

Geographic Spread



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

Influenza Activity



Overall, there was no change in influenza activity this week.

Regional Influenza Activity



Decreased



No change



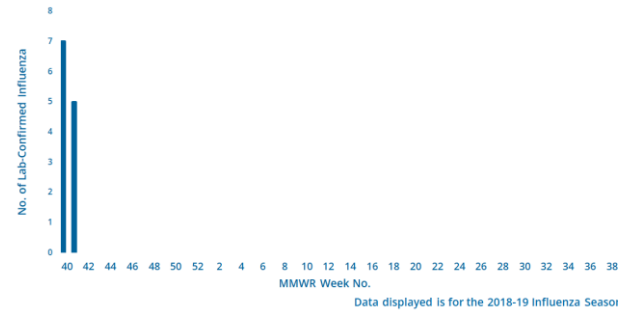
No change



Decreased

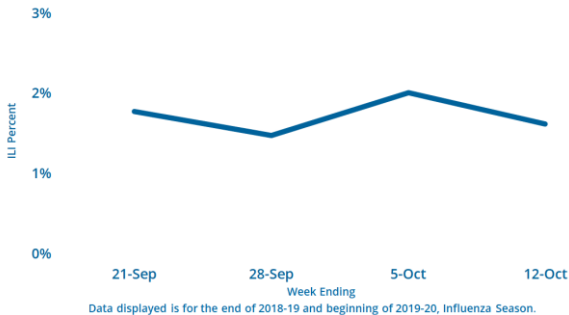
Virologic Surveillance

This week **5** lab-confirmed tests were reported. In the current flu season, there have been **12** lab-confirmed tests reported.



Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was **1.62%**, which is **below** South Carolina's baseline (**3.53%**). The ILI activity level overall was **minimal**.



Influenza-Associated Hospitalizations

This week **10** influenza-associated hospitalizations were reported by **41** hospitals. The cumulative hospitalization rate is **0.3 per 100,000**. In the current flu season, there have been **14** influenza-associated hospitalizations.

Influenza-Associated Deaths

This week **0** influenza-associated deaths were reported. In the current flu season, there have been **0** influenza-associated deaths.

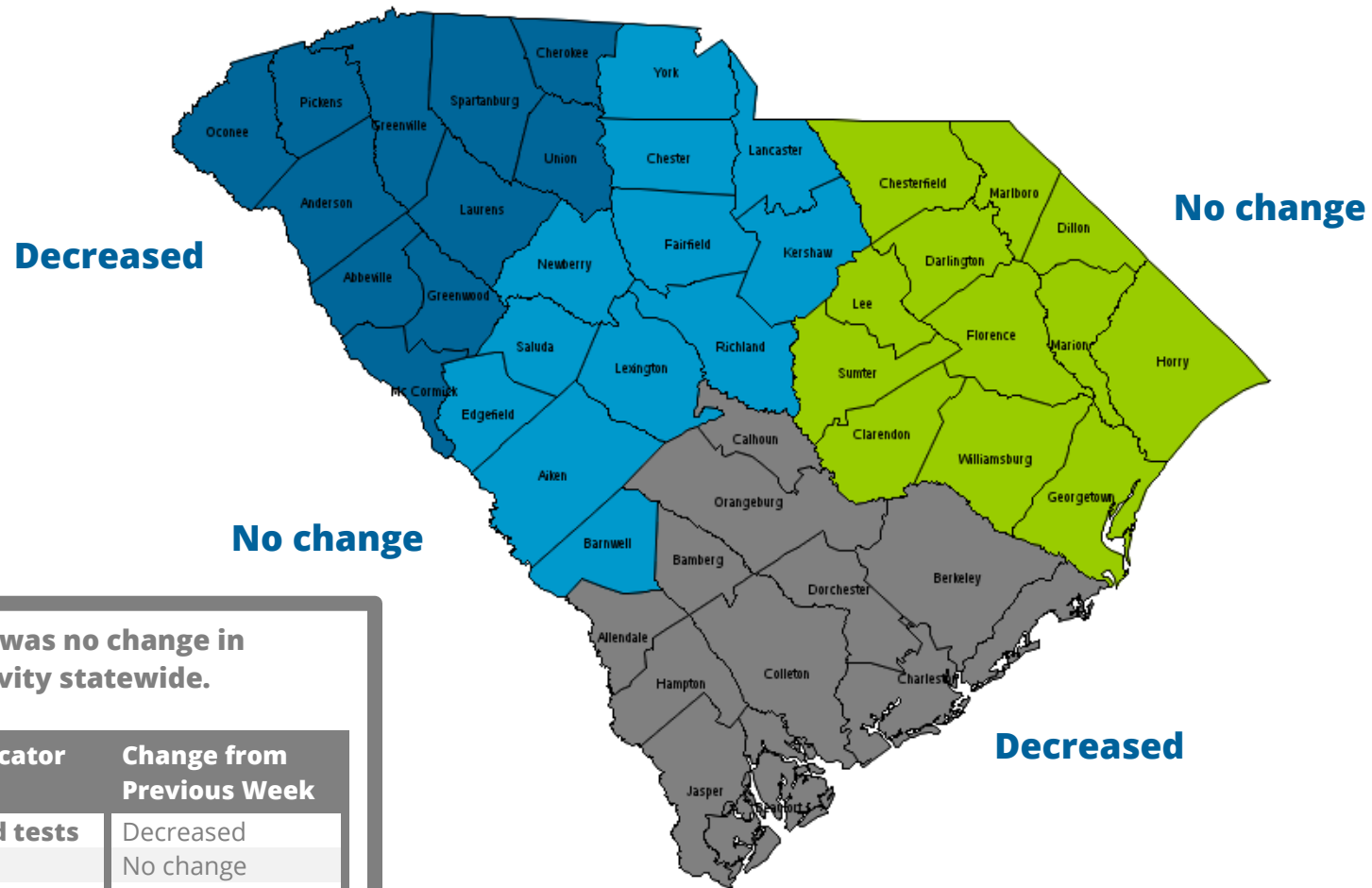
For a description of South Carolina's influenza surveillance components and definitions go to:

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

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

Influenza Activity*

In the 4 Public Health Regions, activity showed...



Overall there was no change in influenza activity statewide.

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

*Indicators for assessing influenza activity include: lab-confirmed tests, ILI percent, and hospitalizations.

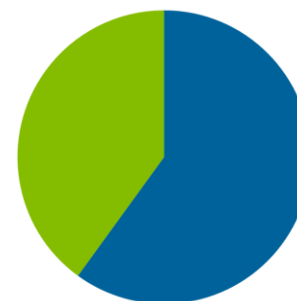
Virologic Surveillance

Influenza Type	Season Totals To Date				
	This Week	2019-20	2018-19	2017-18	5 season average
No. (%)					
Overall	5	12	1	2	4
Influenza A	3(60.0)	8(66.7)	1(100.0)	1(50.0)	3(75.0)
A(H3)	--	--	--	1(100.0)	--
A(H1N1)	--	1(12.5)	1(100.0)	--	1(33.3)
A(NS)*	3(100.0)	7(87.5)	--	--	2(66.7)
Influenza B	2(40.0)	4(33.3)	0	1(50.0)	1(25.0)
B (Victoria)	--	--	--	--	--
B(Yamagata)	--	--	--	1(100.0)	--
B (LND)+	2(100.0)	4(100.0)	--	--	1(100.0)

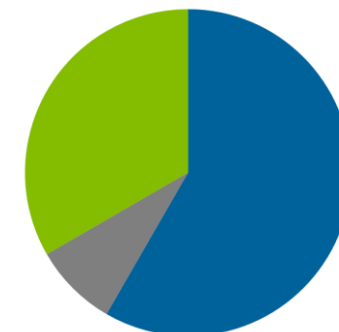
*NS - not subtyped +LND - lineage not determined

Nationally, the influenza season begins with MMWR week 40 and ends with MMWR week 39. The 2019-20 influenza season began on September 29, 2019 and will end on September 26, 2020.

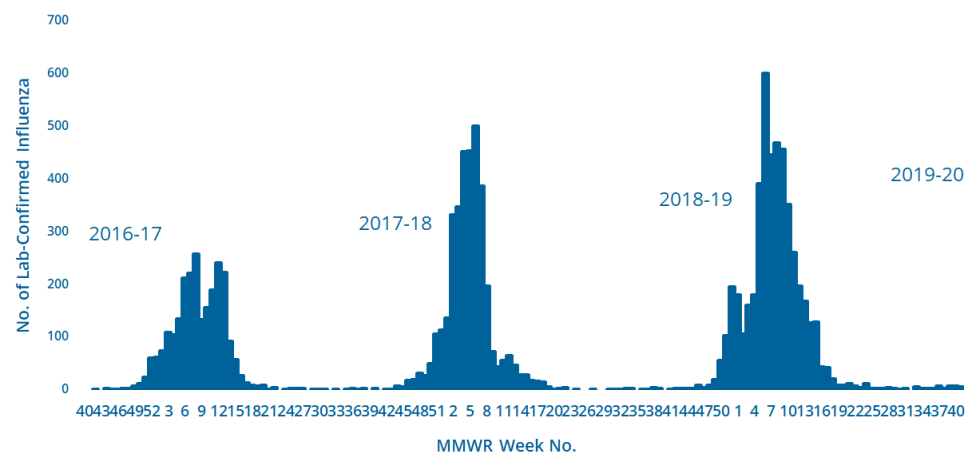
Week ending 10/12



Cumulative



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



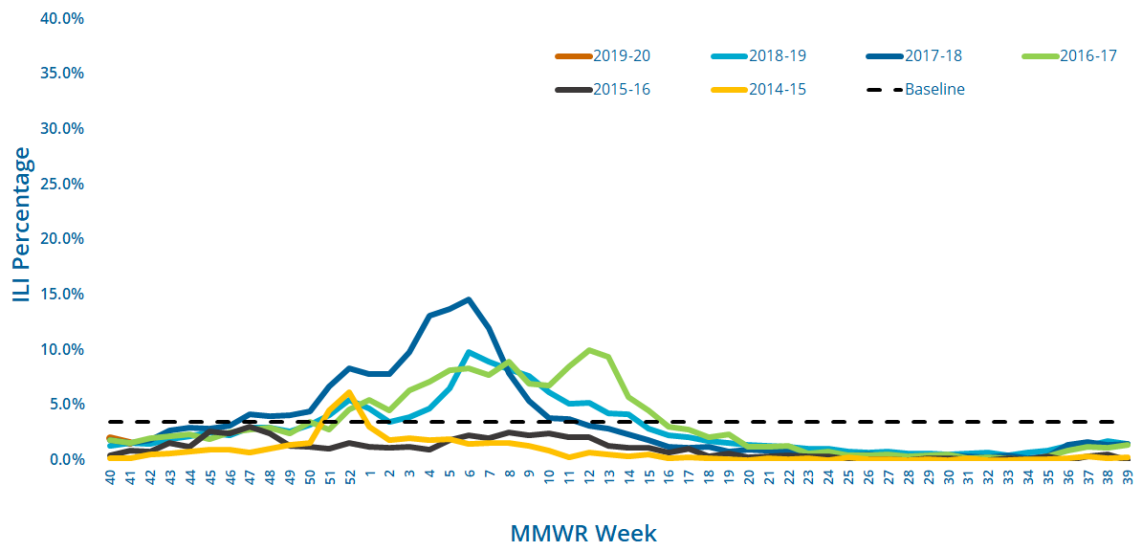
Influenza-Like Illness Surveillance

This week, the ILI activity level was **minimal** and **1.62%** of patient visits to SC ILINet providers was attributed to an influenza-like illness. This is **below** the state baseline, **3.53%**.

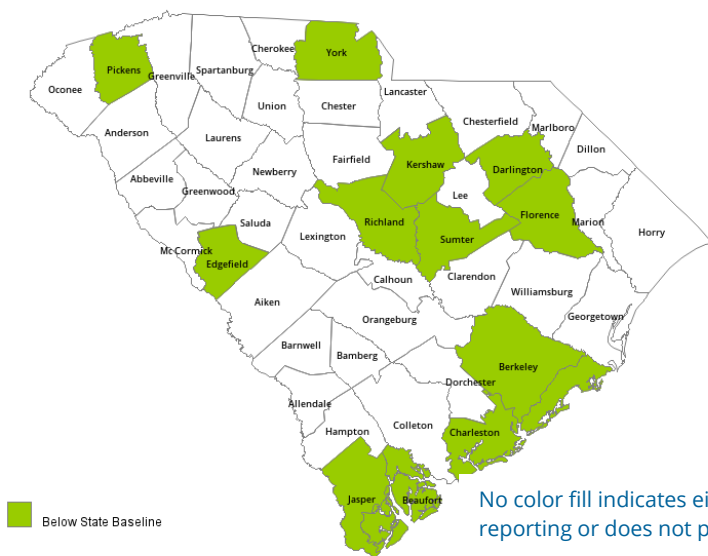
Reports were received from providers in **12** counties, representing all DHEC Public Health regions.

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 2019-20 Calendar by Week of the Year

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
40	44	48	1	5	9	14	18	22	27	31	36	
41	45	49	2	6	10	15	19	23	28	32	37	
42	46	50	3	7	11	16	20	24	29	33	38	
43	47	51	4	8	12	17	21	25	30	34	39	
		52			13			26		35		

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

Influenza-Associated Hospitalizations And Deaths

Hospitalizations No. (Rate)	Overall	Ages 0-4	Ages 5-17	Ages 18-49	Ages 50-64	Ages 65+
This Week	10(0.2)	--	--	1(0.1)	1(0.1)	8(0.5)
2019-20	14(0.3)	--	--	1(0.1)	1(0.1)	12(1.4)
2018-19	7(0.1)	--	2(0.2)	3(0.1)	--	2(0.3)
2017-18	18(0.4)	1(0.3)	1(0.1)	2(0.1)	5(0.5)	9(1.4)
5 season average	13(0.3)	1(0.1)	1(0.1)	3(0.1)	2(0.2)	7(1.1)

Deaths No. (Rate)	Overall	Ages 0-4	Ages 5-17	Ages 18-49	Ages 50-64	Ages 65+
This Week	--	--	--	--	--	--
2019-20	--	--	--	--	--	--
2018-19	--	--	--	--	--	--
2017-18	--	--	--	--	--	--
5 season average	1(0.0)	--	--	--	--	1(0.1)

