 |      |       | Year/Week Last Confr. Measles Case | Rubella Confirmed 2007 |       |       | Year/Week Last Confr. Rubella Case | Diagnosis of Discarded Cases 2007 |       | Congenital Rubella Syndrome |       | CRI * |     |   |
|-----------------------|--------------------|------------------------|------|-------|------------------------------------|------------------------|-------|-------|------------------------------------|-----------------------------------|-------|-----------------------------|-------|-------|-----|---|
|                       |                    | Clinic.                | Lab. | Total |                                    | Clinic.                | Lab.  | Total |                                    | Dengue                            | Other | Suspect                     | Conf. |       |     |   |
| AND                   | BOL                | 50                     | 0    | 0     | 0                                  | 00/40                  | 0     | 0     | 0                                  | 06/03                             | 4     | 41                          | ...   | ...   | 1   |   |
|                       | COL                | 760                    | 0    | 0     | 0                                  | 02/39                  | 0     | 0     | 0                                  | 06/18                             | 20    | 731                         | 27    | 0     |     |   |
|                       | ECU                | 213                    | 0    | 0     | 0                                  | 01/14                  | 0     | 0     | 0                                  | 04/45                             | 15    | 192                         | 0     | 0     |     |   |
|                       | PER                | 1095                   | 0    | 0     | 0                                  | 00/13                  | 0     | 0     | 0                                  | 06/45                             | 0     | 591                         | 500   | 1     |     |   |
| BRA                   | VEN                | 1084                   | 0    | 23    | 23                                 | 07/06                  | 0     | 38    | 38                                 | 07/30                             | 233   | 780                         | ...   | ...   |     |   |
|                       | BRA                | 14347                  | 0    | 0     | 0                                  | 06/48                  | 159   | 1494  | 1653                               | 07/32                             | 0     | 10448                       | 0     | 0     |     |   |
| CAP                   | COR                | 27                     | 0    | 0     | 0                                  | 05/22                  | 0     | 0     | 0                                  | 01/42                             | 0     | 0                           | ...   | ...   |     |   |
|                       | ELS                | 66                     | 0    | 0     | 0                                  | 01/19                  | 0     | 0     | 0                                  | 06/43                             | 12    | 54                          | ...   | ...   |     |   |
|                       | GUT                | 275                    | 0    | 0     | 0                                  | 98/05                  | 0     | 5     | 5                                  | 07/21                             | 1     | 261                         | 0     | 0     |     |   |
|                       | HON                | 132                    | 0    | 0     | 0                                  | 97/29                  | 0     | 0     | 0                                  | 04/11                             | 52    | 72                          | 14    | 0     |     |   |
|                       | NIC                | 114                    | 0    | 0     | 0                                  | 94/14                  | 0     | 0     | 0                                  | 04/19                             | 0     | 114                         | 0     | 0     |     |   |
|                       | PAN                | 109                    | 0    | 0     | 0                                  | 95/49                  | 0     | 0     | 0                                  | 02/48                             | 4     | 100                         | 1     | 0     |     |   |
|                       | CAR                | CAR                    | 237  | 0     | 0                                  | 0                      | 98/23 | 0     | 0                                  | 0                                 | 01/27 | 6                           | 206   | 0     | 0   |   |
|                       |                    | LAC                    | CUB  | 503   | 0                                  | 0                      | 0     | 93/27 | 0                                  | 0                                 | 0     | 04/06                       | 0     | 483   | 0   | 0 |
|                       |                    | DOR                    | 121  | 0     | 0                                  | 0                      | 01/23 | 0     | 0                                  | 0                                 | 06/44 | 0                           | 0     | ...   | ... |   |
|                       |                    | FGU                    | 11   | 0     | 0                                  | 0                      | ...   | 0     | 0                                  | 0                                 | ...   | 0                           | 9     | ...   | ... |   |
| MEX                   | GUA                | ...                    | ...  | ...   | ...                                | ...                    | ...   | ...   | ...                                | ...                               | ...   | ...                         | ...   | ...   |     |   |
|                       | HAI                | 23                     | 0    | 0     | 0                                  | 01/39                  | 0     | 0     | 0                                  | 06/47                             | 0     | 20                          | 4     | 0     |     |   |
|                       | MAR                | ...                    | ...  | ...   | ...                                | ...                    | ...   | ...   | ...                                | ...                               | ...   | ...                         | ...   | ...   |     |   |
|                       | PUR                | ...                    | ...  | ...   | ...                                | ...                    | ...   | ...   | ...                                | ...                               | ...   | ...                         | ...   | ...   |     |   |
| NOA                   | MEX                | 2868                   | 0    | 0     | 0                                  | 06/49                  | 1     | 55    | 56                                 | 07/23                             | 0     | 2522                        | 0     | 0     |     |   |
|                       | CAN                | ...                    | 0    | 87    | 87                                 | 07/30                  | 0     | 1     | 1                                  | 07/15                             | ...   | ...                         | ...   | ...   |     |   |
| SOC                   | USA                | ...                    | 0    | 21    | 21                                 | 07/27                  | 0     | 9     | 9                                  | 07/17                             | ...   | ...                         | 0     | 0     |     |   |
|                       | ARG                | 93                     | 0    | 0     | 0                                  | 00/11                  | 0     | 0     | 0                                  | 04/50                             | 0     | 88                          | 0     | 0     |     |   |
|                       | CHI                | 656                    | 0    | 0     | 0                                  | 03/19                  | 0     | 261   | 596                                | 07/33                             | 0     | 286                         | 151   | 0     |     |   |
| URU                   | PAR                | 258                    | 0    | 0     | 0                                  | 98/44                  | 0     | 0     | 0                                  | 05/21                             | 9     | 249                         | 2     | 0     |     |   |
|                       | URU                | 11                     | 0    | 0     | 0                                  | 99/08                  | 0     | 0     | 0                                  | 01/37                             | 0     | 1                           | 0     | 0     |     |   |
| TOTAL                 |                    | 23053                  | 0    | 131   | 131                                | -                      | 160   | 1863  | 2358                               | -                                 | 356   | 17248                       | 699   | 1     | 1   |   |

... 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 01-33, 2007

| Subregion and Country |     | Measles |    |    | Rubella |    |     |      |
|-----------------------|-----|---------|----|----|---------|----|-----|------|
|                       |     | I       | IR | U  | I       | IR | U   | IN   |
| AND                   | BOL |         |    |    |         |    |     |      |
|                       | COL |         |    |    |         |    |     |      |
|                       | ECU |         |    |    |         |    |     |      |
|                       | PER |         |    |    |         |    |     |      |
|                       | VEN |         | 23 |    |         |    |     | 38   |
| BRA                   | BRA |         |    |    |         |    |     | 1653 |
|                       | CAP |         |    |    |         |    |     |      |
|                       | COR |         |    |    |         |    |     |      |
|                       | ELS |         |    |    |         |    |     |      |
|                       | GUT |         |    |    | 7       |    |     |      |
| CAR                   | HON |         |    |    |         |    |     |      |
|                       | NIC |         |    |    |         |    |     |      |
|                       | PAN |         |    |    |         |    |     |      |
|                       | LAC |         |    |    |         |    |     |      |
|                       | CUB |         |    |    |         |    |     |      |
| MEX                   | DOR |         |    |    |         |    |     |      |
|                       | FGU |         |    |    |         |    |     |      |
|                       | GUA |         |    |    |         |    |     |      |
|                       | HAI |         |    |    |         |    |     |      |
|                       | MAR |         |    |    |         |    |     |      |
| NOA                   | PUR |         |    |    |         |    |     |      |
|                       | MEX |         |    |    |         |    | 56  |      |
|                       | CAN | 4       | 1  | 75 | 1       |    |     |      |
|                       | USA | 8       | 4  |    |         |    |     |      |
|                       | SOC | ARG     |    |    |         |    |     |      |
| CHI                   |     |         |    |    |         |    | 596 |      |
| PAR                   |     |         |    |    |         |    |     |      |
| URU                   |     |         |    |    |         |    |     |      |
| TOTAL                 |     | 12      | 28 | 75 | 8       |    | 652 | 1691 |

**Table No.3**  
Measles/Rubella Suspected Cases Under Investigation  
for the Period of Weeks 01-33, 2007

| Country | Pending Cases 2006 | Cumulative 2007 | Week of Rash Onset |     |     |     |     |     |   | Unkn. |
|---------|--------------------|-----------------|--------------------|-----|-----|-----|-----|-----|---|-------|
|         |                    |                 | 1-28               | 29  | 30  | 31  | 32  | 33  |   |       |
| BOL     | 0                  | 5               | 2                  | 0   | 2   | 1   | 0   | ... |   |       |
| COL     | 6                  | 9               | 6                  | 1   | 2   | ... | ... | ... |   |       |
| ECU     | 0                  | 6               | 2                  | 1   | 0   | 0   | 3   | ... |   |       |
| PER     | 0                  | 504             | 340                | 40  | 56  | 51  | 8   | 8   | 1 |       |
| VEN     | 0                  | 10              | 10                 | 0   | 0   | 0   | 0   | ... |   |       |
| BRA     | 48                 | 2246            | 1729               | 78  | 88  | 143 | 208 | ... |   |       |
| COR     | 0                  | 27              | 24                 | 2   | 0   | 0   | 0   | 0   | 1 |       |
| ELS     | 0                  | 0               | 0                  | 0   | ... | ... | ... | ... |   |       |
| GUT     | 0                  | 6               | 4                  | 0   | 0   | 1   | 1   | 0   |   |       |
| HON     | 0                  | 8               | 5                  | 1   | 0   | 2   | 0   | 0   |   |       |
| NIC     | 0                  | 0               | 0                  | 0   | 0   | 0   | 0   | 0   |   |       |
| PAN     | 0                  | 5               | 3                  | 1   | 0   | 0   | 1   | ... |   |       |
| CAR     | 0                  | 25              | 13                 | 1   | 5   | 6   | 0   | 0   |   |       |
| LAC     | 0                  | 20              | 0                  | 0   | 20  | 0   | 0   | ... |   |       |
| CUB     | 0                  | 121             | 121                | 0   | 0   | 0   | 0   | ... |   |       |
| DOR     | 0                  | 2               | 0                  | 0   | 0   | 2   | ... | ... |   |       |
| FGU     | ...                | ...             | ...                | ... | ... | ... | ... | ... |   |       |
| GUA     | 0                  | 3               | 3                  | 0   | 0   | 0   | ... | ... |   |       |
| HAI     | ...                | ...             | ...                | ... | ... | ... | ... | ... |   |       |
| MAR     | ...                | ...             | ...                | ... | ... | ... | ... | ... |   |       |
| PUR     | ...                | ...             | ...                | ... | ... | ... | ... | ... |   |       |
| MEX     | 0                  | 290             | 176                | 25  | 25  | 29  | 19  | 16  |   |       |
| CAN     | ...                | ...             | ...                | ... | ... | ... | ... | ... |   |       |
| USA     | ...                | ...             | ...                | ... | ... | ... | ... | ... |   |       |
| ARG     | 0                  | 5               | 1                  | 1   | 1   | 0   | 2   | 0   |   |       |
| CHI     | 0                  | 109             | 84                 | 3   | 4   | 8   | 4   | 6   |   |       |
| PAR     | 0                  | 0               | 0                  | 0   | 0   | 0   | 0   | 0   |   |       |
| URU     | 0                  | 10              | 9                  | 1   | 0   | 0   | 0   | 0   |   |       |
| TOTAL   | 54                 | 3411            | 2532               | 155 | 203 | 243 | 246 | 30  | 2 |       |

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 01-33, 2007

| 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 | 77                       | 98                                  | 100                          | 73                     | 67                   | 100                      |  |         |
|                        | COL | 88                       | 67                                  | 96                           | 78                     | 89                   | 98                       |  |         |
|                        | ECU | 66                       | 55                                  | 97                           | 82                     | 80                   | 99                       |  |         |
|                        | PER | 100                      | 94                                  | 97                           | 92                     | 10                   | 93                       |  |         |
|                        | VEN | 76                       | 88                                  | 98                           | 67                     | 76                   | 99                       |  |         |
| BRA                    | BRA | 91                       | 57 <sup>a</sup>                     | 64                           | 44                     | 90                   | 96                       |  |         |
|                        | CAP | ...                      | 69                                  | 93                           | 85                     | 85                   | ...                      |  |         |
|                        | COR | ...                      | 35                                  | 100                          | 89                     | 91                   | 95                       |  |         |
|                        | ELS | 80                       | 51                                  | 64                           | 80                     | 92                   | 68                       |  |         |
|                        | GUT | ...                      | 97                                  | 96                           | 86                     | 86                   | 100                      |  |         |
| CAR                    | HON | 93                       | 75                                  | 99                           | 76                     | 91                   | 99                       |  |         |
|                        | NIC | 100                      | 77                                  | 97                           | 65                     | 93                   | 99                       |  |         |
|                        | PAN | 91                       | 72                                  | 89                           | 24                     | 96                   | 99                       |  |         |
|                        | LAC | 99                       | 72                                  | 89                           | 24                     | 96                   | 99                       |  |         |
|                        | CUB | 95                       | 100 <sup>a</sup>                    | 100                          | 90                     | 100                  | 96                       |  |         |
| MEX                    | DOR | 82                       | 63                                  | 98                           | 57                     | 70                   | ...                      |  |         |
|                        | FGU | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |
|                        | GUA | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |
|                        | HAI | 80                       | 96                                  | 100                          | 22                     | 39                   | 100                      |  |         |
|                        | MAR | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |
| NOA                    | PUR | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |
|                        | MEX | 94                       | 99                                  | 97                           | 84                     | 80                   | 99                       |  |         |
|                        | CAN | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      | 2  |         |
|                        | USA | ...                      | ...                                 | ...                          | ...                    | ...                  | ...                      |  |         |
|                        | SOC | ARG                      | 87                                  | 18                           | 98                     | 76                   | 77                       | 100  |         |
| CHI                    |     | 97                       | 38                                  | 81                           | 80                     | 99                   | 99                       |  | 1       |
| PAR                    |     | 90                       | 56                                  | 100                          | 86                     | 100                  | 100                      |  |         |
| URU                    |     | 57                       | ...                                 | 60                           | 88                     | 75                   | ...                      |  |         |
| Total and Average      |     | 91                       | 67                                  | 76                           | 57                     | 85                   | 96                       |  |         |

... No report received

<sup>a</sup> Also includes information on active case-searches.