**Local Flu Activity Dashboard** *(All data are preliminary and may change as updated reports are received.)*

**Current Week’s Composite Intensity Indicator**

- **Minimal**
- **Low**
- **Mod**
- **High**

<table>
<thead>
<tr>
<th>Indicators</th>
<th>Week Number(s) Available</th>
<th>Current Week Value</th>
<th>% Change Chart from Last Week †</th>
<th># Weeks *</th>
<th>General Trend Line Chart ‡</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Facility Lab Data</td>
<td>35-42</td>
<td>0.7% Pos.</td>
<td>▲</td>
<td>▲</td>
<td>35-2017 Week Number 20-2018</td>
</tr>
<tr>
<td>athenaHealth® Network PCP Flu or ILI Visit</td>
<td>35-42</td>
<td>0.4 per 1,000 visits</td>
<td>▼</td>
<td>▼</td>
<td>35-2017 Week Number 20-2018</td>
</tr>
<tr>
<td>EMS Cold/Flu Symptom Runs</td>
<td>35-42</td>
<td>18 runs</td>
<td>▼</td>
<td>▼</td>
<td>35-2017 Week Number 20-2018</td>
</tr>
<tr>
<td>School Absences</td>
<td>35-42</td>
<td>8.3% Absent</td>
<td>▼</td>
<td>▼</td>
<td>35-2017 Week Number 20-2018</td>
</tr>
<tr>
<td>Hospital ED Data §:</td>
<td>35-42</td>
<td>18.1% of All ED Visits</td>
<td>▲</td>
<td>▲</td>
<td>35-2017 Week Number 20-2018</td>
</tr>
<tr>
<td>Complaint Defined as ILI</td>
<td>35-42</td>
<td>13.9% of All ED Visits</td>
<td>▲</td>
<td>▲</td>
<td>35-2017 Week Number 20-2018</td>
</tr>
<tr>
<td>Categorized as Respiratory</td>
<td>35-42</td>
<td>14,511 Total Sales</td>
<td>▲</td>
<td>▲</td>
<td>35-2017 Week Number 20-2018</td>
</tr>
<tr>
<td>OTC Cough &amp; Cold Sales</td>
<td>35-42</td>
<td>99 Total Sales</td>
<td>▲</td>
<td>▲</td>
<td>35-2017 Week Number 20-2018</td>
</tr>
<tr>
<td>Thermometer</td>
<td>35-42</td>
<td>0 Admitted (3 Since wk. 35-2017)</td>
<td>▲</td>
<td>▲</td>
<td>35-2017 Week Number 20-2018</td>
</tr>
</tbody>
</table>

**Reportable Conditions (Cumulative Numbers as of Oct 27, 2017)**

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Pediatric Influenza Associated Death Reported by Year (based on date of death)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Influenza Associated Hospitalizations (IAH) Reported by Admission Year §</td>
<td>394</td>
<td>301</td>
<td>875</td>
<td>448</td>
<td>292</td>
<td>607</td>
<td></td>
</tr>
<tr>
<td>IAH comparison by Season (October - May or Weeks 35 - 20)</td>
<td>512</td>
<td>486</td>
<td>872</td>
<td>264</td>
<td>626</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Highlights**

- In week 42 of 2017, the individual local flu activity indicator trends were mixed compared to last week. As a whole, flu intensity (composite indicator) increased slightly, but remained low for the week.
- Geographic spread and local intensity designation (Click [here](#) for definitions) = SPORADIC, LOW.
- Local medical facility labs reported 811 tests run with 6 (0.7%) positive results for week 42 of 2017.
- The percentage of ED visits for both influenza-like-illness (ILI) and respiratory symptoms increased slightly compared to last week. The percentage of ED visits for both ILI and respiratory symptoms were above their respective baseline averages for the week.
- In week 42 of 2017, the majority of trends for categories of local over-the-counter medication sales tracked increased (increase in cough and cold, thermometer, chest rub, pediatric anti-fever, adult anti-fever, and throat lozenge sales; decrease in electrolyte sales) compared to last week.
- Nationally, influenza activity was low. Please visit the CDC website for specific information (National data is usually updated on Friday of each week).

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1Interpret with caution. Indicators with small numbers subject to large weekly percentage fluctuations.
2Number of weeks: **▲** = Increase (>2%), **▼** = Decrease (>2%), **★** = Stable (-2% to +2%).
3Black line is current years data. Based on data availability, red line is historical average (excluding pandemic year).
4Data Source: Medical claims data from athenaHealth® (www.athenahealth.com). Rate of Flu or ILI visits to Franklin County, OH athenaHealth® network primary care practices/physicians. Claims data are subject to filing and processing time lags. Historical data are updated when they are received.
5Franklin County, OH residents only (based on zipcode). NOTE: Excludes one hospital system included in the past due to technical changes affecting visit classification assignment and numbers.
6Confirmed cases only. Based on jurisdiction equal to Franklin County or City of Columbus and admission date available in ODRS.
**Influenza Morbidity and Influenza-Like Illness (ILI) Reports**

In week 42, the preliminary local influenza and influenza-like-illness (ILI) visit rate to athenaHealth® providers (0.4 per 1,000 visits) decreased compared to the previous week and is below its baseline average for the week (Figure 1). The week 42 percentage of all Emergency Department (ED) visits categorized as ILI increased slightly compared to the previous week (Figure 3) and is above its historic baseline for the week.

Nationally, during week 42 of 2017, 1.3% of patient visits reported through ILINet were due to influenza-like illness (ILI). The percentage is below the national baseline of 2.2% for week 42.

**Laboratory Surveillance**

During week 42 of 2017, reporting Franklin County sentinel medical facility laboratories tested 811 specimens, with 6 (0.7%) positive (Figure 4). The total number of tests done by local reporting labs from week 35 of 2017 through week 42 of 2017 is 5,183 with 31 (0.6%) positives (14 type A, 17 type B, 0 type A and B, 0 type unknown).

Nationally in week 42 of 2017, clinical laboratories reported 11,136 specimens tested for influenza viruses, 274 (2.5%) of which were positive (188 type A, 86 type B). Public health laboratories reported testing 571 specimens, 81 of which were positive (78 type A – of which 3 were A(H1N1)pdm09, 69 were A/H3, and 6 were not subtyped; 3 type B – of which 2 were Yamagata lineage, 0 were Victoria lineage, and 1 where lineage was not performed). Please visit the CDC website for more information, including cumulative data.

In week 42 of 2017, participating Ohio clinical labs reported 3,262 specimens tested for influenza this season thus far. Positive results include: (0) A(H1N1)pdm09; (1) A/H3N2; (21) Flu A Not Subtyped, and (14) Flu B (through 10/21/17). ODH Public Health Lab reported 1 specimen tested for influenza from various submitters this season thus far. Positive results include: (1) A(H1N1)pdm09; (0) A/H3N2; (0) Influenza B (through 10/21/17). Please visit the ODH website for more information.

**ED Respiratory Visits**

In the 42nd week of 2017, the percentage of all ED visits categorized as respiratory increased compared to the percentage seen the previous week and is above its historic baseline for the week (Figure 5).

**Over-the-Counter (OTC) Medication Sales**

In week 42 of 2017, the majority of trends for categories of local over-the-counter medication sales tracked increased (increase in cough and cold, thermometer, chest rub, pediatric anti-fever, adult anti-fever, and throat lozenge sales; decrease in electrolyte sales) compared to last week.

**Additional Influenza Activity Web Links:**

Ohio Seasonal Flu Surveillance: http://www.odh.ohio.gov/seasflu/Ohio%20Flu%20Activity.aspx

CDC National Seasonal Flu Surveillance Reports: http://www.cdc.gov/flu/weekly/

Columbus & Franklin County Influenza Monitoring Summary – Week 42, 2017 (10/15/2017-10/21/2017)

Figure 1: Local Participating Outpatient Primary Care Provider Influenza or Influenza-Like-Illness Visit Rate*, Franklin County, OH

*Source: Medical Claims data from athenaHealth
Note: athenaHealth claims data are subject to filing and processing time lags. Historical data are updated when they are received.

Figure 2: Percentage of Local Outpatient Participating Provider* and CDC National Outpatient Sentinel Health Care Provider** Site visits for IILI and Associated Illnesses, 2017-18

*Source: U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) sentinel provider visits
**Source: U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) sentinel provider visits

Figure 3: Franklin County Resident IILI Defined** ED Visits, 2017-18, Franklin County, OH

*Chief complaint classifier category includes fever and cough
**Chief complaint classifier category includes “ILI”

Figure 4: Percentage of Local Reporting and National Laboratory Positive Influenza Tests by Week, 2017-18