TO:    All Clinical and Public Health Staff  
FROM:     Lauren DiBiase, MS, CIC; Hospital Epidemiology  
RE:               Influenza and Other Respiratory Virus Surveillance Summary  
DATE:   October 19, 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)

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**Figure 1.**

![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>0</td>
</tr>
<tr>
<td>A (not typed)</td>
<td>2</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>0</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>3</strong></td>
<td><strong>1</strong></td>
</tr>
</tbody>
</table>

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

**Weekly Respiratory Viral Infections Surveillance: UNC McLendon Labs**

Number of Positive Labs

0 10 20 30

Week Ending Date

- Rhinovirus
- RSV
- Parainfluenza 1, 2, 3, 4
- Adenovirus
- Coronavirus
- Metapneumovirus

Figure 3.

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

- %ILI Visits 2016-2017
- %ILI Visits 2017-2018