



PAHO Urges All Travelers Going to the London Olympic Games to Get Vaccinated Against Measles and Rubella

Measles and rubella were eliminated from the Americas in 2002 and 2009, respectively. All residents of this region who plan to travel to the 2012 Olympic Games in London, including participating teams, should be protected against measles and rubella. Although vaccination coverage for these diseases is relatively high, significant and localized outbreaks have been documented in the European Region and United Kingdom, respectively. More than 31,000 cases of measles were reported in the European Region in 2011, and some deaths have been reported among adolescents and adults.

HEALTH ALERT

ENJOY THE 2012 OLYMPIC GAMES
TRAVEL COMFORTABLY WITHOUT MEASLES AND RUBELLA

Measles and rubella were eliminated from the Americas in 2002 and 2009 respectively. All residents of this region who plan to travel to the 2012 Olympic Games in London, including participating teams, should be protected against measles and rubella. Although vaccination coverage for these diseases is relatively high, significant and localized outbreaks have been documented in the European Region and United Kingdom respectively. More than 31,000 cases of measles were reported in the European Region in 2011, and some deaths have been reported among adolescents and adults.

Travelers who cannot demonstrate that they have been vaccinated against measles or rubella should receive the combined vaccine at least two weeks before departure.

During travel and upon return, look for these symptoms:

- Fever
- Rash
- Cough, runny nose, or pink eye

IF UPON YOUR RETURN YOU BELIEVE YOU HAVE MEASLES OR RUBELLA:

- Stay at home (or in your hotel room if traveling), except to seek medical care. Do not travel and do not go to school or work.
- Avoid close contact with others for 7 days after your rash begins.

For more information:
Contact the Ministry of Health

Pan American Health Organization 110 1902 - 2012

Table.1
Classification of Suspect Measles, Rubella, and Congenital Rubella Syndrome (CRS) Cases for the Period of Weeks 01-27, 2012

| Subregion and Country | Susp. Cases 2012 | Measles Confirmed 2012 | | | Year/Week Last Conf. Measles case | Rubella Confirmed 2012 | | | Year/Week Last Conf. Rubella Case | Diagnosis of Discarded Cases 2012 | | Congenital Rubella Syndrome | | | Year/Week Last Conf. CRS Case | |
|-----------------------|------------------|------------------------|------------|-----------------|-----------------------------------|------------------------|----------|----------|-----------------------------------|-----------------------------------|-------------|-----------------------------|----------|----------|-------------------------------|-----------|
| | | Clin. | Lab. | Total | | Clin. | Lab. | Total | | Dengue | Others | Susp. | Conf. | CRS* | | |
| AND | | | | | | | | | | | | | | | | |
| BOL | 136 | 0 | 0 | 0 | 2000/40 | ... | ... | ... | 2006/03 | 30 | 98 | 0 | ... | ... | ... | ... |
| COL | 1067 | 0 | 1 | 1 | 2012/05 | 0 | 1 | 1 | 2012/12 | 3 | 1017 | 65 | 0 | 0 | 0 | 2005/34 |
| ECU | 995 | 0 | 63 | 63 | 2012/25 | ... | ... | ... | 2004/45 | 18 | 86 | 10 | ... | ... | ... | ... |
| PER | 261 | 0 | 0 | 0 | 2008/18 | 0 | 0 | 0 | 2006/45 | 0 | 242 | 0 | ... | ... | ... | 2007/16 |
| VEN | 196 | 0 | 1 | 1 | 2012/16 | 0 | 0 | 0 | 2007/51 | 23 | 127 | 0 | 0 | 0 | 0 | ... |
| BRA | 2708 | 0 | 1 | 1 | 2012/02 | 0 | 0 | 0 | 2009/41 | 0 | 2341 | 50 | ... | ... | ... | 2009/34 |
| CAP | | | | | | | | | | | | | | | | |
| CRI | 14 | 0 | 0 | 0 | 2005/22 | 0 | 0 | 0 | 2001/42 | 1 | 10 | 0 | 0 | 0 | 0 | ... |
| GTM | 215 | 0 | 0 | 0 | 1998/05 | 0 | 0 | 0 | 2006/30 | 20 | 191 | 0 | 0 | 0 | 0 | 2005/00 |
| HND | 52 | 0 | 0 | 0 | 1997/29 | 0 | 0 | 0 | 2004/11 | 8 | 33 | 57 | 0 | 0 | 0 | 2001/00 |
| NIC | 55 | 0 | 0 | 0 | 1994/14 | 0 | 0 | 0 | 2004/19 | 1 | 50 | 0 | 0 | 0 | 0 | 2005/00 |
| PAN | 65 | 0 | 0 | 0 | 2011/20 | 0 | 0 | 0 | 2002/48 | 1 | 63 | 0 | 0 | 0 | 0 | ... |
| SLV | 223 | 0 | 0 | 0 | 2001/19 | 0 | 0 | 0 | 2006/30 | 0 | 223 | 0 | ... | ... | ... | 2001/00 |
| CAR | | | | | | | | | | | | | | | | |
| CAR | 296 | 0 | 0 | 0 | 2011/48 | 0 | 0 | 0 | 2008/18 | 0 | 84 | 0 | 0 | 0 | 0 | 1999/00 |
| LAC | | | | | | | | | | | | | | | | |
| CUB | 638 | 0 | 0 | 0 | 1993/27 | 0 | 0 | 0 | 2004/06 | 0 | 638 | 0 | 0 | 0 | 0 | ... |
| DOM | 70 | 0 | 0 | 0 | 2011/18 | 0 | 0 | 0 | 2006/44 | 1 | 69 | 0 | ... | ... | ... | ... |
| GLP | 3 | 0 | 0 | 0 | 2012/10 | 0 | 0 | 0 | ... | 0 | 3 | 0 | 0 | 0 | 0 | 2005/00 |
| GUF | 11 | 0 | 0 | 0 | 2011/26 | 0 | 0 | 0 | 2010/06 | 3 | 8 | 0 | 0 | 0 | 0 | ... |
| HTI | 97 | 0 | 0 | 0 | 2001/39 | 0 | 0 | 0 | 2006/47 | 0 | 0 | 3 | 0 | 0 | 0 | ... |
| MTQ | 0 | 0 | 0 | 0 | 2011/27 | 0 | 0 | 0 | ... | 0 | 0 | 0 | 0 | 0 | 0 | ... |
| PRI | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0 | 0 | 0 | ... | ... | ... | ... |
| MEX | | | | | | | | | | | | | | | | |
| MEX | 1443 | 0 | 0 | 0 | 2011/12 | 0 | 0 | 0 | 2008/20 | 0 | 0 | 0 | 0 | 0 | 0 | ... |
| NOA | | | | | | | | | | | | | | | | |
| CAN | ... | 0 | 4 | 4 | 2012/21 | 0 | 1 | 1 | 2012/03 | 0 | 0 | 0 | 0 | 0 | 0 | ... |
| USA | ... | 0 | 43 | 43 ^a | 2012/27 | 0 | 4 | 4 | 2012/17 | 0 | 0 | 0 | 2 | 0 | 0 | ... |
| SOC | | | | | | | | | | | | | | | | |
| ARG | 131 | 0 | 1 | 1 | 2012/20 | 0 | 0 | 0 | 2011/20 | 0 | 16 | 24 | 0 | 0 | 0 | 2009/27 |
| CHL | 91 | 0 | 0 | 0 | 2011/25 | 0 | 0 | 0 | 2011/25 | 0 | 88 | 52 | 0 | 0 | 0 | ... |
| PRY | 380 | 0 | 0 | 0 | 1998/44 | 0 | 0 | 0 | 2005/21 | 30 | 350 | 0 | 0 | 0 | 0 | 2003/06 |
| URY | 0 | 0 | 0 | 0 | 1999/08 | 0 | 0 | 0 | 2001/37 | 0 | 0 | 0 | 0 | 0 | 0 | ... |
| TOTAL | 9147 | 0 | 114 | 114 | -- | 0 | 6 | 6 | -- | 139 | 5737 | 261 | 2 | 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 01-27, 2012

| Subregion and Country | Measles | | | | Rubella | | | |
|-----------------------|-----------|-----------|-----|----------|----------|----|-----|----------|
| | I | IR | CAC | U | I | IR | CAC | U |
| AND | | | | | | | | |
| BOL | 1 | | | | | | | 1 |
| COL | | 63 | | | | | | |
| ECU | | | | | | | | |
| PER | | | | | | | | |
| VEN | 1 | | | | | | | |
| BRA | 1 | | | | | | | |
| CAP | | | | | | | | |
| CRI | | | | | | | | |
| GTM | | | | | | | | |
| HND | | | | | | | | |
| NIC | | | | | | | | |
| PAN | | | | | | | | |
| SLV | | | | | | | | |
| CAR | | | | | | | | |
| LAC | | | | | | | | |
| CUB | | | | | | | | |
| DOM | | | | | | | | |
| GLP | | | | | | | | |
| GUF | | | | | | | | |
| HTI | | | | | | | | |
| MTQ | | | | | | | | |
| PRI | | | | | | | | |
| MEX | | | | | | | | |
| NOA | 3 | 1 | | | 1 | | | |
| CAN | 18 | 21 | | 4 | 1 | | | 3 |
| USA | | | | | | | | |
| SOC | 1 | | | | | | | |
| ARG | | | | | | | | |
| CHL | | | | | | | | |
| PRY | | | | | | | | |
| URY | | | | | | | | |
| TOTAL | 25 | 85 | | 4 | 2 | | | 4 |

Table No.3
Measles/Rubella Suspect Cases Under Investigation for the Period of Weeks 01-27, 2012

| Country | Pending Cases 2011 | Cumulative 2012 | Week of Onset | | | | | | | % Pend.Cases |
|--------------|--------------------|-----------------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| | | | 1-22 | 23 | 24 | 25 | 26 | 27 | | |
| BOL | 1 | 8 | 6 | 0 | 0 | 0 | 2 | ... | 6 | |
| COL | 13 | 45 | 37 | 5 | 0 | 1 | 2 | 0 | 4 | |
| ECU | 49 | 102 | 49 | 12 | 18 | 10 | 8 | 5 | 10 | |
| PER | 0 | 19 | 19 | 0 | 0 | 0 | 0 | 0 | 7 | |
| VEN | 1 | 45 | 45 | 0 | 0 | 0 | 0 | 0 | 23 | |
| BRA | 87 | 366 | 266 | 25 | 33 | 30 | 12 | ... | 14 | |
| CRI | 2 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 21 | |
| GTM | 0 | 4 | 2 | 1 | 1 | 0 | 0 | 0 | 2 | |
| HND | 0 | 11 | 2 | 1 | 4 | 1 | 3 | 0 | 21 | |
| NIC | 0 | 4 | 4 | 0 | 0 | 0 | 0 | ... | 7 | |
| PAN | 6 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | |
| SLV | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ... | 0 | |
| CAR | 0 | 212 | 177 | 10 | 11 | 3 | 7 | 4 | 72 | |
| 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 | 0 | |
| GUF | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| HTI | 0 | 97 | 92 | 2 | 1 | 1 | 1 | 0 | 100 | |
| MTQ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| PRI | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| MEX | 0 | 224 | 218 | 2 | 1 | 0 | 2 | 1 | 16 | |
| CAN | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| USA | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| ARG | 247 | 114 | 105 | 3 | 4 | 0 | 2 | 0 | 87 | |
| CHL | 0 | 3 | 0 | 0 | 2 | 0 | 1 | 0 | 3 | |
| PRY | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| URY | 4 | 0 | 0 | ... | ... | ... | ... | ... | 0 | |
| TOTAL | 410 | 1258 | 1025 | 61 | 75 | 47 | 40 | 10 | 14 | |

I: Imported; IR: Import-related; CAC: Country-acquired case
U: Unknown.

... No report received

Table 4.
Indicators of Integrated Measles/Rubella Surveillance for the Period of Weeks 01-27, 2012

| 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 (2011/28-2012/27) | | |
|---------------------------|------------------------|--------------|-------------------------------------|------------------------------|--|------------------------|---|-----------------|------------|
| | Total Units | % This Week | | | | | Measles/Rubella (100,000 pop.) | CRS (10,000 lb) | |
| AND | BOL | ... | ... | 100 | 99 | 99 | 2.8 | 0.8 | |
| | COL | 4827 | 93 | 77 | 96 | 95 | 8.2 | 2.4 | |
| | ECU | 2203 | 8 | 75 | 91 | 77 | 6.9 | 0.3 | |
| | PER | ... | ... | 72 | 85 | 77 | 2.8 | 0.0 | |
| | VEN | 3283 | ... | 68 | 96 | 22 | 2.0 | 0.0 | |
| BRA | BRA | 270 | 91 | 61 | ... | ... | 3.5 | 0.4 | |
| CAP | CRI | 57 | 0 | 7 | 86 | 50 | 0.5 | 0.0 | |
| | GTM | 1506 | 0 | 2 | 98 | 94 | 2.4 | 0.0 | |
| | HND | 469 | 93 | 31 | 100 | 83 | 1.4 | 3.8 | |
| | NIC | 185 | ... | 96 | 100 | 98 | 3.0 | 1.4 | |
| | PAN | 215 | 91 | 35 | 94 | 94 | 5.0 | 0.0 | |
| | SLV | 893 | ... | 52 | 99 | 78 | 8.2 | 0.0 | |
| CAR | CAR | 752 | 93 | 88 | 66 | 92 | 7.3 | 0.0 | |
| LAC | CUB | 150 | 100 | 100 | 100 | 100 | 10.9 | 0.0 | |
| | DOM | 0 | 0 | 61 | 100 | 66 | 1.2 | 0.0 | |
| | GLP | ... | ... | ... | ... | ... | 1.7 | ... | |
| | GUF | ... | ... | ... | ... | ... | 5.3 | ... | |
| | HTI | 78 | 92 | 14 | 86 | 0 | 1.0 | 0.1 | |
| | MTQ | ... | ... | ... | ... | ... | 0.5 | ... | |
| | PRI | ... | ... | ... | ... | ... | ... | ... | |
| MEX | MEX | 11138 | 0 | 97 | 0 | 0 | 5.1 | 0.0 | |
| NOA | CAN | ... | ... | ... | ... | ... | ... | ... | |
| | USA | ... | ... | ... | ... | ... | ... | ... | |
| SOC | ARG | 779 | 0 | 11 | 89 | 37 | 0.6 | 0.9 | |
| | CHL | 569 | 99 | 73 | 97 | 83 | 1.5 | 4.9 | |
| | PRY | 862 | 94 | 73 | 98 | 98 | 10.7 | 0.0 | |
| | URY | 155 | 0 | 0 | 0 | 0 | 1.4 | 0.0 | |
| Total and Average* | | 28391 | 85 | 72 | 93 | 79 | 84 | 2.5 | 0.6 |

*Weighted

... No report received