

## Geographic Spread



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

## Influenza Activity



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

## Regional Influenza Activity



No change



No change



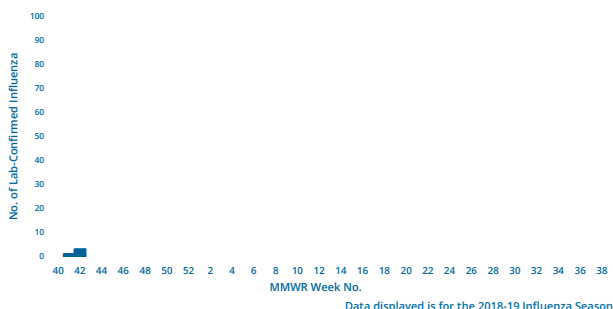
No change



No change

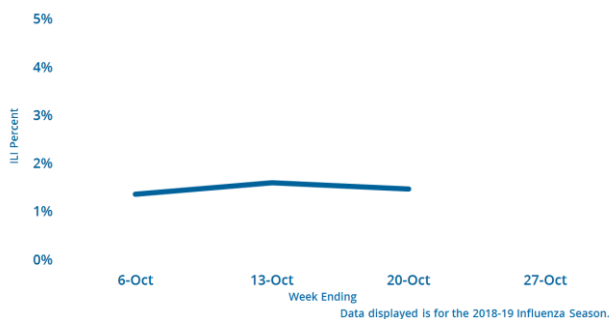
## Virologic Surveillance

This week there were **3** lab-confirmed tests reported. Influenza B was most frequently reported. In the current flu season, there has been **4** lab-confirmed tests reported.



## Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was **1.48%**, which is below South Carolina's baseline (**3.53%**). The ILI activity level overall was **minimal**.



## Influenza-Associated Hospitalizations

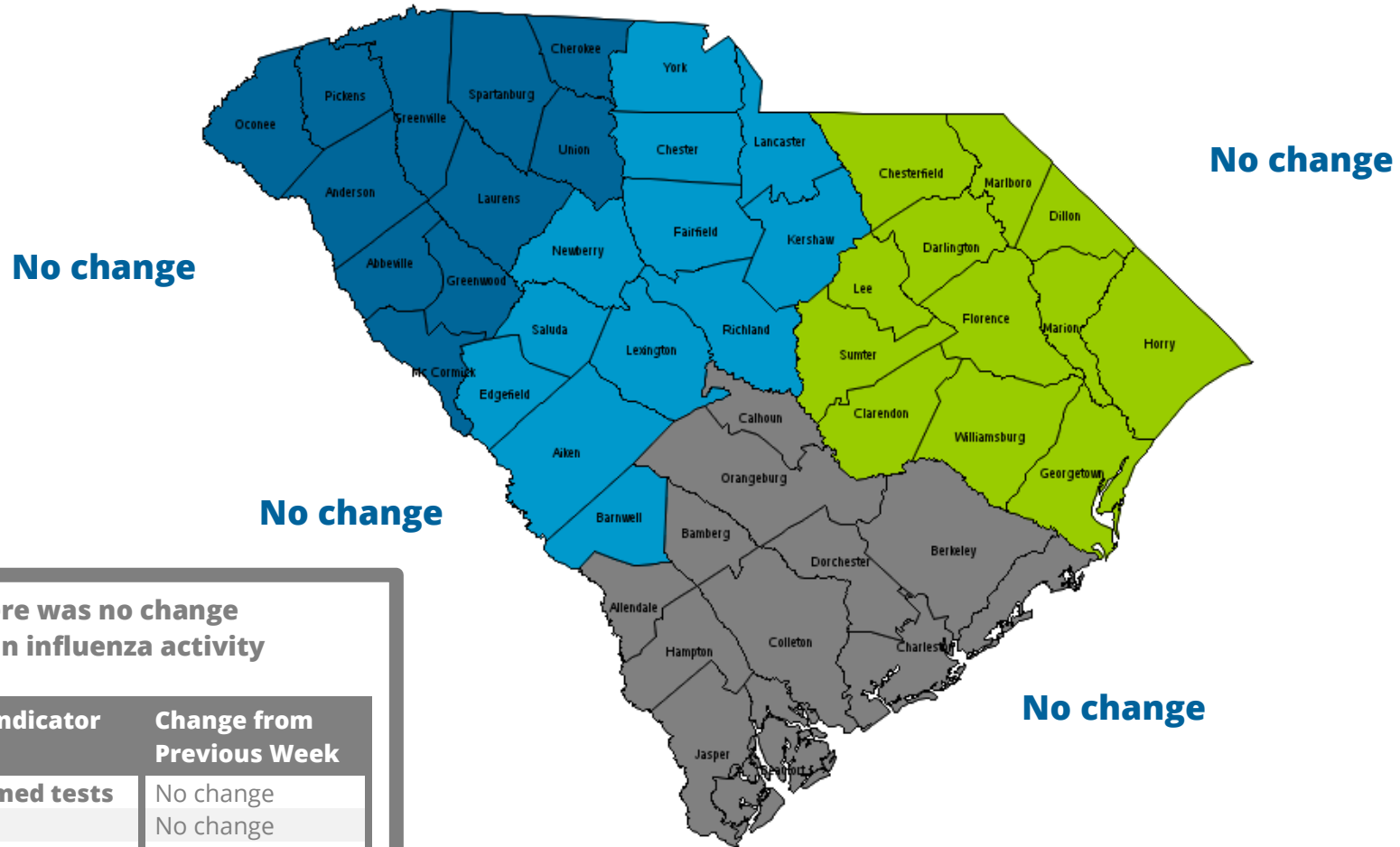
This week **7** influenza-associated hospitalizations were reported by **36** hospitals. The cumulative hospitalization rate is **0.4 per 100,000**. In the current flu season, there have been **14** influenza-associated hospitalizations.

## Influenza-Associated Deaths

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

# 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.

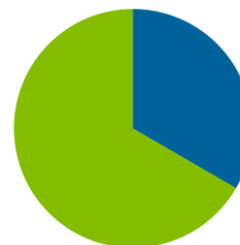
# Virologic Surveillance

Influenza Type	Season Totals To Date				
	This Week	2018-19	2017-18	2016-17	5 season average
<b>Overall</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>4</b>
<b>Influenza A</b>	<b>1 (33.3)</b>	<b>2(50)</b>	<b>2 (66.7)</b>	<b>1(100)</b>	<b>3(75)</b>
A(H3)	--	--	2(100)	1(100)	1(25)
A(H1N1)	--	1(50)	--	--	2(50)
A(NS)*	1 (100)	1(50)	--	--	1(25)
<b>Influenza B</b>	<b>2 (66.7)</b>	<b>2(50)</b>	<b>1 (33.3)</b>	<b>0</b>	<b>1(25)</b>
B (Victoria)	--	--	--	--	0
B (Yamagata)	--	--	1(100)	--	0
B (LND)+	2 (100)	2(100)	--	--	1(100)

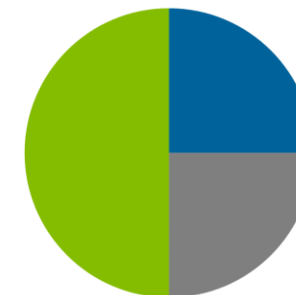
\*NS - not subtyped      +LND - lineage not determined

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.

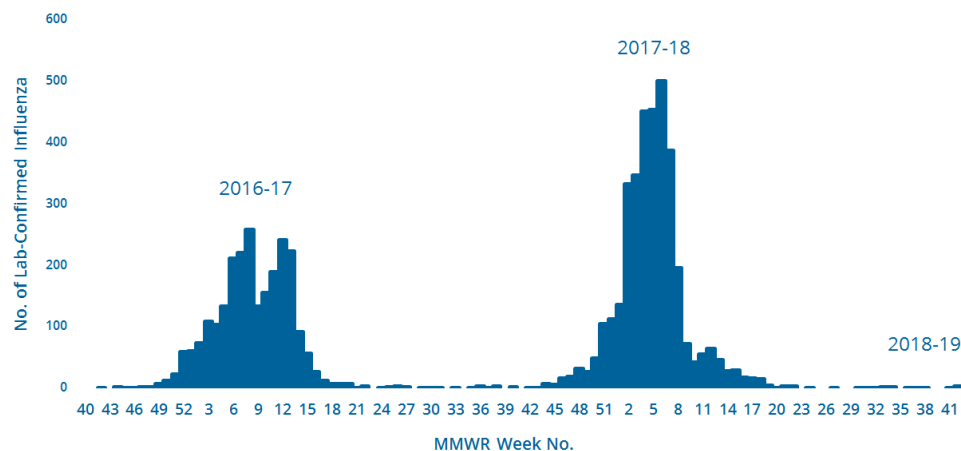
Week ending 10/20



Cumulative



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



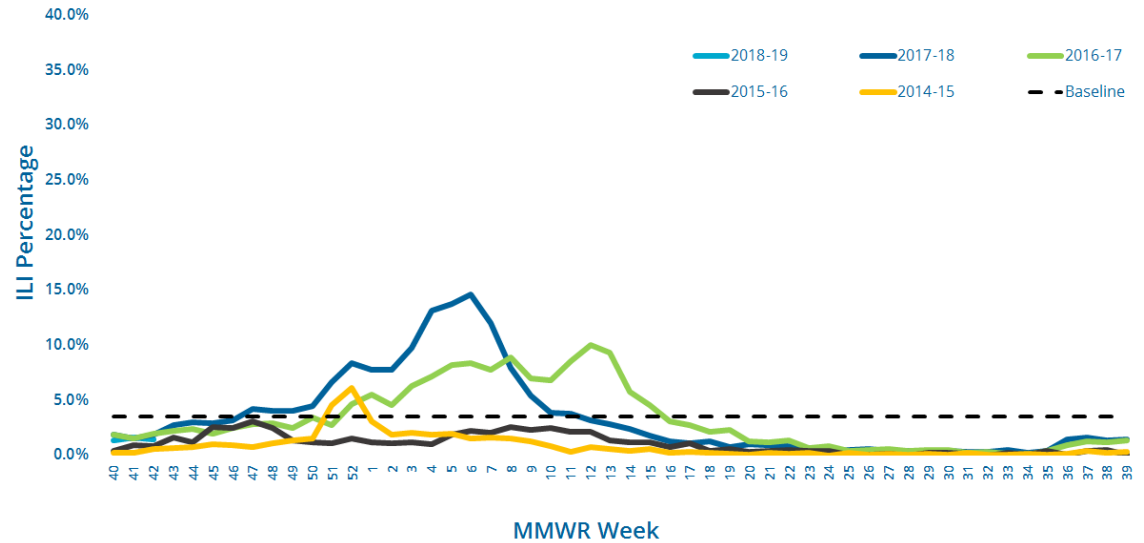
# Influenza-Like Illness Surveillance

This week, the ILI activity level was **minimal** and **1.48%** of patient visits to SC ILINet providers was attributed to an influenza-like illness. This is **below** the state baseline, **3.53%**.

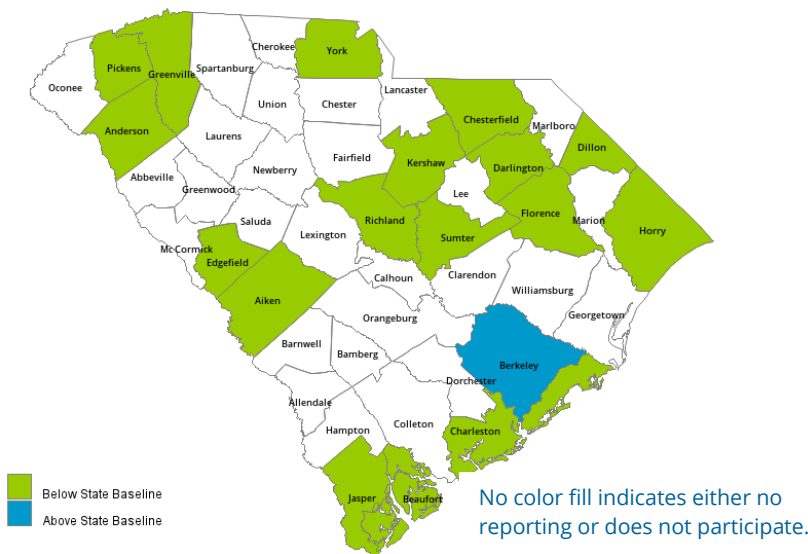
Reports were received from providers in 18 counties, representing all DHEC Public Health regions.

\*\*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

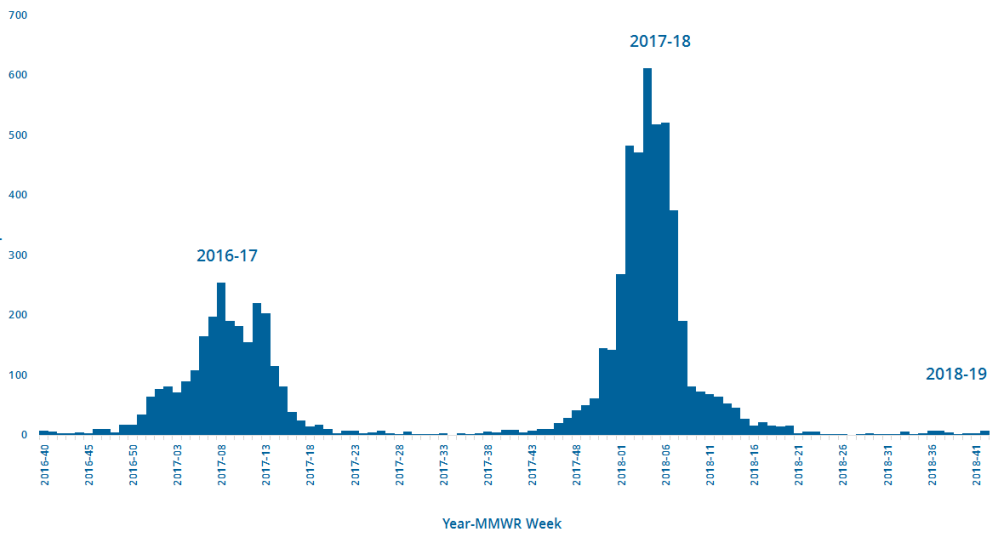
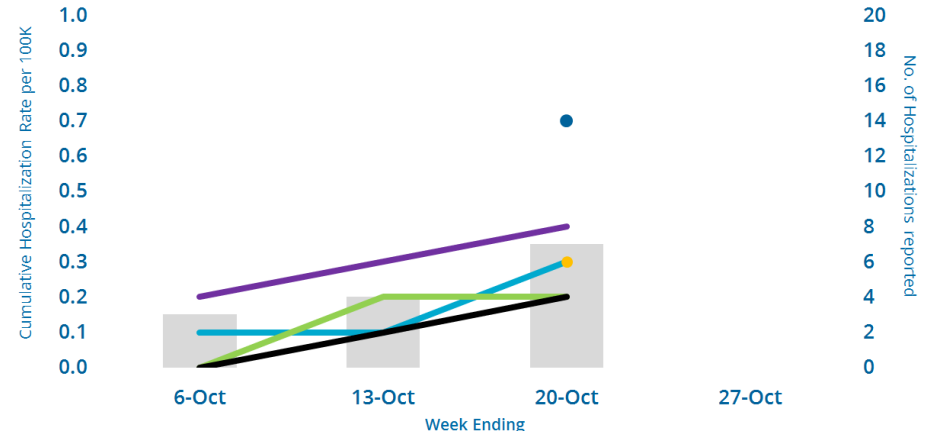
OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
40	44	48	1	5	9	14	18	22	27	31	36
41	45	49	2	6	10	15	19	23	28	32	37
42	46	50	3	7	11	16	20	24	29	33	38
43	47	51	4	8	12	17	21	25	30	34	39
		52			13			26		35	

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+
<b>This Week</b>	7(0.1)	2(0.7)	--	1(0.1)	3(0.3)	1(0.1)
<b>2018-19</b>	14(0.3)	2(0.7)	2(0.2)	4(0.2)	3(0.3)	3(0.4)
<b>2017-18</b>	23(0.5)	1(0.3)	1(0.1)	4(0.2)	5(0.5)	12(1.4)
<b>2016-17</b>	17(0.3)	--	--	4(0.2)	5(0.5)	8(0.9)
<b>5 season average</b>	25(0.5)	2(0.7)	1(0.1)	4(0.2)	6(0.6)	11(1.4)

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



Influenza-Associated Deaths by Region

