Influenza and Other Respiratory Viruses: Surveillance in the Americas 2019

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OPS/OMS

• Background:
  ... Surveys: 2014, 2017

• Objective:
  • Comprehensive overview of the main characteristics of the systems for surveillance of influenza and other respiratory viruses (ORV) in the Region
Flunet and FluID Reporting Frequency

Flunet percentage of weeks reported in 2019

FluID percentage of weeks reported in 2019
Methods

• Online survey (English/Spanish version), June 2019
  • Addressed to: Epidemiology, laboratory, and influenza surveillance coordinators

• Structure:
  • Area 1
    • Sociodemographic indicators
  • Area 2
    • Surveillance systems
    • Surveillance maps
  • Area 3
    • Country epidemiologic and laboratory data
  • Area 4
    • FluNet/FluID reporting profile
    • Influenza vaccine profile
    • Pandemic influenza preparedness planning profile
    • Human-animal interface for influenza profile
    • Laboratory capacity profile
    • Influenza disease burden profile
## Results

<table>
<thead>
<tr>
<th>Subregion</th>
<th>Countries and territories that responded the survey*</th>
<th>Countries conducting SARI Surveillance</th>
<th>Countries conducting ILI Surveillance</th>
<th>Number of countries with National Influenza Center</th>
<th>Countries with RT-PCR Surveillance for Influenza</th>
</tr>
</thead>
<tbody>
<tr>
<td>North America (n=3)</td>
<td>3 (100%)</td>
<td>3 (100%)</td>
<td>3 (100%)</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Central America (n=6)</td>
<td>6 (100%)</td>
<td>6 (100%)</td>
<td>6 (100%)</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Caribbean (n=22)</td>
<td>18 (82%)</td>
<td>13 (72%)</td>
<td>10 (71%)</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Andean (5)</td>
<td>5 (100%)</td>
<td>4 (80%)</td>
<td>3 (80%)</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Southern Cone and Brazil (n=5)</td>
<td>5 (100%)</td>
<td>5 (100%)</td>
<td>2 (100%)</td>
<td>9</td>
<td>5</td>
</tr>
<tr>
<td>Total (n=41)</td>
<td>38 (88%)</td>
<td>32 (82%)</td>
<td>28 (86%)</td>
<td>33</td>
<td>26</td>
</tr>
</tbody>
</table>

*Member states: 35
URUGUAY – Country Profile
Improvements to highlight (1)

• Three new National Influenza Centers
• Increase in the number of laboratories with RT-PCR capacity
• Automation of the information systems – i.e. PAHO Flu
• Incorporation and reporting of Pandemic Influenza Severity Assessment (PISA)
Improvements to highlight (2)

- Progress in updating the plans for an influenza pandemic
  - Integration as part of the All-Hazards plan
- Advancement regarding intersectoral work in the animal-human interface
- Increased in the number of countries with influenza burden estimation (medical/economic)
Lessons learned and moving forward

- Country feedback about the survey
- Survey conducted early in the year
- Improving survey structure and platform
- Closer follow-up with country influenza and laboratory coordinators
- New topics to be included
  - Influenza and ORV seasonality updates
  - SARS-CoV-2 and its incorporation in the influenza surveillance platform
  - Genetic sequencing
PAHO Influenza: http://www.paho.org/influenza


PAHO FluID: http://ais.paho.org/phip/viz/flumart2015.as

Influenza Regional Reports: http://www.paho.org/influenzareport

Severe acute respiratory infections network – SARI.net: http://www.sarinet.org

¡Gracias!
Thank you!
Obrigado
Merci
Dank u

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