

Geographic Spread



South Carolina reported **regional activity** this week.

Influenza Indicators

Influenza Indicator	Change from Previous Week
Lab-confirmed tests	No Change
ILI Percent	Increase
Hospitalizations	Increase

Regional Influenza Activity



No Change



Increase



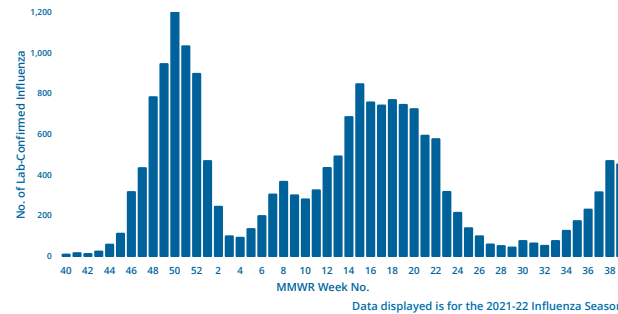
Increase



Increase

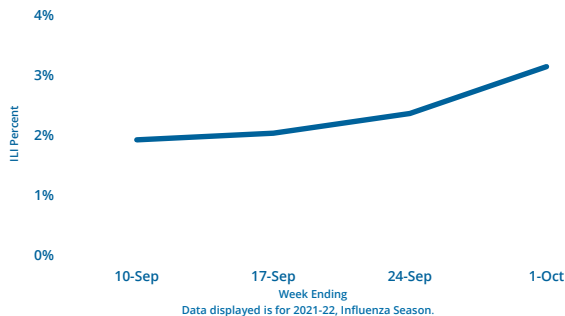
Virologic Surveillance

This week **452** lab-confirmed tests were reported. In the current flu season, there have been **19,123** lab-confirmed tests reported.



Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was **3.2%**, which is **below** South Carolina's baseline (**3.6%**). The ILI activity level overall was **low**.



Influenza-Associated Hospitalizations

This week **16** influenza-associated hospitalizations were reported by **37** hospitals. The cumulative hospitalization rate is **14.7 per 100,000**. In the current flu season, there have been **745** influenza-associated hospitalizations.

Influenza-Associated Deaths

This week, **1** influenza-associated death was reported; however, the death occurred during a previous week. The cumulative mortality rate is **0.7 per 100,000**. In the current flu season, there have been **36** influenza-associated deaths.

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	452	19,123	310	6,727	3,626
Influenza A	444(98.2)	18512(96.8)	116(37.4)	4730(70.3)	2752(75.9)
A(H3)	14(3.2)	599(3.2)	--	40(0.8)	321(11.7)
A(H1N1)	5(1.1)	567(3.1)	7(6.0)	1121(23.7)	376(13.7)
A(NS)**	425(95.7)	17346(93.7)	109(94.0)	3569(75.5)	2055(74.7)
Influenza B	8(1.8)	589(3.1)	189(61.0)	1987(29.6)	866(23.9)
B (Victoria)	--	--	--	249(12.5)	52(6.0)
B(Yamagata)	--	--	--	6(0.3)	12(1.4)
B (LND) ⁺	8(100.0)	589(100.0)	189(100.0)	1732(87.2)	802(92.6)
Influenza Virus Coinfection⁵	--	22(0.1)	5(1.6)	9(0.1)	8(0.2)

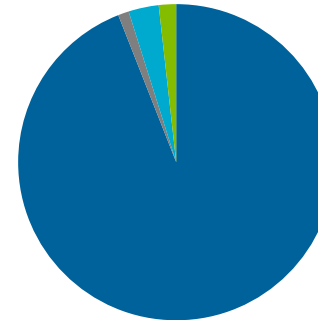
*Data presented from previous influenza seasons represents the data from that season through the same week as the current season. Nationally, the influenza season begins with MMWR week 40 and ends with MMWR week 39. The 2021-22 influenza season began on October 3, 2021 and will end on October 1, 2022.

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

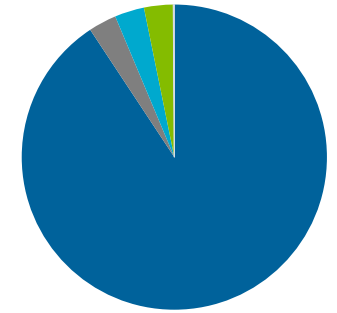
⁵Cases with more than one influenza A subtype in the same sample or with influenza A and B viral types in the same sample simultaneously.

Laboratory-Confirmed Influenza Cases, by Virus Type

Week ending 10/1

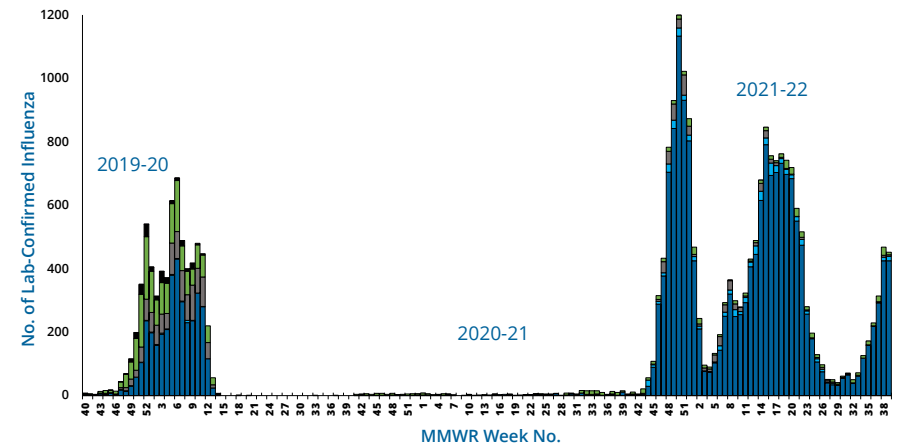


Cumulative



■ 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-Associated Hospitalizations And Deaths

Influenza-Associated Hospitalizations by Age Group*

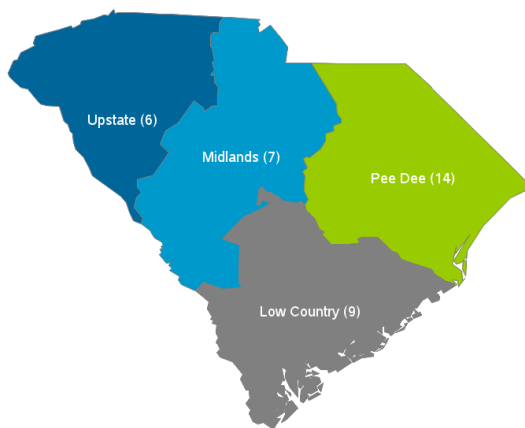
Influenza Season	No. of Hospitalizations (Rate)					
	Overall	Ages 0-4	Ages 5-17	Ages 18-49	Ages 50-64	Ages 65+
This Week	16(0.3)	1(0.3)	3(0.4)	2(0.1)	3(0.3)	7(0.8)
2021-22	745(14.7)	37(12.5)	37(4.5)	171(8.2)	155(15.4)	342(39.1)
2020-21	196(3.9)	2(0.7)	--	58(2.8)	41(4.1)	95(11.0)
2019-20	3021(60.9)	160(54.8)	147(18.2)	631(30.9)	856(86.4)	1227(147.9)
5 season average	2622(53.9)	114(39.3)	110(13.8)	414(20.5)	643(66.0)	1341(173.4)

Influenza-Associated Deaths by Age Group*

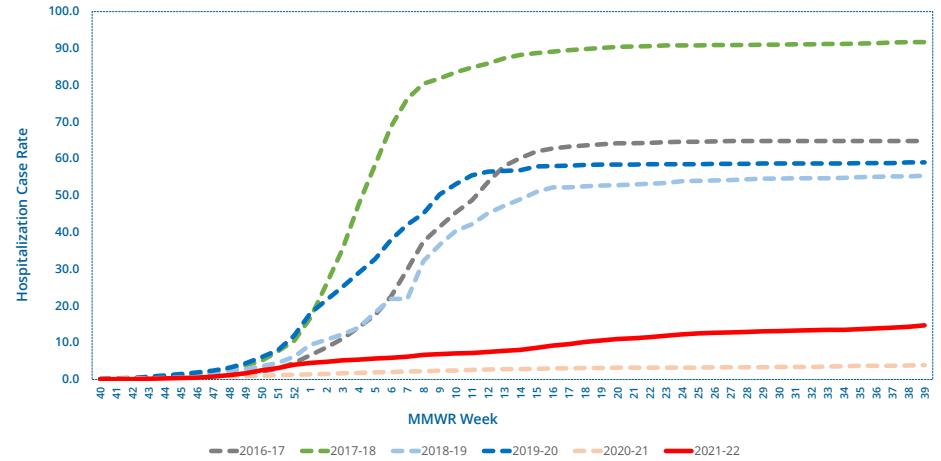
Influenza Season	No. of Deaths (Rate)					
	Overall	Ages 0-4	Ages 5-17	Ages 18-49	Ages 50-64	Ages 65+
This Week	1(0.0)	--	--	--	--	1(0.1)
2021-22	36(0.7)	--	2(0.2)	1(0.1)	10(1.0)	23(2.6)
2020-21	18(0.4)	--	--	2(0.1)	2(0.2)	14(1.6)
2019-20	140(2.8)	--	1(0.1)	24(1.2)	36(3.6)	79(9.0)
5 season average	130(2.6)	1(0.4)	1(0.1)	14(0.7)	26(2.6)	88(10.5)

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Influenza-Associated Deaths by Region



Cumulative Hospitalization Rate for Past and Current Seasons



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

