

The information contained within this update is obtained from data provided by Ministries of Health of Member States and National Influenza Centers through reports sent to Pan American Health Organization (PAHO) or updates on their web pages.

### I- Evolution of the pandemic

### North America

In Canada, Mexico, and the United States, trends in acute respiratory disease continued to increase and the intensity of such diseases remained high this week. Canada has experienced increased national rate of ILI consultation, above what is expected for this time of year since EW 37. The geographic spread of influenza continued to be widespread. Based on information available from Mexico's web page<sup>1</sup>, as of the 13th of October, the greatest numbers of cumulative laboratory-confirmed cases were seen in the Federal District, Chiapas, Yucatan, Nuevo Leon, Jalisco, San Luis Potosi, and Tamaulipas. When comparing against cases reported in the previous week (8 October), the greatest increases were observed in Nayarit, Durango, Nuevo Leon, Sonora, Morelos, and Guerrero.

### Caribbean

Few Caribbean countries reported qualitative indicators for this week, but those who did reported increasing or unchanged trends in acute respiratory disease. Reporting CAREC countries<sup>2</sup>, maintain a low level of respiratory disease activity, but there have been reports of outbreaks in school settings. Cuba continued to report high intensity of acute respiratory disease. Overall, impact on health care services due to acute respiratory disease was moderate.

### **Central America**

Most countries providing an update this week report widespread geographic spread of influenza except for El Salvador which continues to report regional spread. Trends of acute respiratory disease were reported as decreasing or unchanged, with the exception of El Salvador, which reported a new increasing trend. The intensity of acute respiratory disease was mostly low/moderate, again with the exception of El Salvador, which again reported high intensity. Impact on heath care services due to acute respiratory disease was low or moderate.

### South America

#### Andean

This sub-region still notes moderate pandemic influenza activity compared to southern temperate regions, albeit in decreasing trends. Colombia was the only country to report an increasing trend of acute respiratory disease. The impact on heath services of acute respiratory disease was low or moderate.

### **Southern Cone**

The Southern Cone of South America is experiencing a decrease in intensity of respiratory disease, except in Paraguay, who newly reported a high intensity. For the remaining countries in this sub-region the situation reported remains largely unchanged since last EW.

### Weekly Summary

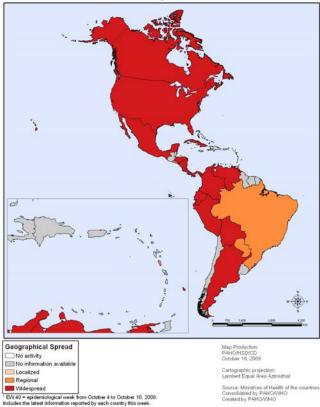
- The intensity of acute respiratory diseases in North America was high in Canada, Mexico, and the U.S.
- In Central America had a low or moderate intensity of acute respiratory disease; with the exception of El Salvador, which had a high intensity of acute respiratory disease and an increasing trend of acute respiratory disease
- Caribbean countries reported increasing or unchanged trends in acute respiratory disease, with outbreaks in schools.
- Most of South America had a decreasing trend and low or moderate intensity of acute respiratory disease; Colombia, however, had an increasing trend in acute respiratory disease
- 81.95% of subtyped influenza A viruses were pandemic (H1N1) 2009

• 133 new confirmed deaths in 10 countries (3539 cumulative deaths)

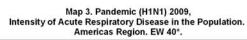
<sup>&</sup>lt;sup>1</sup> Source: Mexico's Health Secretariat <u>http://portal.salud.gob.mx/contenidos/noticias/influenza/estadisticas.html</u> Accessed October 15, 2009

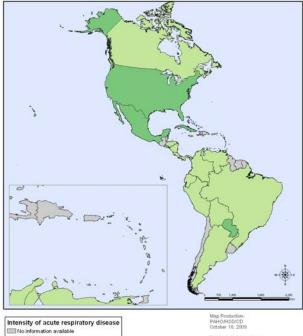
<sup>&</sup>lt;sup>2</sup> Barbados, Bahamas, Dominica, Jamaica, St Vincent and the Grenadines, and Trinidad and Tobago

Map 1. Pandemic (H1N1) 2009, Geographical Spread by Country. Americas Region. EW 40\*.



m October 4 to October 10, 2009. rted by each country this week.



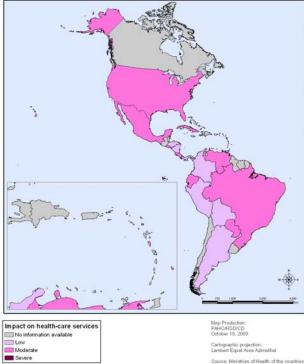


Low or moderate High \* EW 40 = epidemiological week from October 4 to October 10, 2009. Includes the latest information reported by each country this week. Cartographic projection: Lambert Equal Area Azimuthal urce: Ministries of Health of Insolidated by PAHOWHO sated by PAHOWHO Map 2. Pandemic (H1N1) 2009, Trend of respiratory disease activity compared to the previous week. Americas Region. EW 40\*.



No information Decreasing Unchanged " EW 40 = epidemiological week from October 4 to October 10, 2009. Includes the latest information reported by each country this week. Cartographic projection: Lambert Equal Area Azimuthal urce: Ministries of Health of t Insolidated by PAHOWHO vated by PAHO/WHO

# Map 4. Pandemic (H1N1) 2009, Impact of Acute Respiratory Disease on Health-Care Services. Americas Region. EW 40\*.



\* EW 40 = epidemiological week from October 4 to October 10, 2009 Includes the latest information reported by each country this week.

### II- Description of hospitalizations and deaths among confirmed cases of pandemic (H1N1) 2009

A table containing case counts reported to PAHO is included in Annex 2.

Among hospitalized confirmed cases (Table 1), approximately half were women. While the greatest number of cases was among young adults, the highest rates of hospitalization were observed in children.

Pregnant women also had a higher burden of morbidity and mortality. In Canada, while 1% of the population is pregnant in a given year, approximately 5% of hospitalized cases and 5% of the deaths were in this group. Caribbean Epidemiology Center (CAREC) reports that 30% of the hospitalized cases presented with gastrointestinal symptoms, which is higher than what was seen in non-hospitalized cases (20%).

Table 1: Description of hospitalizations among confirmed cases of pandemic (H1N1) 2009 in selected countries

|  | -   | Countries   |  |
|--|---|---|--|
|  | Argentina*  | Canada  | CAREC**  |
| Reporting period                             | Until SE 39   | Until SE 39   | Until October 9, 2009                            |
| Number of hospitalizations                   | 11,086  | 1,504   | 157  |
| Percent female                               | -   | 51.1%   | 46.2%  |
| Age  | Highest rate in <5 years of<br>age (70/100,000 persons < 5<br>years of age) | Median 23 years;<br>Highest rate in children<br><15 years | "Most affected groups: 0-<br>14 and 20-49 years" |
| Comorbidities                                | -   | 61.7%   | -  |
| Pregnant among women of<br>child-bearing age | -   | 27.6% **  | 14,9%  |

\*Hospitalizations among all persons with severe acute respiratory illness

\*\* CAREC countries and territories include Anguilla, Antigua, Barbados, Belize, Cayman Islands, Dominica, Guyana, Jamaica,

Netherlands Antilles, St. Kitts and Nevis, St. Lucia, St. Vincent, Suriname, Turks and Caicos Islands

In assessing the deaths among confirmed cases, women represent 49-60 %(Table 2). The deaths have taken place mostly among adults. More than two thirds of deceased cases had underlying comorbidities, and the percentage of pregnant women ranges from 20-27%.

|   |   |                 | Countries  |  |                          |
|---|---|-----------------|--|--|--------------------------|
|   | Argentina                                   | Canada          | Mexico   | Peru   | CAREC*                   |
| Reporting period                                | Until EW 39                                 | Until EW 39     | Until October 12,<br>2009  | Until EW 39  | Until October<br>9, 2009 |
| Number of confirmed<br>deaths                   | 580   | 78              | 255  | 186  | 10                       |
| Percent female                                  | -   | 60.3%           | 49.0 %   | 53.8%  |                          |
| Age   | Highest rate in<br>the age group<br>50-59 y | Median 50 years | Highest number in age 40-49 years.   | Mean 36  |                          |
| <b>Co-morbidities</b>                           | -   | 81.7%           | -  | 76%  | 90%                      |
| Co-morbidities most<br>frequently reported      | -   | -               | Metabolic conditions<br>(31,8%)<br>smoking (22.0%)<br>cardiopathies<br>(15.3%) | Caridiovascular<br>Metabolic<br>Respiratory<br>Neurological<br>Genetic<br>Renal, etc | Obesity<br>(40%)         |
| Pregnant among<br>women of<br>child-bearing age | -   | 26.7%           | -  | -  | 20%                      |

### Table 2: Description of deaths among confirmed cases of pandemic (H1N1) 2009 in selected countries

\*CAREC countries and territories include Anguilla, Antigua, Barbados, Belize, Cayman Islands, Dominica, Guyana, Jamaica, Netherlands Antilles, St. Kitts and Nevis, St. Lucia, St. Vincent, Suriname, Turks and Caicos Islands

### **III- Viral circulation**

For the purpose of this analysis, only countries which reported data on influenza A subtypes were considered. We excluded from the calculations of the percentages, results from samples of influenza A that were not subtyped or were unsubtypeable. Until EW 39, pandemic (H1N1) 2009 appears to continue to be the influenza virus in circulation.

| Country       | Epidemiological Week | Percentage of<br>Pandemic (H1N1) 2009 <sup>#</sup> |
|---------------|----------------------|--|
| Canada        | 39                   | 96.90%   |
| Chile         | 39                   | 100%   |
| United States | 39                   | 99.9%  |
| MEDIANA       |                      | 81.95%   |

### Table 3. Relative circulation of pandemic (H1N1) 2009 for selected countries Last EW Available

\*Percentage of pandemic (H1N1) 2009 virus = Pandemic (H1N1) 2009 virus / All subtyped influenza A viruses

### **IV Antiviral Resistance**

The Centers for Disease Control and Prevention (CDC) complete antiviral susceptibility testing on isolates submitted by various countries in the Region. To date, all 163 samples submitted from 18 countries were found to be sensitive to neuraminidase inhibitors (oseltamivir and zanamivir) but resistant to adamantanes.

As of EW 40, the United States and Canada each reported a new case oseltamivir-resistant pandemic (H1N1) 2009, bringing their total to 13 and 3 cases, respectively.

## Annex 1: Weekly monitoring of pandemic epidemiological indicators for countries that provided updated information. Region of the Americas.

| Country                          | Geographic<br>spread | Trend      | Intensity       | Impact on Health<br>Care Services | EW |
|----------------------------------|----------------------|------------|-----------------|-----------------------------------|----|
| Antigua and Barbuda              | oprodu               |            |                 |                                   |    |
| Argentina                        | Widespread           | Decreasing | Low or moderate | Low                               | 39 |
| Bahamas                          |                      |            |                 |                                   |    |
| Barbados                         | Widespread           | Increasing | Low or moderate | Moderate                          | 39 |
| Belize                           |                      |            |                 |                                   |    |
| Bolivia                          | Widespread           | Decreasing | Low or moderate | Low                               | 40 |
| Brazil                           | Regional             | Decreasing | Low or moderate | Moderate                          | 40 |
| Canada                           | Widespread           | Increasing | Low or moderate |                                   | 40 |
| Chile                            |                      |            |                 |                                   |    |
| Colombia                         | Widespread           | Increasing | Low or moderate | Low                               | 40 |
| Costa Rica                       | Widespread           | Decreasing | Low or moderate | Moderate                          | 40 |
| Cuba                             | Widespread           | Increasing | High            | Moderate                          | 40 |
| Dominica                         | Regional             | Unchanged  | Low or moderate | Moderate                          | 40 |
| Dominican Republic               |                      |            |                 |                                   |    |
| Ecuador                          | Widespread           | Decreasing | Low or moderate | Moderate                          | 40 |
| El Salvador                      | Regional             | Increasing | High            | Moderate                          | 40 |
| Grenada                          |                      |            |                 |                                   |    |
| Guatemala                        |                      |            |                 |                                   |    |
| Guyana                           |                      |            |                 |                                   |    |
| Haiti                            |                      |            |                 |                                   |    |
| Honduras                         | Widespread           | Decreasing | Low or moderate | Low                               | 39 |
| Jamaica                          |                      |            |                 |                                   |    |
| Mexico                           | Widespread           | Increasing | High            | Moderate                          | 40 |
| Nicaragua                        | Widespread           | Unchanged  | Low or moderate | Low                               | 40 |
| Panama                           | Widespread           | Decreasing | Low or moderate | Low                               | 40 |
| Paraguay                         | Regional             | Decreasing | High            | Moderate                          | 40 |
| Peru                             | Widespread           | Decreasing | Low or moderate | Low                               | 40 |
| Saint Kitts and Nevis            |                      |            |                 |                                   |    |
| Saint Lucia                      |                      |            |                 |                                   |    |
| Saint Vincent and the Grenadines |                      |            |                 |                                   |    |
| Suriname                         |                      |            |                 |                                   |    |
| Trinidad and Tobago              |                      |            |                 |                                   |    |
| United States of America         | Widespread           | Increasing | High            | Moderate                          | 40 |
| Uruguay                          |                      |            |                 |                                   |    |
| Venezuela                        | Widespread           | Decreasing | Low or moderate | Moderate                          | 40 |
| Antigua and Barbuda              |                      |            |                 |                                   |    |
| Argentina                        | Widespread           | Decreasing | Low or moderate | Low                               | 39 |

# Annex 2: Number of cases and deaths confirmed for the Pandemic (H1N1) 2009 virus Region of the Americas. Updated as of 16<sup>th</sup> October 2009, (17 h GMT; 12 h EST). *Source*: Ministries of Health of the countries in the Region.

| Ecuador<br>Peru<br>Venezuela<br>Caribbean Countries<br>Antigua & Barbuda<br>Bahamas<br>Barbados<br>Cuba<br>Dominica<br>Dominica<br>Dominica Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America  | 9,119<br>9,249<br>12,252<br>692<br>550<br>2,281<br>2,347<br>2,078<br>8,596<br>1,793<br>3<br>3<br>23<br>147<br>677<br>10<br>424<br>3<br>17<br>43            | 580<br>899<br>134<br>42<br>20<br>56<br>110<br>70<br>162<br>91<br>0<br>0<br>0<br>3<br>7<br>0<br>0<br>3<br>7<br>0<br>0<br>22<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 | 70<br>0<br>0<br>10<br>0<br>12<br>248<br>76<br>116<br>114<br>114<br>0<br>0<br>0<br>0<br>16<br>209<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0 |   |
|---|--|---|--|---|
| Brazil** Chile Paraguay Uruguay* Andean Area Bolivia Colombia Ecuador Peru Venezuela Caribbean Countries Antigua & Barbuda Bahamas Barbados Cuba Dominica Dominica Dominican Republic Grenada Guyana Haiti Jamaica Saint Kitts & Nevis Saint Lucia Saint Vincent & Grenadines Suriname Trinidad & Tobago Central America  | 9,249<br>12,252<br>692<br>550<br>2,281<br>2,347<br>2,078<br>8,596<br>1,793<br>3<br>3<br>23<br>1,793<br>3<br>23<br>147<br>677<br>10<br>424<br>3<br>17<br>43 | 899<br>134<br>42<br>20<br>56<br>110<br>70<br>162<br>91<br>0<br>0<br>0<br>3<br>7<br>0<br>0<br>22<br>0<br>0<br>0<br>0   | 0<br>0<br>10<br>0<br>12<br>248<br>76<br>116<br>114<br>0<br>0<br>0<br>16<br>209<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0                   |   |
| Chile<br>Paraguay<br>Uruguay*<br>Andean Area<br>Bolivia<br>Colombia<br>Ecuador<br>Peru<br>Venezuela<br>Caribbean Countries<br>Antigua & Barbuda<br>Bahamas<br>Barbados<br>Cuba<br>Dominica<br>Bahamas<br>Barbados<br>Cuba<br>Dominica<br>Cuba<br>Dominica<br>Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America | 12,252<br>692<br>550<br>2,281<br>2,347<br>2,078<br>8,596<br>1,793<br>3<br>3<br>23<br>147<br>677<br>10<br>424<br>3<br>17<br>43                              | 134<br>42<br>20<br>56<br>110<br>70<br>162<br>91<br>0<br>0<br>0<br>3<br>3<br>7<br>0<br>22<br>0<br>0<br>0<br>0  | 0<br>10<br>0<br>12<br>248<br>76<br>116<br>114<br>0<br>0<br>0<br>16<br>209<br>0<br>16<br>209<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0      | 1 |
| Paraguay<br>Uruguay*<br>Andean Area<br>Bolivia<br>Colombia<br>Ecuador<br>Peru<br>Venezuela<br>Caribbean Countries<br>Antigua & Barbuda<br>Bahamas<br>Barbados<br>Cuba<br>Dominica<br>Dominica<br>Dominica<br>Cuba<br>Dominica<br>Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America                             | 692<br>550<br>2,281<br>2,347<br>2,078<br>8,596<br>1,793<br>3<br>3<br>23<br>147<br>677<br>10<br>424<br>3<br>17<br>43  | 42<br>20<br>56<br>110<br>70<br>162<br>91<br>0<br>0<br>3<br>3<br>7<br>0<br>22<br>0<br>0<br>0   | 10<br>0<br>12<br>248<br>76<br>116<br>114<br>0<br>0<br>0<br>16<br>209<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0                             | 1 |
| Uruguay* Andean Area Bolivia Colombia Ecuador Peru Venezuela Caribbean Countries Antigua & Barbuda Bahamas Barbados Cuba Dominica Dominica Dominica Republic Grenada Guyana Haiti Jamaica Saint Kitts & Nevis Saint Lucia Saint Vincent & Grenadines Suriname Trinidad & Tobago Central America   | 550<br>2,281<br>2,347<br>2,078<br>8,596<br>1,793<br>3<br>3<br>23<br>147<br>677<br>10<br>424<br>3<br>17<br>43   | 20<br>56<br>110<br>70<br>162<br>91<br>0<br>0<br>0<br>3<br>7<br>0<br>0<br>22<br>0<br>0<br>0  | 0<br>12<br>248<br>76<br>116<br>114<br>0<br>0<br>0<br>16<br>209<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0<br>0                                   | 1 |
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| Bolivia<br>Colombia<br>Ecuador<br>Peru<br>Venezuela<br>Caribbean Countries<br>Antigua & Barbuda<br>Bahamas<br>Barbados<br>Cuba<br>Dominica<br>Dominica<br>Dominican Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America  | 2,347<br>2,078<br>8,596<br>1,793<br>3<br>3<br>23<br>147<br>677<br>10<br>424<br>3<br>17<br>43   | 110<br>70<br>162<br>91<br>0<br>0<br>0<br>3<br>7<br>0<br>22<br>0<br>0<br>0   | 248<br>76<br>116<br>114<br>0<br>0<br>0<br>16<br>209<br>0<br>0<br>0<br>0<br>0<br>0  | 1 |
| Colombia<br>Ecuador<br>Peru<br>Venezuela<br>Caribbean Countries<br>Antigua & Barbuda<br>Bahamas<br>Barbados<br>Cuba<br>Dominica<br>Dominica<br>Dominican Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America   | 2,347<br>2,078<br>8,596<br>1,793<br>3<br>3<br>23<br>147<br>677<br>10<br>424<br>3<br>17<br>43   | 110<br>70<br>162<br>91<br>0<br>0<br>0<br>3<br>7<br>0<br>22<br>0<br>0<br>0   | 248<br>76<br>116<br>114<br>0<br>0<br>0<br>16<br>209<br>0<br>0<br>0<br>0<br>0<br>0  | 1 |
| Cuba<br>Dominica<br>Dominican Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America  | 2,078<br>8,596<br>1,793<br>3<br>23<br>147<br>677<br>10<br>424<br>3<br>17<br>43   | 70<br>162<br>91<br>0<br>0<br>3<br>7<br>0<br>22<br>0<br>0  | 76<br>116<br>114<br>0<br>0<br>16<br>209<br>0<br>0<br>0<br>0<br>0   |   |
| Peru<br>Venezuela<br>Caribbean Countries<br>Antigua & Barbuda<br>Bahamas<br>Barbados<br>Cuba<br>Dominica<br>Dominica<br>Dominican Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America  | 8,596<br>1,793<br>3<br>23<br>147<br>677<br>10<br>424<br>3<br>17<br>43  | 162<br>91<br>0<br>0<br>3<br>7<br>0<br>22<br>0<br>0  | 116<br>114<br>0<br>0<br>0<br>16<br>209<br>0<br>0<br>0<br>0<br>0<br>0   |   |
| Venezuela<br>Caribbean Countries<br>Antigua & Barbuda<br>Bahamas<br>Barbados<br>Cuba<br>Dominica<br>Dominica Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America   | 1,793<br>3<br>23<br>147<br>677<br>10<br>424<br>3<br>17<br>43   | 91<br>0<br>3<br>7<br>0<br>22<br>0<br>0  | 114<br>0<br>0<br>16<br>209<br>0<br>0<br>0<br>0<br>0<br>0   |   |
| Caribbean Countries<br>Antigua & Barbuda<br>Bahamas<br>Barbados<br>Cuba<br>Dominica<br>Dominica Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America  | 3<br>23<br>147<br>677<br>10<br>424<br>3<br>17<br>43  | 0<br>0<br>3<br>7<br>0<br>22<br>0<br>0   | 0<br>0<br>16<br>209<br>0<br>0<br>0<br>0  |   |
| Antigua & Barbuda<br>Bahamas<br>Barbados<br>Cuba<br>Dominica<br>Dominican Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America  | 23<br>147<br>677<br>10<br>424<br>3<br>17<br>43   | 0<br>3<br>7<br>0<br>22<br>0<br>0  | 0<br>16<br>209<br>0<br>0<br>0  |   |
| Bahamas<br>Barbados<br>Cuba<br>Dominica<br>Dominica Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America  | 23<br>147<br>677<br>10<br>424<br>3<br>17<br>43   | 0<br>3<br>7<br>0<br>22<br>0<br>0  | 0<br>16<br>209<br>0<br>0<br>0  |   |
| Barbados<br>Cuba<br>Dominica<br>Dominican Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America  | 147<br>677<br>10<br>424<br>3<br>17<br>43   | 3<br>7<br>0<br>22<br>0<br>0   | 16<br>209<br>0<br>0<br>0<br>0  |   |
| Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America  | 677<br>10<br>424<br>3<br>17<br>43  | 7<br>0<br>22<br>0<br>0  | 209<br>0<br>0<br>0<br>0  |   |
| Dominica<br>Dominican Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America   | 10<br>424<br>3<br>17<br>43   | 0<br>22<br>0<br>0   | 0<br>0<br>0<br>0   |   |
| Dominican Republic<br>Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America   | 424<br>3<br>17<br>43   | 22<br>0<br>0  | 0<br>0<br>0  |   |
| Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America   | 3<br>17<br>43  | 0<br>0  | 0  |   |
| Grenada<br>Guyana<br>Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America<br>Belize   | 17<br>43   | 0   | 0  |   |
| Haiti<br>Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America  | 43   |   |  |   |
| Jamaica<br>Saint Kitts & Nevis<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America   |  | 0   | 0  |   |
| Saint Kitts & Nevis<br>Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America  |  |   |  |   |
| Saint Lucia<br>Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America   | 104  | 4   | 0  |   |
| Saint Vincent & Grenadines<br>Suriname<br>Trinidad & Tobago<br>Central America  | 6  | 1   | 0  |   |
| Suriname<br>Trinidad & Tobago<br>Central America  | 13   | 0   | 0  |   |
| Trinidad & Tobago<br>Central America  | 2  | 0   | 0  |   |
| Central America   | 88   | 2   | 77   |   |
|   | 158  | 2   | 61   |   |
| Belize  |  |   |  |   |
|   | 36   | 0   | 0  |   |
| Costa Rica  | 1,530  | 38  | 36   |   |
| El Salvador   | 767  | 20  | 4  |   |
| Guatemala   | 810  | 13  | 0  |   |
| Honduras  | 543  | 16  | 19   |   |
| Nicaragua   | 2,137  | 11  | 37   |   |
| Panama  | 787  | 11  | 0  |   |
| North America   |  |   |  |   |
| Canada*   | 10,156   | 80  | 0  |   |
| Mexico  | -,   | 260   | 5,327  | 1 |
| United States***  | 41,920   | 260   |  | 5 |

\*This country no longer updates on the total number of confirmed cases; only on the number of deaths. \*\*Brazil reports the number of cases of severe acute respiratory infections (SRAG) that have been confirmed for pandemic (H1N1)

2009. \*\*\* Since August 30, 2009 the United States has replaced the weekly report of all laboratory confirmed pandemic (H1N1) 2009 cases with a new reporting system of only confirmed hospitalized cases and deaths. Furthermore, the results of its syndromic surveillance of pneumonias and influenza are also notified. While the later includes all influenza subtypes, 99% of influenza viruses detected are pandemic (H1N1) 2009.

As of **16 October**, a total of **160,129 confirmed cases** have been notified in all **35 countries** in the Americas Region. A total of **3,539 deaths** have been reported among the confirmed cases in **26 countries** of the Region. Trinidad and Tobago reported its first deaths during this epidemiological week.

In addition to the figures displayed in **Annex 1**, The following overseas territories have confirmed cases of pandemic (H1N1) 2009: American Samoa, U.S. Territory (8); Guam, U.S. Territory (1); Puerto Rico, U.S. Territory (20); Virgin Islands. U.S. Territory (49); Bermuda, UK Overseas Territory (1); Cayman Islands, UK Overseas Territory (103, 1 death); British Virgin Islands, UK Overseas Territory (12); Turks and Caicos Islands (36); Martinique, French Overseas Community (44, 1 death); Guadeloupe, French Overseas Community (27); Guyane, French Overseas Community (29, 1 death);Saint-Martin, French Overseas Community (19); Saint Bartholomew, French Overseas Community (2); Netherlands Antilles, Aruba (13); Netherlands Antilles, Bonaire (31); Netherlands Antilles, Curaçao (50)\*; Netherlands Antilles, St. Eustatius (1); and Netherlands Antilles, St. Maarten (24).

\* Three cases were reported on a cruise-ship.

The distribution of cases and deaths at the first sub-national level can be found in the interactive map available through the following link: <u>http://new.paho.org/hq/images/atlas/en/atlas.html</u>