During the week ending December 21, 2019:

- There was one new influenza-related death and no new outbreaks reported this week. Four deaths and five outbreaks at long-term care facilities have been reported this season (since 9/29/2019).
- Based on data from King County laboratories, influenza was the most commonly identified respiratory pathogen, followed by RSV and rhinovirus. The percent of positive tests for respiratory viral pathogens was comparable to rates observed this time of year and at or below peak levels observed during the previous five seasons.
- The percent of emergency department (ED) visits for influenza-like illness (ILI) is on an increasing trend, and is at or above baseline levels among all ages combined, as well as among every age group. The percent of ED ILI visits is highest in the pediatric population.
- Among children ages 5-17 years, the percent of ED ILI visits exceeded peak levels observed during four out of the five previous seasons.
Public Health - Seattle & King County
Summary of Influenza Syndromic and Laboratory Surveillance

Influenza and other respiratory pathogens, PCR testing only (NREVSS)

Please report any of the following:

- Laboratory-Confirmed influenza-associated deaths
- Patients with novel or unsubtypable influenza viruses
- Outbreaks of influenza-like illness in a long-term care facility

Reporting Timeframe
- Laboratory-Confirmed influenza-associated deaths: Within 3 business days
- Patients with novel or unsubtypable influenza viruses: Immediately
- Outbreaks of influenza-like illness in a long-term care facility: Immediately

Contact Information
- Phone: (206) 296-4774
- Fax: (206) 296-4803

Additional Resources:
- Additional King County Flu Information, Resources, and Surveillance
- UW Virology Laboratory Respiratory Virus Surveillance
- Washington State Influenza Surveillance Update
- National Influenza Update
- Global Influenza Update

Report updated on 12/24/2019
### Summary of Influenza Deaths and Long-Term Care Facility (LTCF) Influenza Outbreaks

#### Influenza Deaths in Week 51

- Influenza deaths, season to date (since 9/29/2019)
  - Flu type: A
    - 4, 80%, 37, 66%, 15, 22%, 62, 67%, 7, 39%, 49, 75%, 34, 59%
    - B
      - 1, 20%, 0, 0%, 6, 9%, 3, 3%, 7, 39%, 4, 6%, 4, 7%
    - A and B
      - 0, 0%, 1, 2%, 5, 7%, 4, 4%, 0, 0%, 2, 3%, 2.4, 4%
    - Info not available
      - 0, 0%, 5, 12%, 42, 62%, 23, 25%, 4, 22%, 10, 15%, 16.8, 29%
  - Flu vaccine status: Up to date
    - 0, 0%, 16, 31%, 26, 52%, 39, 46%, 6, 38%, 21, 49%, 21.6, 44%
    - Not up to date
      - 4, 100%, 19, 37%, 10, 20%, 20, 24%, 8, 50%, 5, 12%, 12.4, 25%
    - Unknown
      - 0, 0%, 17, 33%, 14, 28%, 25, 30%, 2, 13%, 17, 40%, 15, 31%

#### LTCF Outbreaks in Week 51

- LTCF Outbreaks, season to date (since 9/29/2019)
  - Flu type: A
    - 4, 80%, 37, 66%, 15, 22%, 62, 67%, 7, 39%, 49, 75%, 34, 59%
    - B
      - 1, 20%, 0, 0%, 6, 9%, 3, 3%, 7, 39%, 4, 6%, 4, 7%
    - A and B
      - 0, 0%, 1, 2%, 5, 7%, 4, 4%, 0, 0%, 2, 3%, 2.4, 4%
    - Info not available
      - 0, 0%, 5, 12%, 42, 62%, 23, 25%, 4, 22%, 10, 15%, 16.8, 29%
  - Flu vaccine status: Up to date
    - 0, 0%, 16, 31%, 26, 52%, 39, 46%, 6, 38%, 21, 49%, 21.6, 44%
    - Not up to date
      - 4, 100%, 19, 37%, 10, 20%, 20, 24%, 8, 50%, 5, 12%, 12.4, 25%
    - Unknown
      - 0, 0%, 17, 33%, 14, 28%, 25, 30%, 2, 13%, 17, 40%, 15, 31%

#### Total Seasonal LTCF Outbreaks

- 5, 43, 68, 92, 18, 65, 57.2

#### Total Seasonal Influenza Deaths

- 4, 52, 50, 84, 16, 43, 49

#### Flu vaccine status

- Up to date
  - 0, 0%, 16, 31%, 26, 52%, 39, 46%, 6, 38%, 21, 49%, 21.6, 44%
- Not up to date
  - 4, 100%, 19, 37%, 10, 20%, 20, 24%, 8, 50%, 5, 12%, 12.4, 25%
- Unknown
  - 0, 0%, 17, 33%, 14, 28%, 25, 30%, 2, 13%, 17, 40%, 15, 31%

Report updated on 12/24/2019