### Clark County Influenza Surveillance Update

**CDC Week 9: February 23—February 29, 2020**

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. Beginning in Week 47, the Clark County Weekly Influenza Updates now include testing data from our partners at The Vancouver Clinic, in addition to test reports from PeaceHealth, Legacy, and Kaiser.

### Summary
- Clark County influenza positivity was at 23.9% during Week 9.
- Cowlitz County partner labs reported influenza positivity at 18% in Week 9.
- The CDC reported national positivity in Week 9 was at 24.3%.
- In Week 9, Washington state influenza positivity increased to 19.7%.

### 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.

#### Positivity Rate of Influenza Tests by Week from Reporting Laboratories in Clark County

<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>7</td>
<td>2/9—2/15</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>101</td>
<td>30</td>
<td>131</td>
<td>617</td>
<td>21.2%</td>
</tr>
<tr>
<td>8</td>
<td>2/16—2/22</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>95</td>
<td>34</td>
<td>129</td>
<td>573</td>
<td>22.5%</td>
</tr>
<tr>
<td>9</td>
<td>2/23—2/29</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>130</td>
<td>25</td>
<td>155</td>
<td>650</td>
<td>23.9%</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 9, the CDC reported national positivity of 24.3%. Washington and Oregon states reported influenza positivity of 19.7% and 19.7%, respectively. Clark County’s positivity was at 24.3%, higher than regional partners and above the 10% positivity threshold.

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, six lab-confirmed influenza outbreaks have been reported.
Circulating Strains from Reporting Laboratories
Local, State, and National Data

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. Through Week 9, most positive tests were identified as influenza B, although reports of influenza A are increasing.

Clark County Total Season Strain Distribution, 2019-2020

Influenza A: 29%
Influenza B: 71%

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

Influenza A: 29%
Influenza B: 71%
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 0.73% 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 9, Clark County ILI visits were at 3.2%, above the 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 $\geq 100^\circ$ F AND cough and/or sore throat (in the absence of a known cause other than influenza).

During Week 9, National ILI patient visits were at 5.3%, above the CDC baseline for elevated ILI activity of 2.4%. Washington data from Week 9 indicated ILI visits at 4.5%.
Cowlitz County Influenza Surveillance Update

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.

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.

Data from Reporting Laboratories
Cowlitz 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.

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</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>2/9—2/15</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>12</td>
<td>5</td>
<td>17</td>
<td>90</td>
<td>19%</td>
</tr>
<tr>
<td>8</td>
<td>2/16—2/22</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>14</td>
<td>6</td>
<td>20</td>
<td>106</td>
<td>19%</td>
</tr>
<tr>
<td>9</td>
<td>2/23—2/29</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>15</td>
<td>3</td>
<td>18</td>
<td>102</td>
<td>18%</td>
</tr>
</tbody>
</table>
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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