TO: All Clinical and Public Health Staff
FROM: Lauren DiBiase, MS, CIC; Hospital Epidemiology
RE: Influenza and Other Respiratory Virus Surveillance Summary
DATE: October 12, 2017

**Figure 1:** weekly count of total and positive influenza PCR tests at UNC McLendon Laboratories

**Table 1:** types of influenza virus isolates identified by UNC McLendon Laboratories and NC State Laboratory of Public Health

**Figure 2:** weekly count of other respiratory viral infections at UNC McLendon Laboratories

**Figure 3:** weekly percentage of UNC ED visits due to influenza-like illness (data source: NC DETECT)

### Figure 1.

#### Weekly Influenza Laboratory Surveillance: UNC McLendon Labs

![Weekly Influenza Laboratory Surveillance: UNC McLendon Labs](image)

#### Table 1.

<table>
<thead>
<tr>
<th>Virus Type</th>
<th>UNC McLendon Laboratories</th>
<th>NC State Laboratory of Public Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (subtype unknown)</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>A (not typed)</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>A/H1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>A(H1N1) Pandemic</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>A/H3</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2</strong></td>
<td><strong>4</strong></td>
</tr>
</tbody>
</table>

*Includes isolates tested since 10/1/17*
Figure 2.

Weekly Respiratory Viral Infections Surveillance: UNC McLendon Labs

![Graph showing weekly respiratory viral infections surveillance.]

- **Y-axis**: Number of Positive Labs
- **X-axis**: Week Ending Date
- **Legend**:
  - Rhinovirus
  - RSV
  - Parainfluenza 1, 2, 3, 4
  - Adenovirus
  - Coronavirus
  - Metapneumovirus

Figure 3.

Percentage of UNC ED visits due to patients with influenza-like illness

- **Y-axis**: %ILI visits
- **X-axis**: Week Ending Date
- **Legend**:
  - %ILI Visits 2016-2017
  - %ILI Visits 2017-2018