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- Viral circulation

The information below is based on reports from National Influenza Centers and influenza laboratories from the Region.

Table 3: Cumulative viral circulation in countries which reported to PAHO this week.

<table>
<thead>
<tr>
<th>Country</th>
<th>Time period</th>
<th># Samples Tested</th>
<th>% Positive Samples</th>
<th>% RSV*</th>
<th>% PIV†</th>
<th>% AdV‡</th>
<th>% Other Viruses</th>
<th>% Influenza B</th>
<th>% Influenza A</th>
<th>% Pandemic</th>
<th>% Not subtyped</th>
<th>% Seasonal H3</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAREC*</td>
<td>EW 1-33</td>
<td>145 (+)</td>
<td>--</td>
<td>17.8</td>
<td>0.4</td>
<td>0.0</td>
<td>--</td>
<td>26.1</td>
<td>54.9</td>
<td>77.1</td>
<td>17.1</td>
<td>5.8</td>
</tr>
<tr>
<td>Colombia</td>
<td>EW 1-34</td>
<td>7443</td>
<td>9.0</td>
<td>14.8</td>
<td>3.7</td>
<td>1.8</td>
<td>0.0</td>
<td>5.4</td>
<td>74.3</td>
<td>80.2</td>
<td>0.0</td>
<td>19.8</td>
</tr>
<tr>
<td>Costa Rica</td>
<td>EW 1-33</td>
<td>4129</td>
<td>50.3</td>
<td>19.6</td>
<td>12.0</td>
<td>25.2</td>
<td>0.0</td>
<td>0.0</td>
<td>43.2</td>
<td>75.4</td>
<td>0.0</td>
<td>24.6</td>
</tr>
<tr>
<td>Cuba</td>
<td>EW 1-33</td>
<td>7928</td>
<td>25.1</td>
<td>2.7</td>
<td>8.8</td>
<td>1.6</td>
<td>36.5</td>
<td>1.5</td>
<td>49.0</td>
<td>87.5</td>
<td>3.9</td>
<td>8.6</td>
</tr>
<tr>
<td>Dominican Republic</td>
<td>EW 1-34</td>
<td>690</td>
<td>32.6</td>
<td>7.1</td>
<td>38.2</td>
<td>22.7</td>
<td>0.0</td>
<td>4.9</td>
<td>27.1</td>
<td>0.0</td>
<td>36.1</td>
<td>63.9</td>
</tr>
<tr>
<td>Mexico</td>
<td>EW 1-33</td>
<td>14907</td>
<td>23.5</td>
<td>23.5</td>
<td>23.5</td>
<td>23.5</td>
<td>23.5</td>
<td>23.5</td>
<td>23.5</td>
<td>23.5</td>
<td>23.5</td>
<td>23.5</td>
</tr>
<tr>
<td>Nicaragua</td>
<td>EW 1-33</td>
<td>2100</td>
<td>28.8</td>
<td>16.7</td>
<td>3.5</td>
<td>2.3</td>
<td>16.0</td>
<td>61.3</td>
<td>2.7</td>
<td>0.0</td>
<td>97.3</td>
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</tr>
<tr>
<td>Panama</td>
<td>EW 1-33</td>
<td>1077</td>
<td>22.2</td>
<td>2.9</td>
<td>5.0</td>
<td>1.3</td>
<td>0.0</td>
<td>5.9</td>
<td>84.9</td>
<td>3.4</td>
<td>11.8</td>
<td>84.7</td>
</tr>
</tbody>
</table>

Table 4: Viral circulation in last week reported

<table>
<thead>
<tr>
<th>Country</th>
<th>Time period</th>
<th># Samples Tested</th>
<th>% Positive Samples</th>
<th>% RSV*</th>
<th>% PIV†</th>
<th>% AdV‡</th>
<th>% Other Viruses</th>
<th>% Influenza B</th>
<th>% Influenza A</th>
<th>% Pandemic</th>
<th>% Not subtyped</th>
<th>% Seasonal H3</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAREC*</td>
<td>EW 32</td>
<td>16 (+)</td>
<td>--</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>--</td>
<td>6.3</td>
<td>93.8</td>
<td>60.0</td>
<td>33.3</td>
<td>6.7</td>
</tr>
<tr>
<td>Colombia</td>
<td>EW 32</td>
<td>75</td>
<td>0.0</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Costa Rica</td>
<td>EW 33</td>
<td>108</td>
<td>63.0</td>
<td>19.1</td>
<td>0.0</td>
<td>29.4</td>
<td>0.0</td>
<td>0.0</td>
<td>51.5</td>
<td>0.0</td>
<td>0.0</td>
<td>100.0</td>
</tr>
<tr>
<td>Cuba</td>
<td>EW 33</td>
<td>181</td>
<td>29.8</td>
<td>3.7</td>
<td>1.9</td>
<td>0.0</td>
<td>31.5</td>
<td>1.9</td>
<td>61.1</td>
<td>42.4</td>
<td>0.0</td>
<td>57.6</td>
</tr>
<tr>
<td>Dominican Republic</td>
<td>EW 34</td>
<td>34</td>
<td>35.3</td>
<td>33.3</td>
<td>8.3</td>
<td>8.3</td>
<td>0.0</td>
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<td>50.0</td>
<td>0.0</td>
<td>100.0</td>
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<tr>
<td>Mexico</td>
<td>EW 32</td>
<td>41</td>
<td>41.5</td>
<td>0.0</td>
<td>5.9</td>
<td>5.9</td>
<td>11.8</td>
<td>0.0</td>
<td>76.5</td>
<td>0.0</td>
<td>84.6</td>
<td>15.4</td>
</tr>
<tr>
<td>Nicaragua</td>
<td>EW 33</td>
<td>24</td>
<td>54.2</td>
<td>46.2</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>53.8</td>
<td>0.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Panama</td>
<td>EW 32</td>
<td>33</td>
<td>0.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Respiratory Syncytial Virus
† Parainfluenza Virus
‡ Adenovirus
* Participating CAREC member countries, which include, Barbados, Dominica, Jamaica, St Vincent and the Grenadines, and Trinidad and Tobago, were assessed together
(+ ) Positives samples
South America
Southern Cone

Distribution of respiratory viruses under surveillance by EW

Argentina

Virus Respiratorios según Semana Epidemiológica. Total
País. Año 2010. n=14937

Chile

Distribución virus respiratorios por semana epidemiológica, vigilancia ISP,
Chile, sem 1 a 52 de 2009 y 1 a 33 de 2010.
Andean

Colombia
Distribution of respiratory viruses under surveillance by EW 2010

Central America

Costa Rica
Distribution of respiratory viruses under surveillance by EW 2010
Caribbean CAREC* Distribution of respiratory viruses under surveillance 2010

Cuba Distribution of respiratory viruses under surveillance by EW 2010

* Participating CAREC member countries, which include, Barbados, Dominica, Jamaica, St Vincent and the Grenadines, and Trinidad and Tobago, were assessed together.
Dominican Republic
Distribution of respiratory viruses under surveillance by EW
2010

Epidemiological Week
Number of Cases

RSV
Adenovirus
Parainfluenza
Flu A (not subtyped)
Flu A Seasonal (H1 or H3)
Flu H1N1 (pandemic)
Flu B
% Positives
**North America**

**Mexico**

Distribution of respiratory viruses under surveillance by EW 2010

- Number of Cases
- Epidemiological Week
- % Positives

- RSV
- Flu A Seasonal (H3)
- Flu H1N1 (pandemic)
- Flu B
- Parainfluenza
- Flu A (not subtyped)
- Adenovirus

**United States**

Influenza Positive Tests Reported to CDC by U.S. WHO/NREVSS Collaborating Laboratories, National Summary, 2009-10

- Week ending
- Number of Positive Cases
- Percent Positive

- M(2009 H1N1)
- M(Unable to Subtype)
- A(H2)
- A(H1)
- A(Subtyping not performed)
- B
- Percent Positive