

## Geographic Spread



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

## Influenza Activity



Overall, there was a decrease in influenza activity this week.

## Regional Influenza Activity



Decreased



Decreased



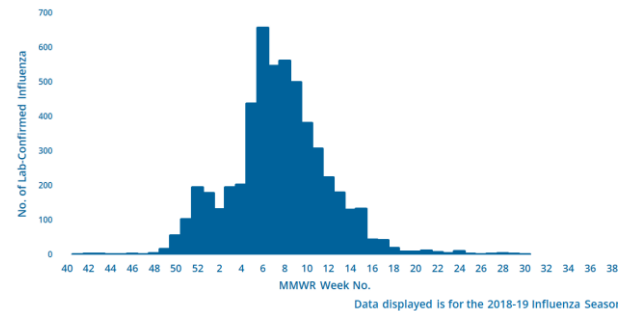
Decreased



No change

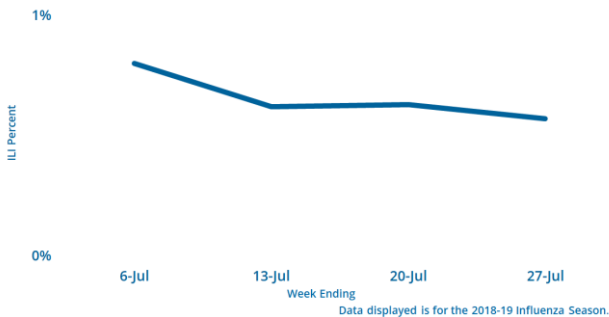
## Virologic Surveillance

This week 1 lab-confirmed tests were reported. In the current flu season, there have been **4734** lab-confirmed tests reported.



## Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was **0.57%**, which is **below** South Carolina's baseline (**3.53%**). The ILI activity level overall was minimal.



## Influenza-Associated Hospitalizations

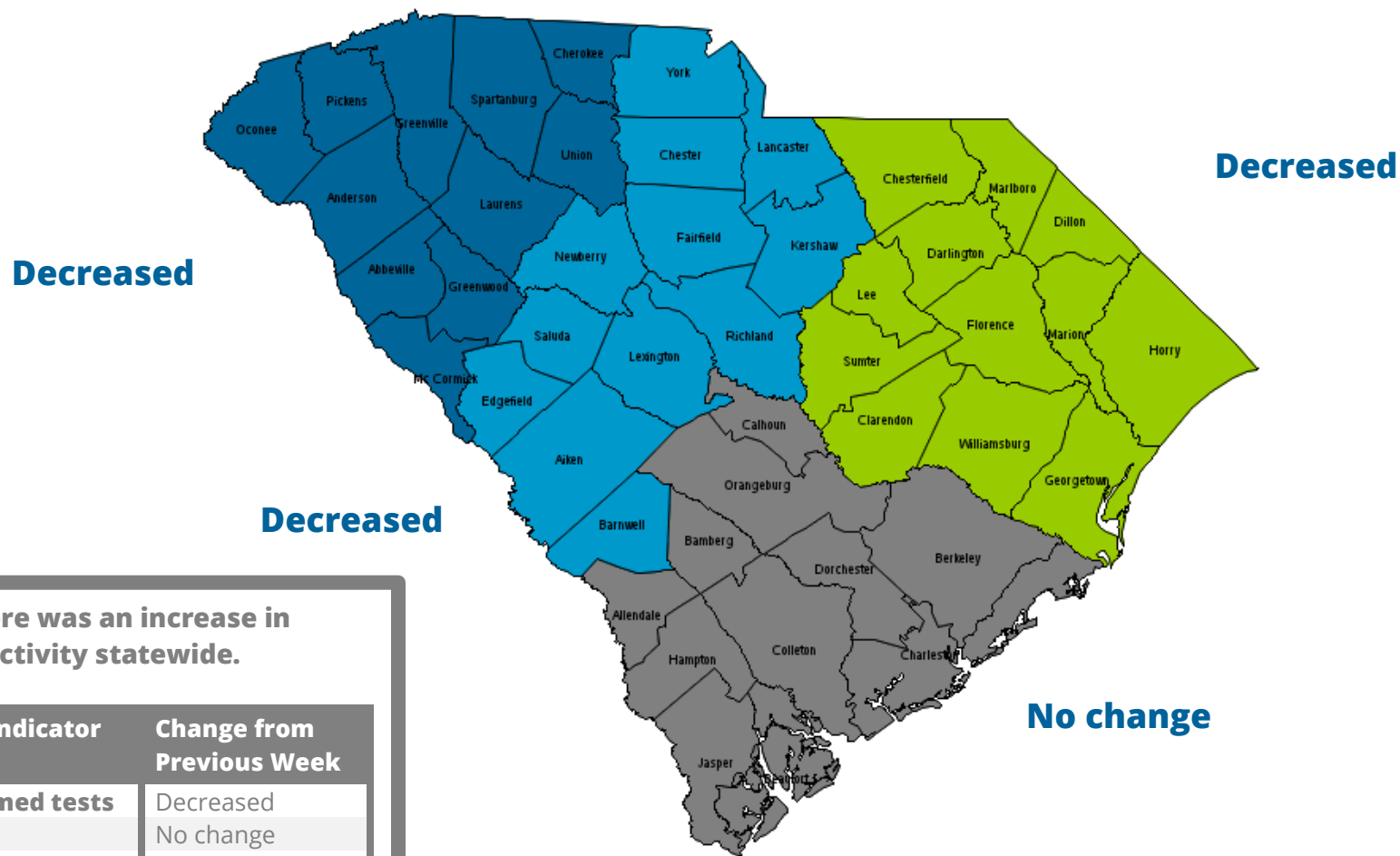
This week **1** influenza-associated hospitalizations were reported by **29** hospitals. The cumulative hospitalization rate is **54.6 per 100,000**. In the current flu season, there have been **2745** influenza-associated hospitalizations.

## Influenza-Associated Deaths

This week **0** influenza-associated deaths were reported. The cumulative mortality rate is **2.0 per 100,000**. In the current flu season, there have been **98** influenza-associated deaths.

# Influenza Activity\*

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



Overall there was an increase in influenza activity statewide.

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

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

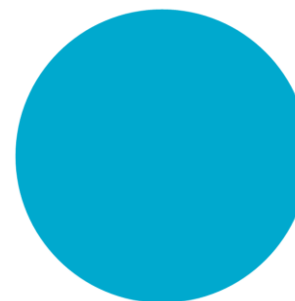
# Virologic Surveillance

Influenza Type	Season Totals To Date				
	This Week	2018-19	2017-18	2016-17	5 season average
<b>Overall</b>	<b>1</b>	<b>4734</b>	<b>3586</b>	<b>2456</b>	<b>1788</b>
<b>Influenza A</b>	<b>1(100.0)</b>	<b>4579(96.7)</b>	<b>2452(68.4)</b>	<b>1573(64)</b>	<b>1288(72)</b>
A(H3)	1(100.0)	605(13.2)	533(21.7)	410(26.1)	278(21.6)
A(H1N1)	--	466(10.2)	212(8.6)	64(4.1)	299(23.2)
A(NS)*	--	3508(76.6)	1707(69.6)	1099(69.9)	710(55.2)
<b>Influenza B</b>	--	<b>155(3.3)</b>	<b>1134(31.6)</b>	<b>884(36)</b>	<b>501(28)</b>
B (Victoria)	--	2(1.3)	2(0.2)	--	0.4(0.1)
B (Yamagata)	--	--	55(4.9)	--	11(2.2)
B (LND)+	--	153(98.7)	1077(95)	884(100)	489(97.7)

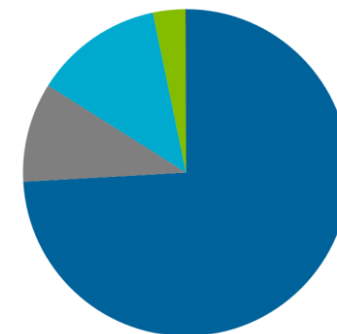
\*NS - not subtyped    +LND - lineage not determined

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.

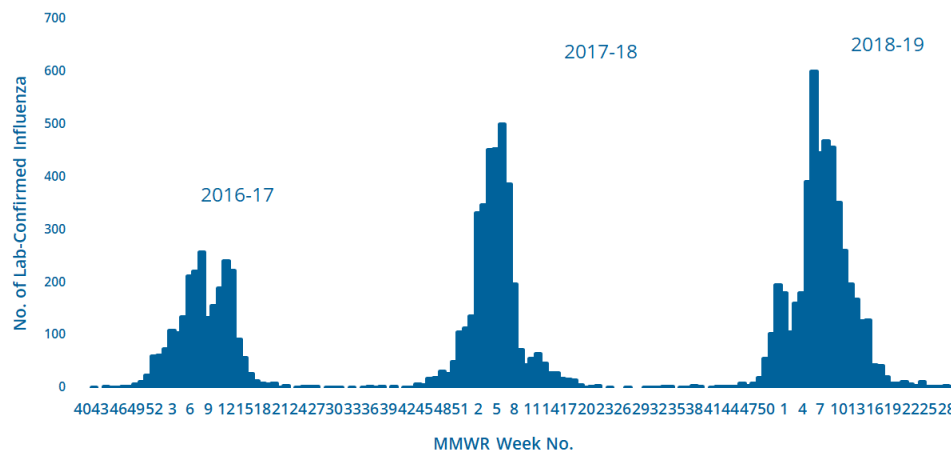
Week ending 7/27



Cumulative



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



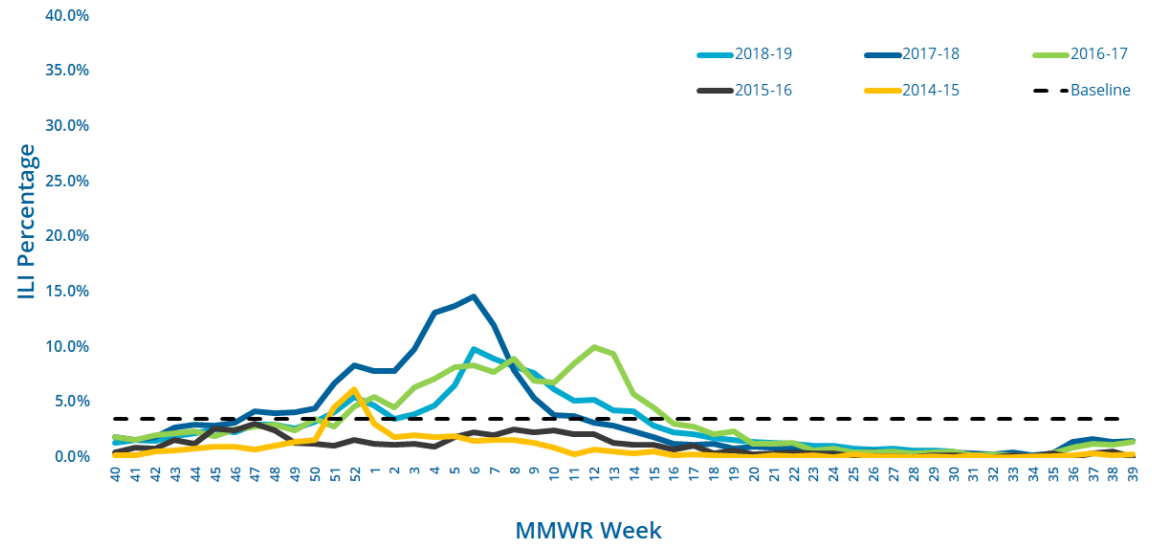
# Influenza-Like Illness Surveillance

This week, the ILI activity level was **minimal** and **0.57%** of patient visits to SC ILINet providers was attributed to an influenza-like illness. This is **below** the state baseline, **3.53%**.

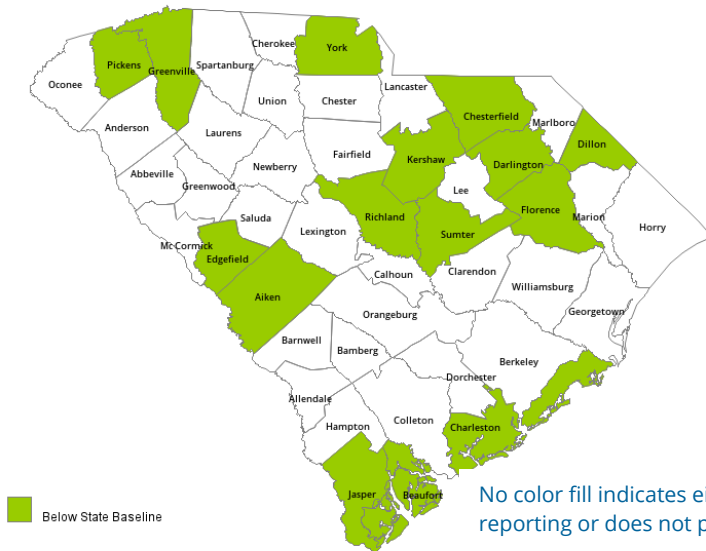
Reports were received from providers in 15 counties, representing all DHEC Public Health regions.

\*\*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>	1(0.2)	--	--	--	--	1(0.1)
<b>2018-19</b>	2745(54.6)	127(43.3)	127(15.7)	422(20.5)	675(67.6)	1394(161.2)
<b>2017-18</b>	4515(89.8)	159(54.1)	141(17.4)	588(28.6)	1056(105.8)	2571(297.4)
<b>2016-17</b>	2535(51.1)	117(40.1)	133(16.5)	341(16.7)	570(57.5)	1374(165.6)
<b>5 season average</b>	2738(55.7)	159(54.5)	120(14.9)	444(21.8)	643(65.6)	1371(169.2)

Deaths No. (Rate)	Overall	Ages 0-4	Ages 5-17	Ages 18-49	Ages 50-64	Ages 65+
<b>This Week</b>	--	--	--	--	--	--
<b>2018-19</b>	98(2.0)	2(0.7)	1(0.1)	7(0.4)	26(2.4)	62(7.3)
<b>2017-18</b>	291(5.8)	3(1.0)	--	27(1.3)	52(5.2)	209(24.2)
<b>2016-17</b>	97(2.0)	1(0.3)	1(0.1)	9(0.4)	16(1.6)	70(8.4)
<b>5 season average</b>	129(2.6)	1(0.3)	1(0.1)	15(0.7)	24(2.4)	89(10.8)

