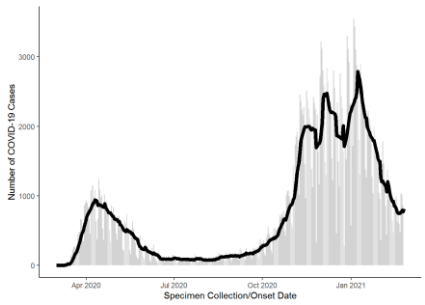
COVID-19 Update March 04, 2021

As of **March 03, 2021**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **284500**, including **264992** laboratory-confirmed and **19508** probable cases. **Four hundred thirty-three** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **7693** COVID-19-associated deaths.

Overall Summary	Total*	Change Since Yesterday
COVID-19 Cases (confirmed and probable)	284500	+878
COVID-19 Tests Reported (molecular and antigen)	6874226	+47132
Daily Test Positivity		1.86%
Patients Currently Hospitalized with COVID-19	433	-18
COVID-19-Associated Deaths	7693	+15

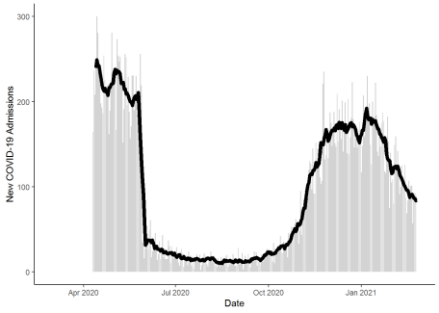
*Includes confirmed plus probable cases

Cases



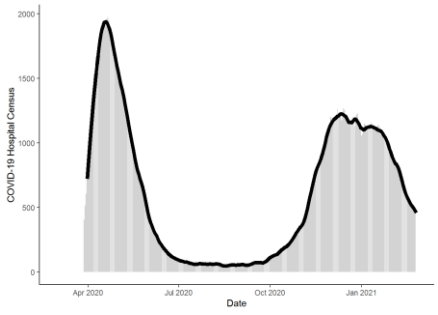
Total Cases: 284,500

Admissions



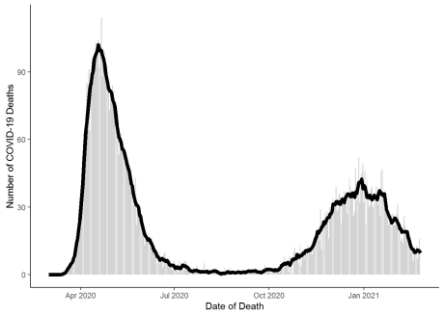
Total Hospitalizations: 29,583

Hospital Census



Hospital Census: 3/3/2021: 433

Deaths



Total Deaths: 7693

All data are preliminary and subject to change. Last updated 03-04-2021.

COVID-19 Cases and Associated Deaths by County of Residence as *of 03/03/21.*

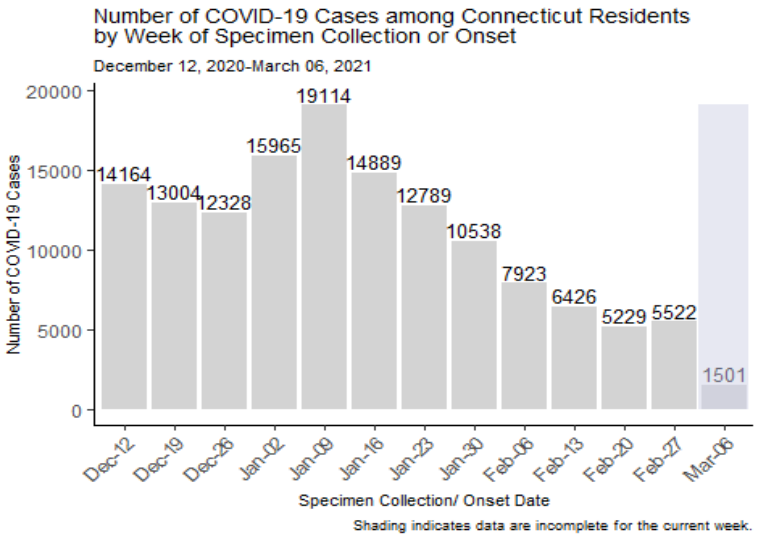
County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	75,238	6,320	1,660	410
Hartford County	67,014	3,864	1,880	416
Litchfield County	10,243	1,028	244	37
Middlesex County	9,793	750	260	82
New Haven County	66,831	5,827	1,677	256
New London County	18,642	753	314	97
Tolland County	7,391	549	136	33
Windham County	9,003	275	143	38
Pending address validation	837	142	6	4
Total	**264992**	**19508**	**6320**	**1373**

National COVID-19 statistics and information about preventing spread of COVID-19 are available from the Centers for Disease Control and Prevention.

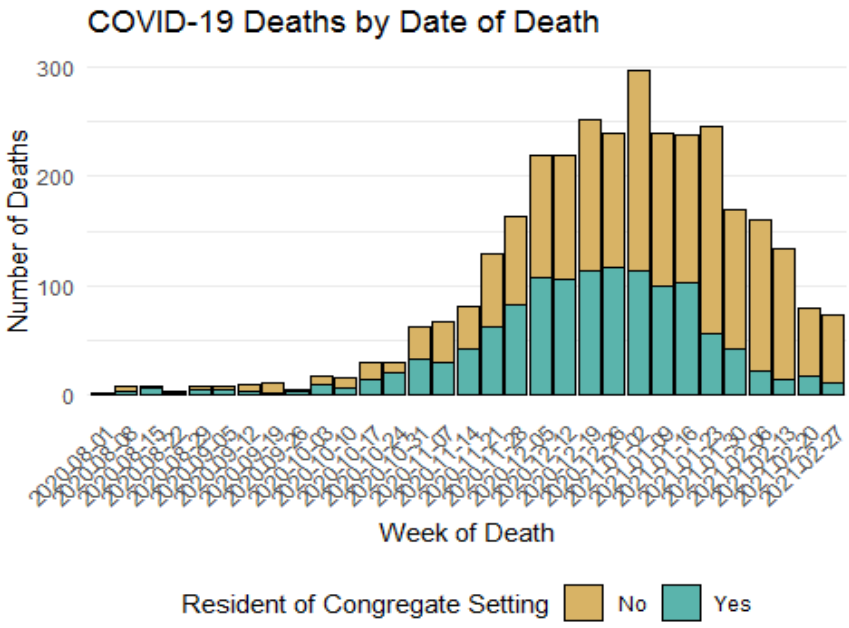
Day-to-day changes reflect newly reported cases, deaths, and tests that occurred over the last several days to week. All data in this report are preliminary; data for previous dates will be updated as new reports are received and data errors are corrected. Hospitalization data were collected by the Connecticut Hospital Association. Deaths reported to either OCME or DPH are included in the daily COVID-19 update.

COVID-19 Cases and Deaths Over Time

The chart below shows the number of new COVID-19 cases reported to CT DPH by week of specimen collection or onset of illness. Case data now includes probable cases based on positive antigen test results. During the past two weeks (February 14-27), there were 10,751 new COVID-19 cases, including cases among people residing in the community and congregate settings, such as nursing homes, managed residential communities, and correctional facilities.



The graph below shows the number of COVID-19 associated deaths since August 1st by week of death and whether the person was residing in a congregate setting, such as a nursing home, managed residential community, or correctional facility.

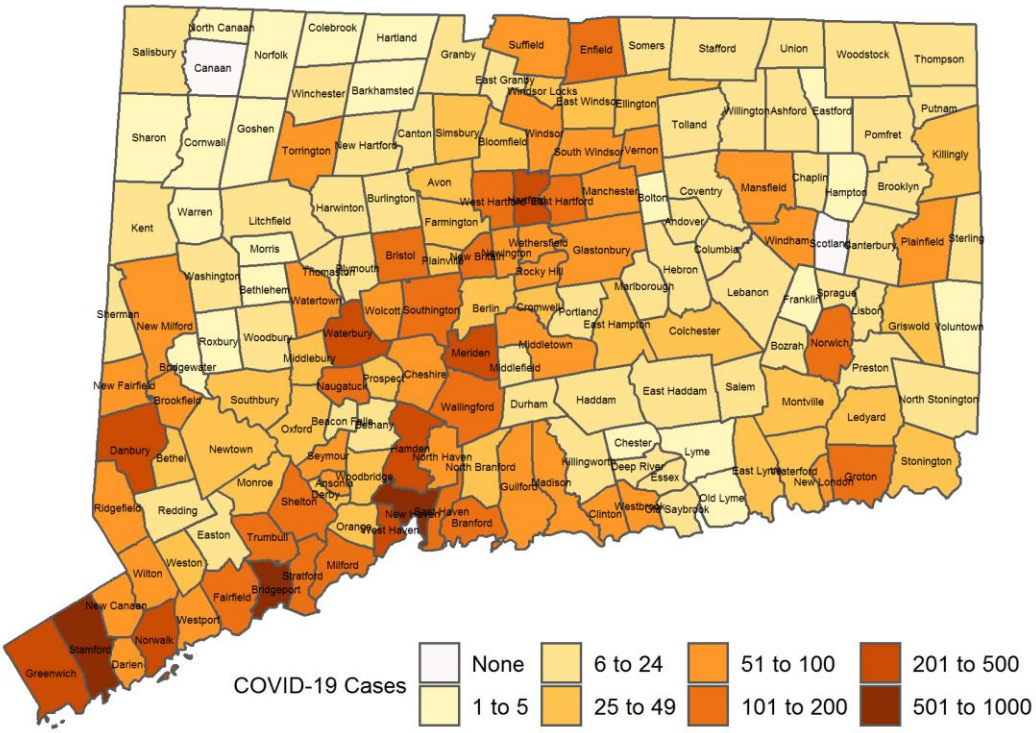


Community Transmission of COVID-19

Among 10,751 new COVID-19 cases with specimen collection or onset date during February 14-27, there were 10,578 cases among people living in community settings, as shown in the map below. This corresponds to an average of 21.15 new COVID-19 cases per day per 100,000 population. Cases among people residing in nursing homes, assisted living facilities, and correctional facilities are excluded. Darker colors indicate towns with more cases.

During this two-week period, there were more than 100 new COVID-19 cases in 29 towns.

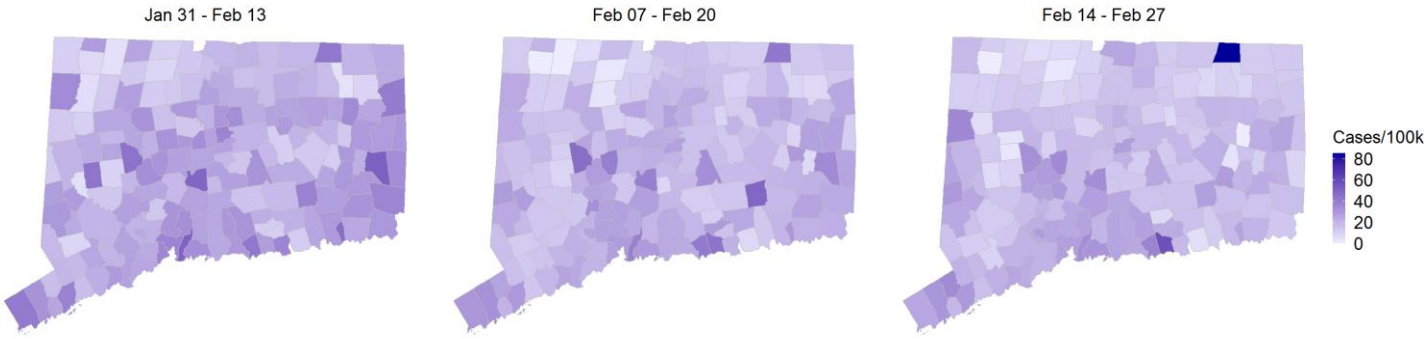
Number of COVID-19 Cases among People Living in Community Settings by Town with Specimen Collection or Onset Date During February 14-27



Map does not include 43 *cases pending address validation*

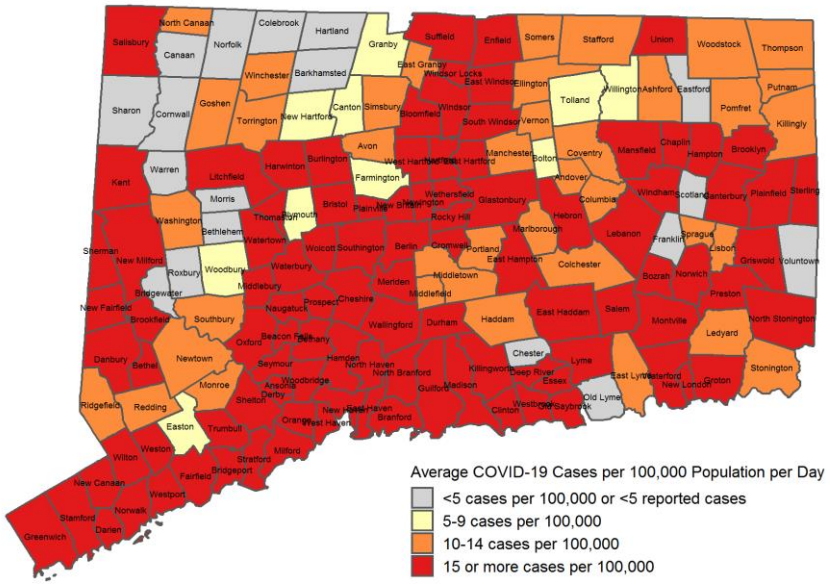
Because towns with larger populations are likely to have more cases, it is also important to look at the number of new cases per 100,000 population. The maps below show the average number of new cases per 100,000 population per day, with darker colors indicating higher rates. Cases among people residing in nursing homes, assisted living facilities, and correctional facilities are excluded.

The three maps below show the average number of new cases per 100,000 population per day for three, 2 week periods with darker colors indicating higher rates.



Among towns with at least 5 new cases during February 14-27, 104 towns had an average rate of 15 or more cases per 100,000 population per day, shown in red in the map below.

Average Daily Rate of COVID-19 Cases among People Living in Community Settings per 100,000 Population by Town with Specimen Collection or Onset Date During February 14-27



Map does not include 43 *cases pending address validation*

Population, Number and Average Daily Rate of COVID-19 Cases among People Living in Community Settings by Town with Specimen Collection or Onset Date during February 14-27, 2021

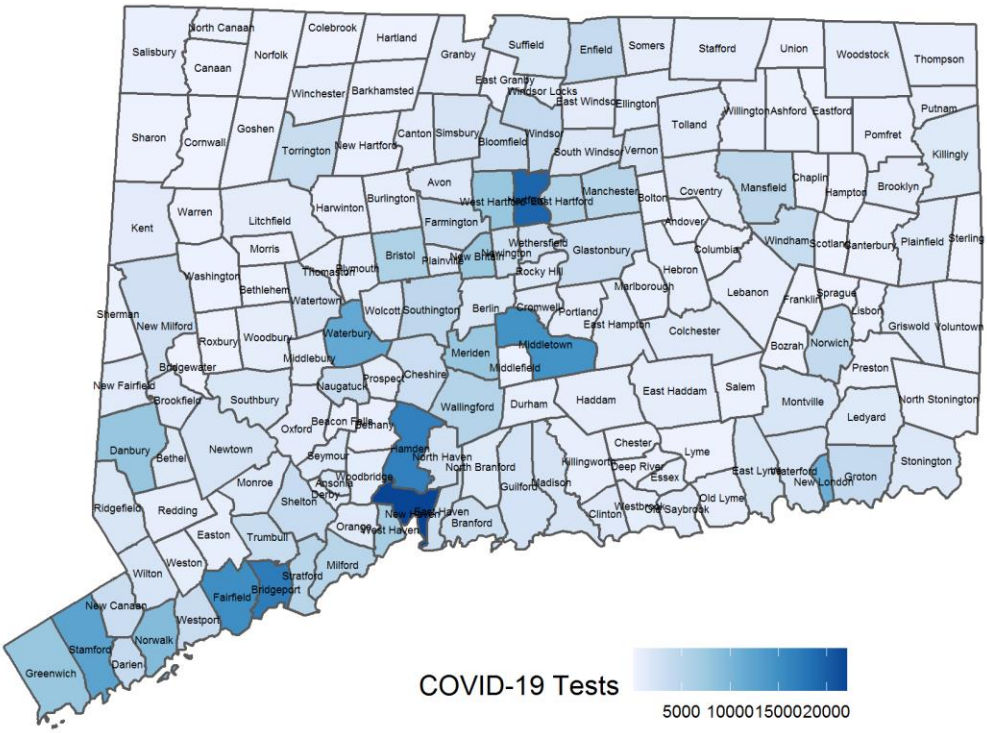
Map does not include 43 *cases pending address validation*

Town	Population	Cases	Rate	Town	Population	Cases	Rate	Town	Population	Cases	Rate
Andover	3,231	6	13.3	Griswold	11,591	34	21.0	Prospect	9790	40	29.2
Ansonia	18,721	73	27.9	Groton	38,692	109	20.1	Putnam	9395	16	12.2
Ashford	4,261	6	10.1	Guilford	22,216	79	25.4	Redding	9125	14	11
Avon	18,302	36	14.0	Haddam	8,222	17	14.8	Ridgefield	25008	52	14.9
Barkhamsted	3,624	1	2.0	Hamden	60,940	207	24.3	Rocky Hill	20145	79	28
Beacon Falls	6,182	18	20.8	Hampton	1,853	5	19.3	Roxbury	2160	2	6.6
Berlin	20,432	44	15.4	Hartford	122,587	365	21.3	Salem	4123	16	27.7
Bethany	5,479	13	16.9	Hartland	2,120	2	6.7	Salisbury	3598	9	17.9
Bethel	19,714	42	15.2	Harwinton	5,430	12	15.8	Scotland	1685	0	0
Bethlehem	3,422	1	2.1	Hebron	9,482	25	18.8	Seymour	16509	51	22.1
Bloomfield	21,301	46	15.4	Kent	2,785	14	35.9	Sharon	2703	4	10.6
Bolton	4,890	5	7.3	Killingly	17,287	34	14.0	Shelton	41097	116	20.2
Bozrah	2,537	10	28.2	Killingworth	6,370	24	26.9	Sherman	3614	13	25.7
Branford	28,005	122	31.1	Lebanon	7,207	22	21.8	Simsbury	24979	36	10.3
Bridgeport	144,900	510	25.1	Ledyard	14,736	30	14.5	Somers	10834	18	11.9
Bridgewater	1,641	4	17.4	Lisbon	4,248	6	10.1	South Windsor	26054	55	15.1
Bristol	60,032	148	17.6	Litchfield	8,127	22	19.3	Southbury	19656	39	14.2
Brookfield	17,002	59	24.8	Lyme	2,338	5	15.3	Southington	43807	110	17.9
Brooklyn	8,280	20	17.3	Madison	18,106	61	24.1	Sprague	2889	6	14.8
Burlington	9,665	21	15.5	Manchester	57,699	89	11.0	Stafford	11884	24	14.4
Canaan	1,055	0	0.0	Mansfield	25,817	71	19.6	Stamford	129775	563	31
Canterbury	5,100	16	22.4	Marlborough	6,358	11	12.4	Sterling	3780	8	15.1
Canton	10,270	14	9.7	Meriden	59,540	281	33.7	Stonington	18449	34	13.2
Chaplin	2,256	6	19.0	Middlebury	7,731	30	27.7	Stratford	51967	167	23
Cheshire	29,179	73	17.9	Middlefield	4,380	8	13.0	Suffield	15743	55	25
Chester	4,229	4	6.8	Middletown	46,146	86	13.3	Thomaston	7560	21	19.8
Clinton	12,950	68	37.5	Milford	54,661	155	20.3	Thompson	9395	17	12.9
Colchester	15,936	31	13.9	Monroe	19,470	37	13.6	Tolland	14655	20	9.7
Colebrook	1,405	1	5.1	Montville	18,716	40	15.3	Torrington	34228	64	13.4
Columbia	5,385	9	11.9	Morris	2,262	1	3.2	Trumbull	35802	101	20.2
Cornwall	1,368	2	10.4	Naugatuck	31,288	115	26.3	Union	840	10	85
Coventry	12,414	25	14.4	New Britain	72,453	172	17.0	Vernon	29303	52	12.7
Cromwell	13,905	41	21.1	New Canaan	20,213	98	34.6	Voluntown	2535	3	8.5
Danbury	84,730	289	24.4	New Fairfield	13,877	58	29.9	Wallingford	44535	173	27.7
Darien	21,753	57	18.7	New Hartford	6,685	7	7.5	Warren	1399	1	5.1
Deep River	4,463	14	22.4	New Haven	130,418	503	27.5	Washington	3434	6	12.5
Derby	12,515	41	23.4	New London	26,939	99	26.2	Waterbury	108093	440	29.1
Durham	7,195	25	24.8	New Milford	26,974	74	19.6	Waterford	18887	47	17.8
East Granby	5,147	10	13.9	Newington	30,112	76	18.0	Watertown	21641	100	33
East Haddam	8,988	19	15.1	Newtown	27,774	46	11.8	West Hartford	62939	159	18
East Hampton	12,854	44	24.5	Norfolk	1,640	2	8.7	West Haven	54879	209	27.2
East Hartford	49,998	121	17.3	North Branford	14,158	39	19.7	Westbrook	6914	55	56.8
East Haven	28,699	135	33.6	North Canaan	3,254	5	11.0	Weston	10247	26	18.1
East Lyme	18,645	31	11.9	North Haven	23,691	87	26.2	Westport	28115	63	16
East Windsor	11,375	33	20.7	North Stonington	5,243	12	16.3	Wethersfield	26082	55	15.1
Eastford	1,790	2	8.0	Norwalk	89,047	373	29.9	Willington	5887	6	7.3
Easton	7,517	10	9.5	Norwich	39,136	107	19.5	Wilton	18397	53	20.6
Ellington	16,299	28	12.3	Old Lyme	7,366	5	4.8	Winchester	10655	15	10.1
Enfield	44,466	121	19.4	Old Saybrook	10,087	25	17.7	Windham	24706	58	16.8
Essex	6,674	22	23.5	Orange	13,949	41	21.0	Windsor	28760	61	15.2
Fairfield	61,952	185	21.3	Oxford	13,226	32	17.3	Windsor Locks	12876	27	15
Farmington	25,506	31	8.7	Plainfield	15,173	55	25.9	Wolcott	16649	81	34.8
Franklin	1,933	1	3.7	Plainville	17,623	43	17.4	Woodbridge	8805	31	25.1
Glastonbury	34,491	90	18.6	Plymouth	11,645	16	9.8	Woodbury	9537	12	9
Goshen	2,879	5	12.4	Pomfret	4,204	8	13.6	Woodstock	7862	13	11.8
Granby	11,375	14	8.8	Portland	9,305	15	11.5				
Greenwich	62,727	216	24.6	Preston	4,638	15	23.1				

COVID-19 Molecular and Antigen Tests during February 14-27

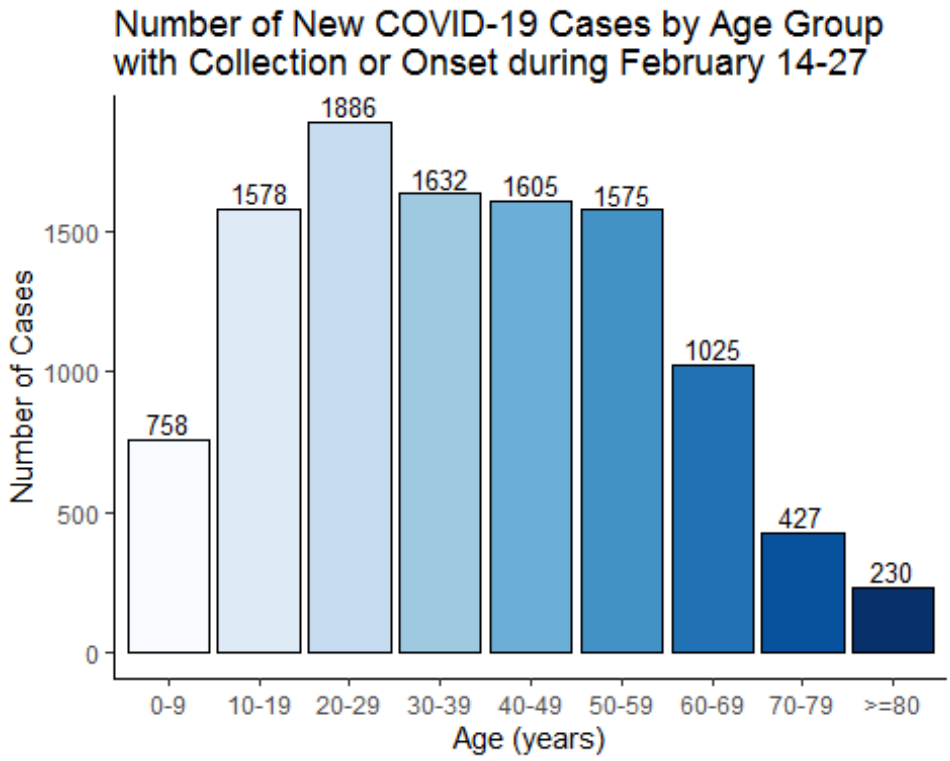
Among 445,882 molecular and antigen tests for COVID-19 with specimen collection date during February 14-27, 418,924 (94%) tests were conducted among people who did not reside in congregate settings (including nursing homes, assisted living, and correctional facilities). Of these 418,924 tests, 13,031 (3%) were positive. The map below shows the number of molecular and antigen COVID-19 tests by town with specimen collection date during February 14-27 that were conducted among community residents.

Number of Molecular and Antigen Tests for COVID-19 among People Living in Community Settings by Town with Specimen Collection Date During February 14-27



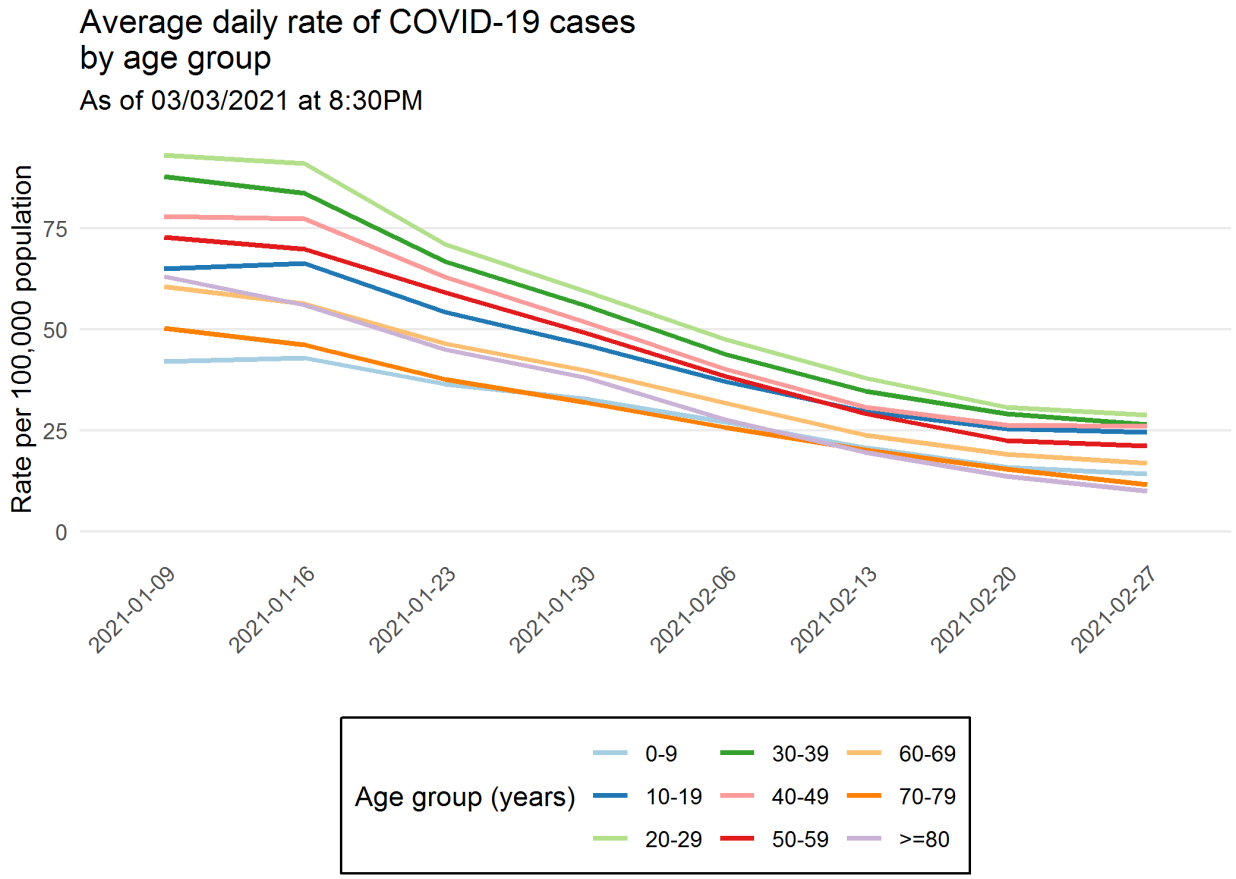
Map does not include tests pending address validation

Age Distribution of COVID-19 Cases with Specimen Collection or Onset During February 14-27, 2020



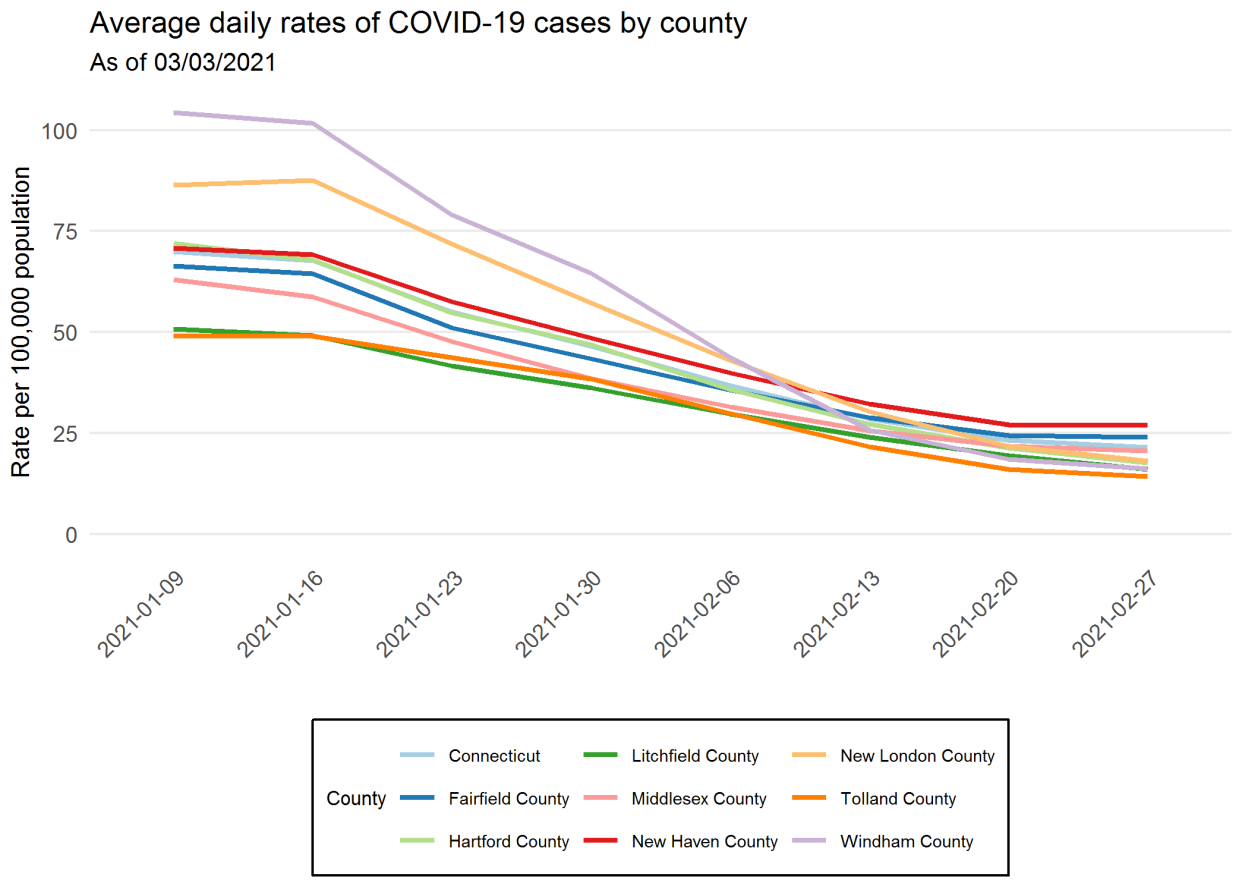
Average Daily Incidence by Age Group

The chart below shows the average number of new COVID-19 cases per day per 100,000 population by age group. The rates in this chart are calculated by averaging the number of new cases diagnosed each day during the previous two weeks, dividing by the annual population in each age group, and then multiplying by 100,000.



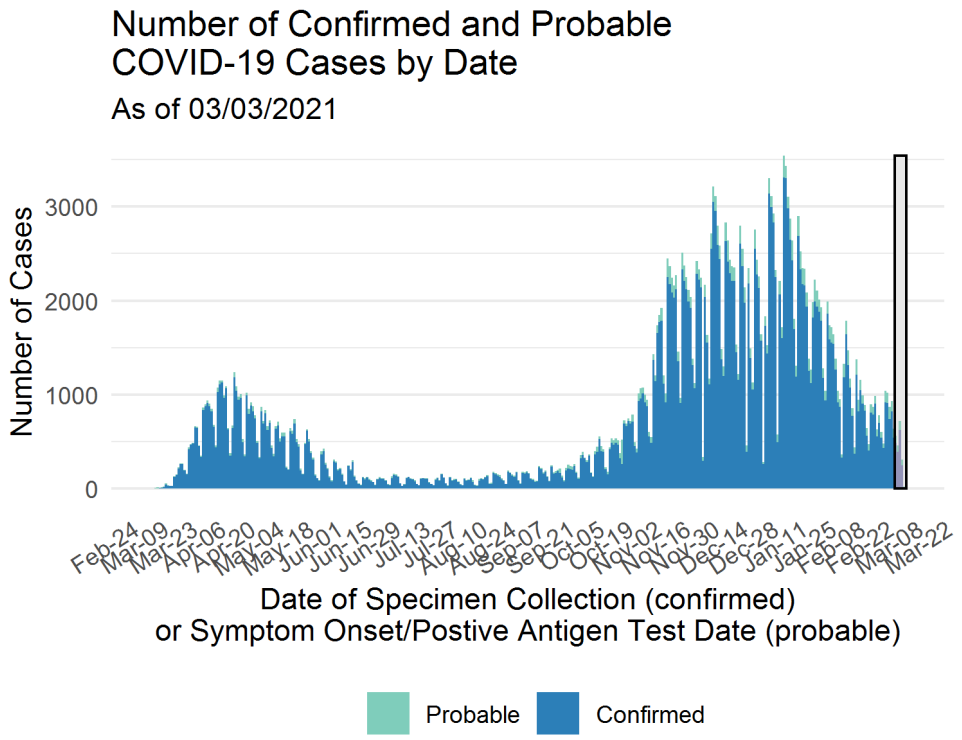
Average Daily Incidence by County

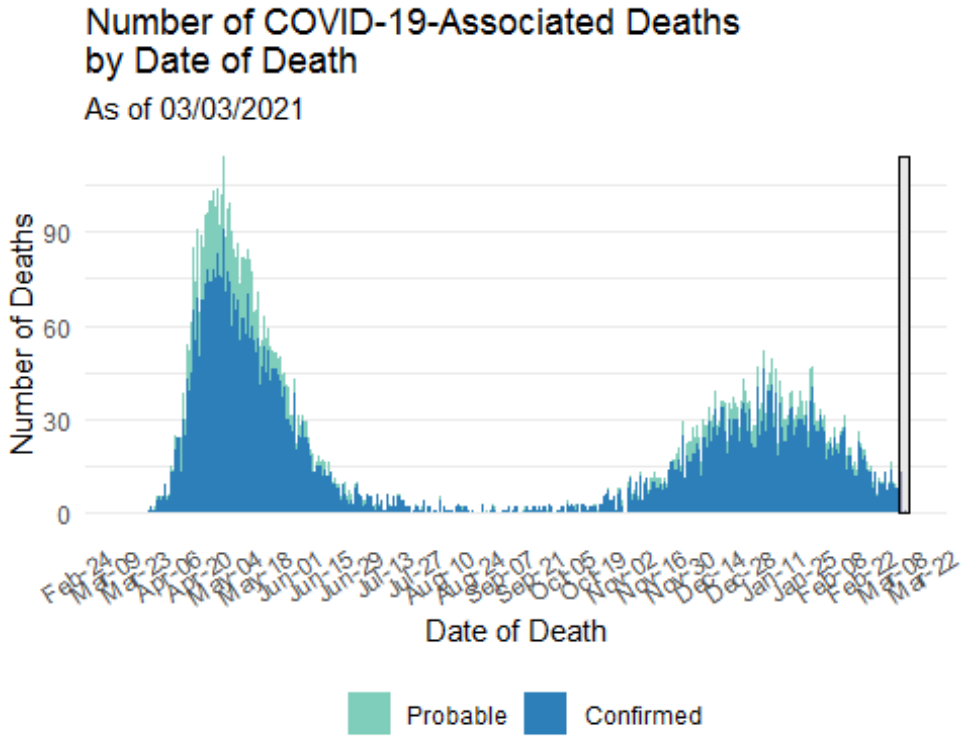
The chart below shows the average number of new COVID-19 cases per day per 100,000 population in the state of Connecticut and for each Connecticut county. The rates in this chart are calculated by averaging the number of new cases diagnosed each day during the previous two weeks, dividing by the annual estimated population, and then multiplying by 100,000.



Cumulative Number of COVID-19 Cases and COVID-19-Associated Deaths by Date

Test results may be reported several days after the result. Data are incomplete for most recent dates shaded in grey. Data from previous dates are routinely updated.



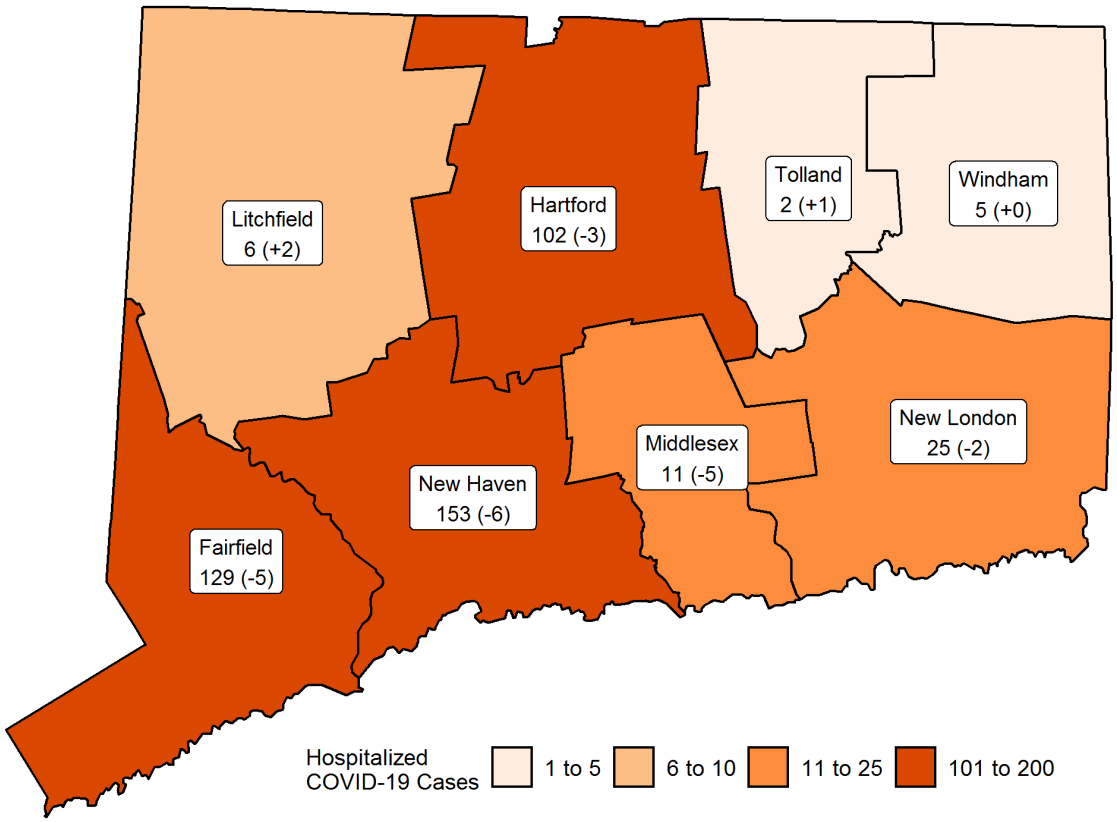


Hospitalization Surveillance

The map below shows the number of patients currently hospitalized with laboratory-confirmed COVID-19 by county based on data collected by the Connecticut Hospital Association. The distribution is by location of hospital, not patient residence. The labels indicate the number of patients currently hospitalized with the change since yesterday in parentheses.

Patients Currently Hospitalized by Connecticut County

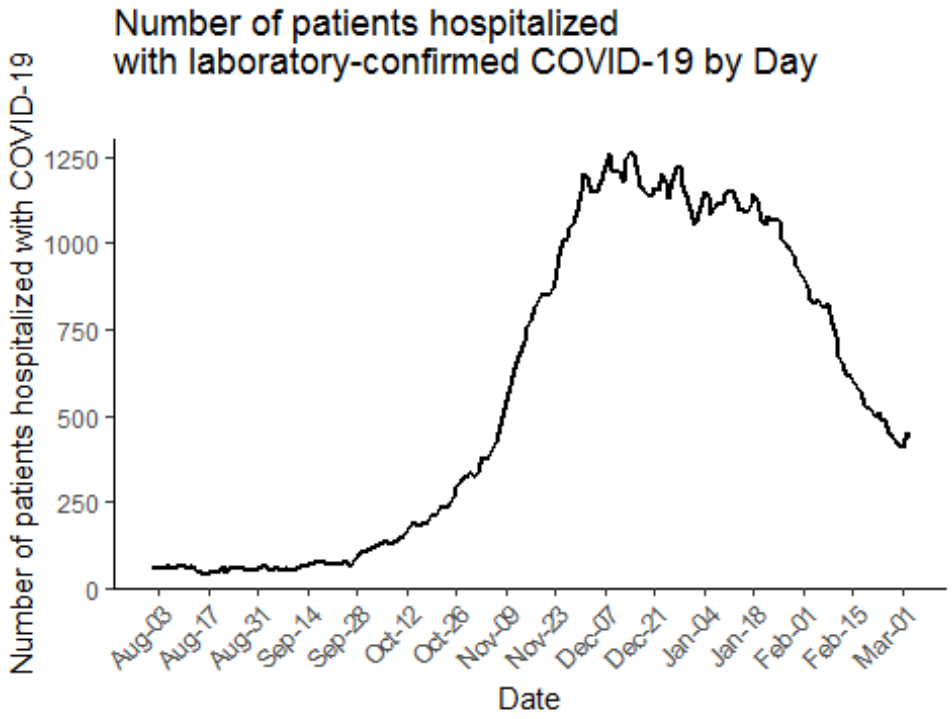
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



More information about hospitalized cases of COVID-19 in New Haven and Middlesex Counties is available from COVID-NET.

COVID-19 Hospital Census in Connecticut

The chart below shows the COVID-19 hospital census, which is the number of patients currently hospitalized with laboratory-confirmed COVID-19 on each day. Data were collected by the Connecticut Hospital Association and are shown since August 1, 2020

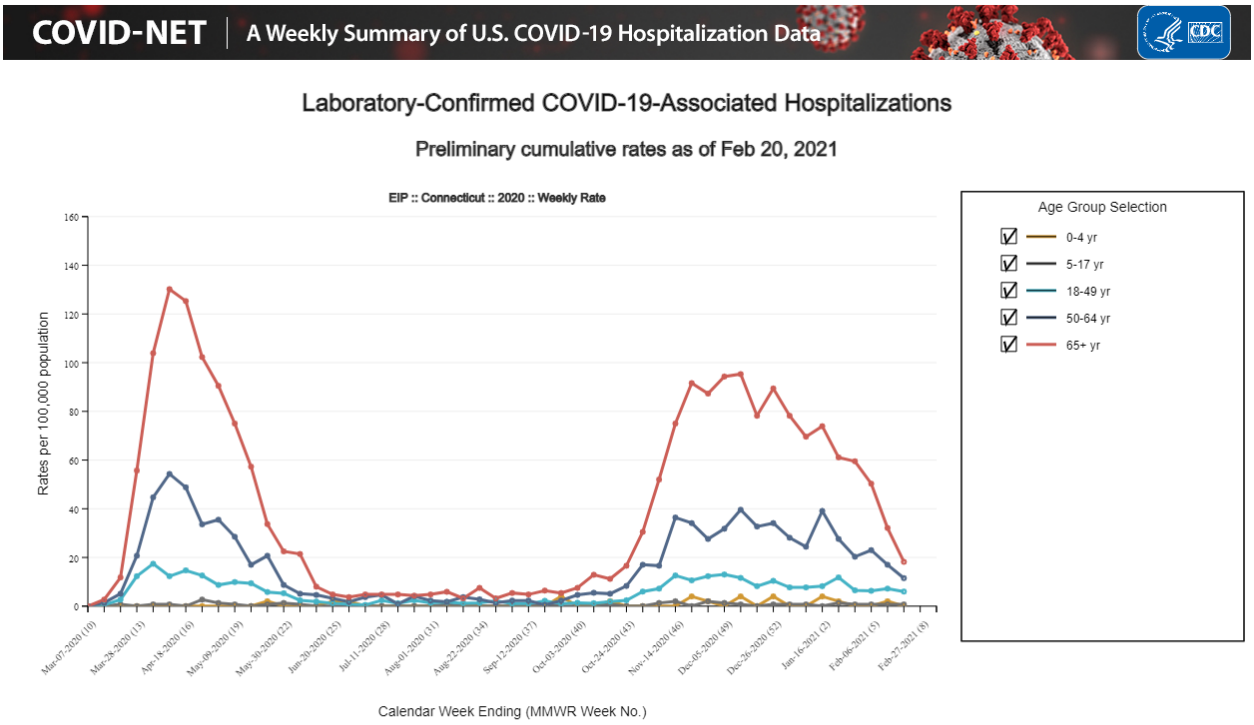


Weekly hospitalizations by age group in New Haven and Middlesex Counties

The chart below shows the weekly rate of laboratory-confirmed COVID-19-associated hospitalizations by age group for residents of New Haven and Middlesex Counties.

These data were collected by COVID-NET, the COVID-19-Associated Hospitalization Surveillance Network. Connecticut is one of 14 states that participate in COVID-NET, which conducts population-based surveillance for laboratory-confirmed COVID-19-associated hospitalizations. In Connecticut, COVID-NET surveillance covers residents of New Haven and Middlesex Counties, a population of approximately 1 million. These data are collected in partnership with CDC and other surveillance sites.

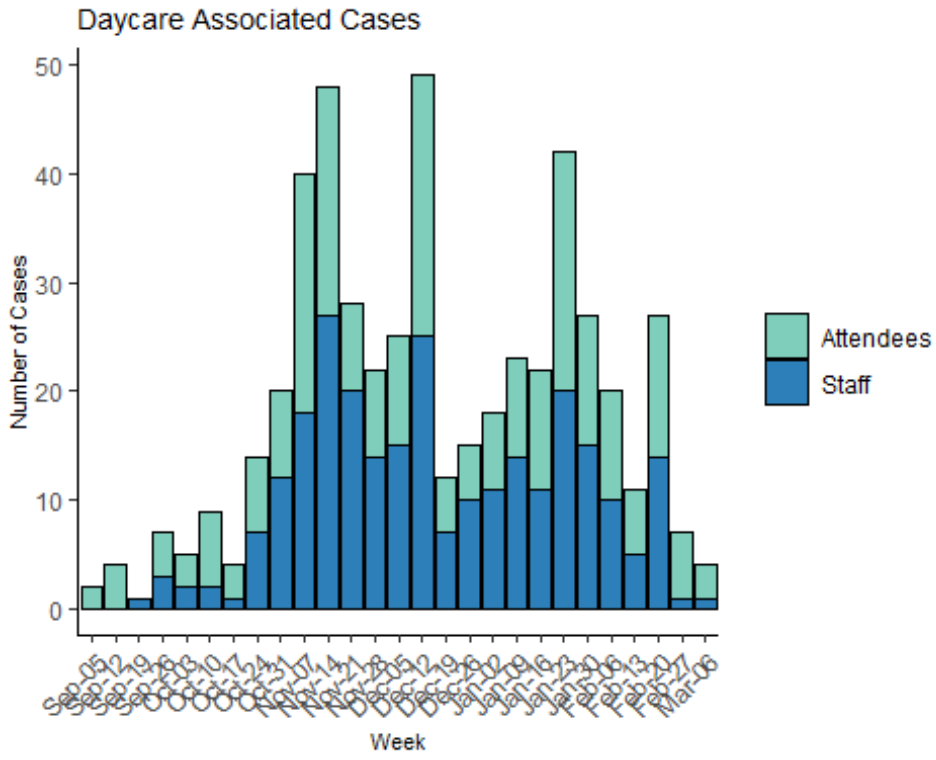
COVID-NET hospitalization data are preliminary and subject to change as more data become available. In particular, case counts and rates for recent hospital admissions are subject to lag. As data are received each week, prior case counts and rates are updated.



The Coronavirus Disease 2019 (COVID-19)-Associated Hospitalization Surveillance Network (COVID-NET) conducts population-based surveillance for laboratory-confirmed COVID-19-associated hospitalizations in children (persons younger than 18 years) and adults. The current network covers nearly 100 counties in the 10 Emerging Infections Program (EIP) states (CA, CO, CT, GA, MD, MN, NM, NY, OR, and TN) and four additional states through the Influenza Hospitalization Surveillance Project (IA, MI, OH, and UT). The network represents approximately 10% of US population (~32 million people). Cases are identified by reviewing hospital, laboratory, and admission databases and infection control logs for patients hospitalized with a documented positive SARS-CoV-2 test. Data gathered are used to estimate age-specific hospitalization rates on a weekly basis and describe characteristics of persons hospitalized with COVID-19. Laboratory confirmation is dependent on clinician-ordered SARS-CoV-2 testing. Therefore, the unadjusted rates provided are likely to be underestimated as COVID-19-associated hospitalizations can be missed due to test availability and provider or facility testing practices. COVID-NET hospitalization data are preliminary and subject to change as more data become available. In particular, case counts and rates for recent hospital admissions are subject to lag. As data are received each week, prior case counts and rates are updated accordingly. All incidence rates are unadjusted. Please use the following citation when referencing these data: "COVID-NET: COVID-19-Associated Hospitalization Surveillance Network, Centers for Disease Control and Prevention. WEBSITE. Accessed on DATE".

Daycare Surveillance

Licensed daycare providers are required to report cases of COVID-19 among attendees and staff to the Department of Public Health (DPH) and the local health department. This figure shows the number of cases among daycare attendees and staff reported to DPH since September 1, 2020. Data are preliminary and like other passive surveillance systems, under reporting occurs and the true incidence of disease is more than the number of cases reported.

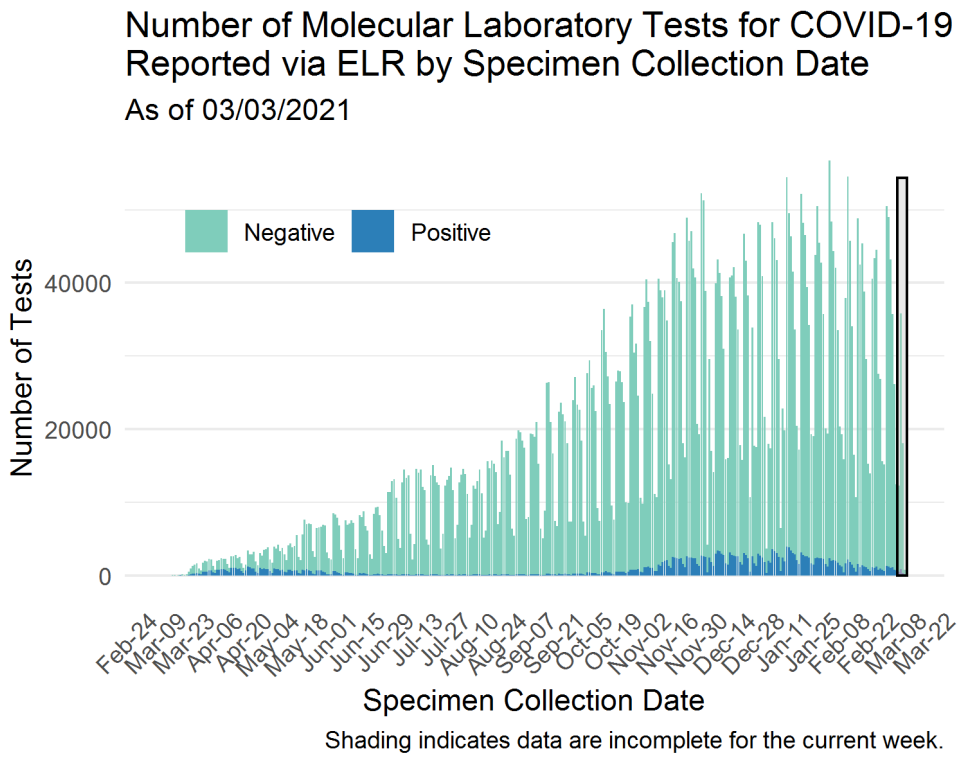


Laboratory Surveillance

Molecular Tests

To date, DPH has received reports on a total of 6,479,441 molecular COVID-19 laboratory tests; of these 6,191,266 test results were received via electronic laboratory reporting (ELR) methods from commercial laboratories, hospital laboratories, and the Dr. Katherine A. Kelley State Public Health Laboratory. The chart below shows the number of tests reported via ELR by date of specimen collection and test result.

Test results may be reported several days after specimen collection. Data are incomplete for most recent dates shaded in grey. Data for previous dates are routinely updated.



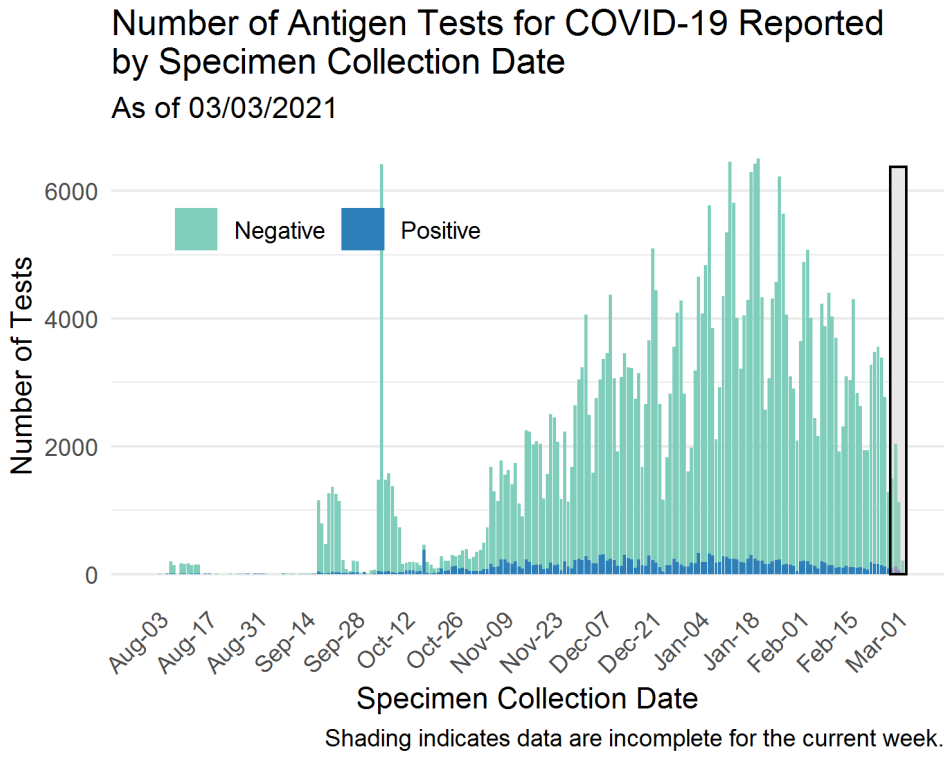
Testing of recently collected specimens is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

ELR = Electronic Laboratory Reporting

Antigen Tests

To date, DPH has received reports on a total of 394,785 COVID-19 antigen laboratory tests. The chart below shows the number of antigen tests reported to DPH by specimen collection date and test result.

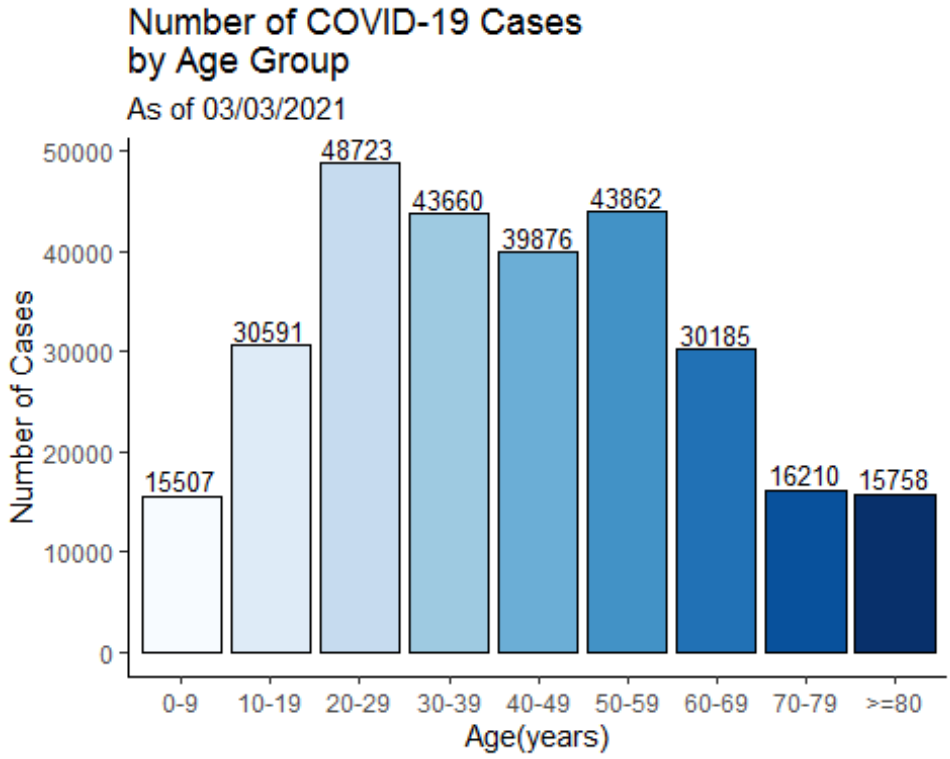
Test results may be reported several days after specimen collection. Data are incomplete for most recent dates shaded in grey. Data for previous dates are routinely updated.

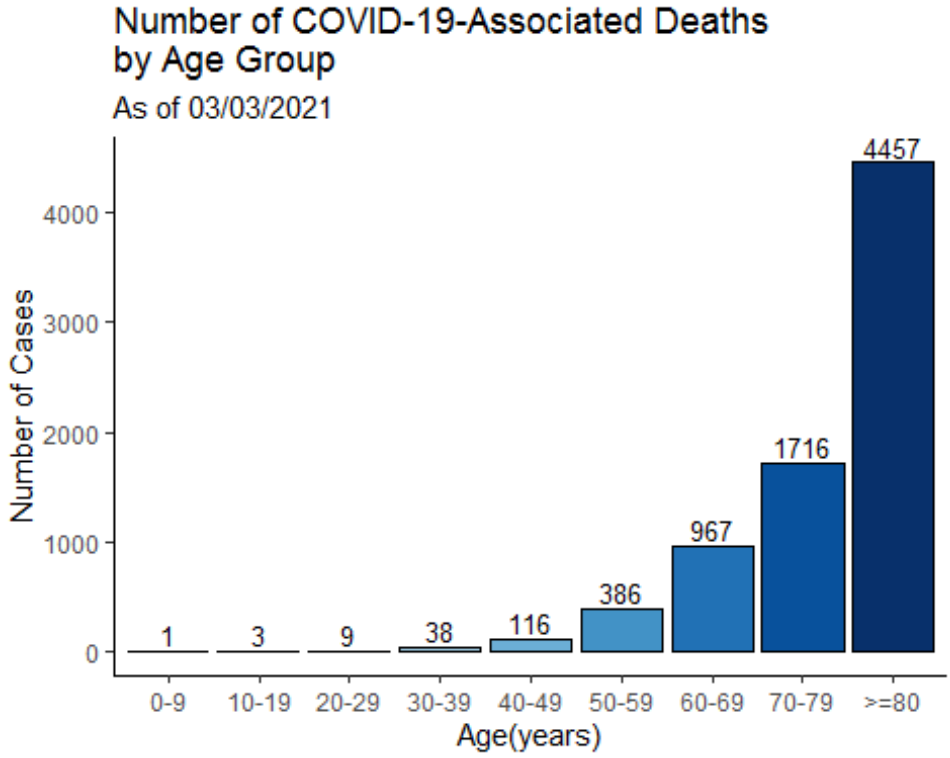


Testing of recently collected specimens is ongoing and does not reflect a decrease in testing.

Characteristics of COVID-19 Cases and Associated Deaths

Counts may not add up to total case count because demographic data may be missing.





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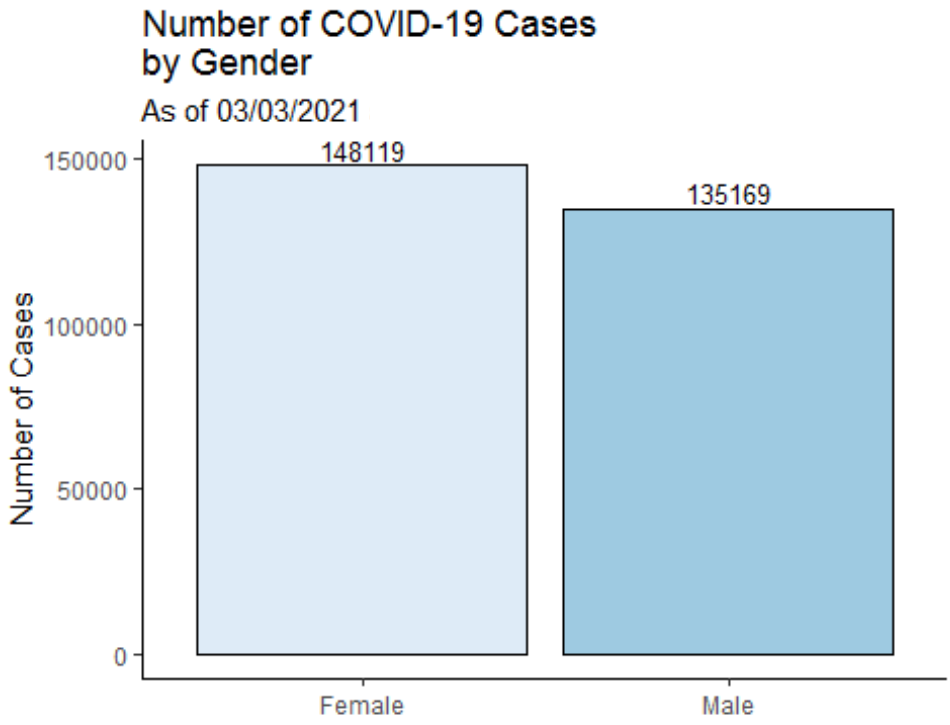
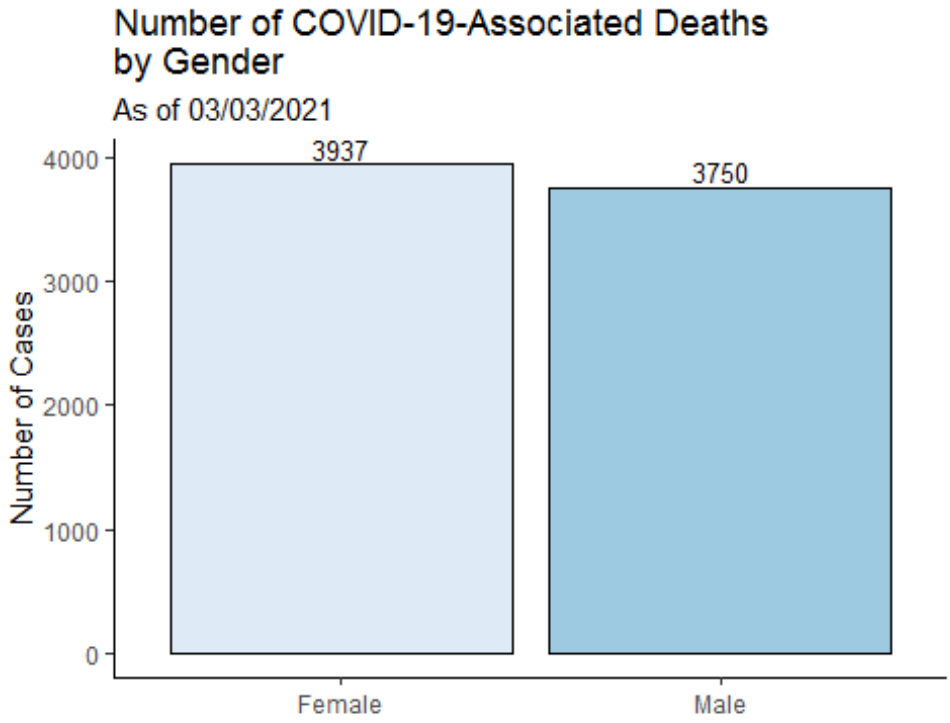
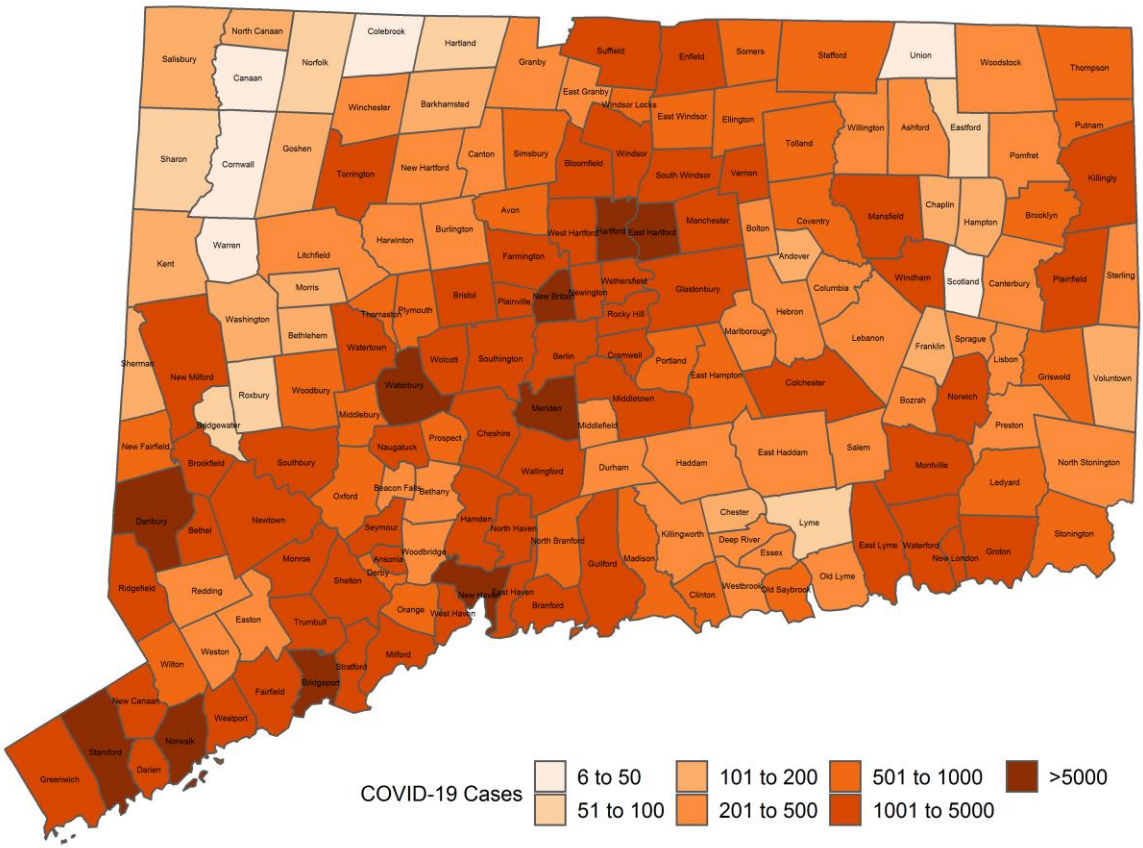




Cumulative Number of COVID-19 Cases by Town

Map does not include 979 cases pending address validation

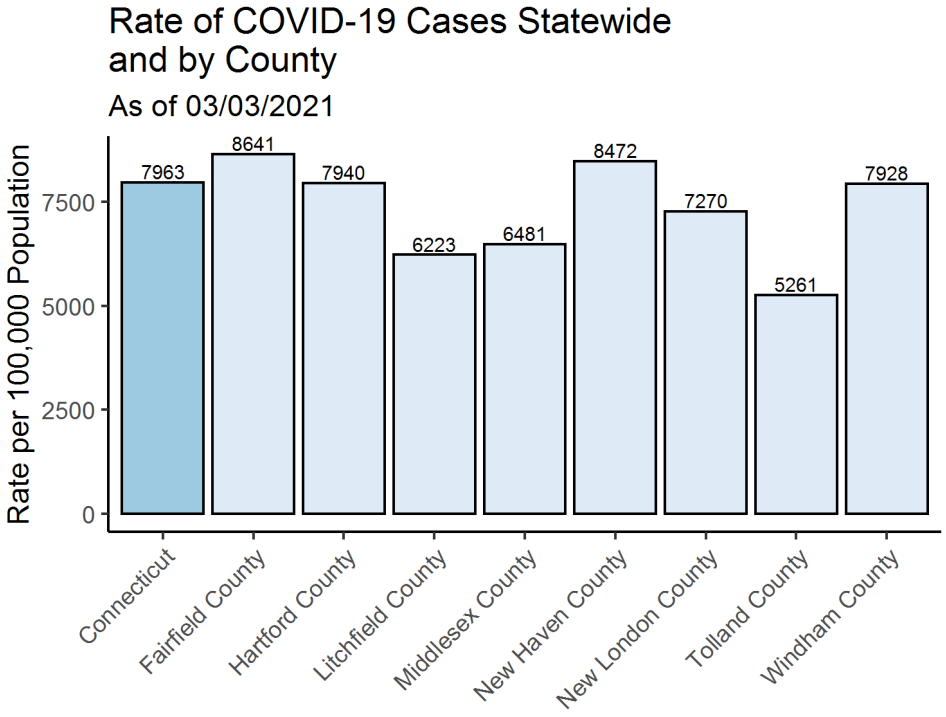


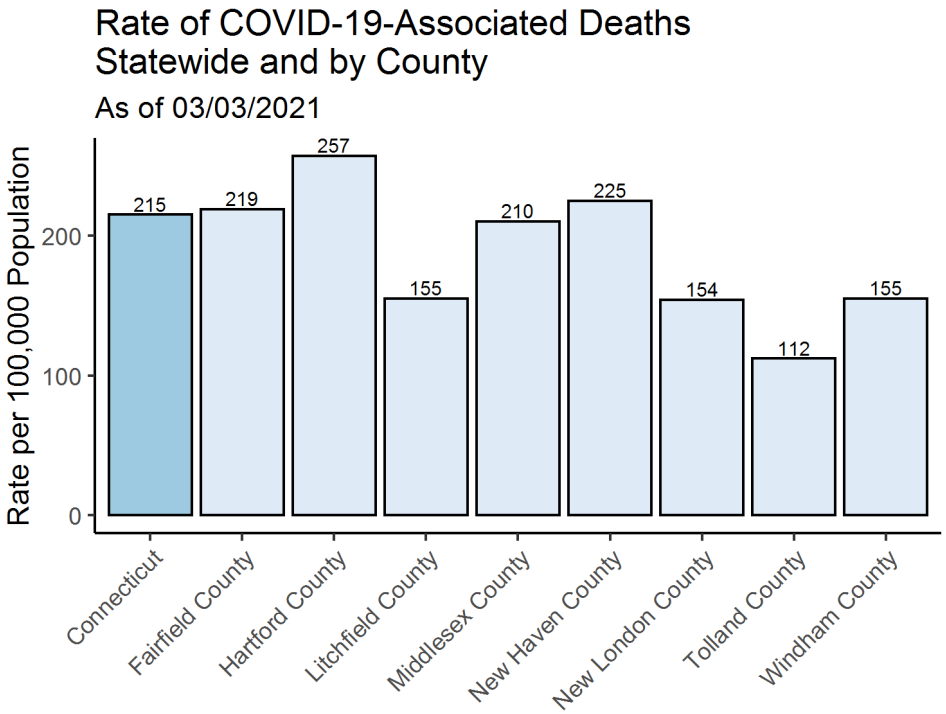
APPENDIX A. Cumulative Number of COVID-19 Cases by Town

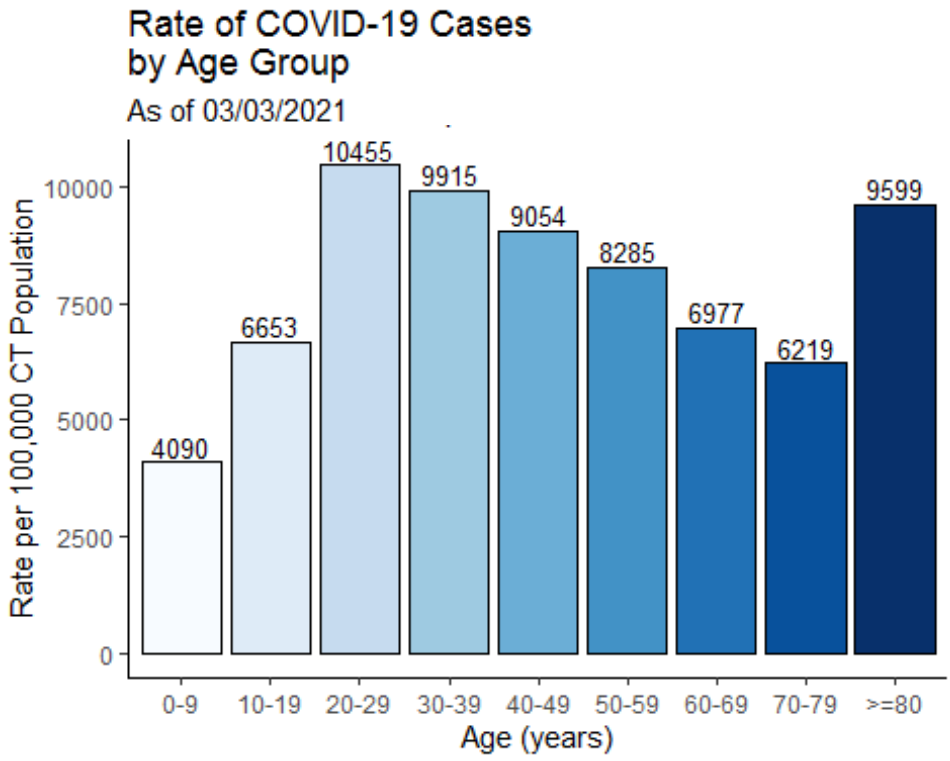
Table does not include 979 cases pending address validation

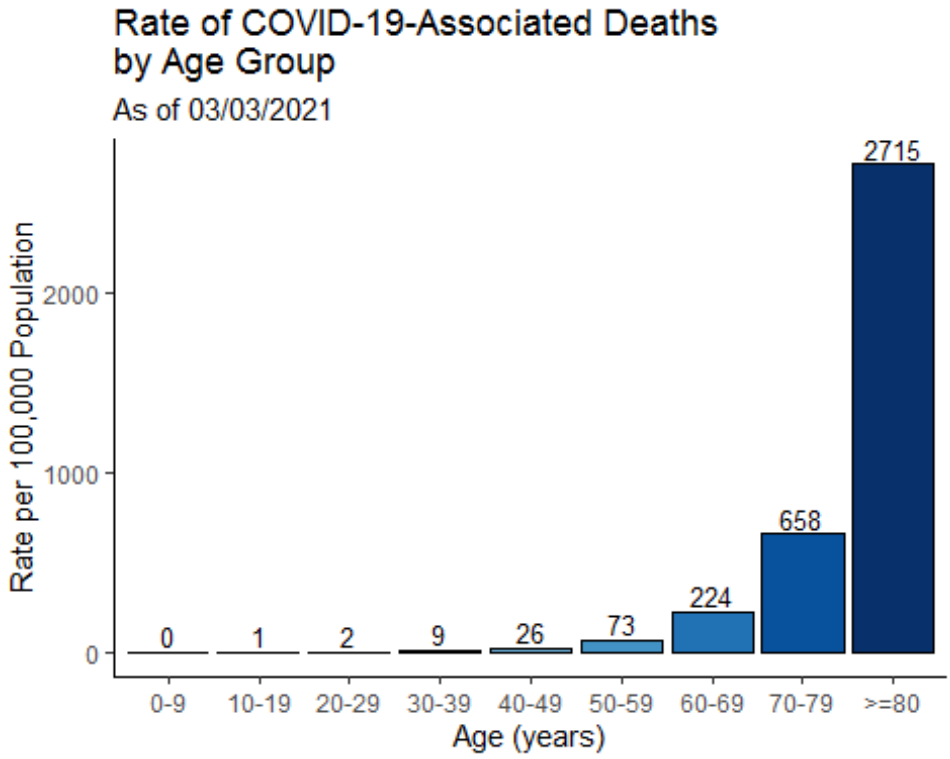
Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	135	17	Griswold	879	14	Prospect	659	60
Ansonia	1,366	174	Groton	2,214	124	Putnam	670	35
Ashford	215	8	Guilford	1,028	76	Redding	373	47
Avon	752	40	Haddam	388	29	Ridgefield	1020	158
Barkhamsted	126	4	Hamden	4,267	448	Rocky Hill	1440	102
Beacon Falls	419	26	Hampton	157	1	Roxbury	80	20
Berlin	1,265	65	Hartford	13,661	490	Salem	202	8
Bethany	297	26	Hartland	74	2	Salisbury	117	3
Bethel	1,392	223	Harwinton	254	14	Scotland	38	0
Bethlehem	153	17	Hebron	404	29	Seymour	1224	106
Bloomfield	1,679	74	Kent	109	24	Sharon	92	3
Bolton	212	16	Killingly	1,444	55	Shelton	2800	270
Bozrah	198	3	Killingworth	291	22	Sherman	106	45
Branford	1,763	206	Lebanon	386	8	Simsbury	855	48
Bridgeport	14,873	788	Ledyard	853	24	Somers	773	62
Bridgewater	48	17	Lisbon	246	3	South Windsor	1327	67
Bristol	4,520	289	Litchfield	330	21	Southbury	1032	116
Brookfield	1,083	253	Lyme	82	7	Southington	2692	315
Brooklyn	685	14	Madison	898	68	Sprague	195	6
Burlington	445	24	Manchester	3,828	250	Stafford	520	26
Canaan	7	0	Mansfield	1,122	122	Stamford	12623	534
Canterbury	356	11	Marlborough	312	22	Sterling	239	6
Canton	379	21	Meriden	6,375	405	Stonington	909	51
Chaplin	102	5	Middlebury	535	55	Stratford	3774	414
Cheshire	1,606	233	Middlefield	200	18	Suffield	1081	241
Chester	186	8	Middletown	3,362	276	Thomaston	522	40
Clinton	775	47	Milford	3,432	334	Thompson	549	26
Colchester	959	64	Monroe	978	100	Tolland	739	46
Colebrook	37	2	Montville	1,501	92	Torrington	2681	78
Columbia	270	16	Morris	107	4	Trumbull	2333	219
Cornwall	43	0	Naugatuck	2,588	214	Union	45	1
Coventry	558	47	New Britain	7,988	355	Vernon	1617	109
Cromwell	973	69	New Canaan	1,104	92	Voluntown	170	2
Danbury	10,082	1,119	New Fairfield	780	130	Wallingford	3425	216
Darien	1,087	130	New Hartford	266	10	Warren	16	7
Deep River	235	17	New Haven	10,701	657	Washington	136	23
Derby	885	83	New London	2,914	54	Waterbury	11834	958
Durham	449	47	New Milford	1,380	421	Waterford	1353	68
East Granby	212	5	Newington	2,228	128	Watertown	1768	190
East Haddam	312	43	Newtown	1,315	237	West Hartford	3484	364
East Hampton	634	47	Norfolk	60	1	West Haven	4305	390
East Hartford	5,313	217	North Branford	834	107	Westbrook	412	31
East Haven	2,395	310	North Canaan	176	7	Weston	432	41
East Lyme	1,036	129	North Haven	1,630	237	Westport	1320	108
East Windsor	771	38	North Stonington	233	12	Wethersfield	2149	102
Eastford	73	3	Norwalk	9,033	578	Willington	215	14
Easton	308	23	Norwich	3,570	71	Wilton	857	118
Ellington	781	44	Old Lyme	276	6	Winchester	491	4
Enfield	2,853	158	Old Saybrook	717	42	Windham	2652	69
Essex	357	23	Orange	779	93	Windsor	2327	103
Fairfield	3,773	426	Oxford	695	46	Windsor Locks	874	21
Farmington	1,157	75	Plainfield	1,157	31	Wolcott	1435	132
Franklin	169	1	Plainville	1,201	102	Woodbridge	424	51
Glastonbury	1,708	130	Plymouth	670	67	Woodbury	455	47
Goshen	119	4	Pomfret	222	5	Woodstock	444	6
Granby	439	16	Portland	502	31			
Greenwich	3,792	267	Preston	297	6			

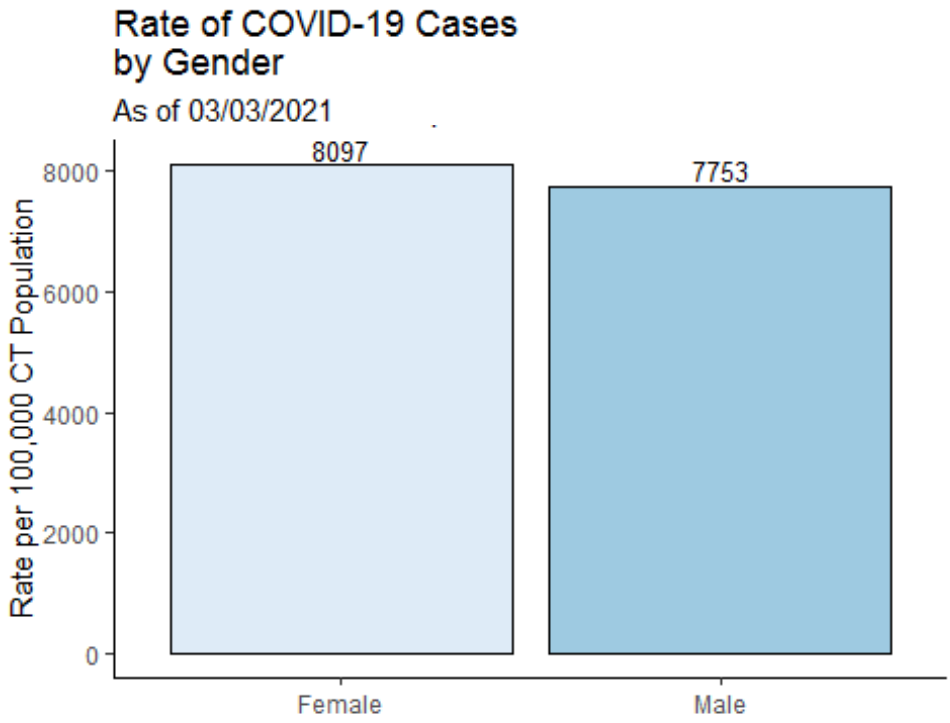
APPENDIX B. The following graphs show the number of cases per 100,000 Connecticut residents statewide and by county, age group, and gender. Population estimate from: [DPH Population Statistics]

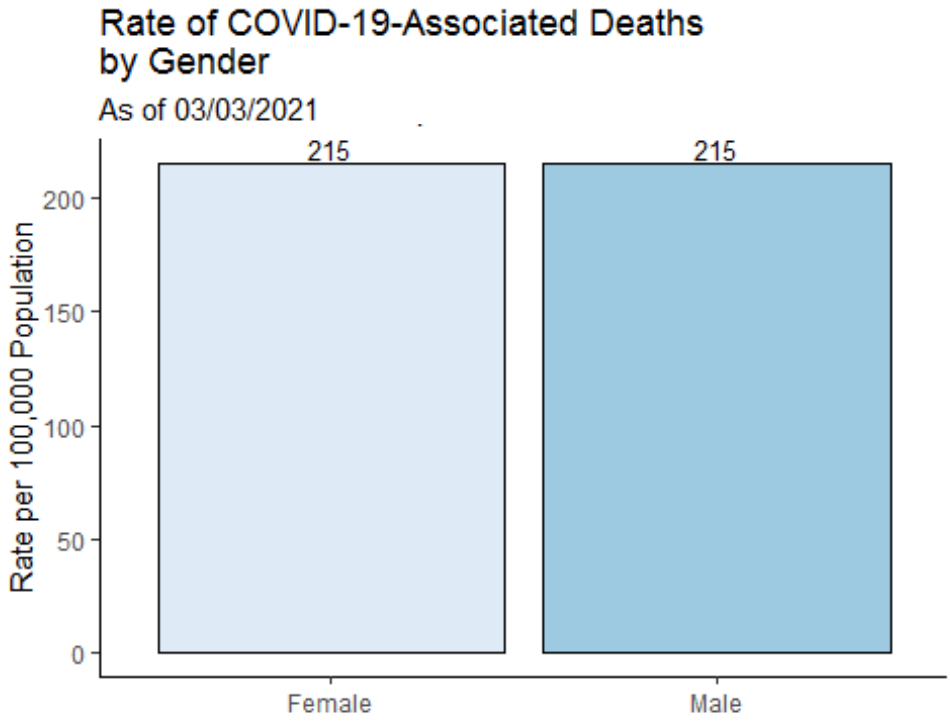




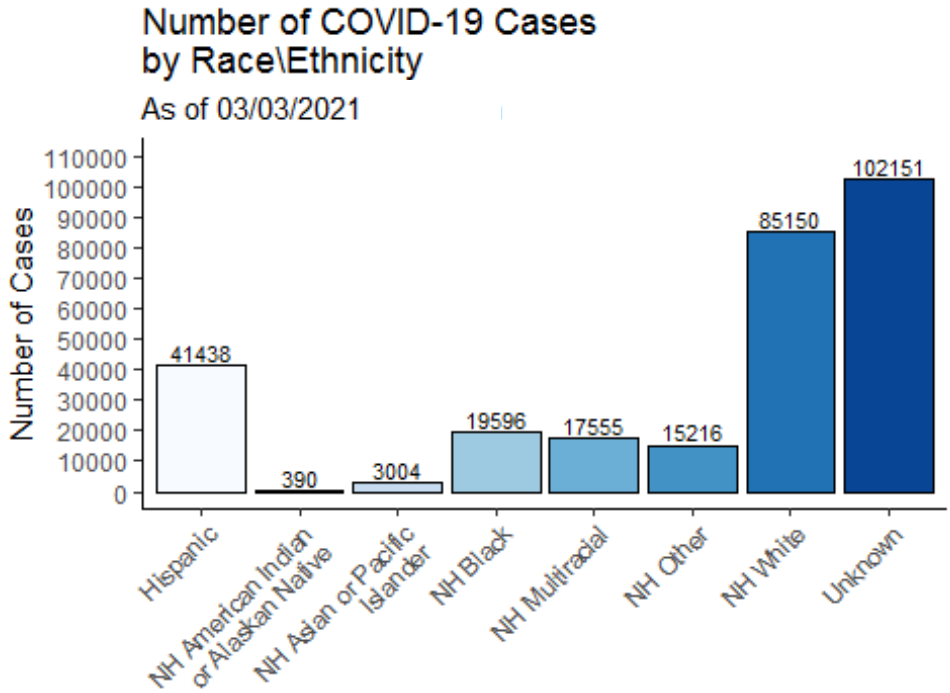

Rate of COVID-19 Cases
by Age Group
As of 03/03/2021
Rate per 100,000 CT Population
0
2500
5000
7500
10000
4090
6653
10455
9915
9054
8285
6977
6219
9599
0-9
10-19
20-29
30-39
40-49
50-59
60-69
70-79
>=80
Age (years)

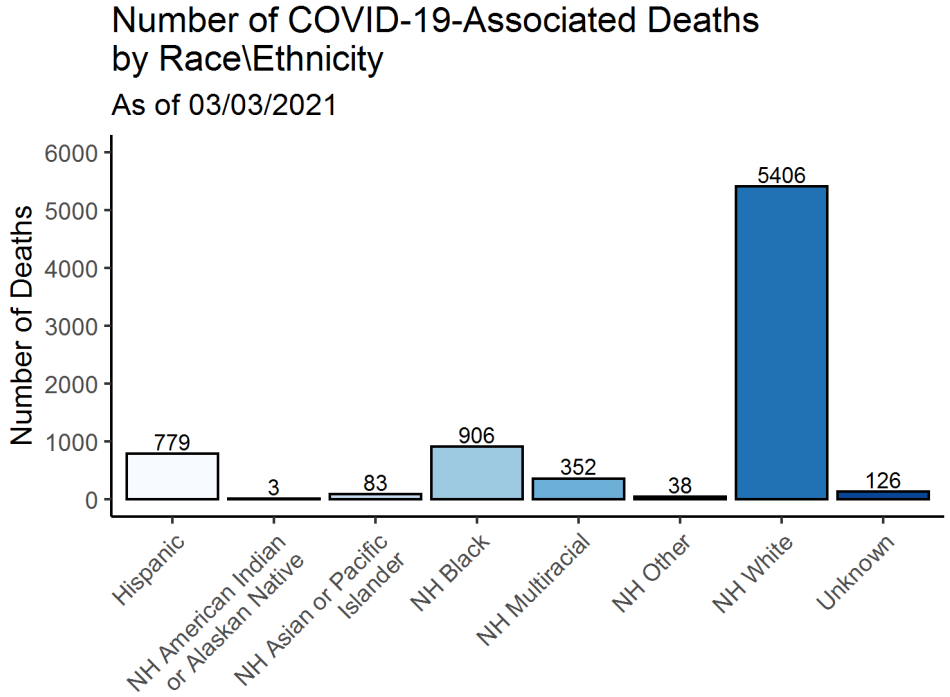

Rate of COVID-19-Associated Deaths
by Age Group
As of 03/03/2021
Rate per 100,000 Population
0
1000
2000
0
1
2
9
26
73
224
658
2715
0-9
10-19
20-29
30-39
40-49
50-59
60-69
70-79
>=80
Age (years)


Rate of COVID-19 Cases
by Gender
As of 03/03/2021
Rate per 100,000 CT Population
8000
6000
4000
2000
0
8097
7753
Female
Male


Rate of COVID-19-Associated Deaths
by Gender
As of 03/03/2021
Rate per 100,000 Population
200
150
100
50
0
215
215
Female
Male

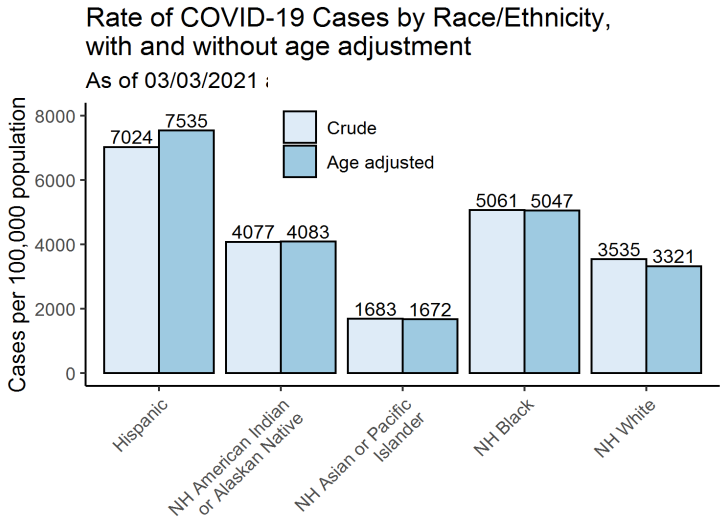
APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. *Categories are mutually exclusive. The category "multiracial" includes people who answered 'yes' to more than one race category. NH=Non-Hispanic*

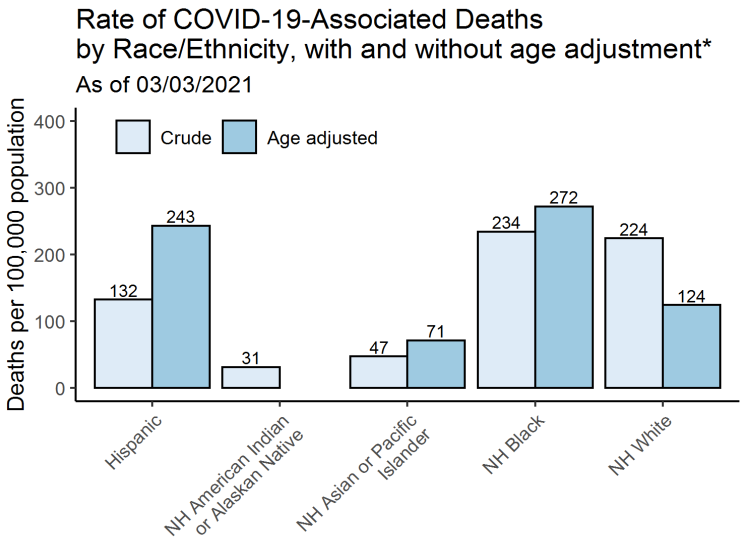




The following graphs show the number of COVID-19 cases and COVID-19-associated deaths per 100,000 population by race and ethnicity. Crude rates represent the total cases or deaths per 100,000 people. Age-adjusted rates consider the age of the person at diagnosis or death when estimating the rate and use a standardized population to provide a fair comparison between population groups with different age distributions. Age-adjustment is important in Connecticut as the median age of among the non-Hispanic white population is 47 years, whereas it is 34 years among non-Hispanic blacks, and 29 years among Hispanics. Because most non-Hispanic white residents who died were over 75 years of age, the age-adjusted rates are lower than the unadjusted rates. In contrast, Hispanic residents who died tend to be younger than 75 years of age which results in higher age-adjusted rates.

The 2018 Connecticut and 2000 US Standard Million populations were used for age adjustment; population estimates from: DPH Population Statistics. *Categories are mutually exclusive. Cases missing data on race/ethnicity are excluded from calculation of rates. NH=Non-Hispanic*





**Age adjusted rates only calculated for groups with at least 30 deaths*