

Geographic Spread



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

Influenza Activity



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

Regional Influenza Activity



No change



No change



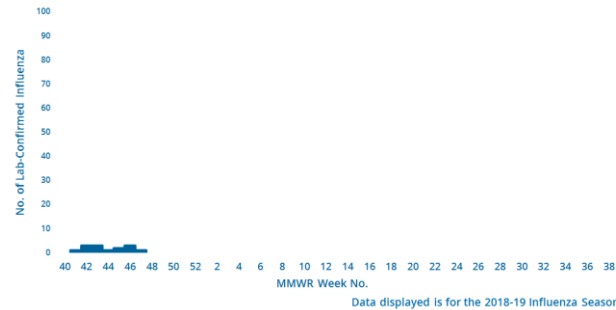
No change



Increase

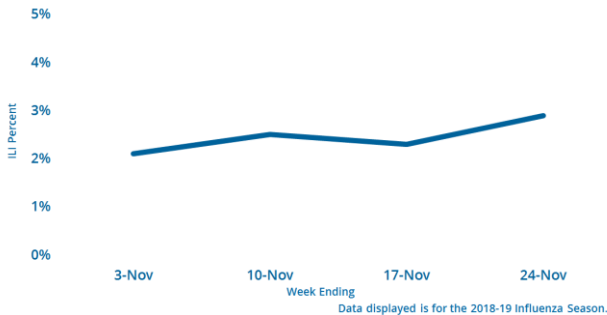
Virologic Surveillance

This week there was **1** lab-confirmed test reported. Influenza A(H1N1) was most frequently reported. In the current flu season, there has been **14** lab-confirmed tests reported.



Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was **2.95%**, which is below South Carolina's baseline (**3.53%**). The ILI activity level overall was **low**.



Influenza-Associated Hospitalizations

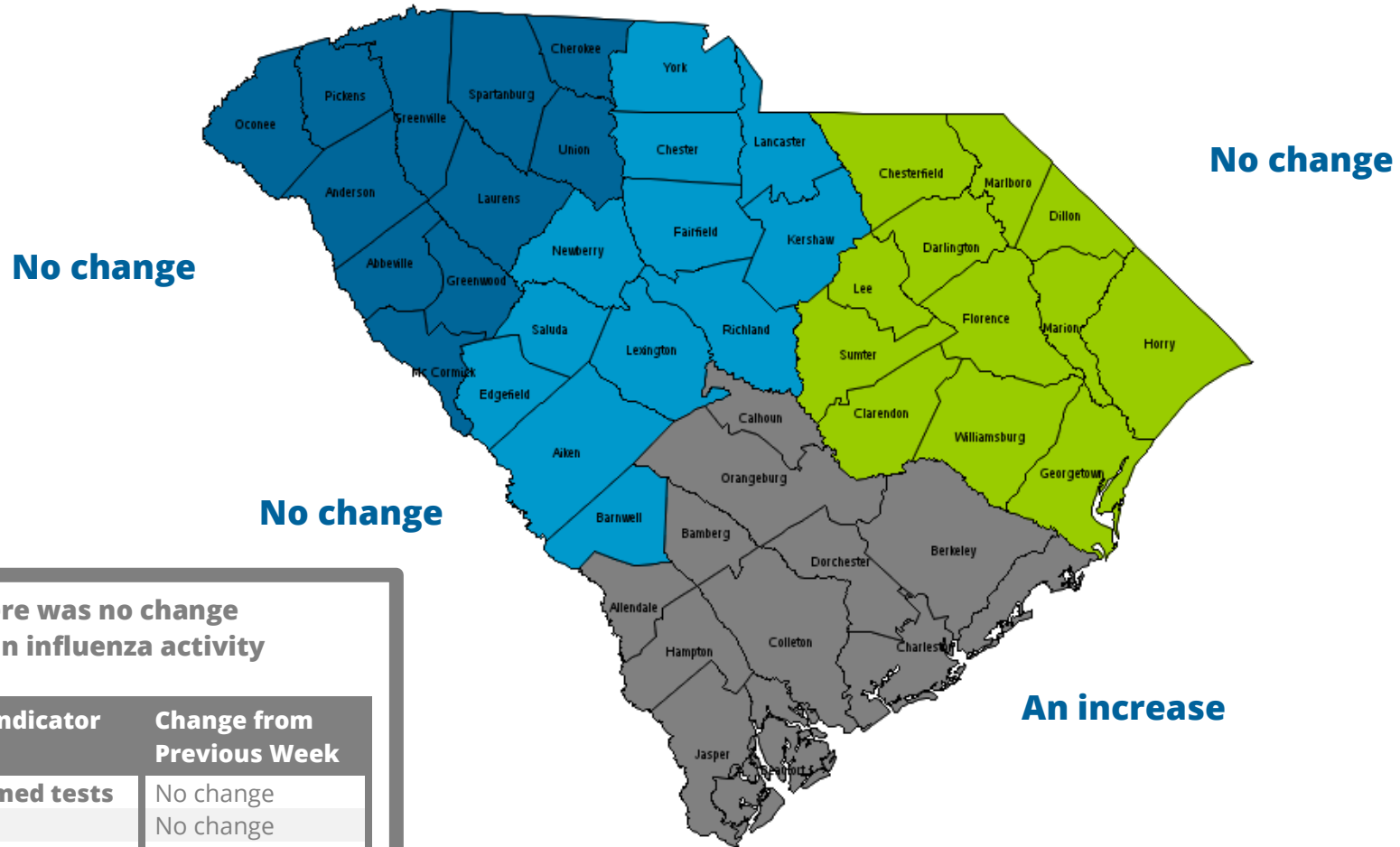
This week **16** influenza-associated hospitalizations were reported by **45** hospitals. The cumulative hospitalization rate is **2.0 per 100,000**. In the current flu season, there have been **100** influenza-associated hospitalizations.

Influenza-Associated Deaths

This week **1** influenza-associated death was reported. The cumulative mortality rate is **0.1 per 100,000**. In the current flu season, there have been **3** influenza-associated deaths.

Influenza Activity*

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



Overall there was no change statewide in influenza activity

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

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

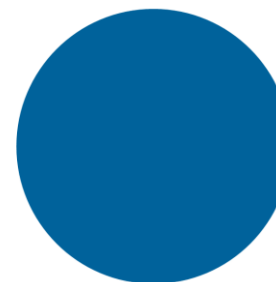
Virologic Surveillance

Influenza Type	Season Totals To Date					
	No. (%)	This Week	2018-19	2017-18	2016-17	5 season average
Overall		1	14	53	7	30
Influenza A		1 (100)	12(85.7)	49(92.4)	6(85.7)	27(90)
A(H3)		--	2(16.7)	20(40.8)	2(33.3)	9(33.3)
A(H1N1)		1(100)	6(50)	2(4.1)	--	9(33.3)
A(NS)*		--	4(33.3)	27(55.1)	4(66.7)	9(33.4)
Influenza B		0	2(14.3)	4(7.6)	1(14.3)	3(10)
B (Victoria)		--	--	--	--	0
B (Yamagata)		--	--	1(25)	--	0
B (LND)+		--	2(100)	3(75)	1(100)	3(100)

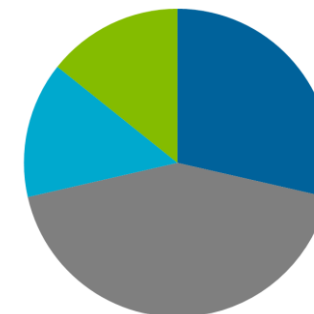
*NS - not subtyped +LND - lineage not determined

Nationally, the influenza season begins with MMWR week 40 and ends with MMWR week 39. The 2018-19 influenza season began on September 30, 2018 and will end on September 28, 2019.

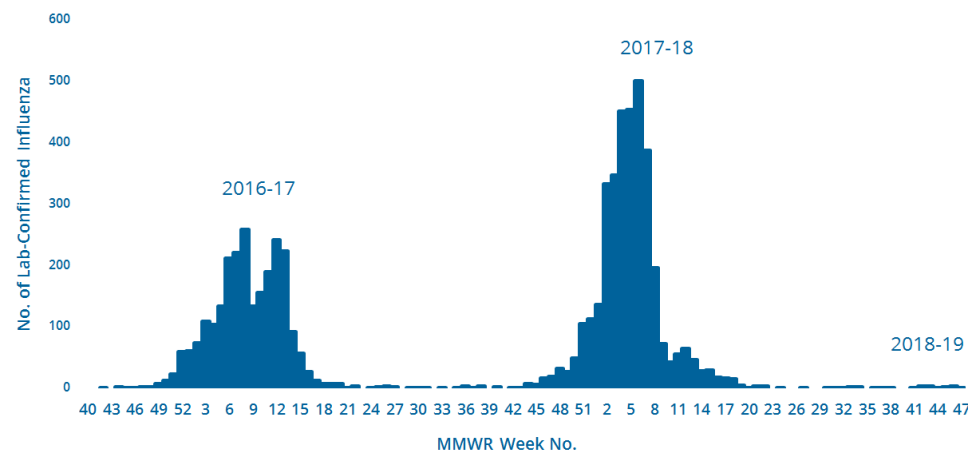
Week ending 11/24



Cumulative



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



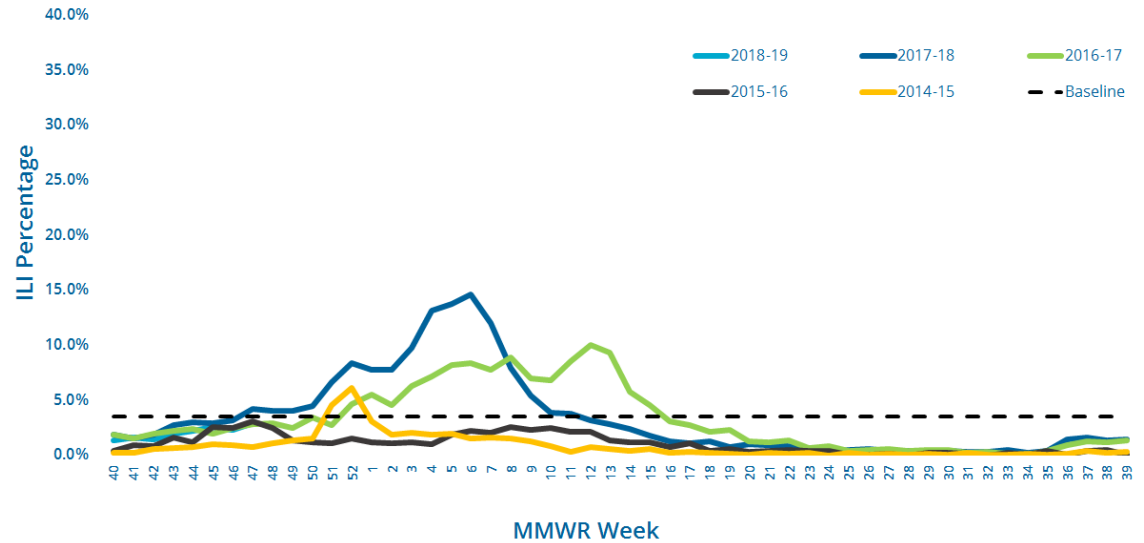
Influenza-Like Illness Surveillance

This week, the ILI activity level was **low** and **2.95%** of patient visits to SC ILINet providers was attributed to an influenza-like illness. This is **below** the state baseline, **3.53%**.

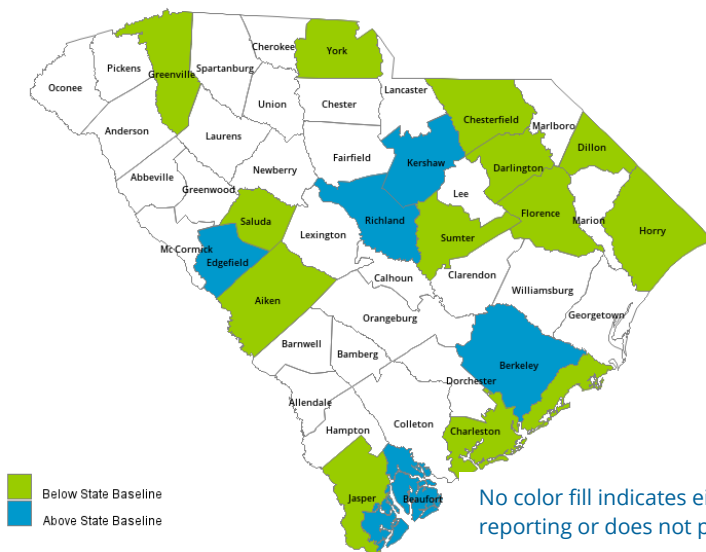
Reports were received from providers in 17 counties, representing all DHEC Public Health regions.

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 2018-19 Calendar by Week of the Year

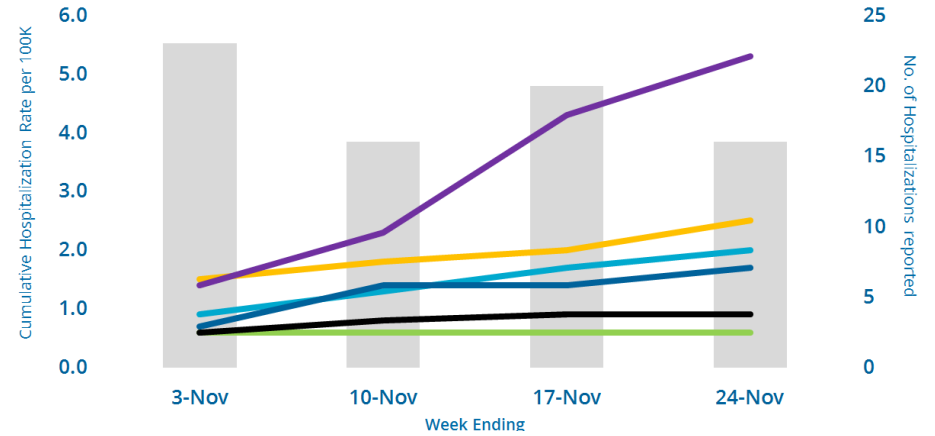
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
40	40	44	48	1	5	9	14	18	22	27	31	36
41	41	45	49	2	6	10	15	19	23	28	32	37
42	42	46	50	3	7	11	16	20	24	29	33	38
43	43	47	51	4	8	12	17	21	25	30	34	39
			52			13			26		35	

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	16(0.3)	1(0.3)	--	2(0.1)	4(0.4)	9(1.0)
2018-19	100(2.0)	5(1.7)	5(0.6)	20(0.9)	25(2.5)	46(5.3)
2017-18	101(2.0)	6(2.0)	3(0.4)	14(0.7)	21(2.1)	57(6.6)
2016-17	51(1.0)	1(0.3)	1(0.1)	7(0.3)	15(1.5)	27(3.3)
5 season average	105(2.1)	10(3.3)	7(0.9)	21(1.0)	26(2.6)	41(5.1)

Deaths No. (Rate)	Overall	Ages 0-4	Ages 5-17	Ages 18-49	Ages 50-64	Ages 65+
This Week	1(0.0)	1(0.3)	--	--	--	--
2018-19	3(0.1)	1(0.3)	--	--	--	2(0.2)
2017-18	6(0.1)	--	--	--	1(0.1)	5(0.6)
2016-17	2(0.0)	--	--	--	--	2(0.2)
5 season average	4(0.1)	0	0	0	1(0.1)	3(0.3)



Influenza-Associated Deaths by Region

