

Geographic Spread



South Carolina reported sporadic activity this week.

Influenza Activity



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

Regional Influenza Activity



A decrease



No change



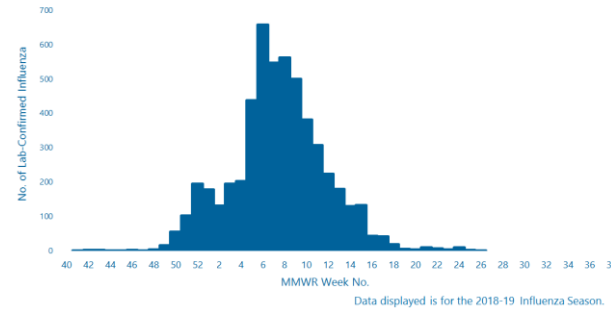
No change



A decrease

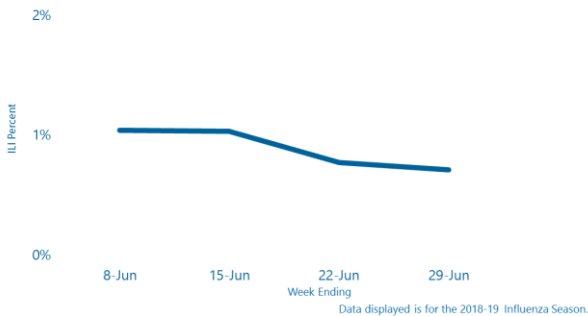
Virologic Surveillance

This week there was 1 lab-confirmed test reported. Influenza A was most frequently reported. In the current flu season, there have been **4708** lab-confirmed tests reported.



Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was 0.71%, 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 54.1 per 100,000. In the current flu season, there have been 2720 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.

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

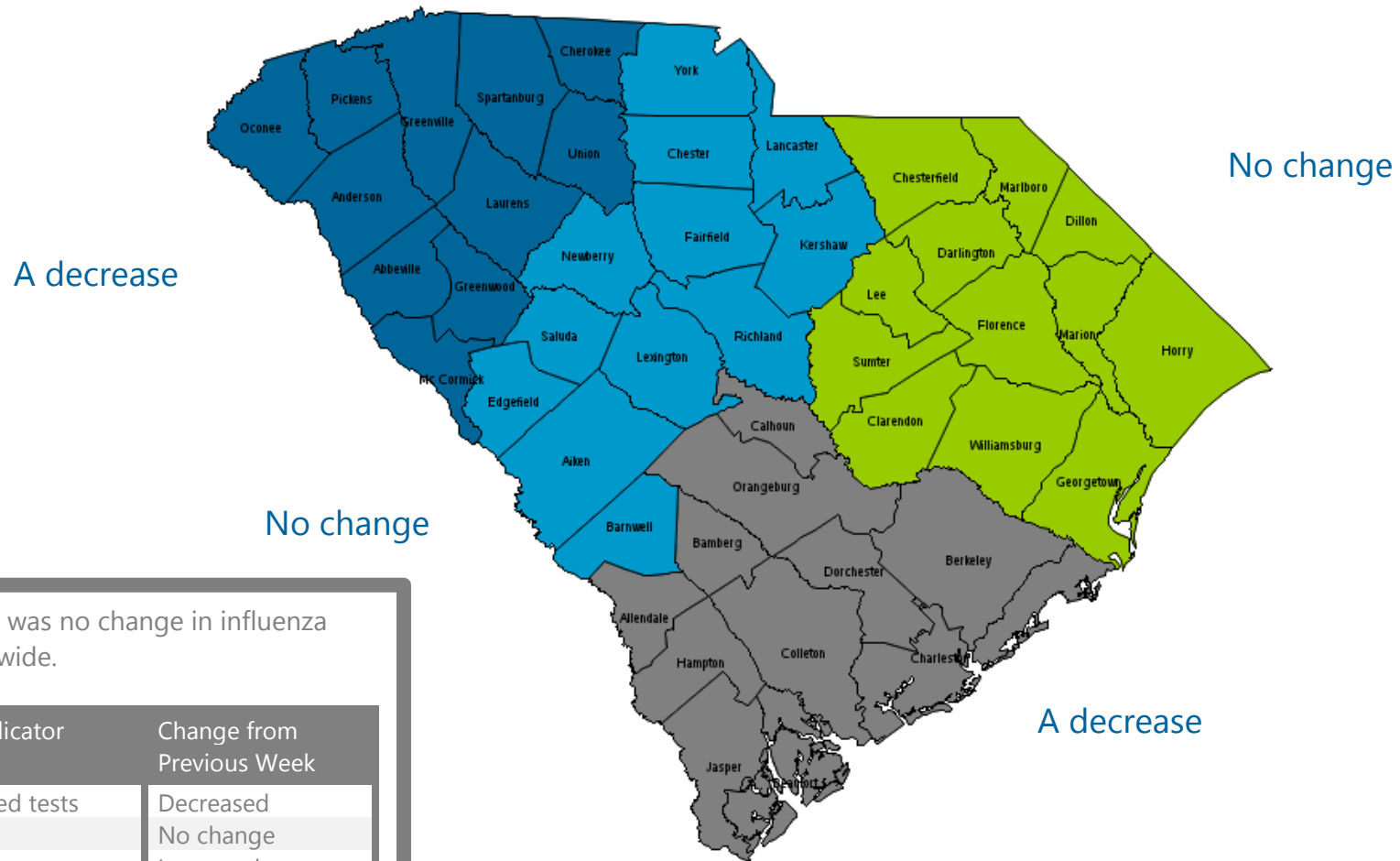
<http://www.scdhec.gov/Health/DiseasesandConditions/InfectiousDiseases/Flu/FluData/>

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.

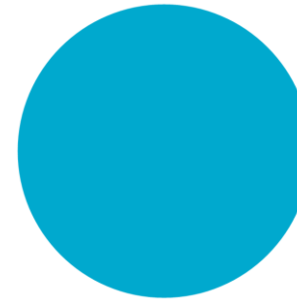
Virologic Surveillance

Influenza Type	Season Totals To Date					
	No. (%)	This Week	2018-19	2017-18	2016-17	5 season average
Overall		1	4708	‡	‡	‡
Influenza A		1(100.0)	4557(96.8)			
A(H3)		1(100.0)	603(13.2)			
A(H1N1)			463(10.2)			
A(NS)*			3491(76.6)			
Influenza B		--	151(3.2)			
B (Victoria)		--	2(1.3)			
B (Yamagata)		--	--			
B (LND)+		--	149(98.7)			

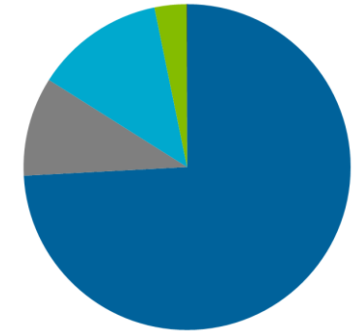
*NS – not subtyped +LND – lineage not determined
 ‡Data currently unavailable

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.

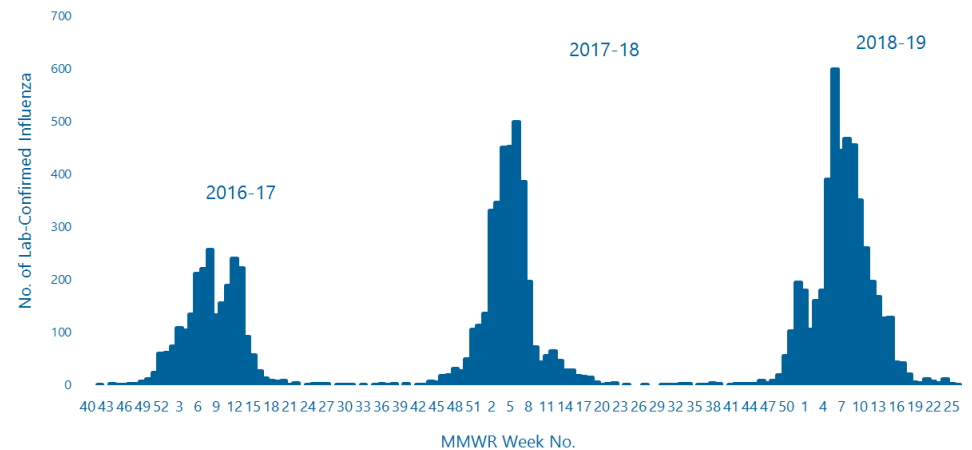
Week ending 6/29



Cumulative



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



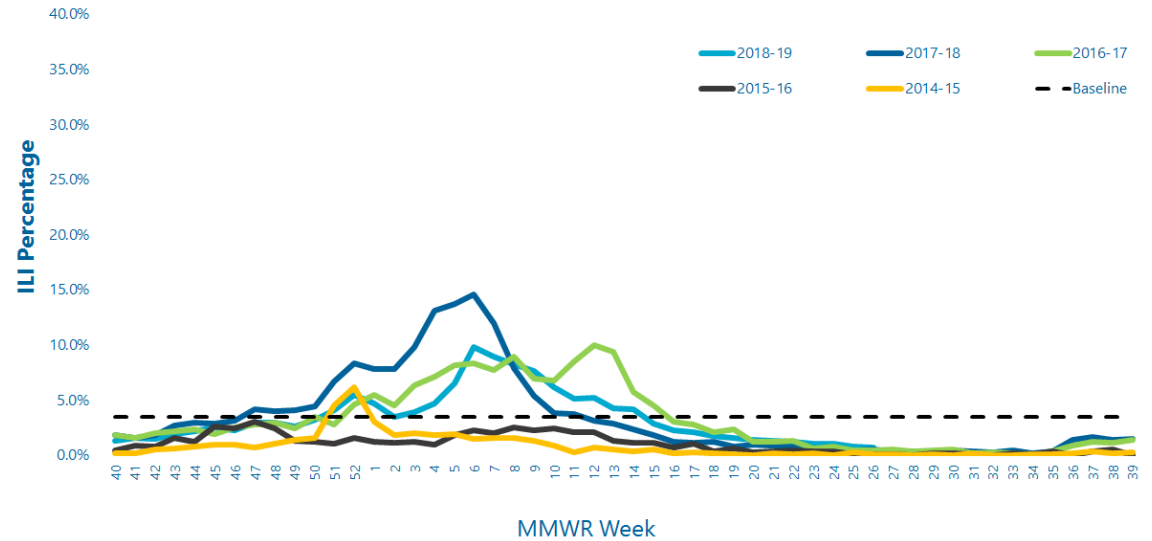
Influenza-Like Illness Surveillance

This week, the ILI activity level was **minimal** and 0.71% of patient visits to SC ILINet providers was attributed to an influenza-like illness. This is below the state baseline, 3.53%.

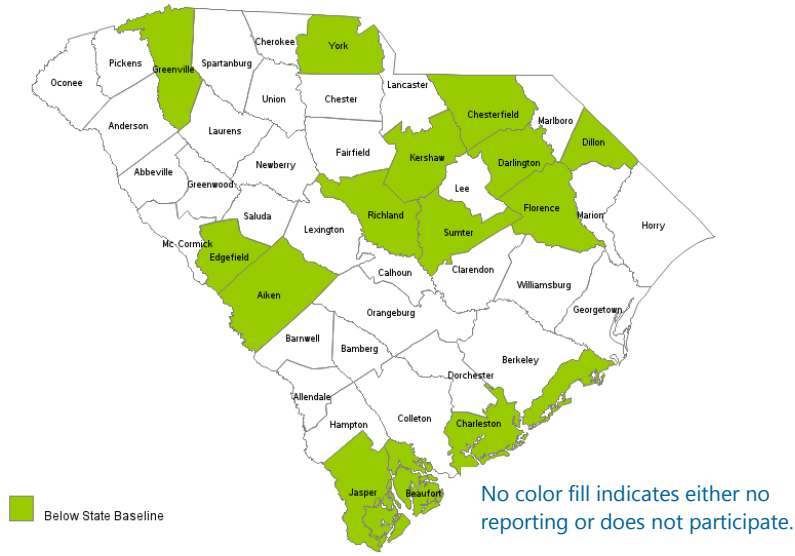
Reports were received from providers in 14 counties, representing all DHEC Public Health regions.

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

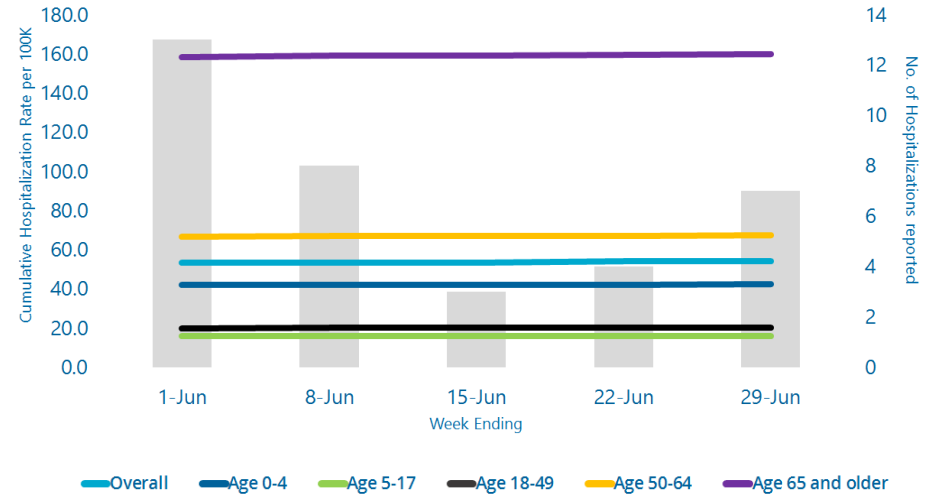
OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
40	44	48	1	5	9	14	18	22	27	31	36
41	45	49	2	6	10	15	19	23	28	32	37
42	46	50	3	7	11	16	20	24	29	33	38
43	47	51	4	8	12	17	21	25	30	34	39
		52			13			26		35	

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+
This Week	7(0.1)	1(0.3)	--	1(0.05)	2(0.2)	3(0.4)
2018-19	2720(54.1)	125(42.6)	127(15.7)	416(20.2)	671(67.2)	1381(159.7)
2017-18	4507(89.7)	159(54.1)	141(17.4)	585(28.4)	1055(105.7)	2567(296.9)
2016-17	2516(50.7)	116(39.7)	133(16.5)	339(16.6)	563(56.8)	1365(164.5)
5 season average	2730(55.5)	159(54.5)	120(14.9)	442(21.7)	640(65.3)	1368(168.8)

Deaths No. (Rate)	Overall	Ages 0-4	Ages 5-17	Ages 18-49	Ages 50-64	Ages 65+
This Week	--	--	--	--	--	--
2018-19	98(2.0)	2(0.7)	1(0.1)	7(0.4)	26(2.4)	62(7.3)
2017-18	291(5.8)	3(1.0)	--	27(1.3)	52(5.2)	209(24.2)
2016-17	96(1.9)	1(0.3)	1(0.1)	9(0.4)	16(1.6)	69(8.3)
5 season average	129(2.6)	1 (0.3)	1 (0.1)	15(0.7)	24(2.4)	89(10.8)



Influenza-Associated Deaths by Region

