

The purpose of the weekly *Influenza Watch* is to summarize current influenza surveillance in the City of Cleveland. **Please note that reported weekly data are preliminary and may change due to delayed submissions and additional laboratory results.**

Report Contents
 Page 1: Overview & Summary
 Page 2: Virus Characteristics
 Page 3-5: Trend Graphs
 Page 6: Reporting Information

Current Week

Current Week (ending 10/27/2018)

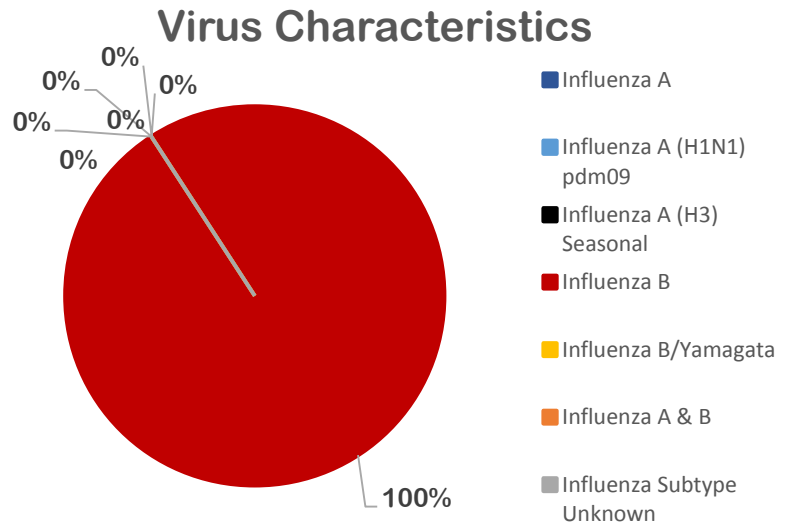
- 1 new influenza diagnoses reported this week
- Influenza-like-illness (ILI) among emergency department visits: *Expected*
- 0 influenza-associated pediatric mortalities reported this week
- 100% of influenza hospitalizations are male, 0% female.

Current Season Summary

**2
Total Case**

**0
Outbreaks**

**0
Deaths**



Previous Week

Previous Week (ending 10/20/2018)

- 0 new influenza diagnosis reported this week
- 100% of influenza hospitalizations are male, 0% female

Influenza Activity in Ohio and City of Cleveland

Influenza activity was classified as “sporadic” throughout Ohio during Week 43 (ending 10/27/2018). Through Week 43 of this influenza season, Ohio Department of Health (ODH) reported zero pediatric influenza-associated mortalities among patients under age 18 years. Public health surveillance data sources indicate minimal intensity for influenza-like illness (ILI) in outpatient settings reported by Ohio’s sentinel providers. Ohio Department of Health has reported an additional 14 influenza-associated hospitalizations this week, bringing the season (2018-2019) total to 39 influenza-associated hospitalizations. State, Regional and National data is provided by the Ohio Department of Health, [ODH Influenza Activity Summary MMWR 43](#).

In the City of Cleveland activity slightly increased from Week 42 (ending 10/20/2018). More than one peak of activity may be seen during influenza season, so any city resident over 6 months of age who has not been vaccinated this season should get the shot now to protect themselves from influenza.

Influenza Detections Reported, 2018-2019*

| Positive Test Type/Subtype | Week 43 | Total To-Date |
|----------------------------------|----------|---------------|
| Influenza A† | 0 | 0 |
| Influenza A (H1N1) Pandemic 2009 | 0 | 0 |
| Influenza A (H3) Seasonal | 0 | 0 |
| Influenza B† | 1 | 2 |
| Influenza B/Victoria | 0 | 0 |
| Influenza B/Yamagata | 0 | 0 |
| Influenza A/B† | 0 | 0 |
| Influenza Subtype Unknown | 0 | 0 |
| Total | 1 | 2 |

*Data from CDC Week 40 to Week 15.

†No further characterization performed.

Note: Totals may change due to further laboratory findings

Figure 1: Number of Emergency Department Visits for Influenza-like Illness in Week 43

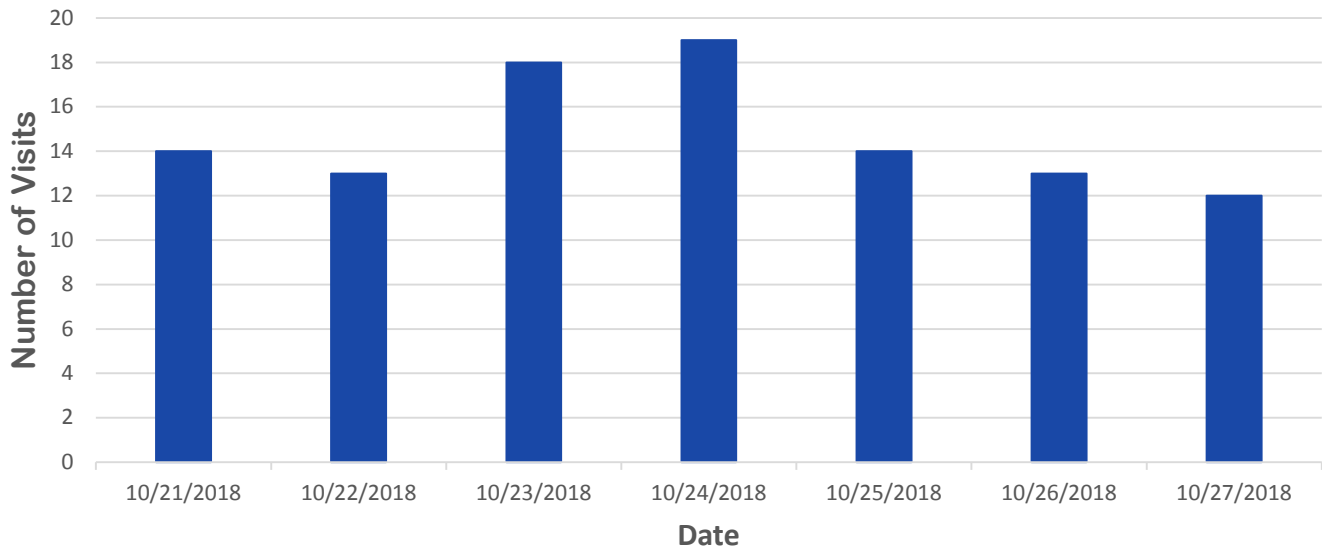


Figure 2: 2018-2019 Number of Emergency Department Influenza-like Illness Visits

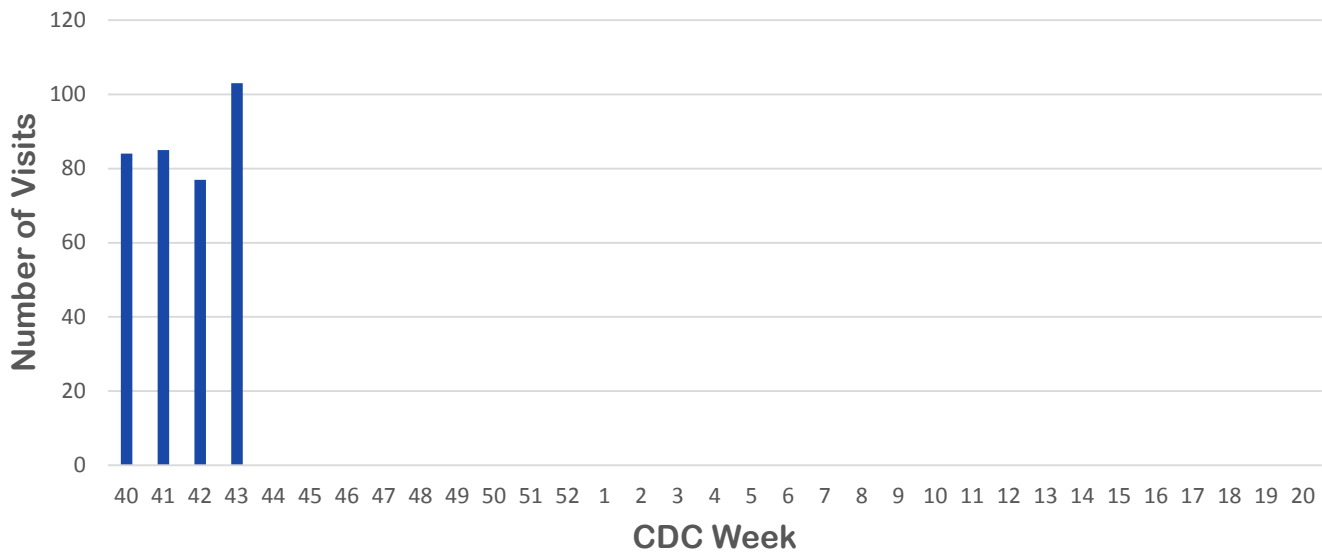


Figure 3: 2018-2019 Confirmed Influenza-Associated Hospitalizations by MMWR Week for City of Cleveland

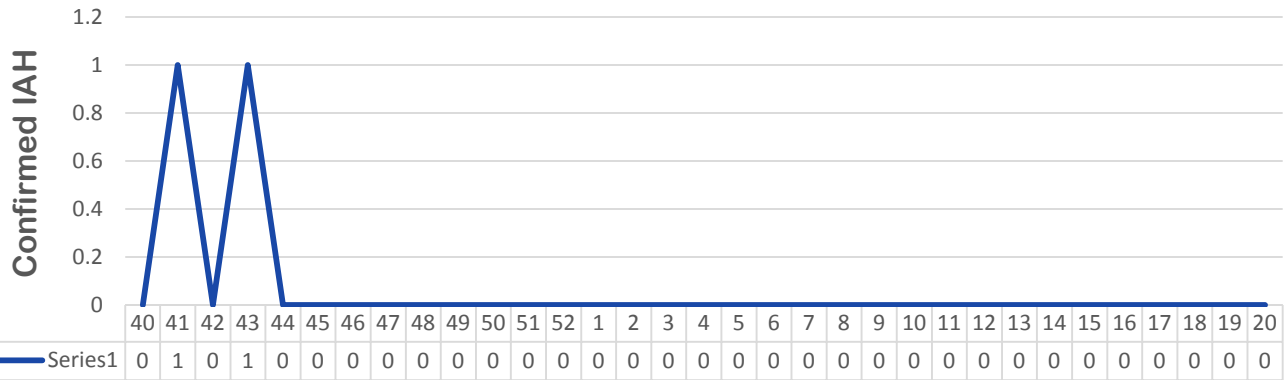
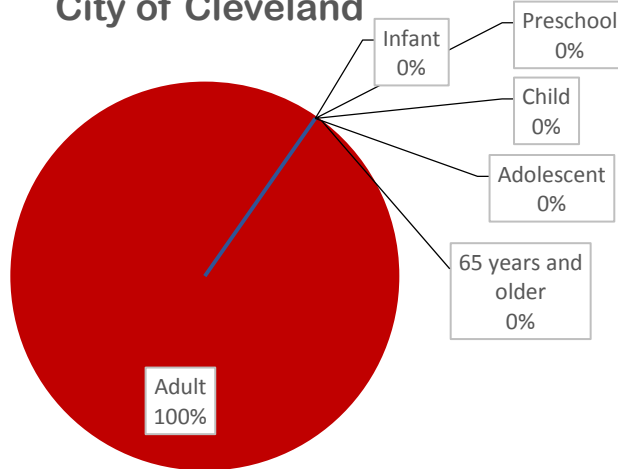


Figure 4: 2018-2019 Age Distribution of Influenza-associated Hospitalizations in City of Cleveland

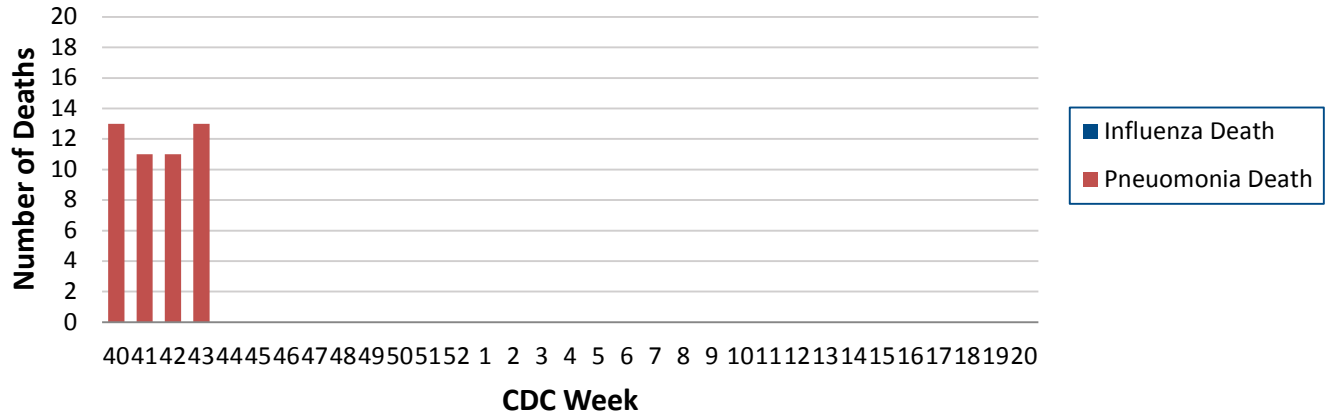


Infant: 0-2 years old
Preschool: 3-5 years old
Child: 6-12 years old
Adolescent: 13-17 years old
Adult: 18-64 years old
65 years and older

Legend: Infant (orange), Preschool (light blue), Child (grey), Adolescent (yellow), Adult (red), 65 years and older (dark blue)

| Infant | Preschool | Child | Adolescent | Adult | 65 years and older |
|--------|-----------|-------|------------|-------|--------------------|
| 0 | 0 | 0 | 0 | 2 | 0 |

Figure 5:2018-2019 Number of Deaths Due to Pneumonia and Influenza



Pneumonia and Influenza Deaths, 2018-2019*

| Age Category | Week 43 | | Total To-Date | |
|--------------------|-----------|-----------|---------------|-----------|
| | Pneumonia | Influenza | Pneumonia | Influenza |
| Under 1 | 0 | 0 | 0 | 0 |
| 1-14 years | 0 | 0 | 0 | 0 |
| 15-24 years | 0 | 0 | 1 | 0 |
| 25-44 years | 0 | 0 | 0 | 0 |
| 45-64 years | 4 | 0 | 10 | 0 |
| 65-74 years | 4 | 0 | 9 | 0 |
| 75 years and older | 5 | 0 | 17 | 0 |
| Unknown | 0 | 0 | 0 | 0 |
| Total | 13 | 0 | 37 | 0 |

*Data from CDC Week 40 to Week 15.

†Data from Cleveland Department of Health Vital Statistics Department.

Note: Totals may change due to further laboratory findings

Note 2: Location of death is in Cleveland, Ohio – not home residence location.

Influenza Reporting in the City of Cleveland

Local providers are encouraged to report laboratory positive influenza detections to Katie Romig, Chief Epidemiologist by FAX 216-664-6159. Please fax a [Case Report Form](#) and/or a printed laboratory result, and indicate if the patient was admitted to the hospital, and/or is a resident of a congregate living facility.

For questions regarding the influenza watch summary please call Katie Romig at 216-420-7743 or email to: kromig@city.cleveland.oh.us

Resources

Ohio Department of Health [Influenza](#)

City of Cleveland Department of Public Health [Flu Reports](#)

Center for Disease Control and Prevention Influenza Surveillance [Weekly Report](#)

Source/Reference: San Diego County Influenza Watch