NOTE: All data are preliminary and may change as more reports are received. As influenza season begins and ends, the number of tests conducted will be smaller than at times of peak activity; therefore, the reliability of positivity figures may decrease as a result.

Summary

- In Week 7, Clark County positivity rose to 29.4%.
- Cowlitz County influenza positivity increased to 39.6%
- The CDC reported national influenza positivity increased during Week 7, to 26.7%.
- Statewide influenza positivity, reported by the WA State Dept. of Health, increased slightly to 25.6% during Week 7.

Data from Reporting Laboratories

Clark County

The influenza positivity rate is the percent of influenza tests conducted by reporting laboratories that result positive. Traditionally, agencies including the CDC and WA State DOH use positivity ≥10% to define active influenza season.

<table>
<thead>
<tr>
<th>CDC Week</th>
<th>Date Range</th>
<th>A (H1)</th>
<th>A (H1N1)</th>
<th>A (H3)</th>
<th>A (not subtyped)</th>
<th>Type B</th>
<th>Total influenza</th>
<th>No. Tested</th>
<th>Positivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>1/27—2/2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>44</td>
<td>0</td>
<td>44</td>
<td>249</td>
<td>17.7%</td>
</tr>
<tr>
<td>6</td>
<td>2/3—2/9</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>50</td>
<td>0</td>
<td>51</td>
<td>255</td>
<td>20.0%</td>
</tr>
<tr>
<td>7</td>
<td>2/10—2/16</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>96</td>
<td>0</td>
<td>96</td>
<td>327</td>
<td>29.4%</td>
</tr>
</tbody>
</table>
The CDC, Washington State, and Oregon also collect and report influenza activity data on a weekly basis. This allows for comparisons to be made with regional and national trends as the season progresses. In Week 7, the CDC reported 26.7% of influenza tests as positive, while Washington state and Oregon reported positivities of 25.6% and 27.5% respectively. Clark County’s positivity for Week 7 was at 29.4%.

Influenza Outbreaks in Long Term Care Facilities
Clark County

Clark County Public Health identifies and responds to influenza outbreaks in long term care facilities around Clark County, in order to provide recommendations and guide further community action. So far this influenza season, four influenza outbreaks have been reported, all of which were caused by influenza A viruses.
Reporting laboratories also may provide details on what strains of influenza are reported positive. The colored bars represent how much of each strain of influenza is being reported, while the black line is the corresponding influenza positivity. The below summaries display the breakdown of influenza strains identified in positive results at the local, state, and national level, by CDC week. **During Week 7, a majority of positive influenza tests were influenza A**, with activity increasing.

**Clark County Total Season Strain Distribution, 2018-2019**
- Influenza A: 99%
- Influenza B: 1%

**Number of Positive Influenza Tests from Reporting Laboratories in Clark County, by Week**

**Number of Positive Influenza Tests by Week from Reporting Laboratories in Washington State**

**Number of Positive Influenza Tests by Week from U.S. Clinical Laboratories, Nationwide**
CCPH assesses syndromic surveillance data on influenza-like illness (ILI), in order to view community influenza activity in another way. These data are automatically reported by local hospitals to the CDC’s ESSENCE system, and reflect the proportion of individuals seen with ILI symptoms.

The ILI baseline of 0.65% is defined as the mean percent of patient visit for ILI during non-influenza weeks during the previous two seasons, plus two standard deviations.

During Week 7, Clark County ILI visits increased to 4.3%, but remained above the 0.65% baseline.

Sentinel provider data can also provide valuable information on the presence of influenza-like illness. These data are captured at the state and national level, and are defined as the percent of patient visits to a sentinel healthcare facility that meet the case definition for influenza-like illness (ILI). ILI is defined as fever ≥ 100° F AND cough and/or sore throat (in the absence of a known cause other than influenza).

During Week 7, National ILI patient visits increased slightly to 5.1%, above the CDC baseline for elevated ILI activity of 2.0%. Washington influenza-like illness activity was reported at 3.5% during Week 7 above the state baseline of 1.1%.
Cowlitz and Clark Counties are neighboring local health jurisdictions in Washington State. Although separate entities, both share a common goal of preventing disease and promoting public health. To that end, Cowlitz and Clark County often partner in disease response efforts. This year, Cowlitz and Clark counties will continue working together to provide reliable influenza surveillance data to our communities.

The influenza positivity rate is the percent of influenza tests conducted by reporting laboratories that result positive. Traditionally, agencies including the CDC and WA State DOH use positivity ≥10% to define active influenza season.
Clark County Public Health Influenza Resources

Influenza Overview:
https://www.clark.wa.gov/public-health/flu

Information for Schools and Child Day Cares:
https://www.clark.wa.gov/public-health/schools-child-day-cares

Clark County Public Health—Resources for Healthcare Providers:
  ⇒ Guidance for Outbreak Preparation and Management
  ⇒ Influenza Outbreaks in LTCFs: Frequently Asked Questions
  ⇒ Tamiflu Standing Order Template
  ⇒ Sample Line List Document
  ⇒ Inter-Facility Transfer Form

Latest Weekly Influenza Update (Full Version):

State and National Influenza Resources

National influenza surveillance data are available at:
http://www.cdc.gov/flu/weekly/

Washington influenza surveillance data are available at:
http://www.doh.wa.gov/Portals/1/Documents/5100/420-100-FluUpdate.pdf

Oregon influenza surveillance data available at:

Recommendations of the Advisory Committee on Immunization Practices – ACIP – Influenza 2017-2018:
https://www.cdc.gov/mmwr/volumes/67/rr/rr6703a1.htm

Disease outbreak news from the World Health Organization (WHO):
http://www.who.int/csr/don/en/

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