

Geographic Spread



South Carolina reported sporadic activity this week.

Influenza Activity



Overall, there was an increase in influenza activity this week.

Regional Influenza Activity



No change



No change



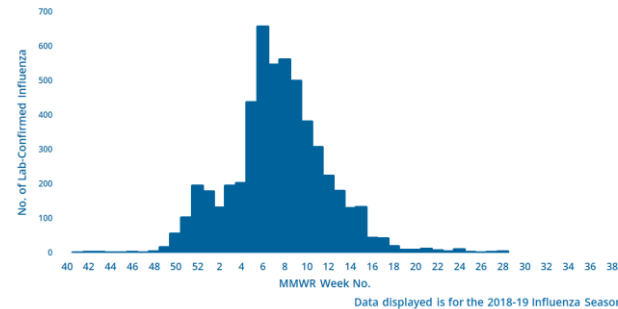
No change



No change

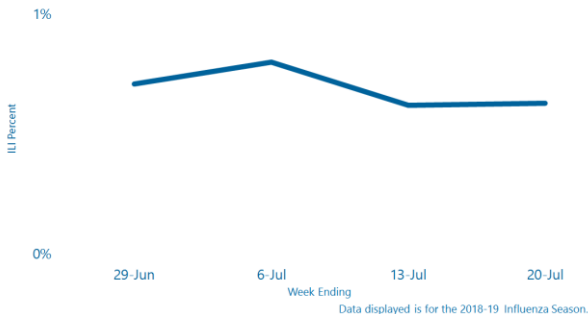
Virologic Surveillance

This week 3 lab-confirmed tests were reported. In the current flu season, there have been **4731** lab-confirmed tests reported.



Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was 0.63%, which is below South Carolina's baseline (3.53%). The ILI activity level overall was minimal.



Influenza-Associated Hospitalizations

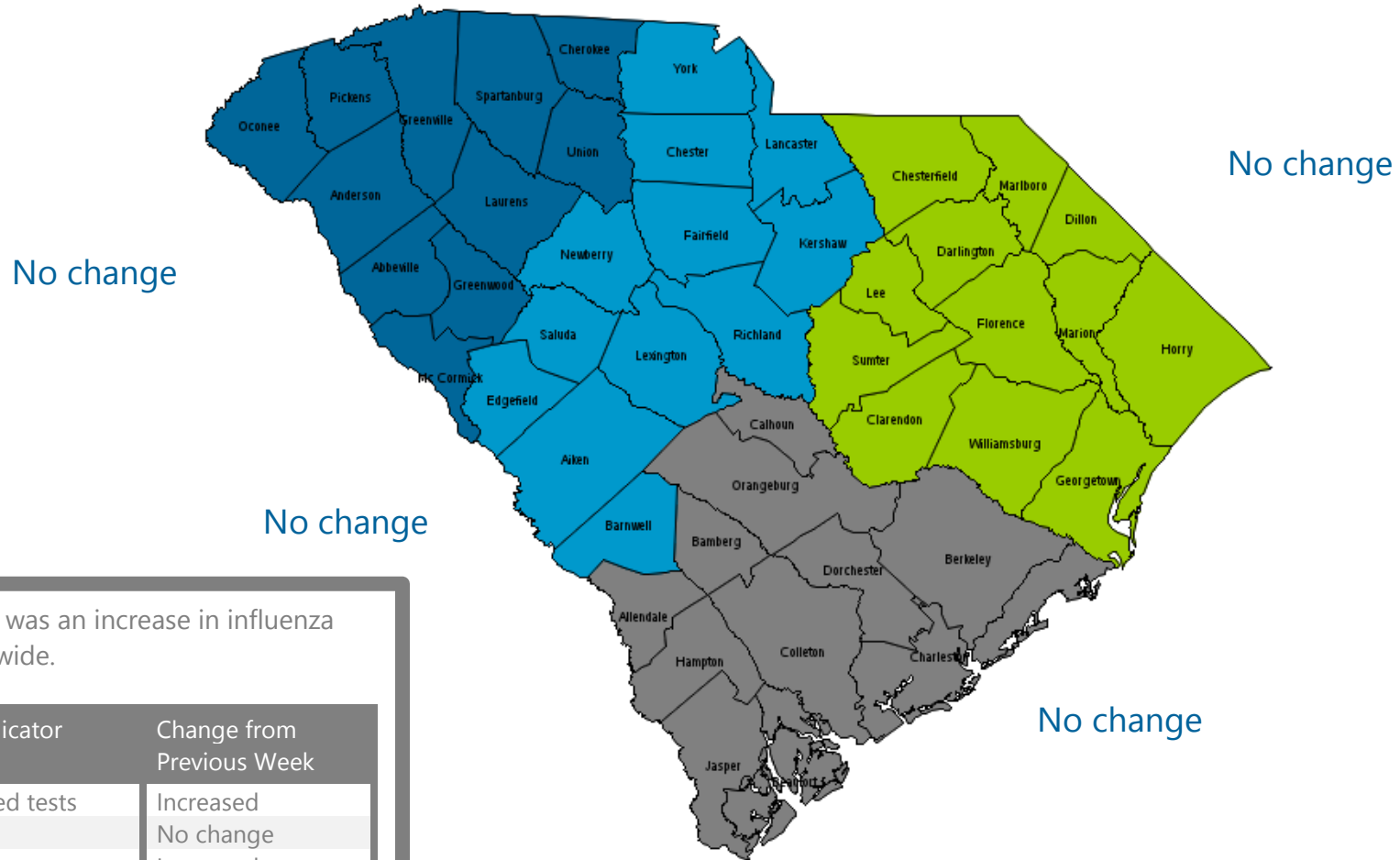
This week 10 influenza-associated hospitalizations were reported by 46 hospitals. The cumulative hospitalization rate is 54.6 per 100,000. In the current flu season, there have been 2744 influenza-associated hospitalizations.

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...



*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		3	4731	3585	2456	1788
Influenza A		3(100.0)	4576(96.7)	2452(68.4)	1572(64)	1288(72)
A(H3)		--	604(13.2)	533(21.7)	410(26.1)	278(21.6)
A(H1N1)		2(66.7)	466(10.2)	212(8.6)	64(4.1)	299(23.2)
A(NS)*		1(33.3)	3506(76.6)	1707(69.6)	1098(69.8)	710(55.2)
Influenza B		--	155(3.3)	1133(31.6)	884(36)	501(28)
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)	1076(95)	884(100)	489(97.7)

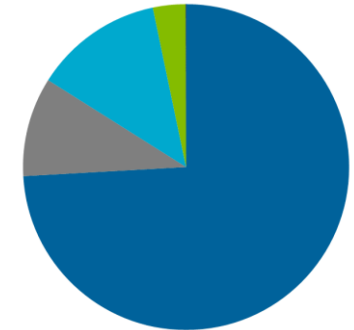
*NS – not subtyped +LND – lineage not determined

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.

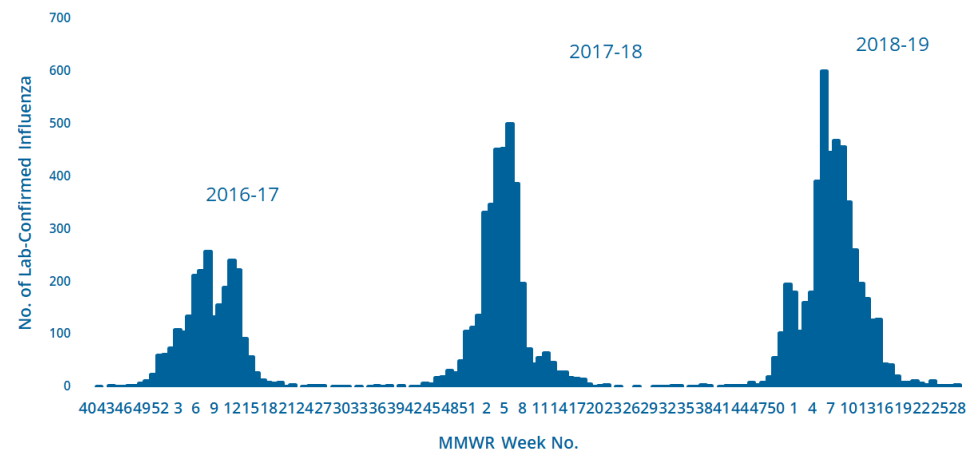
Week ending 7/20



Cumulative



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



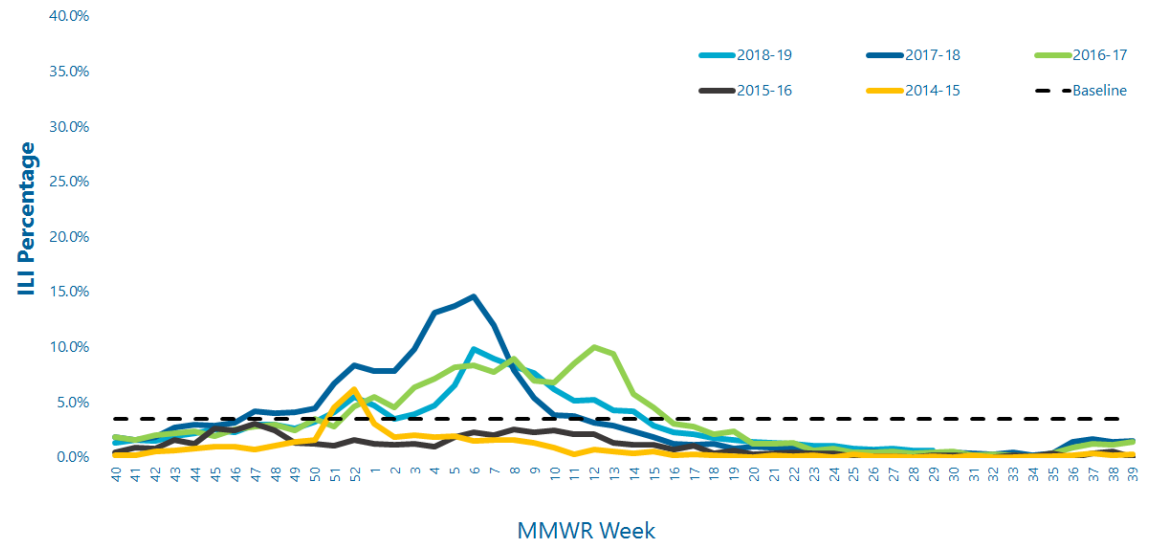
Influenza-Like Illness Surveillance

This week, the ILI activity level was **minimal** and 0.63% of patient visits to SC ILINet providers was attributed to an influenza-like illness. This is below the state baseline, 3.53%.

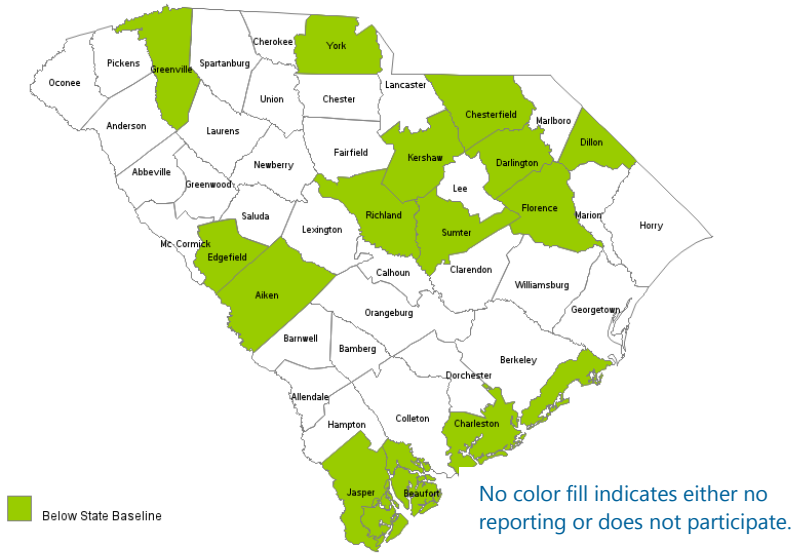
Reports were received from providers in 14 counties, representing all DHEC Public Health regions.

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

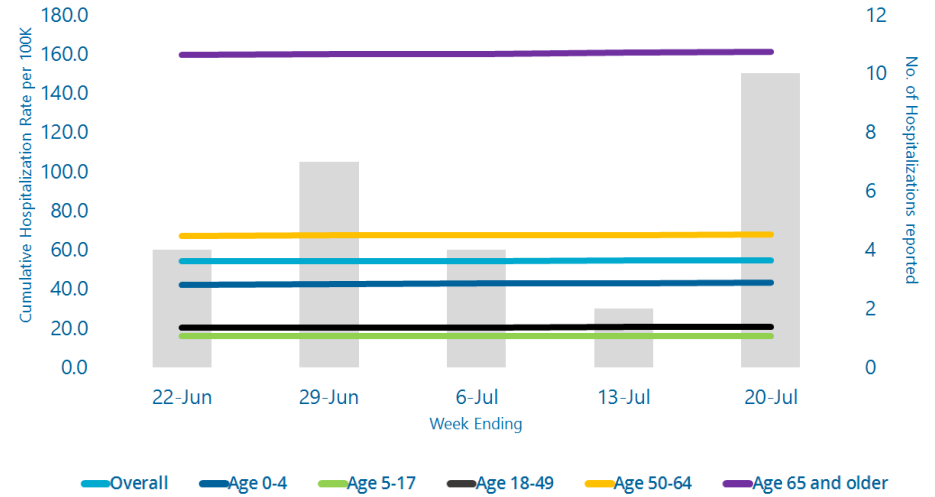
OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
40	44	48	1	5	9	14	18	22	27	31	36
41	45	49	2	6	10	15	19	23	28	32	37
42	46	50	3	7	11	16	20	24	29	33	38
43	47	51	4	8	12	17	21	25	30	34	39
		52			13			26		35	

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	10(0.2)	1(0.3)	--	2(0.1)	2(0.2)	5(0.6)
2018-19	2744(54.6)	127(43.3)	127(15.7)	422(20.5)	675(67.6)	1393(161.1)
2017-18	4514(89.8)	159(54.1)	141(17.4)	587(28.5)	1056(105.8)	2571(297.4)
2016-17	2533(51.1)	117(40.1)	133(16.5)	340(16.7)	570(57.5)	1373(165.5)
5 season average	2737(55.7)	159(54.5)	120(14.9)	443(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+
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

