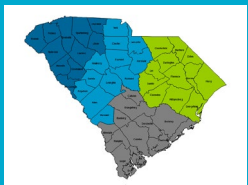


Flu Watch

MMWR Week 41: October 10 to October 16, 2021

All data are provisional and subject to change as more reports are received.

Influenza Activity



Due to the low number of reported influenza cases, the influenza activity level is not listed in this report.

Influenza Indicators

| Influenza Indicator | Change from Previous Week |
|---------------------|---------------------------|
| Lab-confirmed tests | Decreased |
| ILI Percent | No change |
| Hospitalizations | Decreased |

Regional Influenza Activity



N/A



N/A



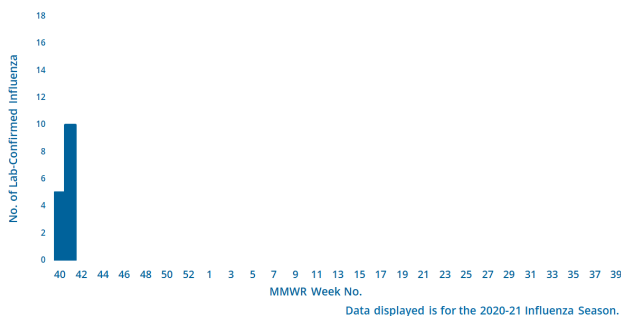
N/A



N/A

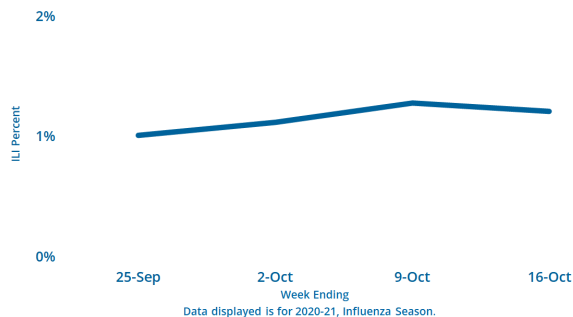
Virologic Surveillance

This week **10** lab-confirmed tests were reported. In the current flu season, there have been **15** lab-confirmed tests reported.



Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was **1.2%**, which is **below** South Carolina's baseline (**3.6%**). The ILI activity level overall was **minimal**.



Influenza-Associated Hospitalizations

This week **1** influenza-associated hospitalization was reported by **31** hospitals. The cumulative hospitalization rate is **0.1 per 100,000**. In the current flu season, there have been **4** influenza-associated hospitalizations.

Influenza-Associated Deaths

This week **0** influenza-associated deaths were reported. The cumulative mortality rate is **0.0 per 100,000**. In the current flu season, there have been **0** influenza-associated deaths.

For a description of South Carolina's influenza surveillance components and definitions go to:

<http://www.scdhec.gov/Health/DiseasesandConditions/InfectiousDiseases/Flu/FluData/>

For national surveillance, please visit:
<https://www.cdc.gov/flu/weekly/>

Virologic Surveillance

Lab-Confirmed Influenza Cases by Influenza Type to Date*

| Influenza Type | No. of Cases (%) | | | | |
|---|------------------|----------------|-----------------|----------------|------------------|
| | This Week | 2021-22 | 2020-21 | 2019-20 | 5 season average |
| Overall | 10 | 15 | 4 | 14 | 6 |
| Influenza A | 5(50.0) | 8(53.3) | 0(0.0) | 9(64.3) | 4(66.7) |
| A(H3) | -- | -- | -- | 1(11.1) | 1(25.0) |
| A(H1N1) | 1(20.0) | 1(12.5) | -- | 1(11.1) | 1(25.0) |
| A(NS)** | 4(80.0) | 7(87.5) | -- | 7(77.8) | 2(50.0) |
| Influenza B | 5(50.0) | 7(46.7) | 4(100.0) | 5(35.7) | 2(33.3) |
| B (Victoria) | -- | -- | -- | -- | -- |
| B(Yamagata) | -- | -- | -- | -- | -- |
| B (LND)+ | 5(100.0) | 7(100.0) | 4(100.0) | 5(100.0) | 2(100.0) |
| Influenza Virus Coinfection[§] | 0(0.0) | 0(0.0) | 0(0.0) | 0(0.0) | N/A |
| Influenza/SARS-CoV-2 Coinfection[¶] | 0(0.0) | 0(0.0) | 0(0.0) | 0(0.0) | N/A |

*Data presented from previous influenza seasons represents the data from that season through the same week as the current season. Nationally, the influenza season begins with MMWR week 40 and ends with MMWR week 39. The 2021-22 influenza season began on October 3, 2021 and will end on October 1, 2022.

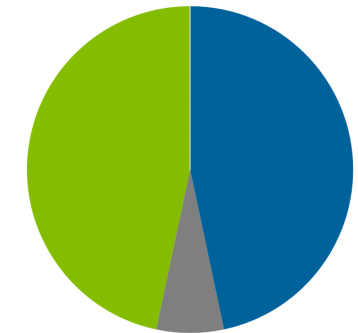
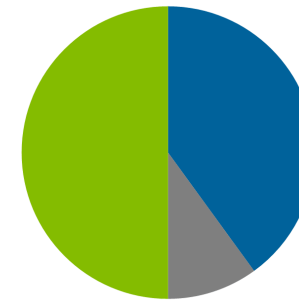
**NS - not subtyped +LND - lineage not determined

§Cases with more than one influenza A subtype in the same sample or with influenza A and B viral types in the same sample simultaneously.

Laboratory-Confirmed Influenza Cases, by Virus Type

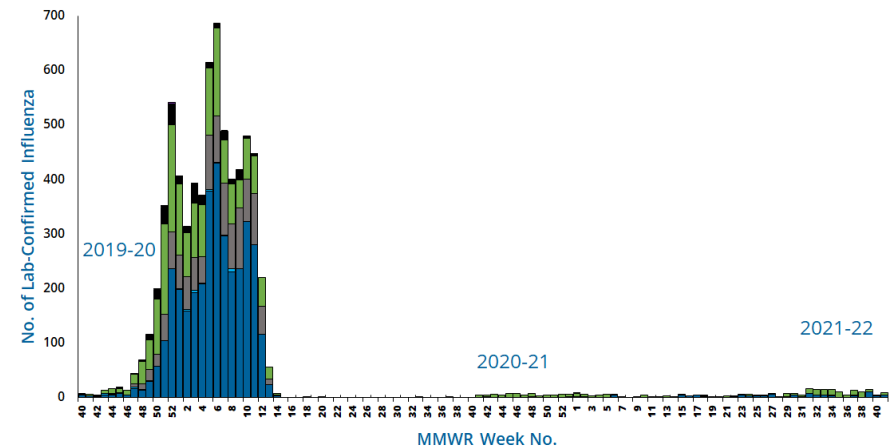
Week ending 10/16

Cumulative



■ A not subtyped ■ A(H1N1) ■ A (H3) ■ B (lineage not determined) ■ B (YAM) ■ B (VIC) ■ Co-infection

Laboratory-Confirmed Influenza Cases, 2019-20 Season to Present



■ A not subtyped ■ A(H1N1) ■ A (H3) ■ B (lineage not determined) ■ B (YAM) ■ B (VIC) ■ Co-infection

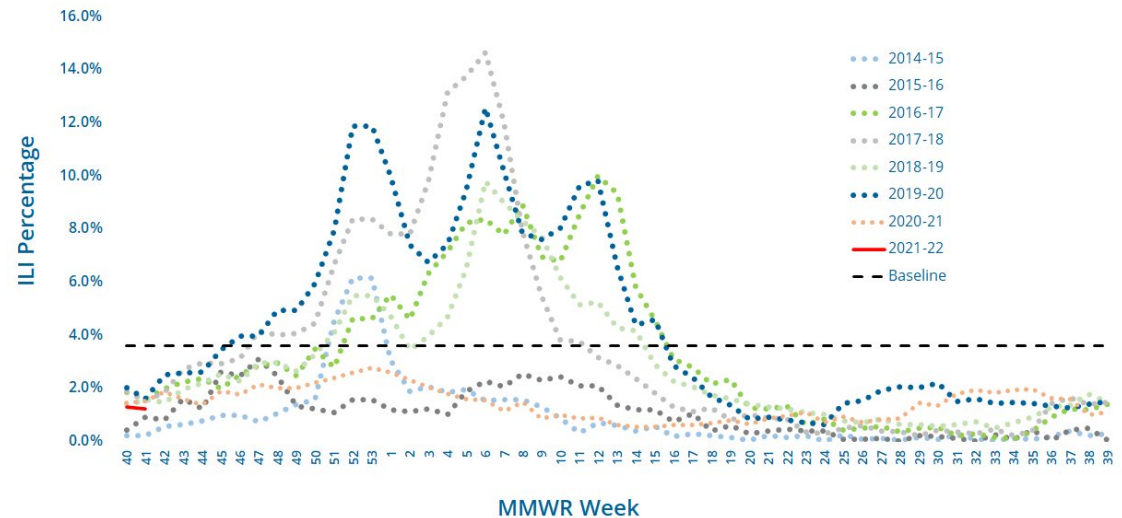
Influenza-Like Illness (ILI) Surveillance

This week, the ILI activity level was **minimal** and **1.2%** of patient visits to SC ILINet providers were attributed to an influenza-like illness. This is **below** the state baseline of **3.6%**.

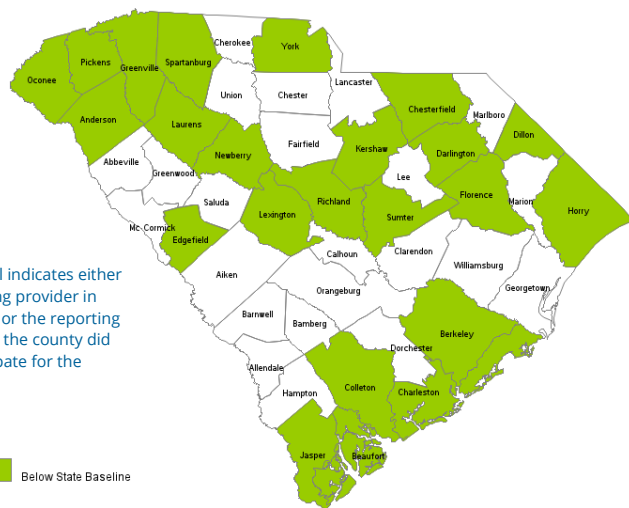
Reports were received from providers in **23** counties, representing all DHEC Public Health regions.

ILI percentage is dependent upon the number of reporting providers and/or can vary by disease activity or the number of providers submitting reports.

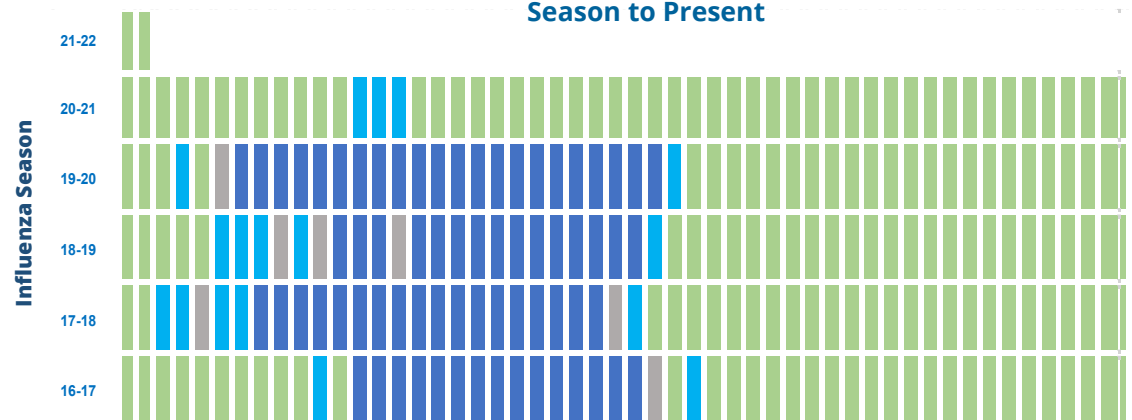
Percentage of Influenza-like Illness (ILI) Visits Reported by Sentinel Providers for Past and Current Seasons



County ILI Percent



State ILI Activity Level by MMWR Week, 2016-17 Influenza Season to Present



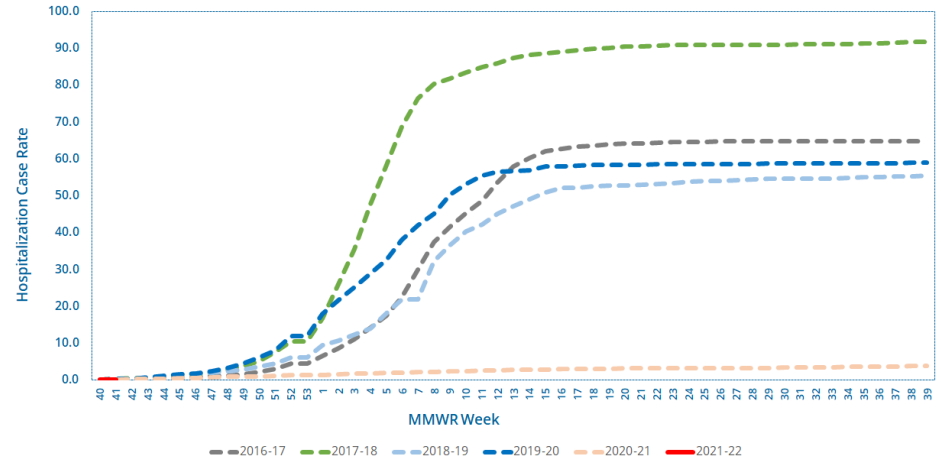
ILI ACTIVITY LEVELS: **MINIMAL** LOW MODERATE HIGH

Influenza-Associated Hospitalizations And Deaths

| Influenza-Associated Hospitalizations by Age Group* | | | | | | |
|---|--------------------------------|----------|-----------|------------|------------|----------|
| Influenza Season | No. of Hospitalizations (Rate) | | | | | |
| | Overall | Ages 0-4 | Ages 5-17 | Ages 18-49 | Ages 50-64 | Ages 65+ |
| This Week | 1(0.0) | -- | -- | -- | 1(0.1) | -- |
| 2021-22 | 4(0.1) | -- | -- | -- | 2(0.2) | 2(0.2) |
| 2020-21 | 10 (0.2) | 1(0.3) | -- | 2(0.1) | 2(0.2) | 5(0.6) |
| 2019-20 | 14 (0.3) | -- | -- | 1(0.0) | 1(0.1) | 12(1.4) |
| 5 season average | 12(0.3) | -- | 1(0.1) | 2(0.1) | 2(0.2) | 7(0.8) |

| Influenza-Associated Deaths by Age Group* | | | | | | |
|---|----------------------|----------|-----------|------------|------------|----------|
| Influenza Season | No. of Deaths (Rate) | | | | | |
| | Overall | Ages 0-4 | Ages 5-17 | Ages 18-49 | Ages 50-64 | Ages 65+ |
| This Week | 0(0.0) | -- | -- | -- | -- | -- |
| 2021-22 | 0(0.0) | -- | -- | -- | -- | -- |
| 2020-21 | 0(0.0) | -- | -- | -- | -- | -- |
| 2019-20 | 0(0.0) | -- | -- | -- | -- | -- |
| 5 season average | 1(0.0) | -- | -- | -- | -- | 1(0.0) |

Cumulative Hospitalization Rate for Past and Current Seasons



Reported Influenza-Associated Hospitalizations, 2019-20 Season to present

