WHO Global RSV Surveillance based on GISRS
- Surveillance outputs

http://www.who.int/influenza/rsv/en/
Publishing RSV surveillance output

Tableau maps are not WHO compliant.

Alternative:
- Shiny package from R-studio
  - Requires a Linux server

Desktop licence

Tableau Public WHO internal server licence

FluMart Web-based interactive Tableau outputs
Tableau outputs
Examples from PAHO

Graph 2. US: Percent positivity for respiratory virus EW 46
Porcentaje de positividad para virus respiratorios, por SE 46,
2013/14 - 2017/18

Weekly and cumulative numbers of influenza and other respiratory virus, by country and EW, 2017¹
Números semanales y acumulados de influenza y otros virus respiratorios, por país y SE, 2017²

<table>
<thead>
<tr>
<th>Country/Region</th>
<th>EW 46</th>
<th>SE 47</th>
<th>Total Positive %</th>
<th>Influenza %</th>
<th>Parainfluenza %</th>
<th>Respiratory Virus %</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>3176</td>
<td>3176</td>
<td>57.4%</td>
<td>23.3%</td>
<td>42.9%</td>
<td>42.9%</td>
</tr>
<tr>
<td>Colombia</td>
<td>1722</td>
<td>1722</td>
<td>5.6%</td>
<td>10.8%</td>
<td>3.4%</td>
<td>3.4%</td>
</tr>
<tr>
<td>Ecuador</td>
<td>464</td>
<td>464</td>
<td>2.3%</td>
<td>0.0%</td>
<td>0.0%</td>
<td>2.3%</td>
</tr>
<tr>
<td>Venezuela</td>
<td>1</td>
<td>1</td>
<td>0.0%</td>
<td>0.0%</td>
<td>0.0%</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

¹Evolutionary week
²Seasonal epidemic

Respiratory syncytial virus (RSV) circulation by region, 2012-17
Circulación de virus sincicial respiratorio por región, 2012-17

Please note that the flu and virus time is converted into a week average.
Tenga en cuenta que la flu varía en una semana promedio.

World Health Organization
WHO RSV surveillance progress review meeting
Washington DC, 18-20 Dec 2017
S Hirve, GIP, WHO
Examples from NREVSS
Acknowledgements

– Julia Fitzner
– Aspen Hammond
– Paulina Sosa
– Joanna Ellis
Issues for discussion

● How can the surveillance outputs be presented more meaningfully?
  – Stratify by presence of absence of fever
  – Stratify by RSV type

● Graphs, tables or maps?

● How can the functionality of the outputs be enhanced?

● Combining RSV outputs with that for influenza
  – Integrating with FluNet