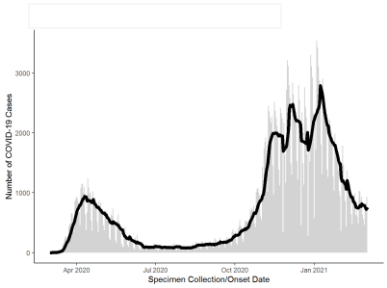
COVID-19 Update March 11, 2021

As of **March 10, 2021**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **289392**, including **269234** laboratory-confirmed and **20158** probable cases. **Three hundred eighty-three** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **7761** COVID-19-associated deaths.

Overall Summary	Total*	Change Since Yesterday
COVID-19 Cases (confirmed and probable)	289392	+735
COVID-19 Tests Reported (molecular and antigen)	7066838	+31185
Daily Test Positivity		2.36%
Patients Currently Hospitalized with COVID-19	383	-7
COVID-19-Associated Deaths	7761	+9

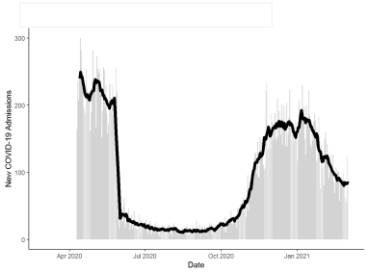
*Includes confirmed plus probable cases

Cases



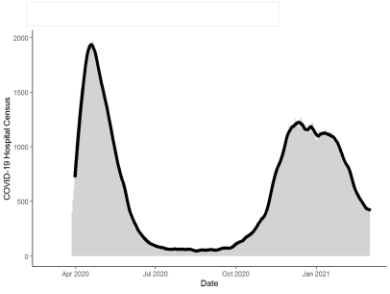
Total Cases: 289,392

Admissions



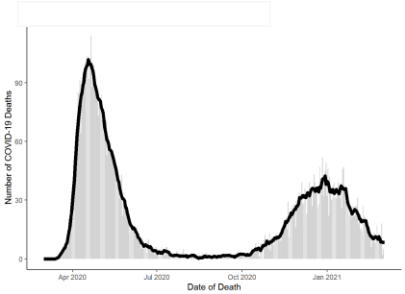
Total Hospitalizations: 30,179

Hospital Census



Hospital Census: 3/10/2021: 383

Deaths



Total Deaths: 7761

All data are preliminary and subject to change.

COVID-19 Cases and Associated Deaths by County of Residence a*s of 03/10/21.*

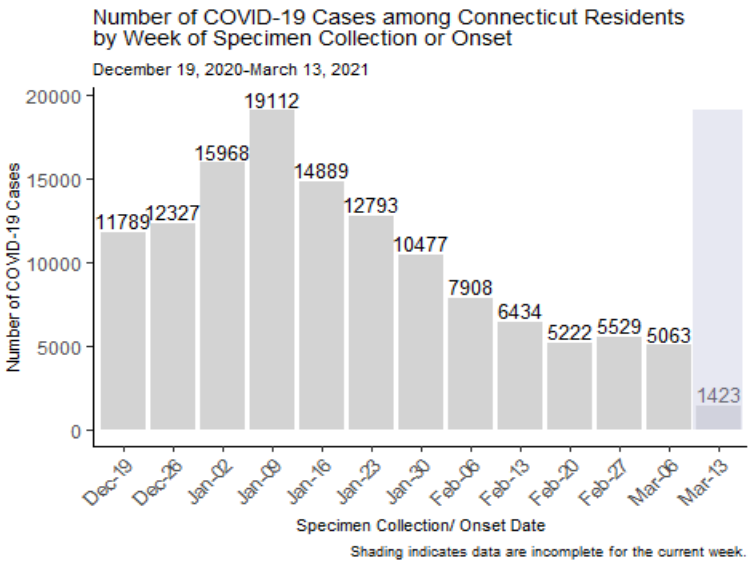
County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	76,472	6,509	1,673	412
Hartford County	67,770	3,952	1,897	417
Litchfield County	10,436	1,071	246	38
Middlesex County	9,968	776	263	83
New Haven County	68,194	6,083	1,694	257
New London County	18,880	769	319	98
Tolland County	7,526	572	138	34
Windham County	9,129	282	144	38
Pending address validation	859	144	6	4
Total	**269234**	**20158**	**6380**	**1381**

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

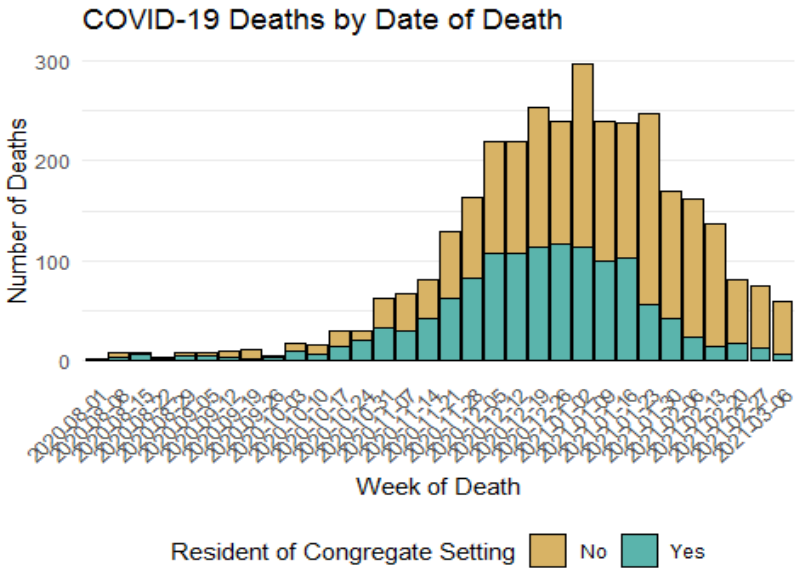
Day-to-day changes reflect newly reported cases, deaths, and tests that occurred over the last several days to week. All data in this report are preliminary; data for previous dates will be updated as new reports are received and data errors are corrected. Hospitalization data were collected by the Connecticut 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 21-March 06), there were 10,592 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.

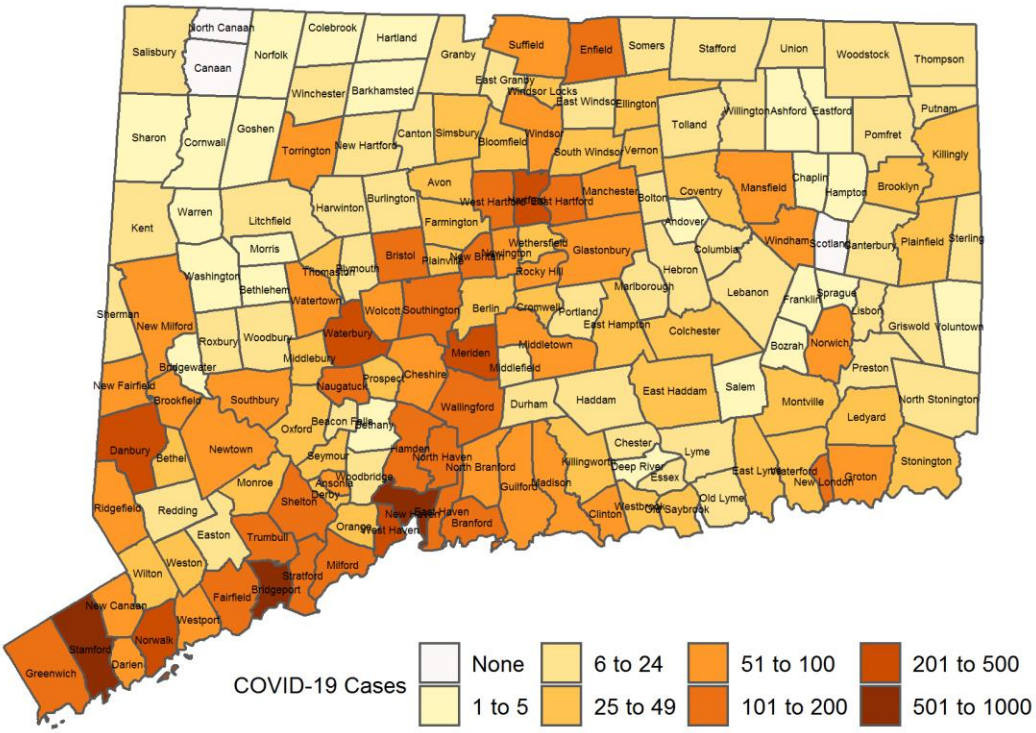


Community Transmission of COVID-19

Among 10,592 new COVID-19 cases with specimen collection or onset date during February 21-March 06, there were 10,455 cases among people living in community settings, as shown in the map below. This corresponds to an average of 20.9 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.

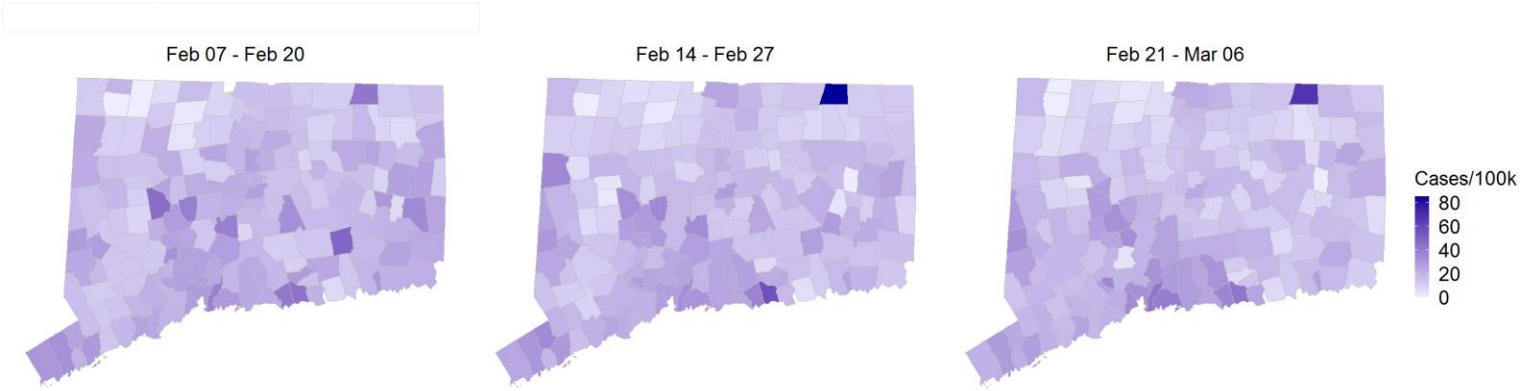
Number of COVID-19 Cases among People Living in Community Settings by Town with Specimen Collection or Onset Date During February 21-March 06



Map does not include 40 *cases pending address validation*

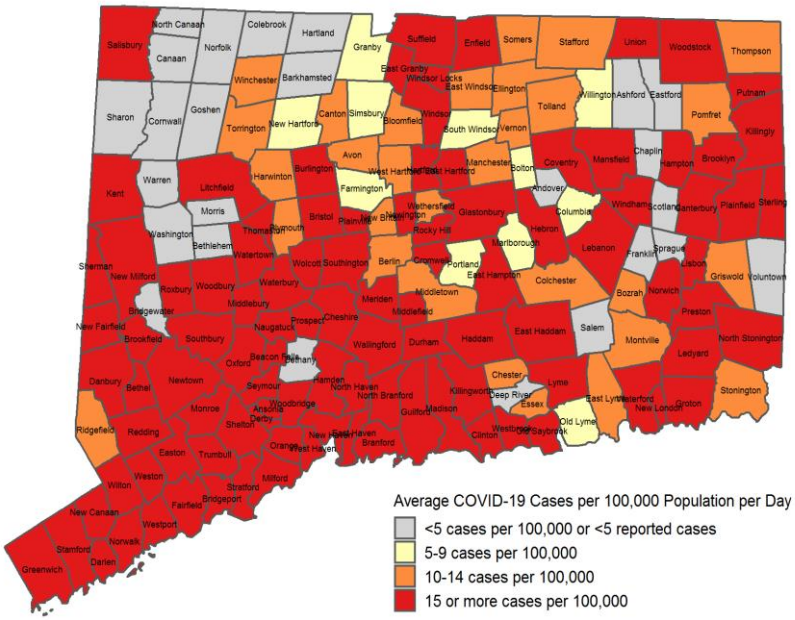
Because towns with larger populations are likely to have more cases, it is also important to look at the number of new cases per 100,000 population. The maps below show the average number of new cases per 100,000 population per day, with darker colors indicating higher rates. Cases among people residing 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 21-March 06, 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 21-March 06



Map does not include 40 *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 21-March 06, 2021

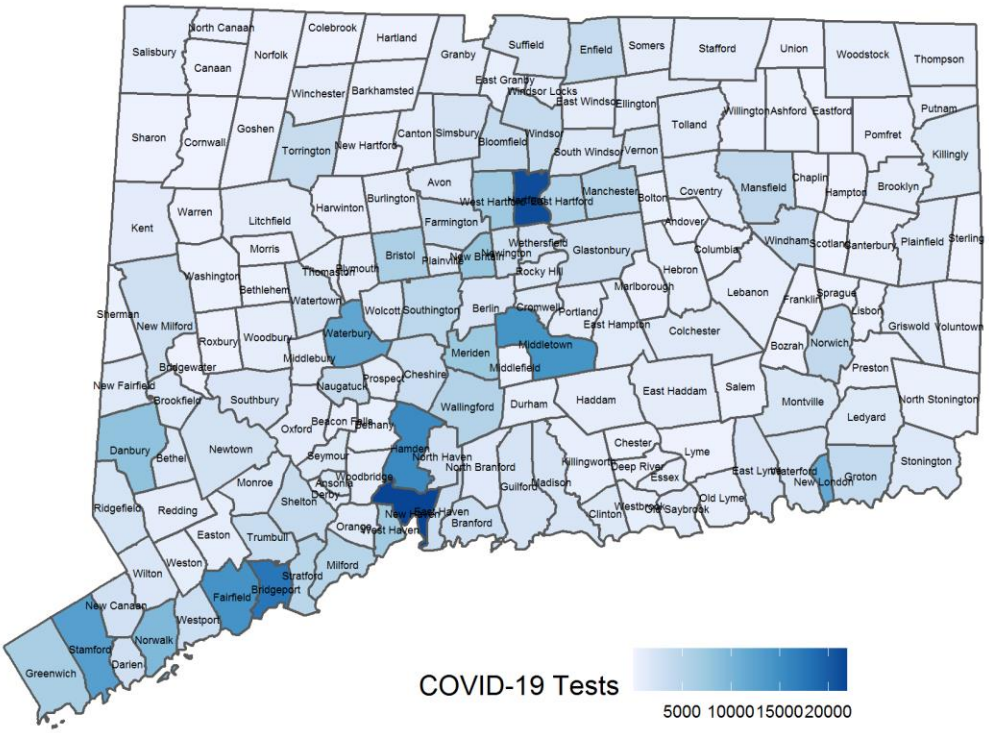
Map does not include 40 *cases pending address validation*

Town	Population	Cases	Rate	Town	Population	Cases	Rate	Town	Population	Cases	Rate
Andover	3,231	3	6.6	Griswold	11,591	22	13.6	Prospect	9790	45	32.8
Ansonia	18,721	95	36.2	Groton	38,692	97	17.9	Putnam	9395	23	17.5
Ashford	4,261	3	5.0	Guilford	22,216	88	28.3	Redding	9125	25	19.6
Avon	18,302	26	10.1	Haddam	8,222	25	21.7	Ridgefield	25008	51	14.6
Barkhamsted	3,624	2	3.9	Hamden	60,940	177	20.7	Rocky Hill	20145	67	23.8
Beacon Falls	6,182	18	20.8	Hampton	1,853	5	19.3	Roxbury	2160	6	19.8
Berlin	20,432	40	14.0	Hartford	122,587	290	16.9	Salem	4123	4	6.9
Bethany	5,479	3	3.9	Hartland	2,120	1	3.4	Salisbury	3598	9	17.9
Bethel	19,714	48	17.4	Harwinton	5,430	9	11.8	Scotland	1685	0	0
Bethlehem	3,422	4	8.3	Hebron	9,482	24	18.1	Seymour	16509	48	20.8
Bloomfield	21,301	43	14.4	Kent	2,785	7	18.0	Sharon	2703	4	10.6
Bolton	4,890	6	8.8	Killingly	17,287	38	15.7	Shelton	41097	108	18.8
Bozrah	2,537	5	14.1	Killingworth	6,370	28	31.4	Sherman	3614	15	29.6
Branford	28,005	157	40.0	Lebanon	7,207	17	16.8	Simsbury	24979	26	7.4
Bridgeport	144,900	525	25.9	Ledyard	14,736	48	23.3	Somers	10834	19	12.5
Bridgewater	1,641	3	13.1	Lisbon	4,248	9	15.1	South Windsor	26054	32	8.8
Bristol	60,032	131	15.6	Litchfield	8,127	25	22.0	Southbury	19656	54	19.6
Brookfield	17,002	53	22.3	Lyme	2,338	6	18.3	Southington	43807	125	20.4
Brooklyn	8,280	29	25.0	Madison	18,106	63	24.9	Sprague	2889	3	7.4
Burlington	9,665	24	17.7	Manchester	57,699	100	12.4	Stafford	11884	24	14.4
Canaan	1,055	0	0.0	Mansfield	25,817	73	20.2	Stamford	129775	523	28.8
Canterbury	5,100	12	16.8	Marlborough	6,358	8	9.0	Sterling	3780	12	22.7
Canton	10,270	18	12.5	Meriden	59,540	219	26.3	Stonington	18449	28	10.8
Chaplin	2,256	2	6.3	Middlebury	7,731	29	26.8	Stratford	51967	136	18.7
Cheshire	29,179	81	19.8	Middlefield	4,380	10	16.3	Suffield	15743	51	23.1
Chester	4,229	7	11.8	Middletown	46,146	87	13.5	Thomaston	7560	30	28.3
Clinton	12,950	66	36.4	Milford	54,661	159	20.8	Thompson	9395	17	12.9
Colchester	15,936	26	11.7	Monroe	19,470	45	16.5	Tolland	14655	21	10.2
Colebrook	1,405	1	5.1	Montville	18,716	35	13.4	Torrington	34228	64	13.4
Columbia	5,385	7	9.3	Morris	2,262	1	3.2	Trumbull	35802	101	20.2
Cornwall	1,368	1	5.2	Naugatuck	31,288	110	25.1	Union	840	8	68
Coventry	12,414	28	16.1	New Britain	72,453	147	14.5	Vernon	29303	48	11.7
Cromwell	13,905	34	17.5	New Canaan	20,213	67	23.7	Voluntown	2535	2	5.6
Danbury	84,730	317	26.7	New Fairfield	13,877	63	32.4	Wallingford	44535	164	26.3
Darien	21,753	67	22.0	New Hartford	6,685	9	9.6	Warren	1399	3	15.3
Deep River	4,463	4	6.4	New Haven	130,418	593	32.5	Washington	3434	4	8.3
Derby	12,515	48	27.4	New London	26,939	101	26.8	Waterbury	108093	494	32.6
Durham	7,195	22	21.8	New Milford	26,974	74	19.6	Waterford	18887	45	17
East Granby	5,147	13	18.0	Newington	30,112	69	16.4	Watertown	21641	88	29
East Haddam	8,988	26	20.7	Newtown	27,774	73	18.8	West Hartford	62939	124	14.1
East Hampton	12,854	27	15.0	Norfolk	1,640	2	8.7	West Haven	54879	266	34.6
East Hartford	49,998	122	17.4	North Branford	14,158	57	28.8	Westbrook	6914	41	42.4
East Haven	28,699	169	42.1	North Canaan	3,254	0	0.0	Weston	10247	31	21.6
East Lyme	18,645	33	12.6	North Haven	23,691	107	32.3	Westport	28115	83	21.1
East Windsor	11,375	20	12.6	North Stonington	5,243	11	15.0	Wethersfield	26082	42	11.5
Eastford	1,790	2	8.0	Norwalk	89,047	347	27.8	Willington	5887	7	8.5
Easton	7,517	16	15.2	Norwich	39,136	94	17.2	Wilton	18397	49	19
Ellington	16,299	29	12.7	Old Lyme	7,366	7	6.8	Winchester	10655	18	12.1
Enfield	44,466	126	20.2	Old Saybrook	10,087	36	25.5	Windham	24706	55	15.9
Essex	6,674	13	13.9	Orange	13,949	43	22.0	Windsor	28760	66	16.4
Fairfield	61,952	156	18.0	Oxford	13,226	28	15.1	Windsor Locks	12876	32	17.8
Farmington	25,506	34	9.5	Plainfield	15,173	47	22.1	Wolcott	16649	60	25.7
Franklin	1,933	2	7.4	Plainville	17,623	37	15.0	Woodbridge	8805	24	19.5
Glastonbury	34,491	91	18.8	Plymouth	11,645	18	11.0	Woodbury	9537	21	15.7
Goshen	2,879	3	7.4	Pomfret	4,204	6	10.2	Woodstock	7862	20	18.2
Granby	11,375	9	5.7	Portland	9,305	11	8.4				
Greenwich	62,727	186	21.2	Preston	4,638	11	16.9				

COVID-19 Molecular and Antigen Tests during February 21-March 06

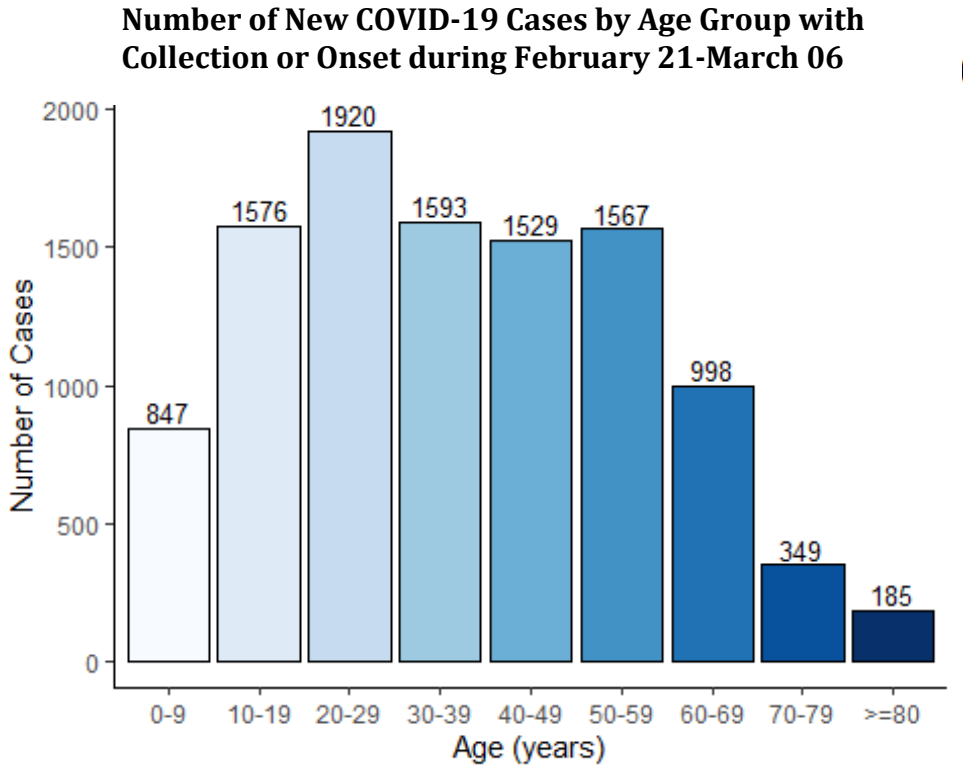
Among 439,699 molecular and antigen tests for COVID-19 with specimen collection date during February 21-March 06, 415,537 (95%) tests were conducted among people who did not reside in congregate settings (including nursing homes, assisted living, and correctional facilities). Of these 415,537 tests, 12,737 (3%) were positive. The map below shows the number of molecular and antigen COVID-19 tests by town with specimen collection date during February 21-March 06 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 21-March 06



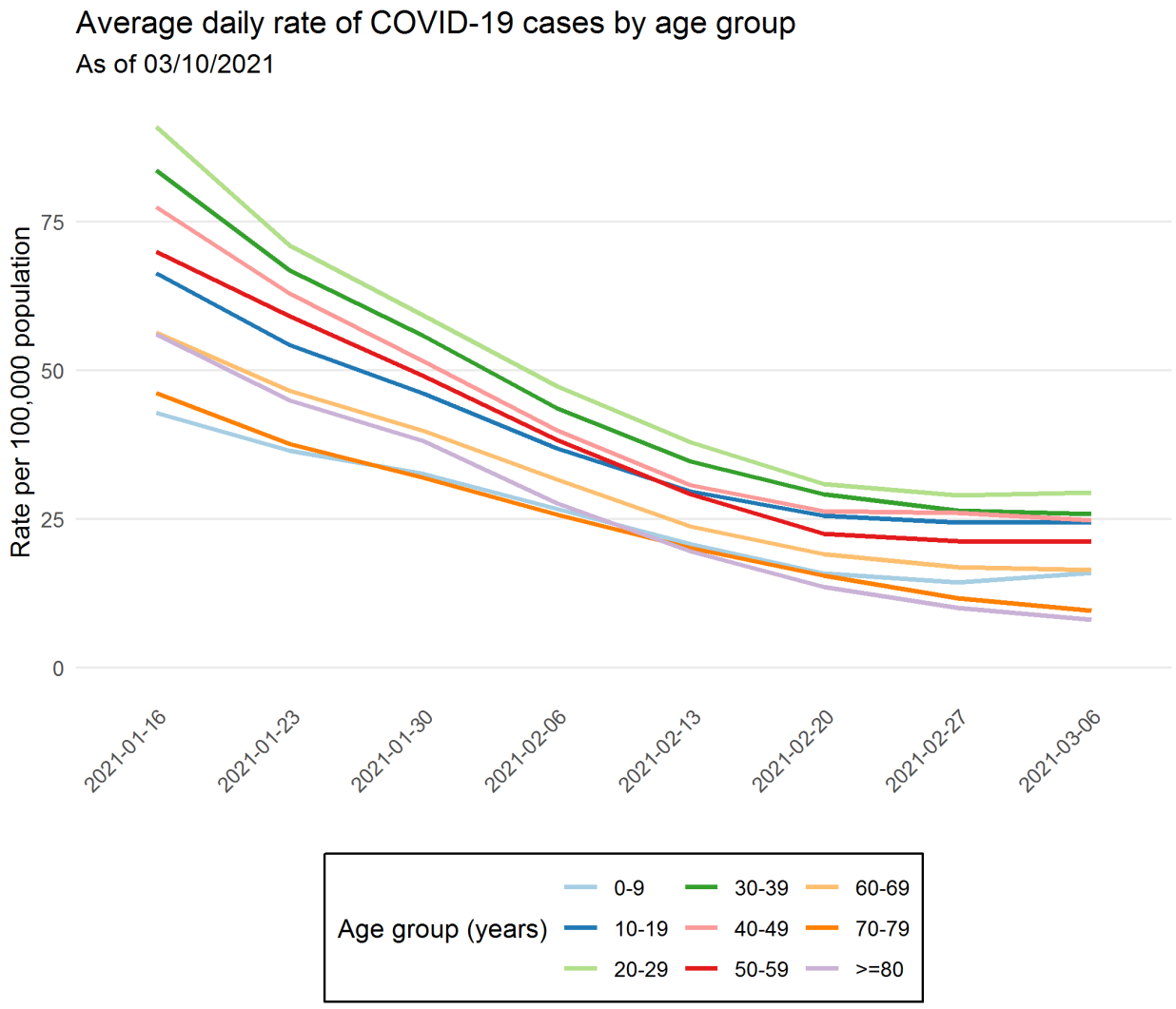
Map does not include tests pending address validation

Age Distribution of COVID-19 Cases with Specimen Collection or Onset During February 21-March 06, 2020



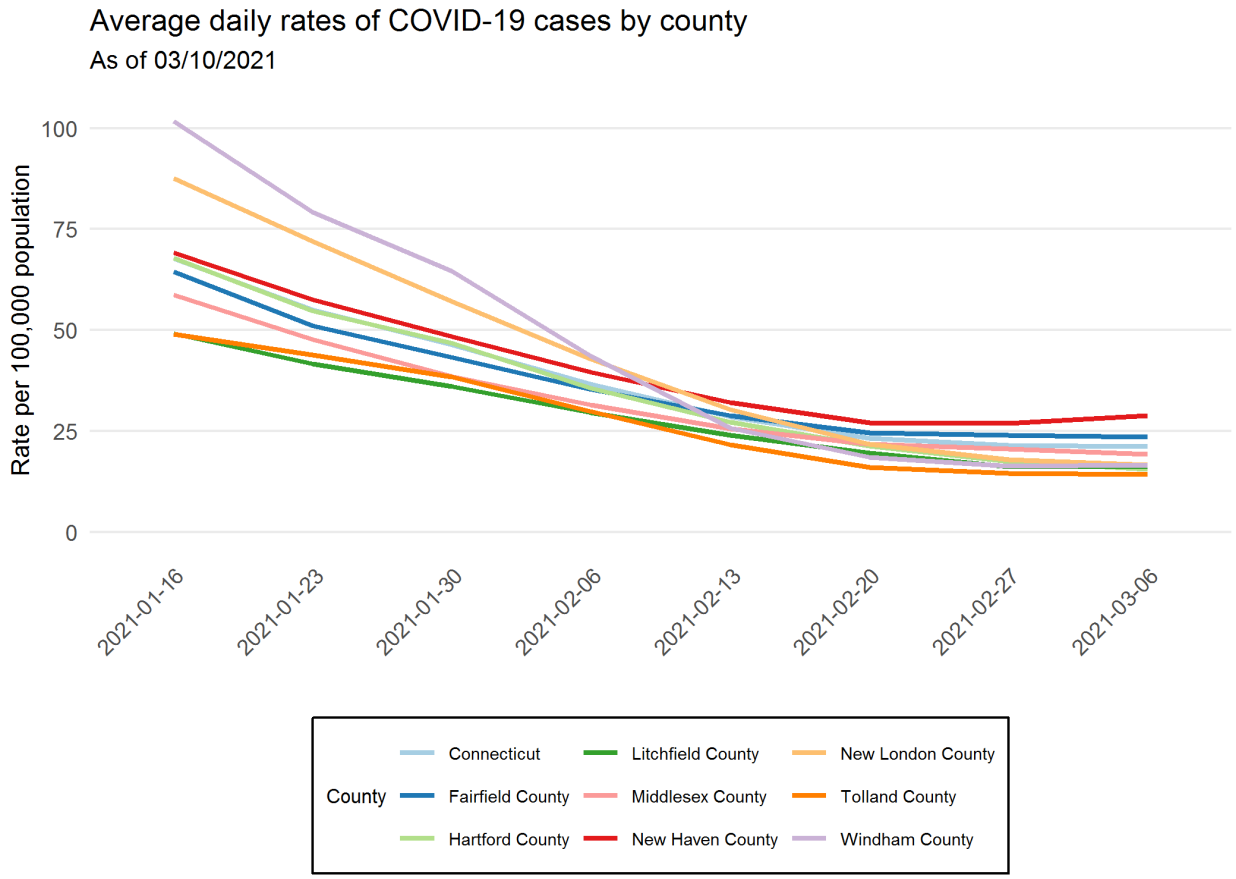
Average Daily Incidence by Age Group

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.



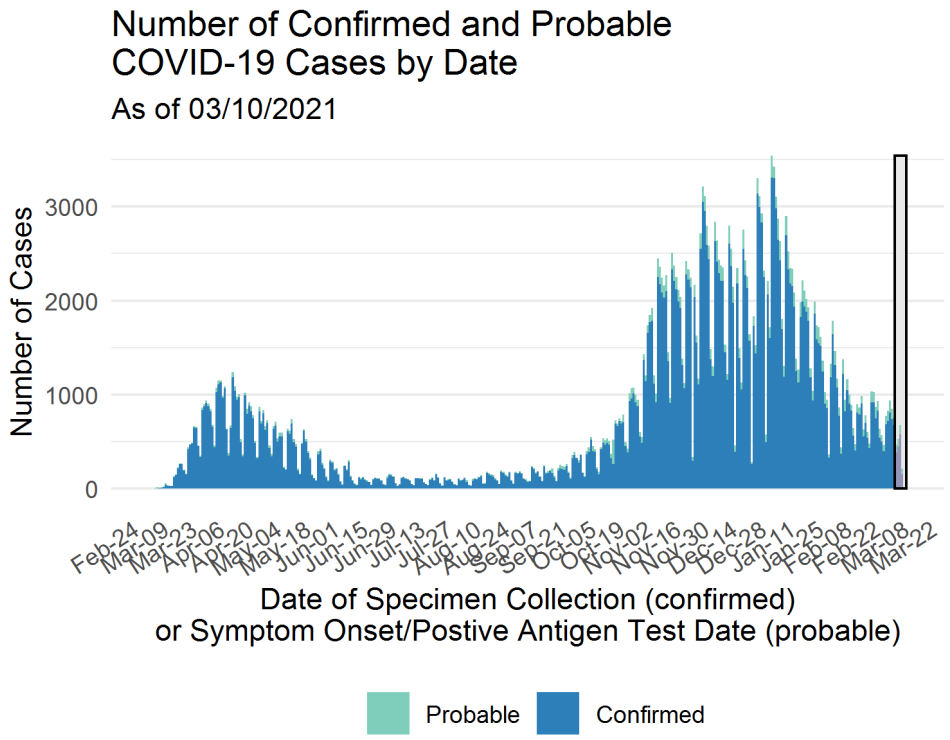
Average Daily Incidence by County

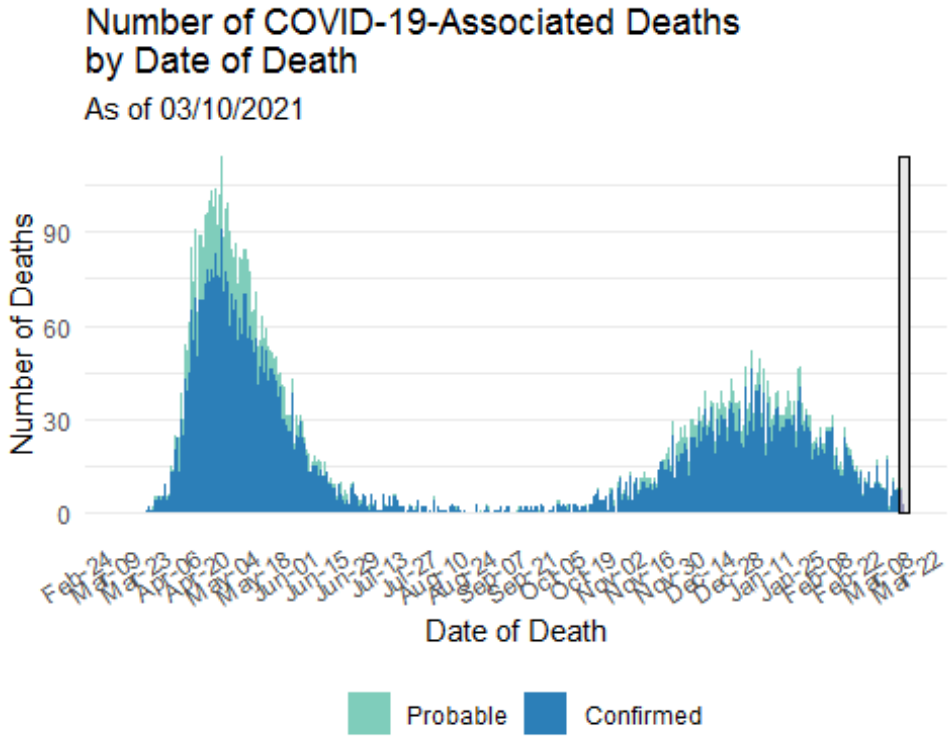
The chart below shows the average number of new COVID-19 cases per day per 100,000 population in the state of Connecticut and for each Connecticut county. The rates in this chart are calculated by averaging the number of new cases diagnosed each day during the previous two weeks, dividing by the annual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



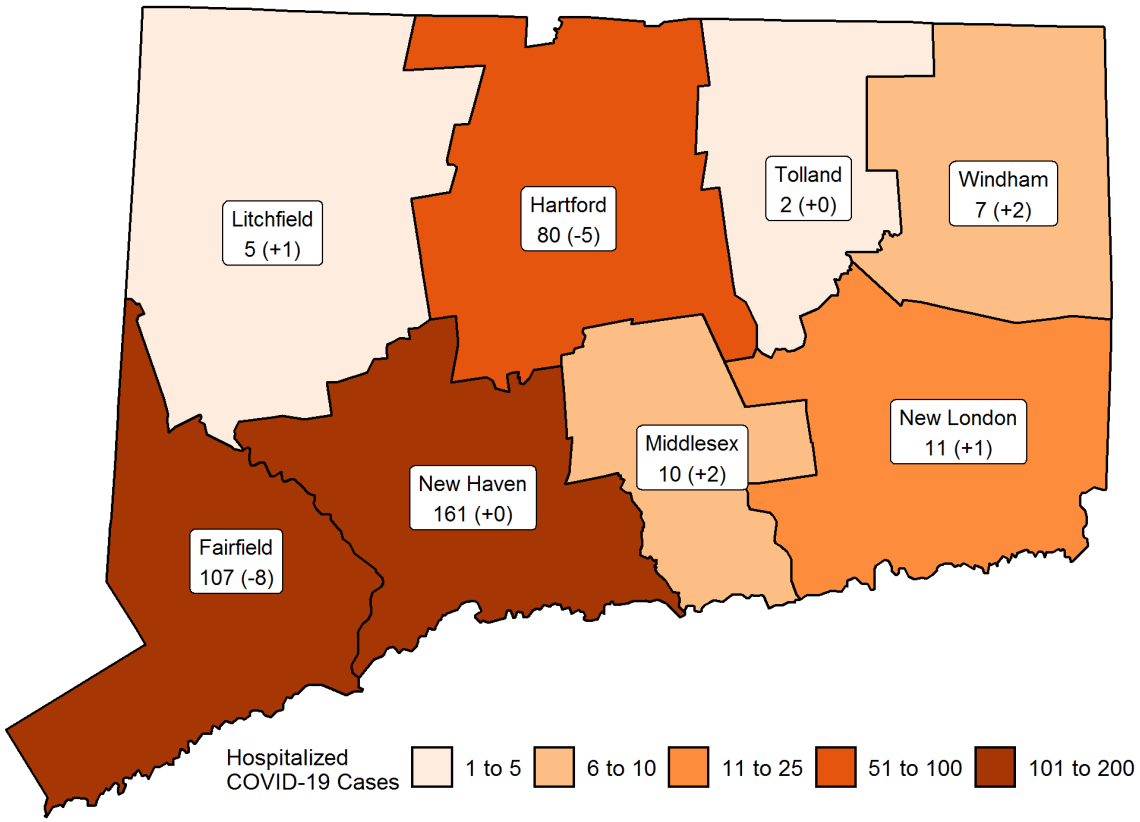


Hospitalization Surveillance

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

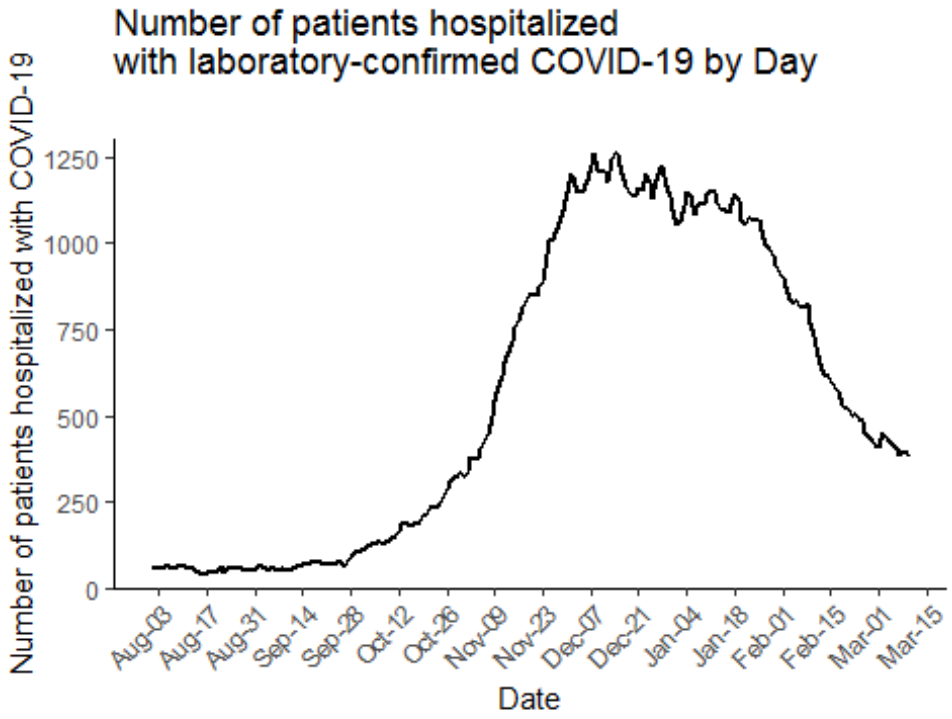
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



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.

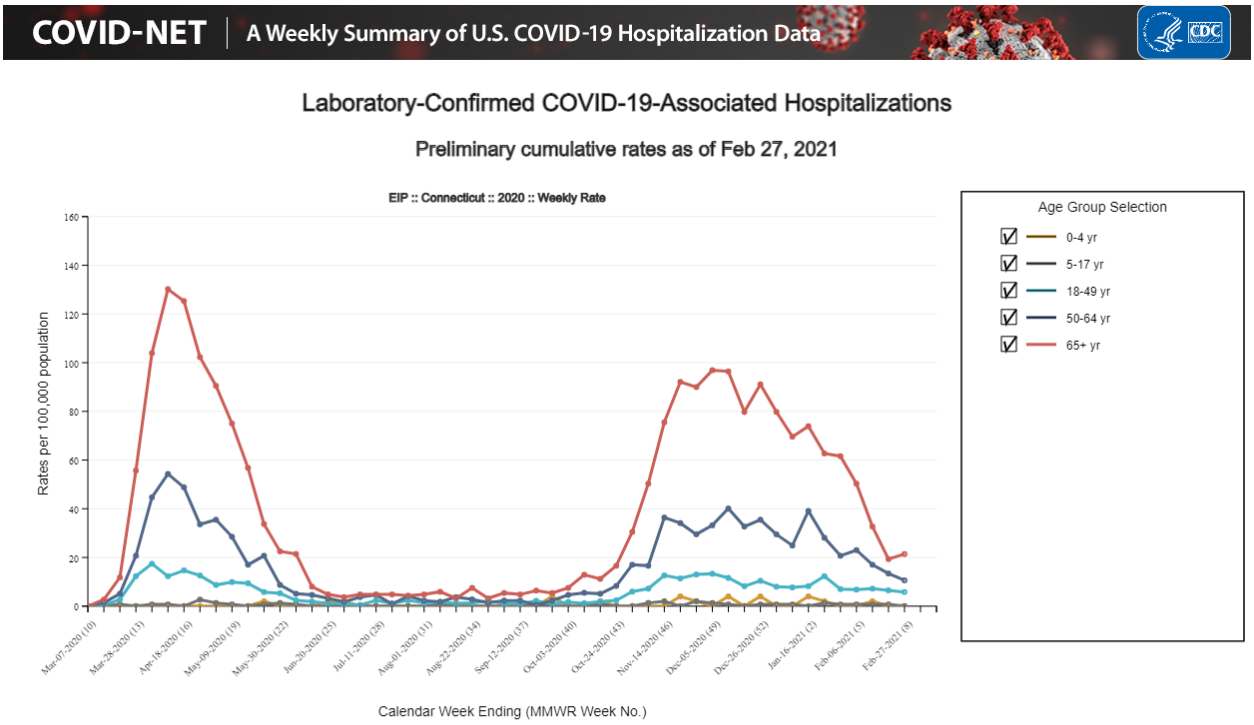


Weekly hospitalizations by age group in New Haven and Middlesex Counties

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.

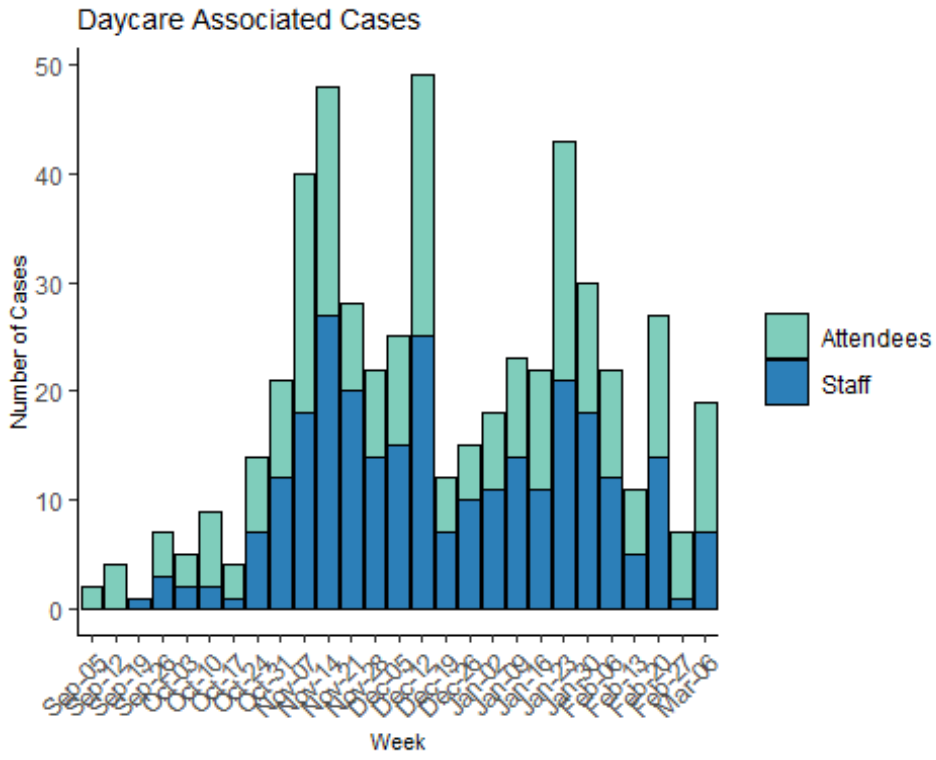
COVID-NET hospitalization data are preliminary and subject to change as more data become available. In particular, case counts and rates for recent hospital admissions are subject to lag. As data are received each week, prior case counts and rates are updated.



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.

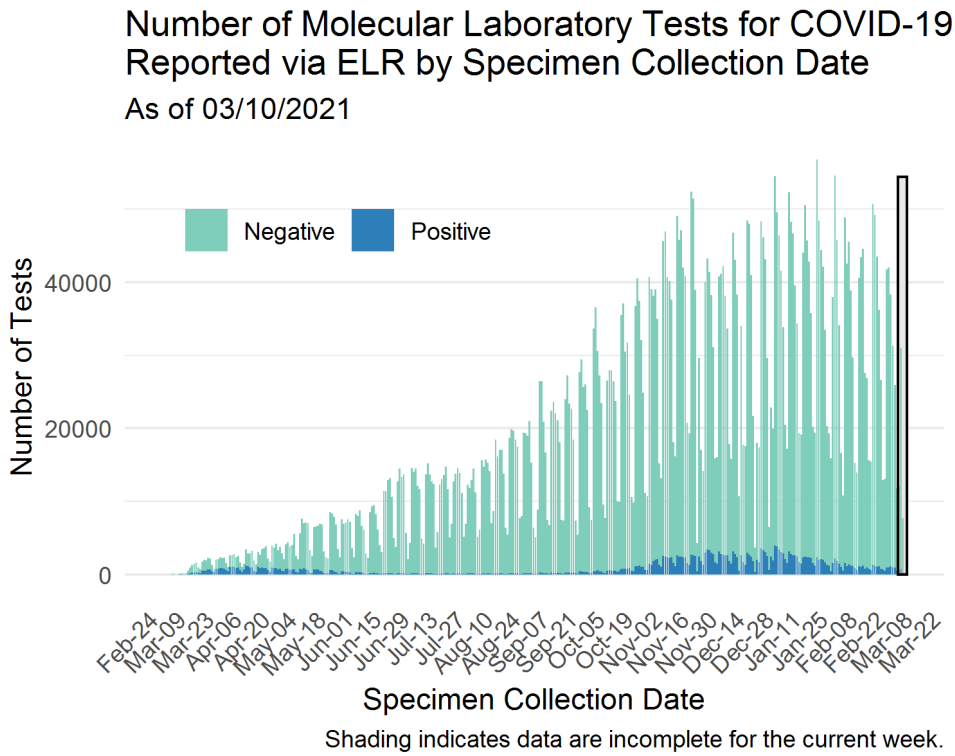


Laboratory Surveillance

Molecular Tests

To date, DPH has received reports on a total of 6,654,508 molecular COVID-19 laboratory tests; of these 6,372,879 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.



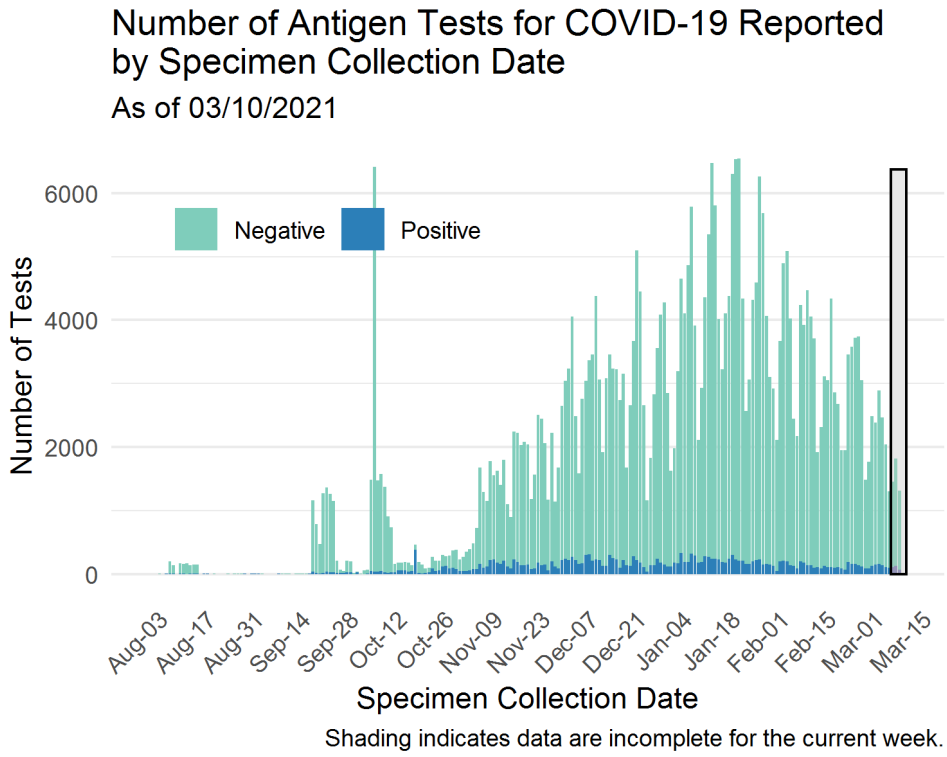
Testing of recently collected specimens is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

ELR = Electronic Laboratory Reporting

Antigen Tests

To date, DPH has received reports on a total of 412,330 COVID-19 antigen laboratory tests. The chart below shows the number of antigen tests reported to DPH by specimen collection date and test result.

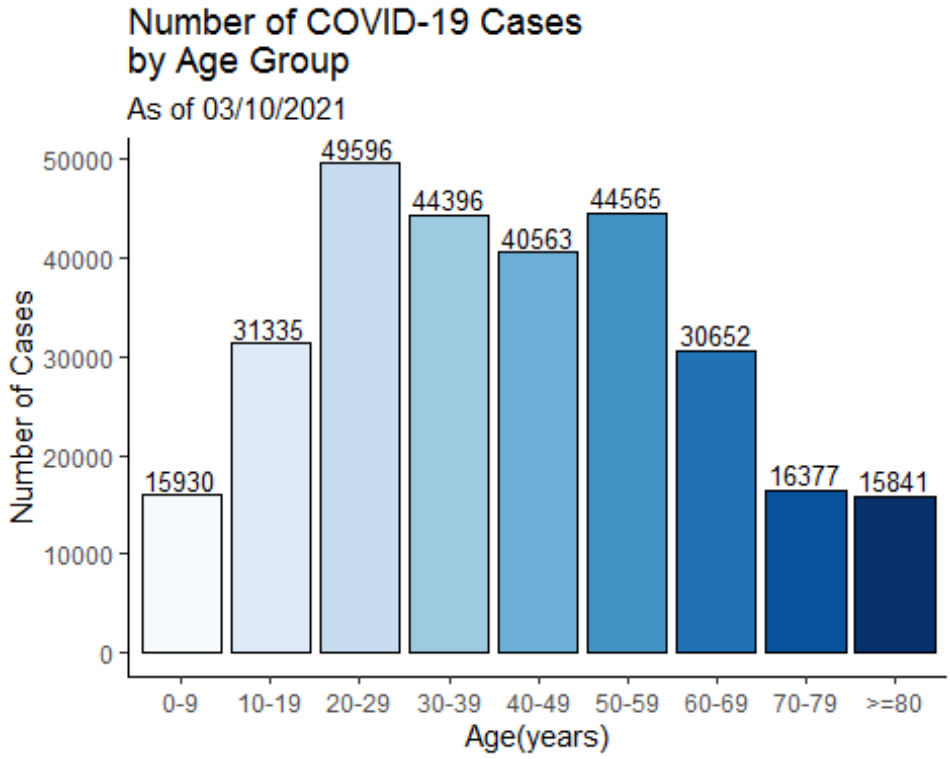
Test results may be reported several days after specimen collection. Data are incomplete for most recent dates shaded in grey. Data for previous dates are routinely updated.

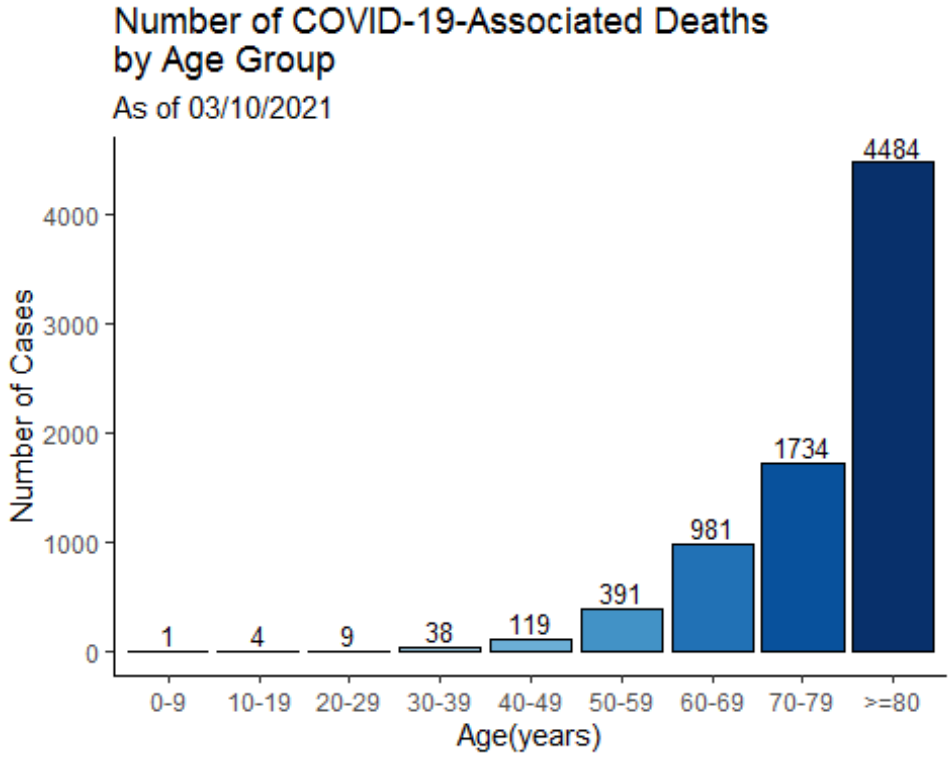


Testing of recently collected specimens is ongoing and does not reflect a decrease in testing.

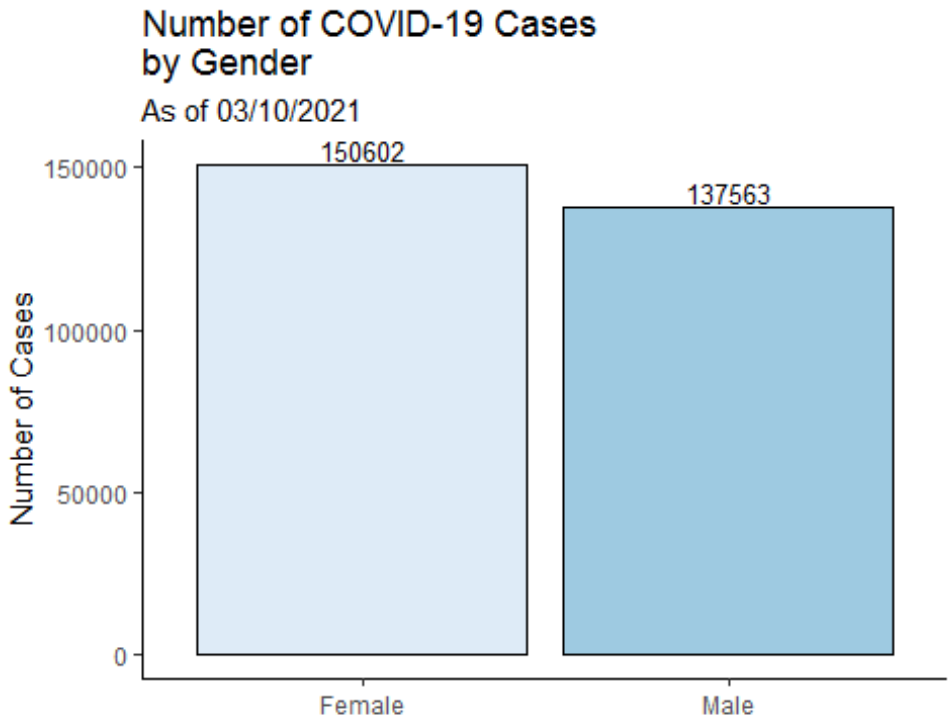
Characteristics of COVID-19 Cases and Associated Deaths

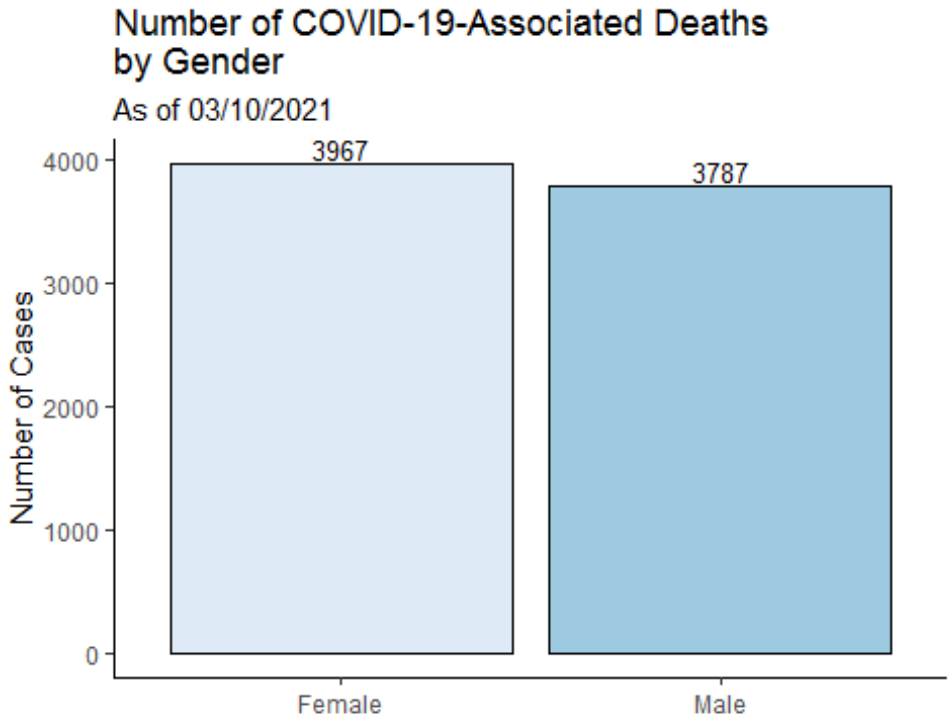
Counts may not add up to total case count because demographic data may be missing.





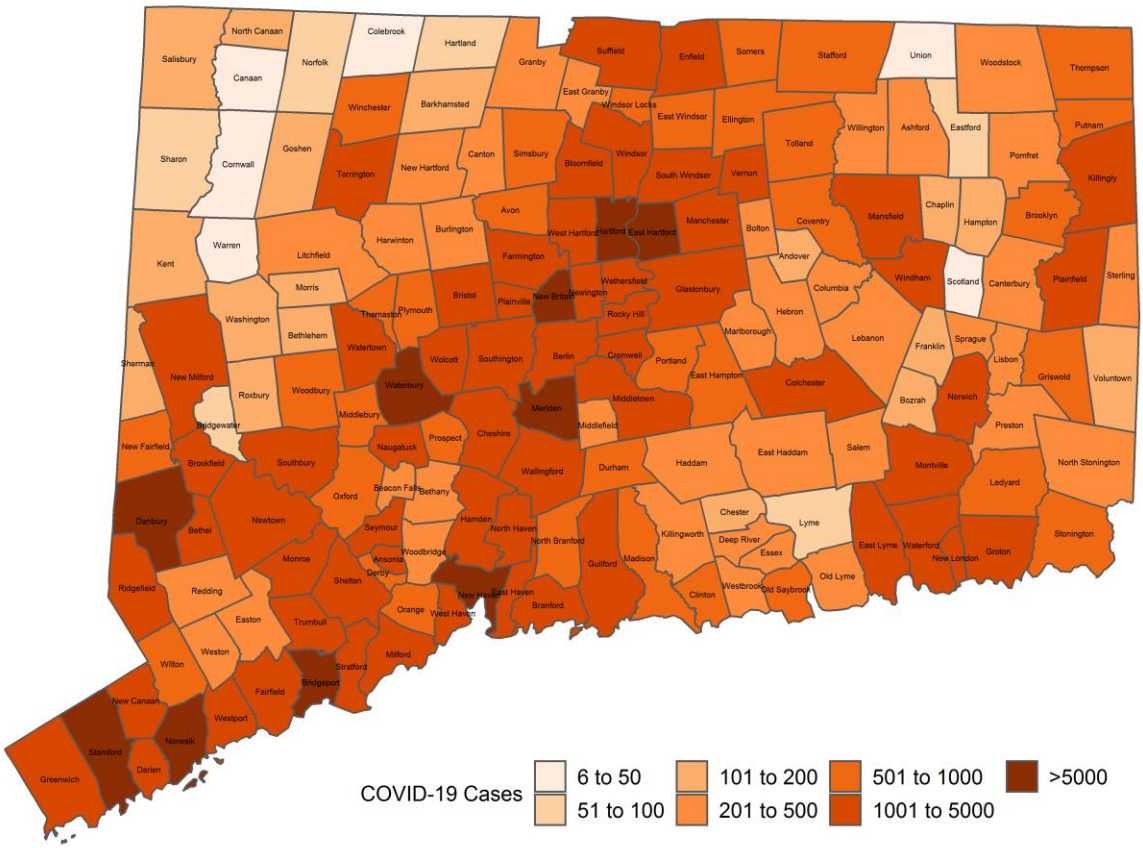
Counts may not add up to total case count because demographic data may be missing.





Cumulative Number of COVID-19 Cases by Town

Map does not include 1003 cases pending address validation

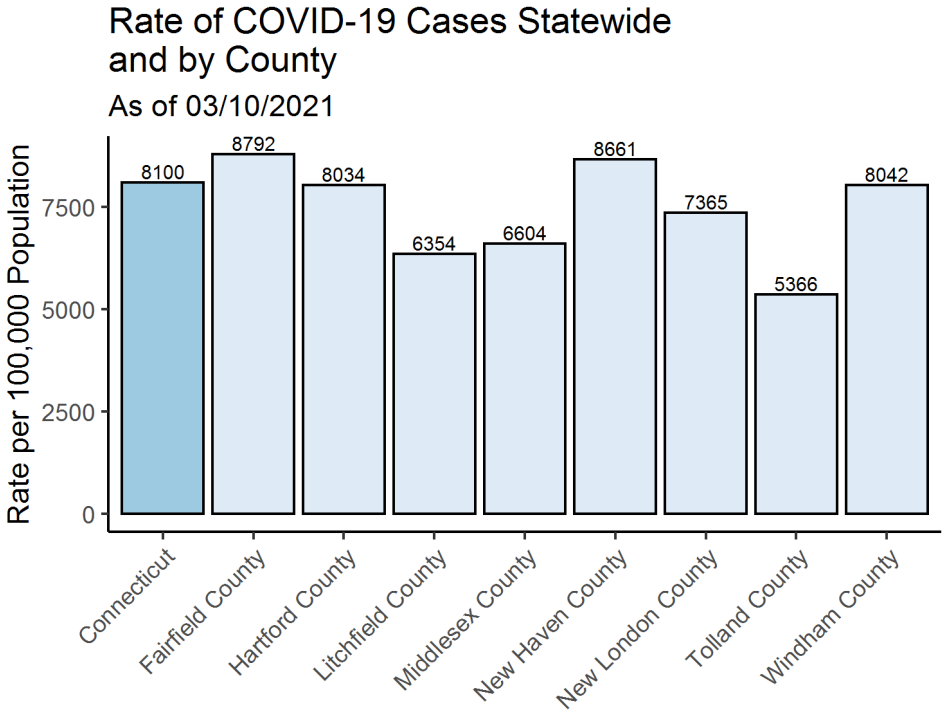


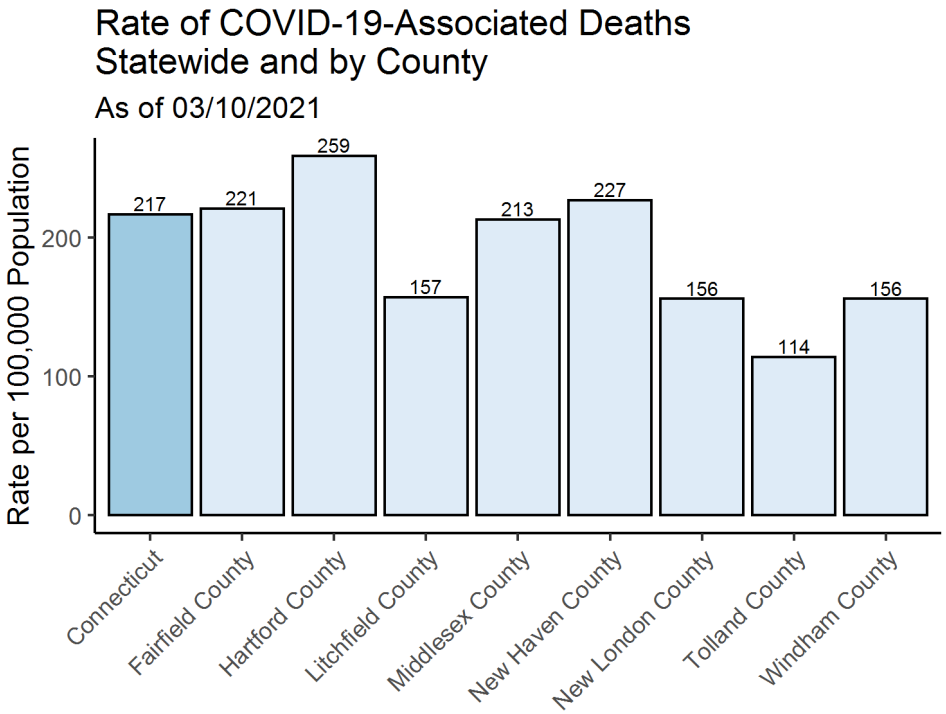
APPENDIX A. Cumulative Number of COVID-19 Cases by Town

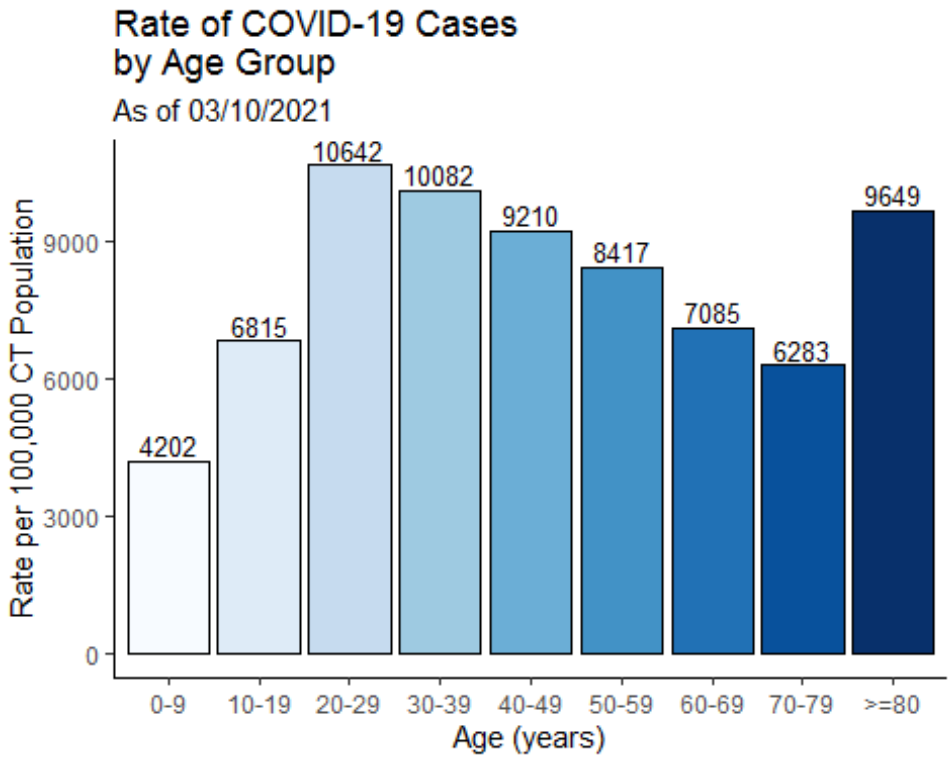
Table does not include 1003 cases pending address validation

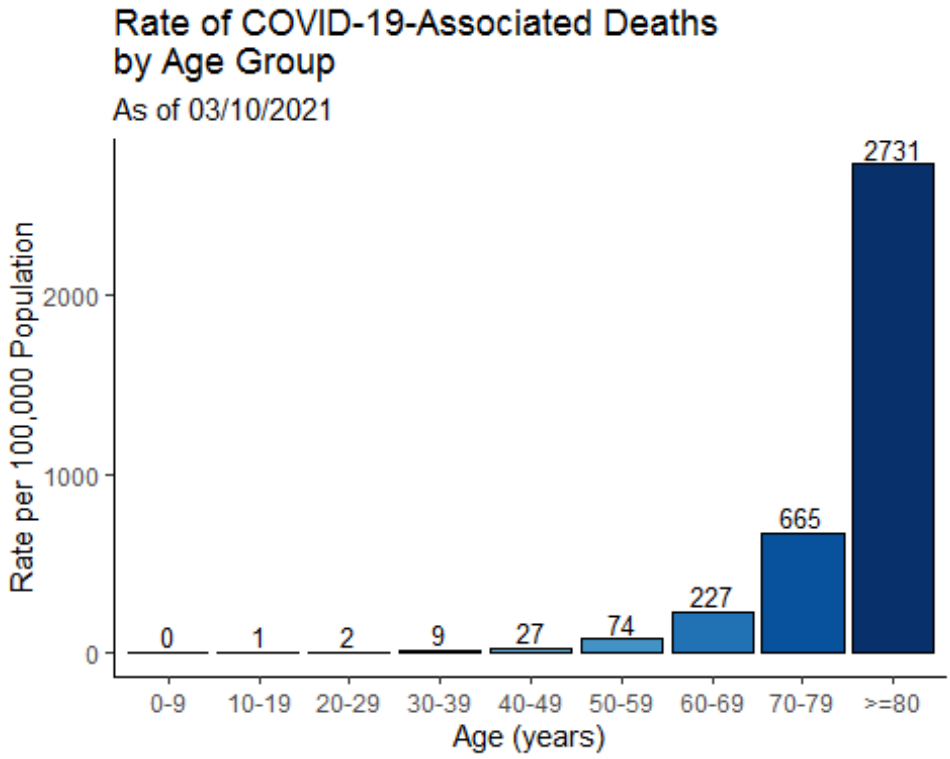
Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	136	17	Griswold	893	15	Prospect	672	61
Ansonia	1,406	181	Groton	2,253	126	Putnam	682	36
Ashford	216	8	Guilford	1,057	83	Redding	387	51
Avon	761	43	Haddam	402	31	Ridgefield	1043	161
Barkhamsted	126	4	Hamden	4,333	464	Rocky Hill	1452	105
Beacon Falls	434	26	Hampton	157	1	Roxbury	81	22
Berlin	1,283	67	Hartford	13,764	488	Salem	202	8
Bethany	305	26	Hartland	75	2	Salisbury	119	3
Bethel	1,408	230	Harwinton	261	15	Scotland	38	0
Bethlehem	157	17	Hebron	416	29	Seymour	1244	110
Bloomfield	1,695	78	Kent	110	23	Sharon	93	3
Bolton	215	17	Killingly	1,460	55	Shelton	2834	279
Bozrah	197	3	Killingworth	302	22	Sherman	112	45
Branford	1,821	215	Lebanon	390	8	Simsbury	865	48
Bridgeport	15,087	811	Ledyard	885	28	Somers	782	64
Bridgewater	48	20	Lisbon	246	3	South Windsor	1343	71
Bristol	4,556	298	Litchfield	337	24	Southbury	1056	119
Brookfield	1,105	257	Lyme	84	7	Southington	2742	321
Brooklyn	704	17	Madison	912	73	Sprague	199	5
Burlington	453	28	Manchester	3,881	256	Stafford	531	26
Canaan	7	0	Mansfield	1,149	123	Stamford	12833	558
Canterbury	362	11	Marlborough	318	22	Sterling	246	6
Canton	388	23	Meriden	6,436	415	Stonington	920	52
Chaplin	103	5	Middlebury	544	57	Stratford	3822	420
Cheshire	1,641	234	Middlefield	204	19	Suffield	1098	247
Chester	191	7	Middletown	3,396	284	Thomaston	539	40
Clinton	800	48	Milford	3,511	343	Thompson	560	24
Colchester	968	65	Monroe	1,003	111	Tolland	746	49
Colebrook	37	2	Montville	1,514	92	Torrington	2720	81
Columbia	275	19	Morris	109	4	Trumbull	2382	228
Cornwall	44	0	Naugatuck	2,639	223	Union	46	1
Coventry	570	49	New Britain	8,044	363	Vernon	1648	116
Cromwell	987	71	New Canaan	1,121	94	Voluntown	172	2
Danbury	10,196	1,143	New Fairfield	795	137	Wallingford	3487	232
Darien	1,121	135	New Hartford	272	10	Warren	18	8
Deep River	238	17	New Haven	10,919	690	Washington	137	27
Derby	900	90	New London	2,941	56	Waterbury	12048	996
Durham	453	49	New Milford	1,397	427	Waterford	1367	69
East Granby	220	6	Newington	2,265	128	Watertown	1819	202
East Haddam	329	45	Newtown	1,349	246	West Hartford	3518	372
East Hampton	645	51	Norfolk	59	1	West Haven	4427	420
East Hartford	5,366	222	North Branford	859	113	Westbrook	424	32
East Haven	2,474	330	North Canaan	176	7	Weston	447	41
East Lyme	1,056	129	North Haven	1,667	250	Westport	1371	114
East Windsor	775	39	North Stonington	235	13	Wethersfield	2159	105
Eastford	73	3	Norwalk	9,148	594	Willington	219	15
Easton	318	25	Norwich	3,605	73	Wilton	874	118
Ellington	793	47	Old Lyme	281	7	Winchester	505	4
Enfield	2,908	164	Old Saybrook	727	44	Windham	2678	71
Essex	361	24	Orange	799	93	Windsor	2356	106
Fairfield	3,840	436	Oxford	705	48	Windsor Locks	890	22
Farmington	1,177	77	Plainfield	1,175	33	Wolcott	1464	137
Franklin	171	1	Plainville	1,220	103	Woodbridge	434	54
Glastonbury	1,754	132	Plymouth	680	73	Woodbury	465	50
Goshen	120	4	Pomfret	223	5	Woodstock	452	7
Granby	444	16	Portland	509	32			
Greenwich	3,876	275	Preston	301	7			

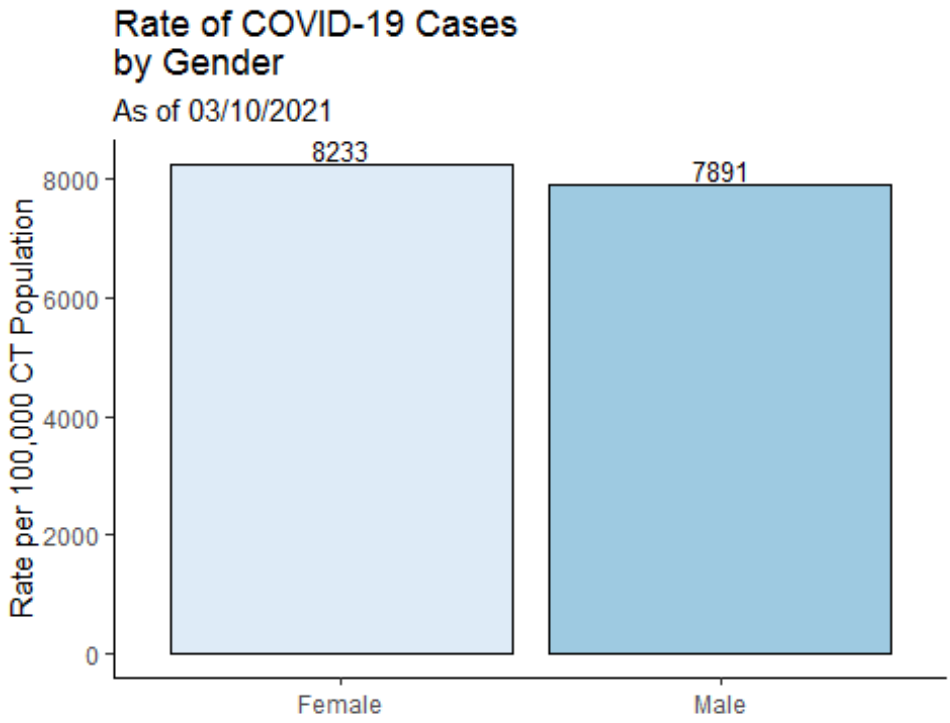
APPENDIX B. The following graphs show the number of cases per 100,000 Connecticut residents statewide and by county, age group, and gender. Population estimate from: [DPH Population Statistics]

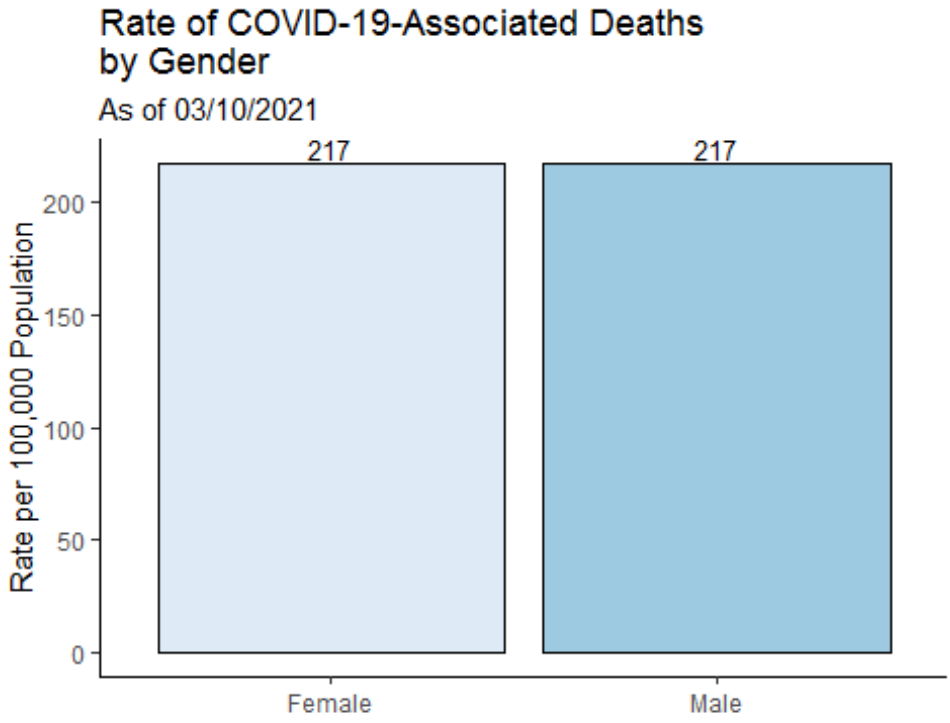




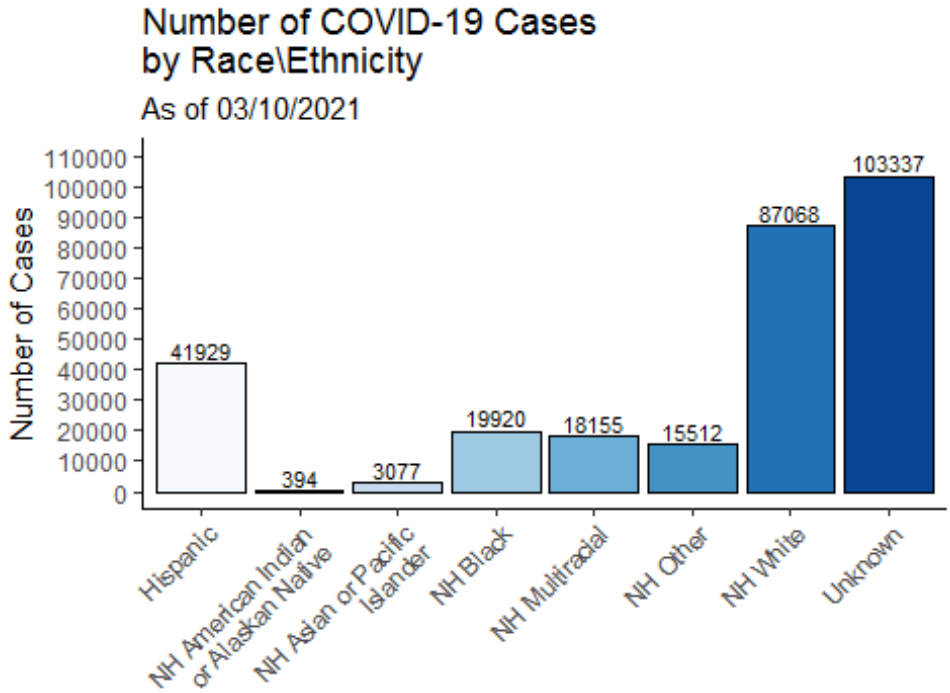


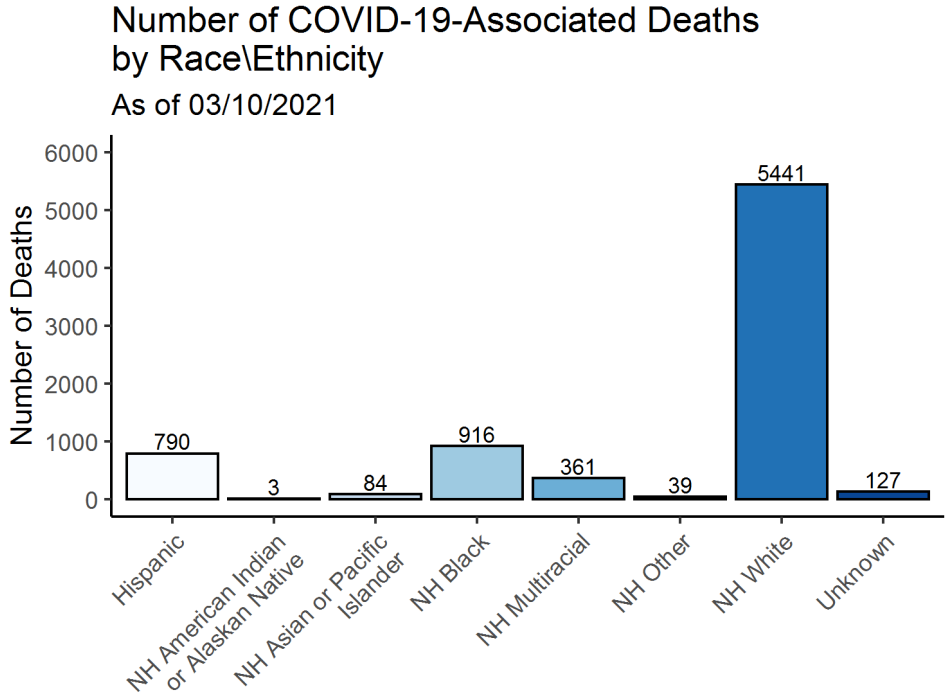



Rate of COVID-19 Cases
by Gender
As of 03/10/2021
8233
7891
8000
6000
4000
2000
0
Rate per 100,000 CT Population
Female
Male


Rate of COVID-19-Associated Deaths
by Gender
As of 03/10/2021
217
217
200
150
100
50
0
Rate per 100,000 Population
Female
Male

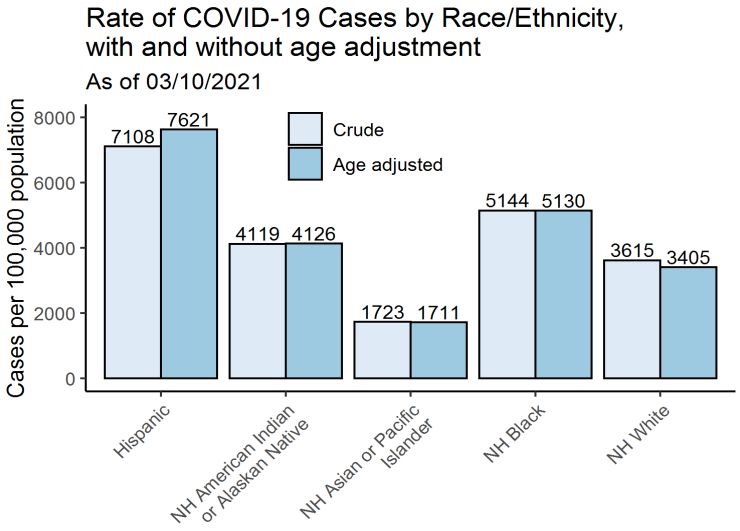
APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. *Categories are mutually exclusive. The category "multiracial" includes people who answered 'yes' to more than one race category. NH=Non-Hispanic*

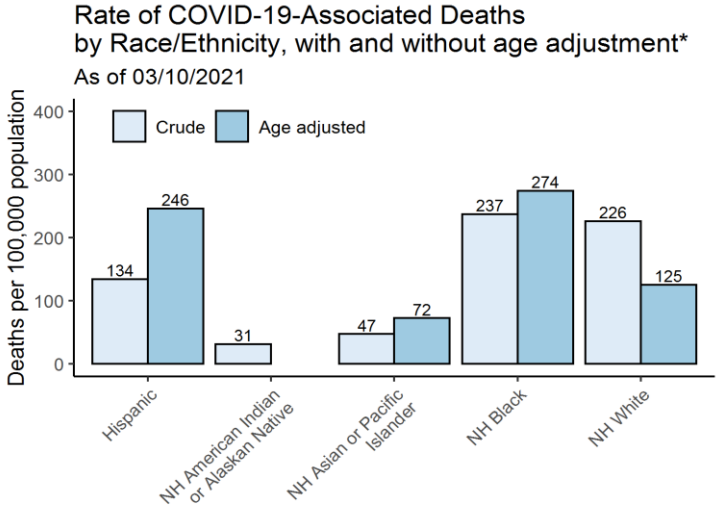




The following graphs show the number of COVID-19 cases and COVID-19-associated deaths per 100,000 population by race and ethnicity. Crude rates represent the total cases or deaths per 100,000 people. Age-adjusted rates consider the age of the person at diagnosis or death when estimating the rate and 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*