

## COVID-19 Update July 09, 2020

As of **July 08, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **47209**, including **45224** laboratory-confirmed and **1985** probable cases. **Ninety** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **4348** COVID-19-associated deaths.

In Connecticut during the early months of this pandemic, it became clear that it would be necessary to track probable COVID-19 cases and deaths, in addition to laboratory-confirmed (RT-PCR) cases and deaths. This was needed to better measure the burden and impact of this disease in our communities and is now part of the [national surveillance case definition for COVID-19](#). Probable cases of COVID-19 involve persons who have not had confirmatory laboratory testing (RT-PCR) performed for COVID-19, but whose symptoms indicate they are likely to have a COVID-19 infection. In Connecticut, most of the probable COVID-19 cases involve persons whose death certificates list COVID-19 disease or SARS-CoV-2 as a cause of death or a significant condition contributing to death. Prior to June 1, probable and confirmed cases were reported together.

Overall Summary	Total**	Change Since Yesterday
COVID-19 Cases	47209	+101
COVID-19-Associated Deaths	4348	+5
Patients Currently Hospitalized with COVID-19	90	+2
COVID-19 PCR Tests Reported	543636	+8171

*\*\*Includes confirmed plus probable cases*

### COVID-19 Cases and Associated Deaths by County of Residence

As of 07/08/20 8:30pm.

County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	16245	641	1074	306
Hartford County	11185	681	1068	317
Litchfield County	1446	64	117	20
Middlesex County	1275	59	149	38
New Haven County	12119	390	929	150
New London County	1257	62	76	26
Tolland County	859	69	50	14
Windham County	622	8	13	1
<i>Pending address validation</i>	216	11	0	0
<b>Total</b>	<b>45224</b>	<b>1985</b>	<b>3476</b>	<b>872</b>

[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

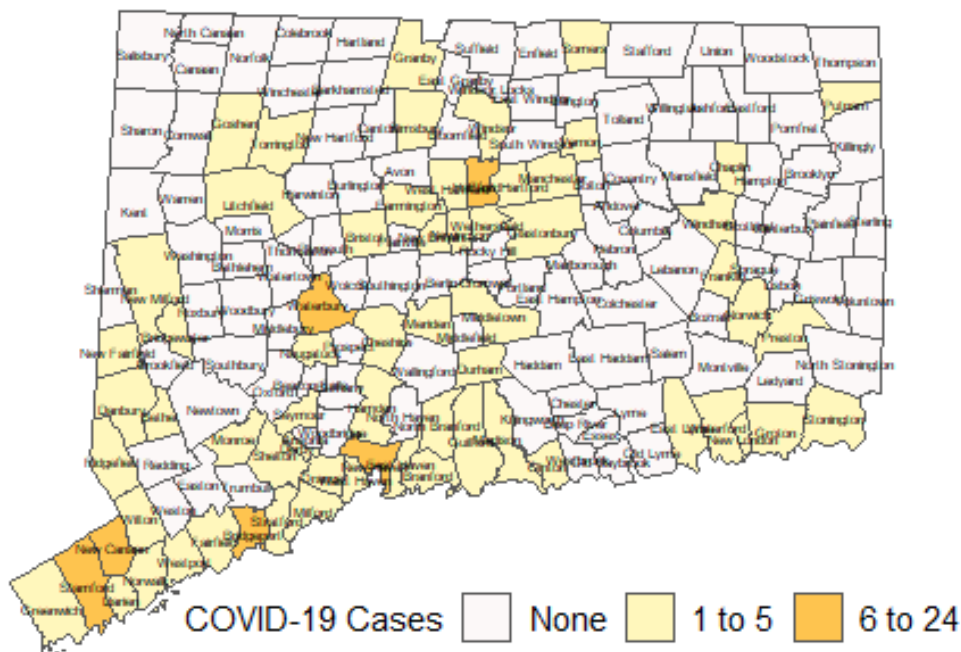
### New Cases in the Past Week

Among 25,540 PCR tests for COVID-19 with specimen collection date in the past 7 days, 323 test results were positive. There were 221 people who tested positive for the first time or had onset of symptoms in the past 7 days. Of these 221 people, 213 (96%) cases were among people who reside in community settings and 8 (4%) were among people who reside in congregate settings, including nursing homes, assisted living facilities, or correctional facilities.

The maps below show the distribution of the 213 cases among people living in community settings. The first map shows the number of cases and darker colors indicate towns with more cases.

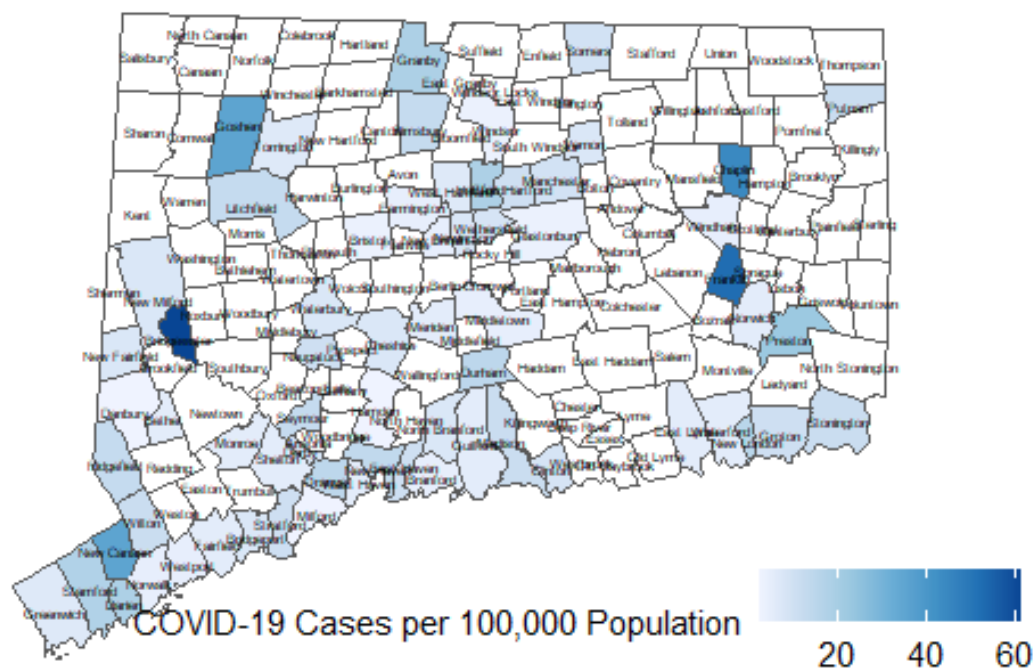
Because towns with larger populations are likely to have more cases, it is also important to look at the number of new cases per 100,000 population. The second map below shows the number of new cases per 100,000 population, with darker colors indicating higher rates.

### Number of COVID-19 Cases among Persons Living in Community Settings by Town with Specimen Collection or Onset Date in the Past 7 Days



*Map does not include 4 cases pending address validation*

## Rate of COVID-19 Cases among Persons Living in Community Settings per 100,000 Population by Town with Specimen Collection or Onset Date in the Past 7 Days



**Population, Number and Rate of COVID-19 Cases among Persons Living in Community Settings by Town with Specimen Collection or Onset Date in the Past 7 Days**

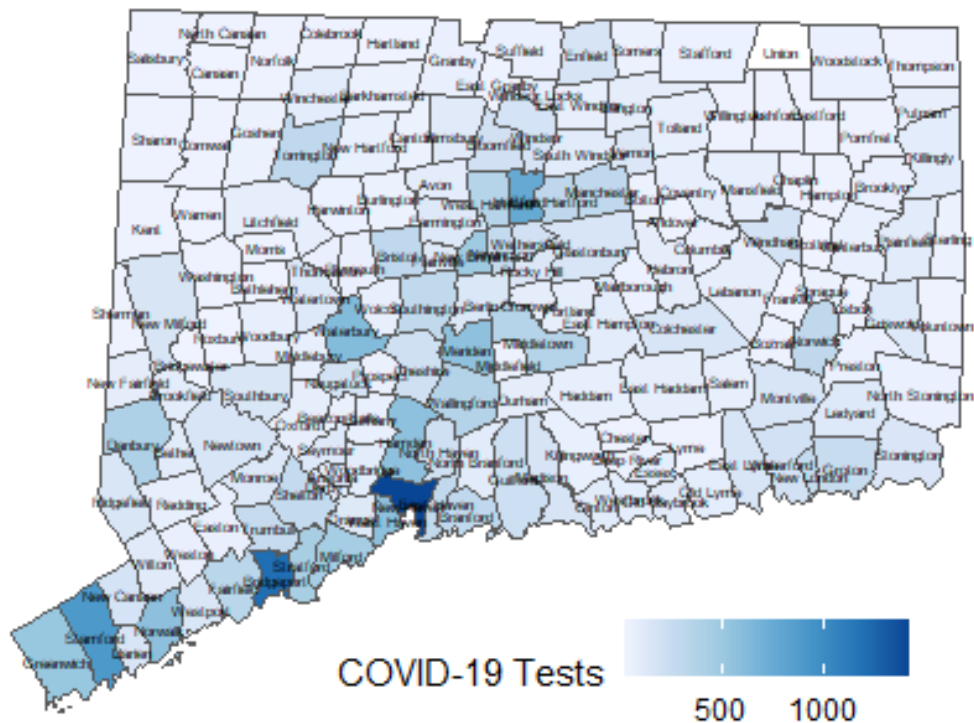
*Table does not include 4 cases pending address validation. Rate is cases per 100,000 population.*

Town	Pop	Cases	Rate	Town	Pop	Cases	Rate	Town	Pop	Cases	Rate
Andover	3231	0	0	Groton	38692	<5	10	Prospect	9790	0	0
Ansonia	18721	0	0	Guilford	22216	<5	5	Putnam	9395	<5	11
Ashford	4261	0	0	Haddam	8222	0	0	Redding	9125	0	0
Avon	18302	0	0	Hamden	60940	<5	2	Ridgefield	25008	<5	12
Barkhamsted	3624	0	0	Hampton	1853	0	0	Rocky Hill	20145	0	0
Beacon Falls	6182	0	0	Hartford	122587	22	18	Roxbury	2160	0	0
Berlin	20432	0	0	Hartland	2120	0	0	Salem	4123	0	0
Bethany	5479	0	0	Harwinton	5430	0	0	Salisbury	3598	0	0
Bethel	19714	<5	5	Hebron	9482	0	0	Scotland	1685	0	0
Bethlehem	3422	0	0	Kent	2785	0	0	Seymour	16509	<5	12
Bloomfield	21301	0	0	Killingly	17287	0	0	Sharon	2703	0	0
Bolton	4890	0	0	Killingworth	6370	0	0	Shelton	41097	<5	5
Bozrah	2537	0	0	Lebanon	7207	0	0	Sherman	3614	0	0
Branford	28005	<5	4	Ledyard	14736	0	0	Simsbury	24979	<5	12
Bridgeport	144900	10	7	Lisbon	4248	0	0	Somers	10834	<5	9
Bridgewater	1641	<5	61	Litchfield	8127	<5	12	South			
Bristol	60032	<5	3	Lyme	2338	0	0	Windsor	26054	0	0
Brookfield	17002	0	0	Madison	18106	<5	11	Southbury	19656	0	0
Brooklyn	8280	0	0	Manchester	57699	5	9	Southington	43807	0	0
Burlington	9665	0	0	Mansfield	25817	0	0	Sprague	2889	0	0
Canaan	1055	0	0	Marlborough	6358	0	0	Stafford	11884	0	0
Canterbury	5100	0	0	Meriden	59540	<5	5	Stamford	129775	22	17
Canton	10270	0	0	Middlebury	7731	0	0	Sterling	3780	0	0
Chaplin	2256	<5	44	Middlefield	4380	0	0	Stonington	18449	<5	11
Cheshire	29179	<5	7	Middletown	46146	<5	4	Stratford	51967	5	10
Chester	4229	0	0	Milford	54661	<5	2	Suffield	15743	0	0
Clinton	12950	<5	8	Monroe	19470	<5	5	Thomaston	7560	0	0
Colchester	15936	0	0	Montville	18716	0	0	Thompson	9395	0	0
Colebrook	1405	0	0	Morris	2262	0	0	Tolland	14655	0	0
Columbia	5385	0	0	Naugatuck	31288	<5	10	Torrington	34228	<5	6
Cornwall	1368	0	0	New Britain	72453	<5	4	Trumbull	35802	0	0
Coventry	12414	0	0	New Canaan	20213	7	35	Union	840	0	0
Cromwell	13905	0	0	New Fairfield	13877	<5	7	Vernon	29303	<5	7
Danbury	84730	<5	2	New Hartford	6685	0	0	Voluntown	2535	0	0
Darien	21753	<5	18	New Haven	130418	17	13	Wallingford	44535	0	0
Deep River	4463	0	0	New London	26939	<5	15	Warren	1399	0	0
Derby	12515	<5	8	New Milford	26974	<5	7	Washington	3434	0	0
Durham	7195	<5	14	Newington	30112	<5	7	Waterbury	108093	8	7
East Granby	5147	0	0	Newtown	27774	0	0	Waterford	18887	<5	5
East Haddam	8988	0	0	Norfolk	1640	0	0	Watertown	21641	0	0
East Hampton	12854	0	0	North				West Hartford	62939	<5	6
East Hartford	49998	5	10	Branford	14158	<5	7	West Haven	54879	<5	5
East Haven	28699	<5	10	North Canaan	3254	0	0	Westbrook	6914	0	0
East Lyme	18645	<5	5	North Haven	23691	0	0	Weston	10247	0	0
East Windsor	11375	0	0	North				Westport	28115	<5	4
Eastford	1790	0	0	Stonington	5243	0	0	Wethersfield	26082	<5	8
Easton	7517	0	0	Norwalk	89047	<5	4	Willington	5887	0	0
Ellington	16299	0	0	Norwich	39136	<5	5	Wilton	18397	<5	11
Enfield	44466	0	0	Old Lyme	7366	0	0	Winchester	10655	0	0
Essex	6674	0	0	Old Saybrook	10087	0	0	Windham	24706	<5	4
Fairfield	61952	<5	5	Orange	13949	<5	14	Windsor	28760	<5	3
Farmington	25506	<5	4	Oxford	13226	0	0	Windsor Locks	12876	0	0
Franklin	1933	<5	52	Plainfield	15173	0	0	Wolcott	16649	0	0
Glastonbury	34491	<5	3	Plainville	17623	0	0	Woodbridge	8805	0	0
Goshen	2879	<5	35	Plymouth	11645	0	0	Woodbury	9537	0	0
Granby	11375	<5	18	Pomfret	4204	0	0	Woodstock	7862	0	0
Greenwich	62727	<5	6	Portland	9305	0	0				
Griswold	11591	0	0	Preston	4638	<5	22				

## COVID-19 PCR Tests in the Past Week

Among 25,540 PCR tests for COVID-19 with specimen collection date in the past 7 days, 23,890 (94%) tests were conducted among people who did not reside in congregate settings (including nursing homes, assisted living, and correctional facilities). Of the 23,890 tests, 304 (1%) were positive. The map below shows the number of PCR COVID-19 tests by town with specimen collection date in the past 7 days that were conducted among community members.

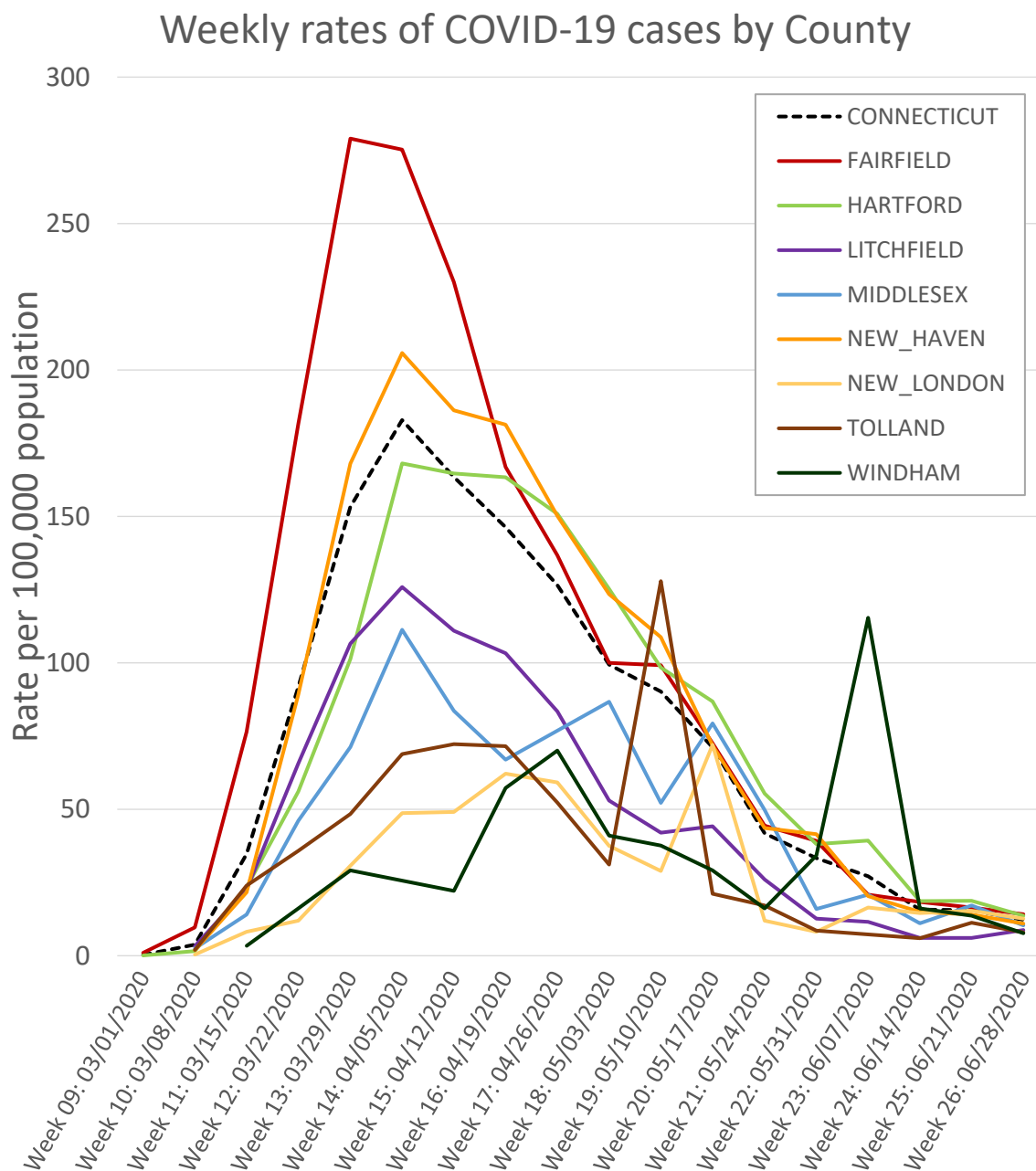
### Number of PCR Tests for COVID-19 among Persons Living in Community Settings by Town with Specimen Collection Date in the Past 7 Days



*Map does not include 858 tests pending address validation*

## Weekly Incidence by County

The chart below shows the number of new COVID-19 cases per week per 100,000 population in the state of Connecticut and for each Connecticut county. The rates in this chart are calculated by dividing the number of new cases diagnosed each week by the annual estimated population and then multiplying by 100,000. The rate calculation used here is consistent with the [CDC COVID-19 Data Tracker](#) method for calculation of cumulative COVID-19 incidence rates.

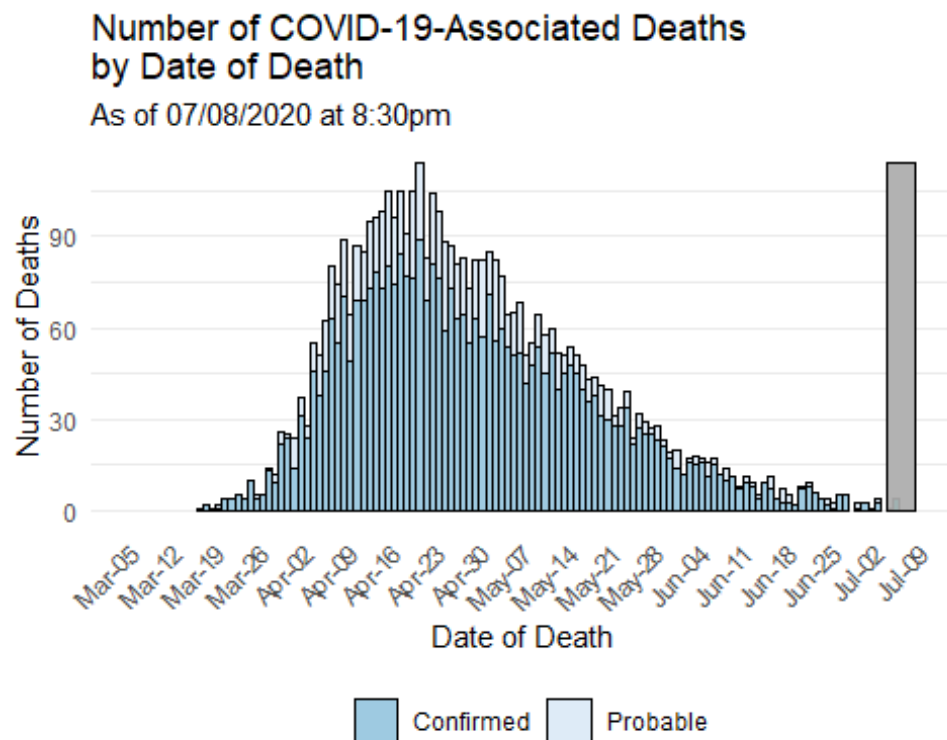
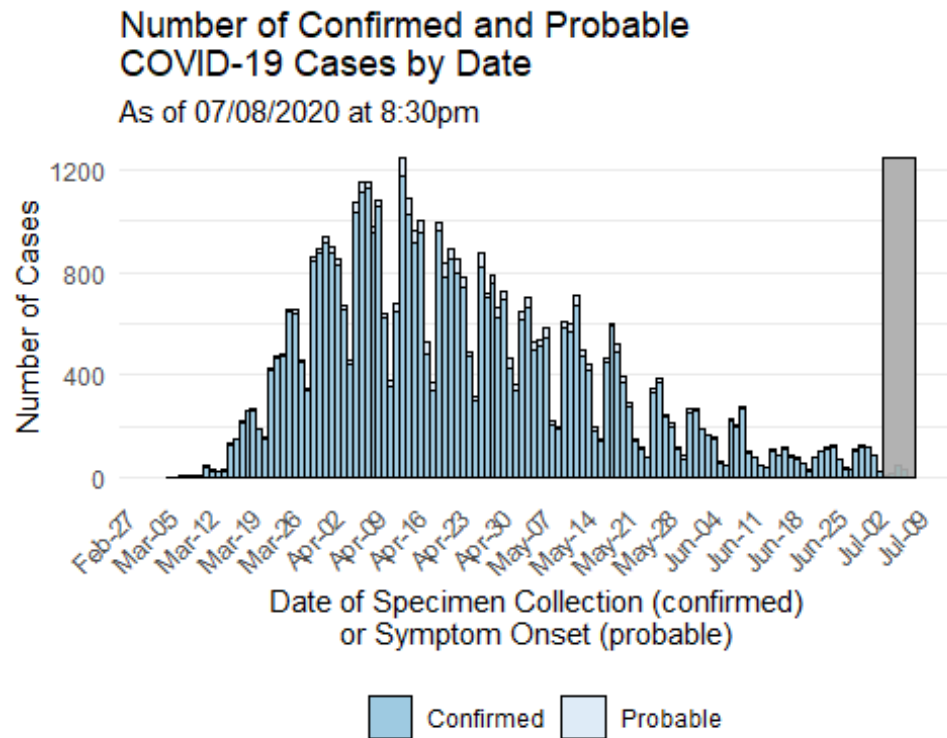


#### Notes:

Incidence rates are based on weekly cases divided by the estimated annual population and multiplied by 100,000. Cases pending address validation are excluded from rate calculations.

## Cumulative 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.

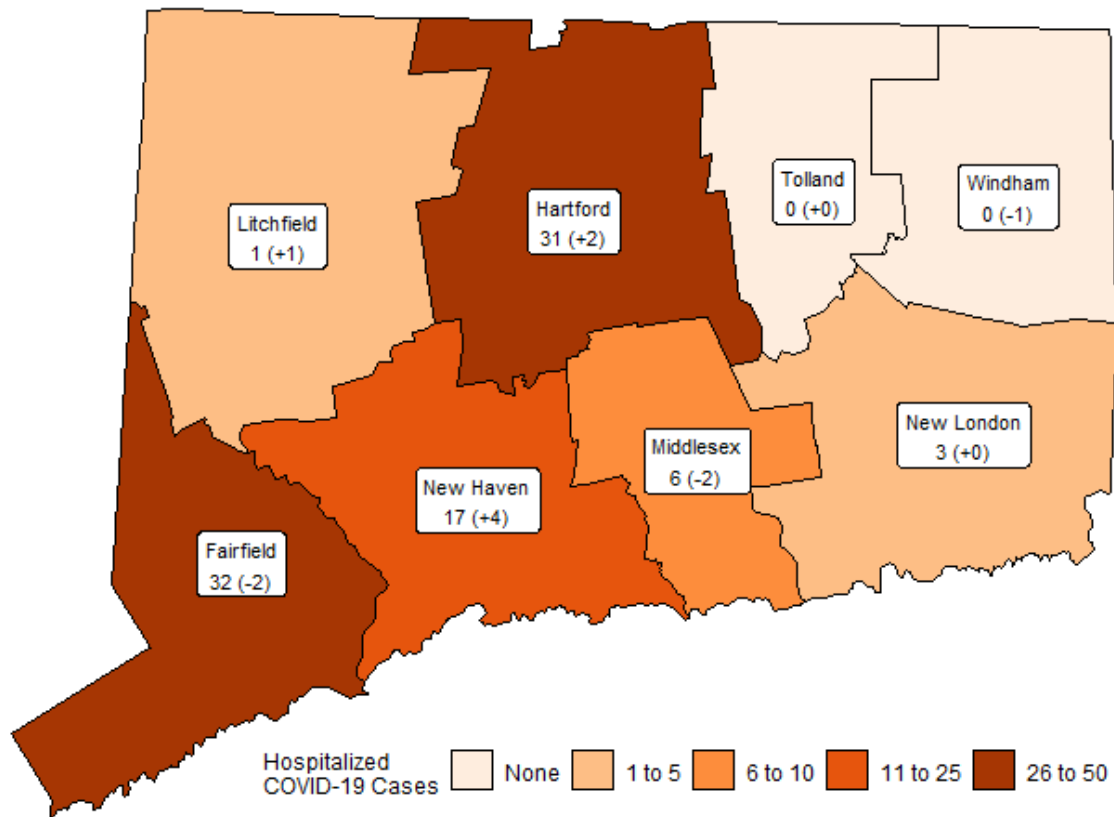


## Hospitalization Surveillance

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.*

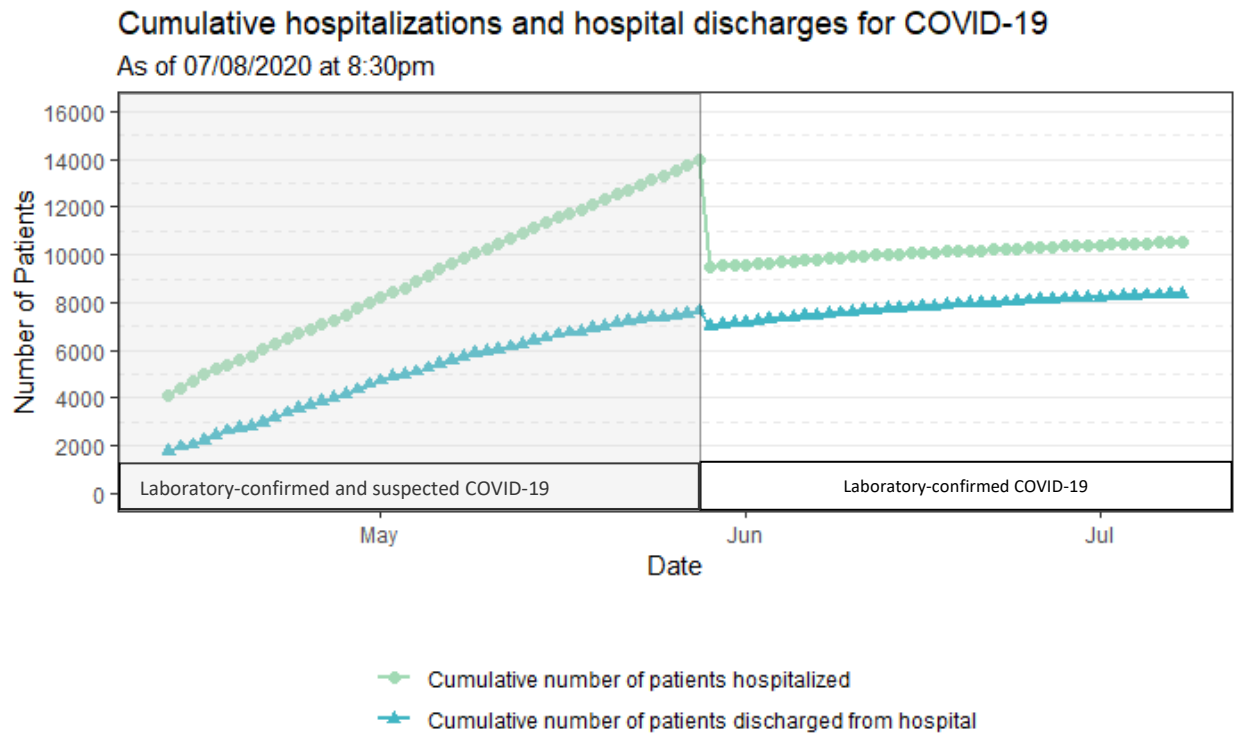


More information about hospitalized cases of COVID-19 in New Haven and Middlesex Counties is available from [COVID-NET](#).



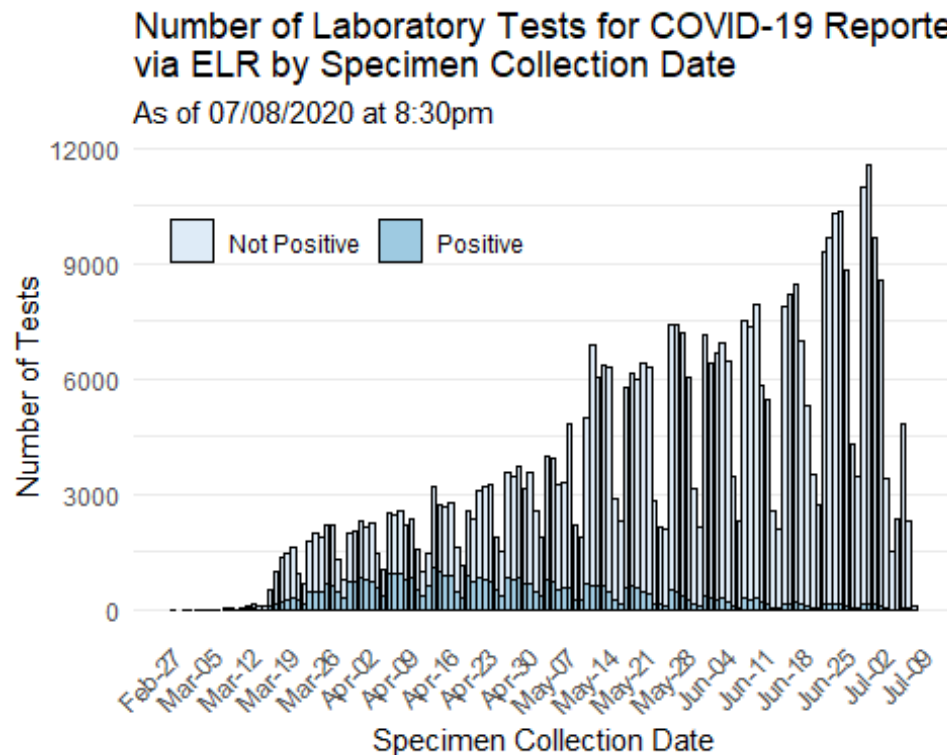
## Cumulative hospitalizations and cumulative hospital discharges for COVID-19

The chart below shows information on cumulative hospitalizations and hospital discharges for patients with COVID-19. Data were collected by the Connecticut Hospital Association. Starting on May 29, 2020, CHA changed to reporting only the number of patients with laboratory-confirmed COVID-19; data for previous dates include patients with laboratory-confirmed or suspected COVID-19. To date, **10552** patients have been hospitalized with laboratory-confirmed COVID-19 in Connecticut and **8351** patients hospitalized with laboratory-confirmed have been discharged.



## Laboratory Surveillance

To date, DPH has received reports on a total of 543636 COVID-19 laboratory tests; of these 466949 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.

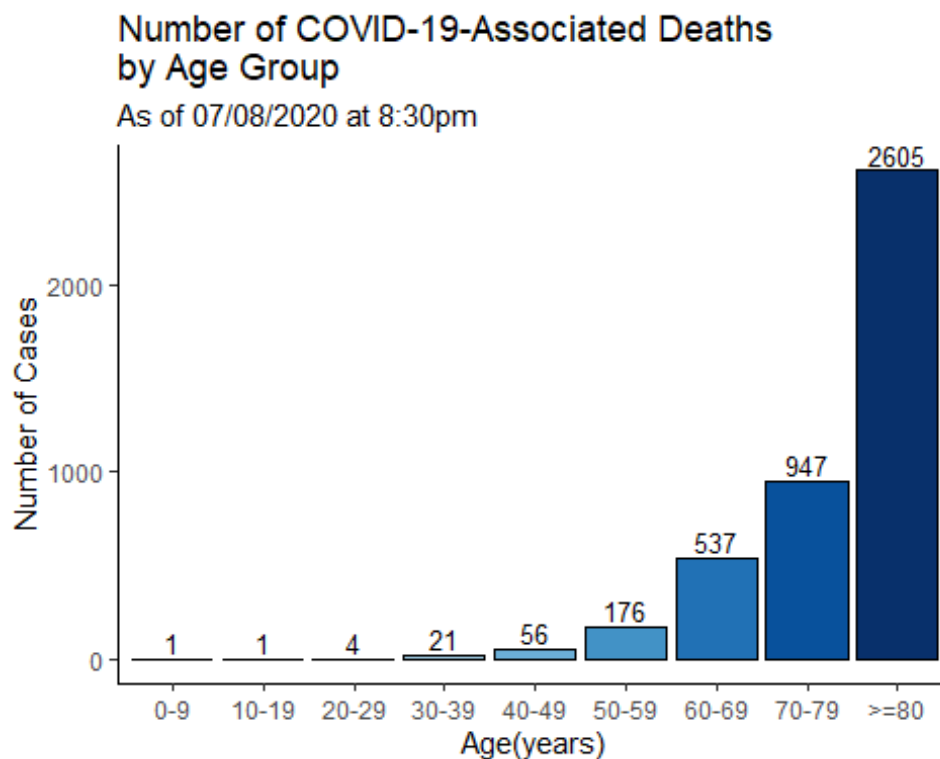
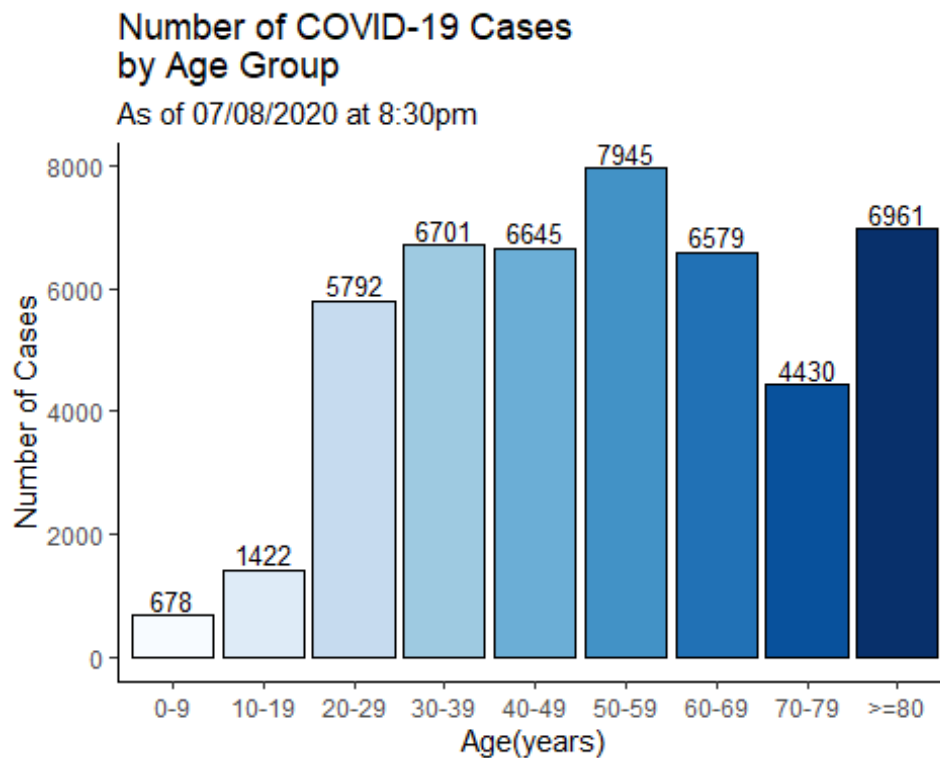


*Testing of specimens collected since July 5 is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.*

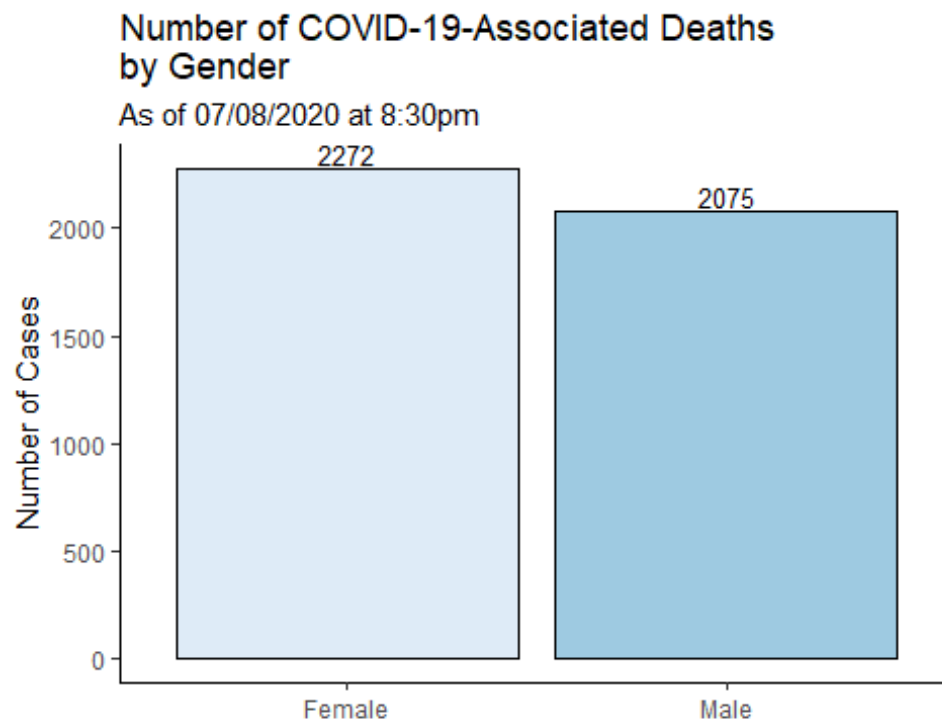
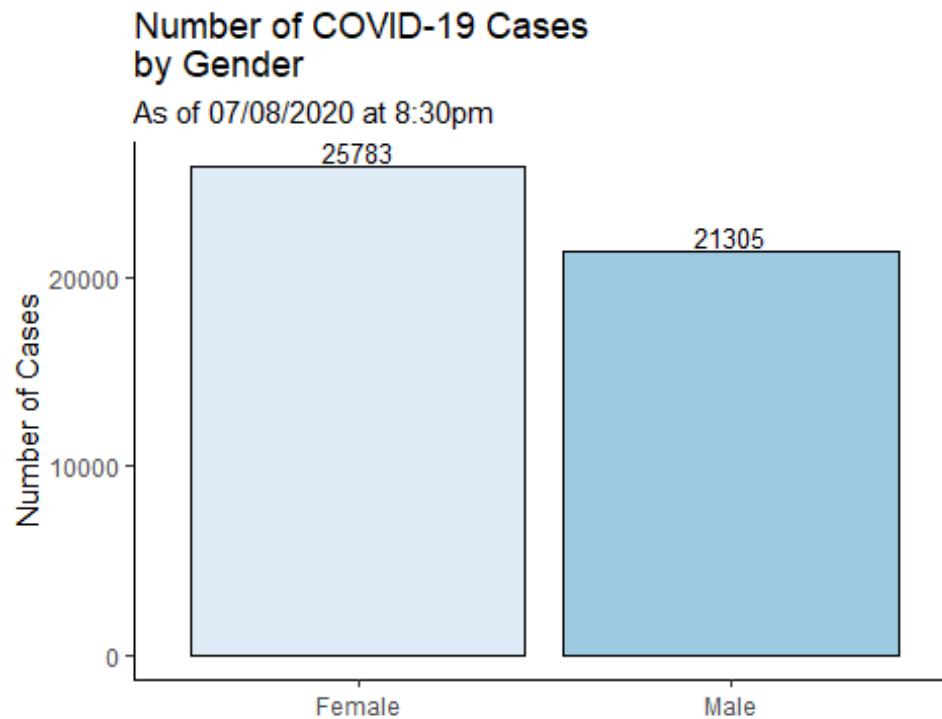
*ELR = Electronic Laboratory Reporting*

## Characteristics of COVID-19 Cases and Associated Deaths

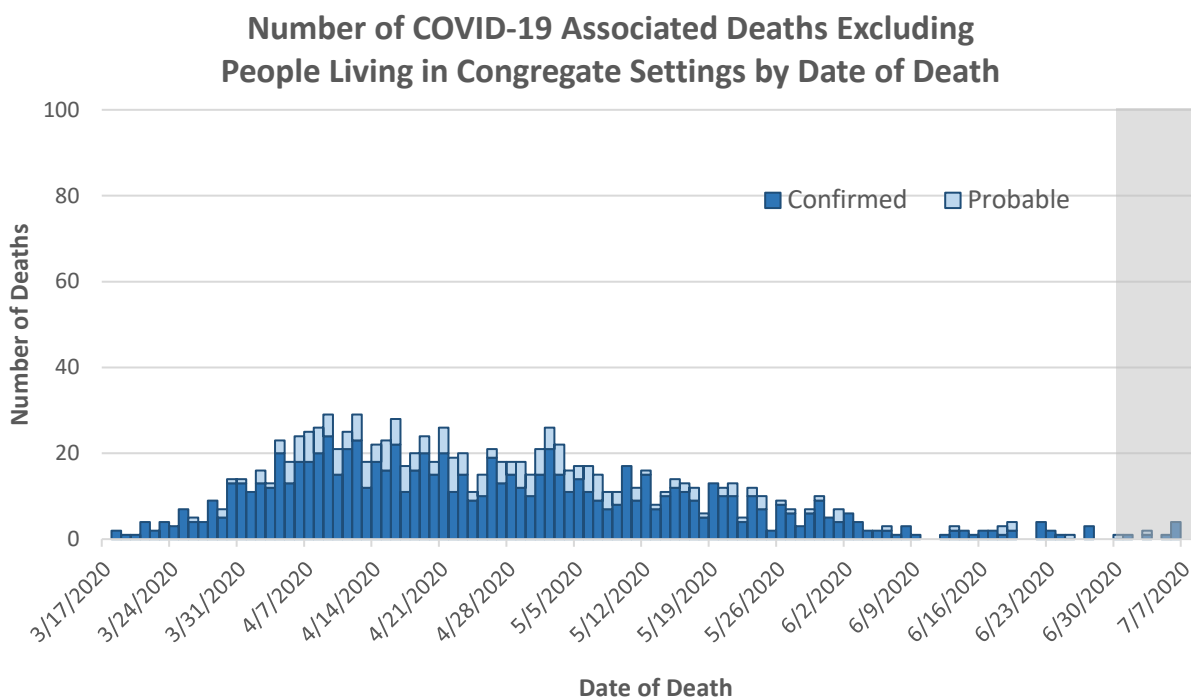
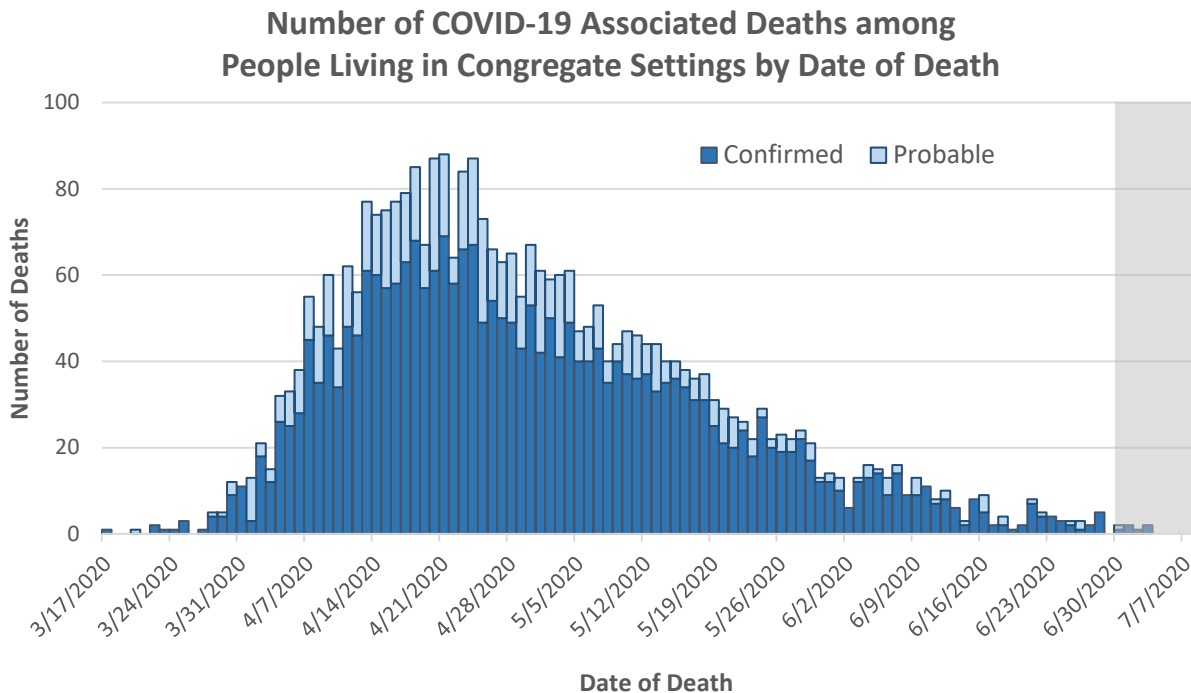
Counts may not add up to total case count because demographic data may be missing.



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

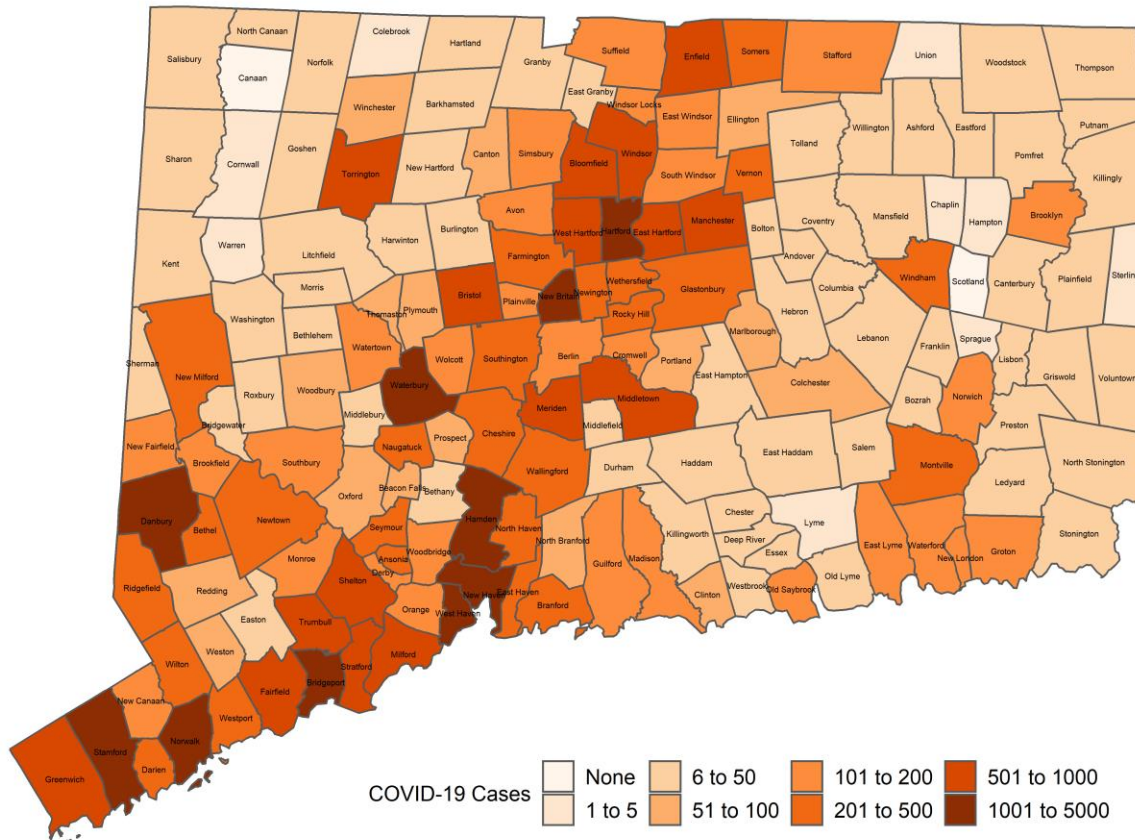


The graphs below show the number of COVID-19-associated deaths by date among people living in congregate settings, such as nursing homes, assisted living facilities, and prisons/jails (first graph) and among people who are not residents of congregate settings (second graph). *Data are incomplete for most recent dates shaded in grey. Data from previous dates are routinely updated.*



## Cumulative Number of COVID-19 Cases by Town

Map does not include 216 cases pending address validation

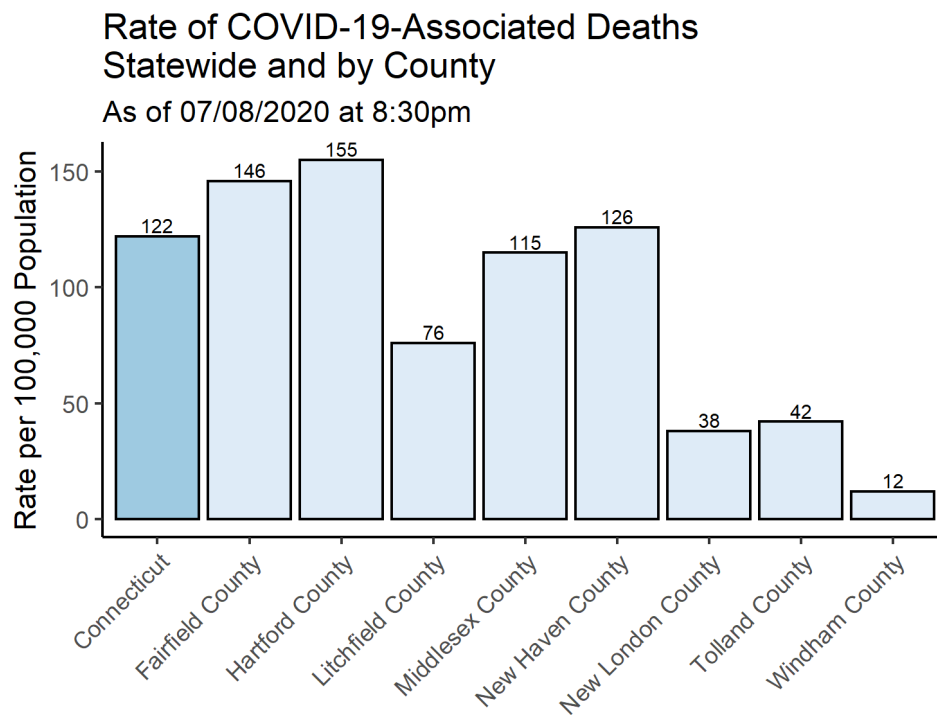
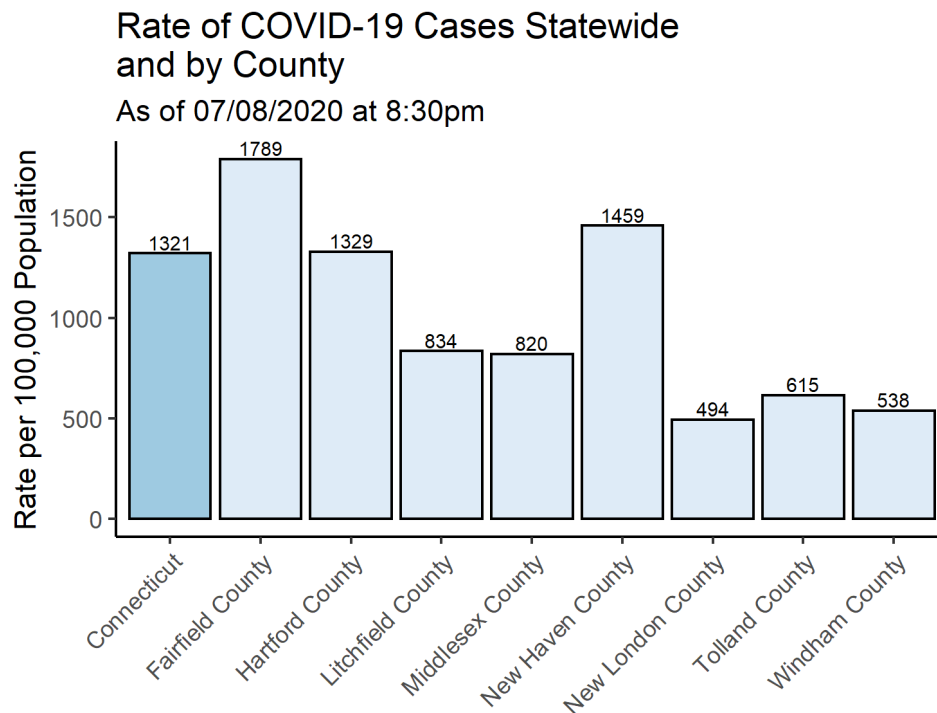


## APPENDIX A. Cumulative Number of COVID-19 Cases by Town

Table does not include 216 cases pending address validation

Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	9	0	Griswold	30	3	Prospect	65	0
Ansonia	280	7	Groton	124	12	Putnam	32	1
Ashford	19	0	Guilford	99	4	Redding	66	3
Avon	134	9	Haddam	29	1	Ridgefield	207	12
Barkhamsted	26	1	Hamden	1006	39	Rocky Hill	406	18
Beacon Falls	56	0	Hampton	2	0	Roxbury	5	3
Berlin	158	7	Hartford	2498	145	Salem	6	0
Bethany	38	0	Hartland	6	0	Salisbury	13	0
Bethel	252	10	Harwinton	28	3	Scotland	0	0
Bethlehem	11	1	Hebron	27	2	Seymour	221	13
Bloomfield	489	30	Kent	7	1	Sharon	14	0
Bolton	22	1	Killingly	33	2	Shelton	595	40
Bozrah	7	0	Killingworth	15	0	Sherman	14	2
Branford	337	7	Lebanon	27	0	Simsbury	122	12
Bridgeport	3585	127	Ledyard	24	0	Somers	260	26
Bridgewater	10	0	Lisbon	9	0	South Windsor	154	16
Bristol	598	18	Litchfield	41	1	Southbury	195	5
Brookfield	163	4	Lyme	2	0	Southington	331	13
Brooklyn	127	1	Madison	145	7	Sprague	5	0
Burlington	25	1	Manchester	708	61	Stafford	112	8
Canaan	0	0	Mansfield	35	2	Stamford	3263	70
Canterbury	14	1	Marlborough	92	4	Sterling	2	0
Canton	84	9	Meriden	869	36	Stonington	30	5
Chaplin	3	1	Middlebury	45	3	Stratford	837	36
Cheshire	210	8	Middlefield	18	0	Suffield	133	15
Chester	45	1	Middletown	606	25	Thomaston	58	2
Clinton	58	4	Milford	655	21	Thompson	39	1
Colchester	54	2	Monroe	119	3	Tolland	42	8
Colebrook	3	0	Montville	281	6	Torrington	522	26
Columbia	25	0	Morris	13	1	Trumbull	513	51
Cornwall	5	0	Naugatuck	392	9	Union	4	1
Coventry	43	4	New Britain	1031	73	Vernon	200	12
Cromwell	125	12	New Canaan	180	3	Voluntown	9	0
Danbury	1857	74	New Fairfield	113	1	Wallingford	482	10
Darien	213	3	New Hartford	28	0	Warren	5	0
Deep River	13	2	New Haven	2664	53	Washington	22	1
Derby	170	0	New London	171	6	Waterbury	1956	86
Durham	38	2	New Milford	291	8	Waterford	165	9
East Granby	10	0	Newington	378	21	Watertown	146	7
East Haddam	18	0	Newtown	230	12	West Hartford	656	57
East Hampton	46	4	Norfolk	11	1	West Haven	1040	34
East Hartford	841	60	North Branford	84	4	Westbrook	34	0
East Haven	400	22	North Canaan	5	1	Weston	62	3
East Lyme	149	11	North Haven	261	4	Westport	300	16
East Windsor	144	14	North Stonington	14	1	Wethersfield	250	5
Eastford	8	0	Norwalk	2034	55	Willington	15	0
Easton	31	1	Norwich	106	7	Wilton	196	28
Ellington	65	5	Old Lyme	21	0	Winchester	52	1
Enfield	596	11	Old Saybrook	110	4	Windham	275	0
Essex	50	0	Orange	126	2	Windsor	540	45
Fairfield	606	51	Oxford	79	3	Windsor Locks	113	6
Farmington	210	6	Plainfield	39	1	Wolcott	105	6
Franklin	7	0	Plainville	172	3	Woodbridge	139	7
Glastonbury	279	22	Plymouth	69	5	Woodbury	51	1
Goshen	10	0	Pomfret	13	0	Woodstock	16	0
Granby	27	0	Portland	70	4			
Greenwich	809	36	Preston	16	0			

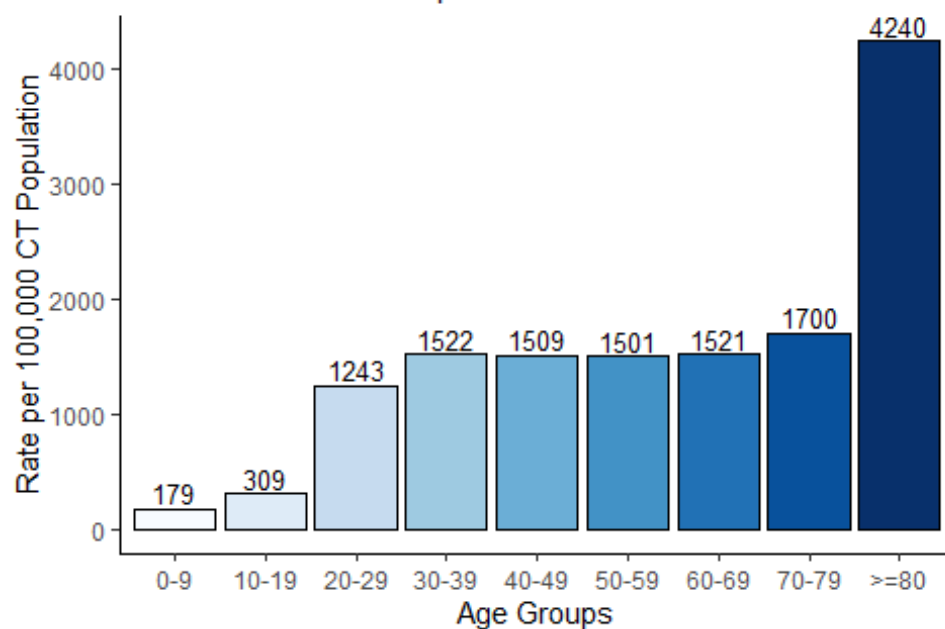
**APPENDIX B.** The following graphs show the number of cases per 100,000 Connecticut residents statewide and by county, age group, and gender. Population estimate from: [DPH Population Statistics](#)





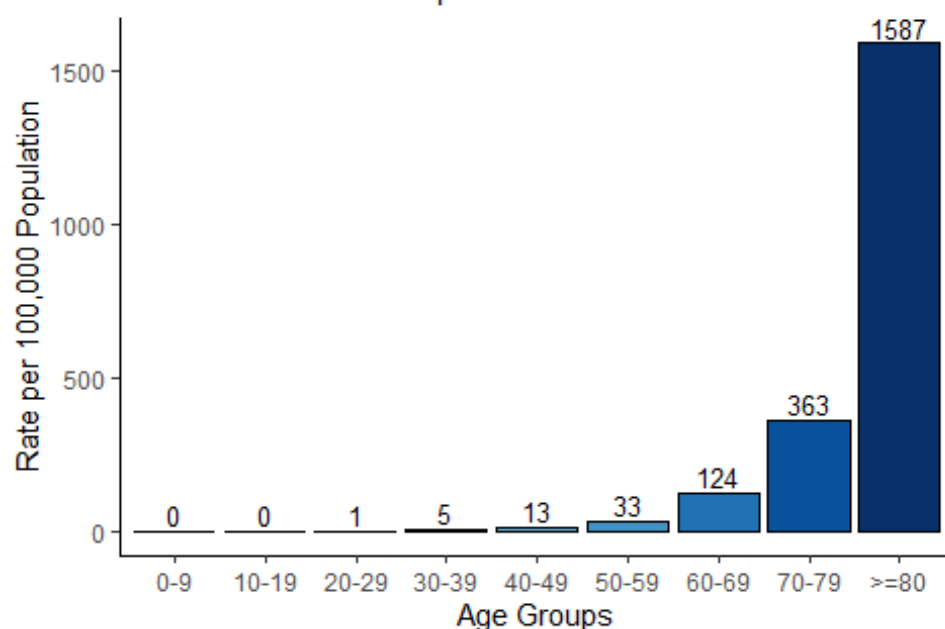
### Rate of COVID-19 Cases by Age Group

As of 07/08/2020 at 8:30pm



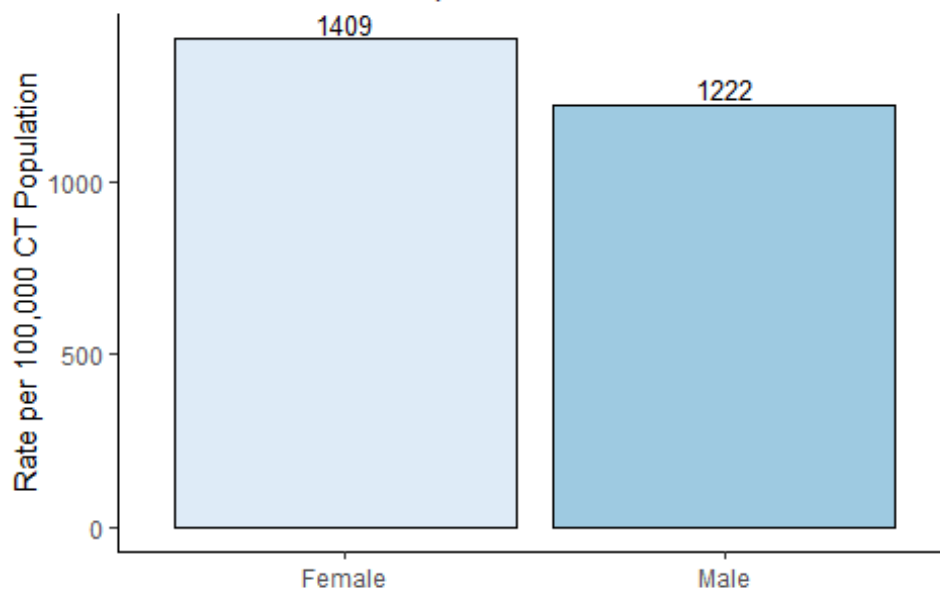
### Rate of COVID-19-Associated Deaths by Age Group

As of 07/08/2020 at 8:30pm



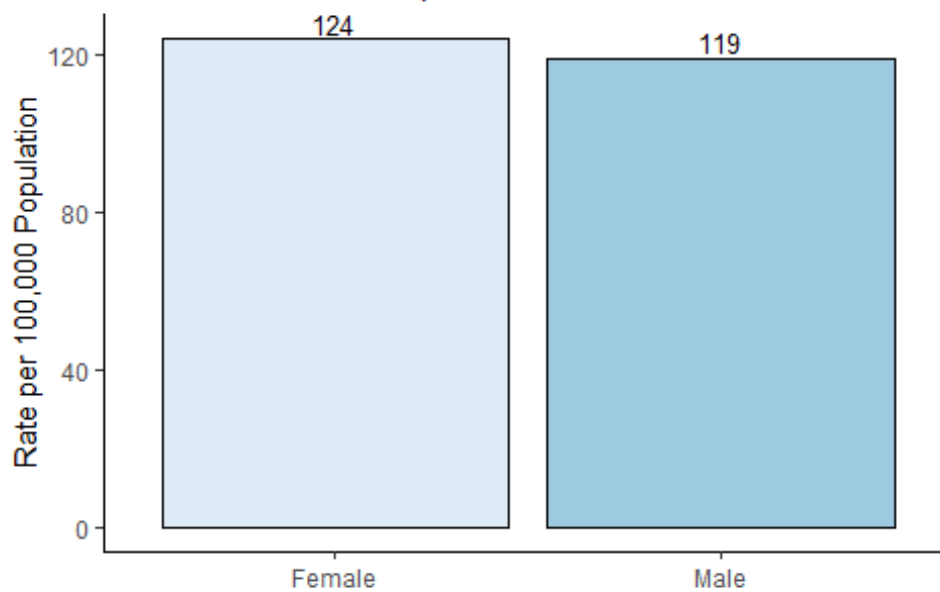
### Rate of COVID-19 Cases by Gender

As of 07/08/2020 at 8:30pm

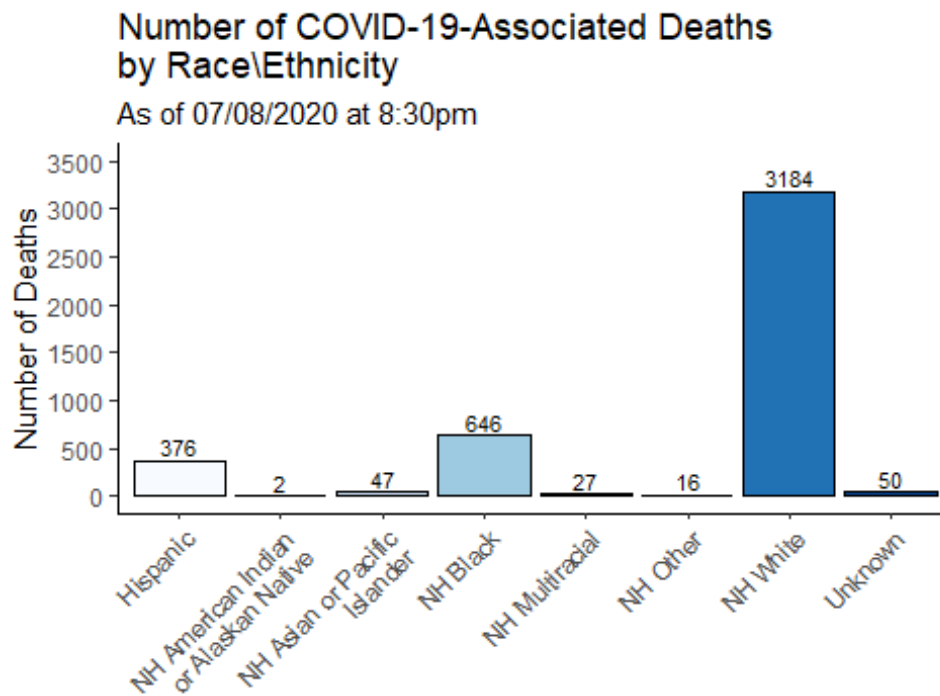
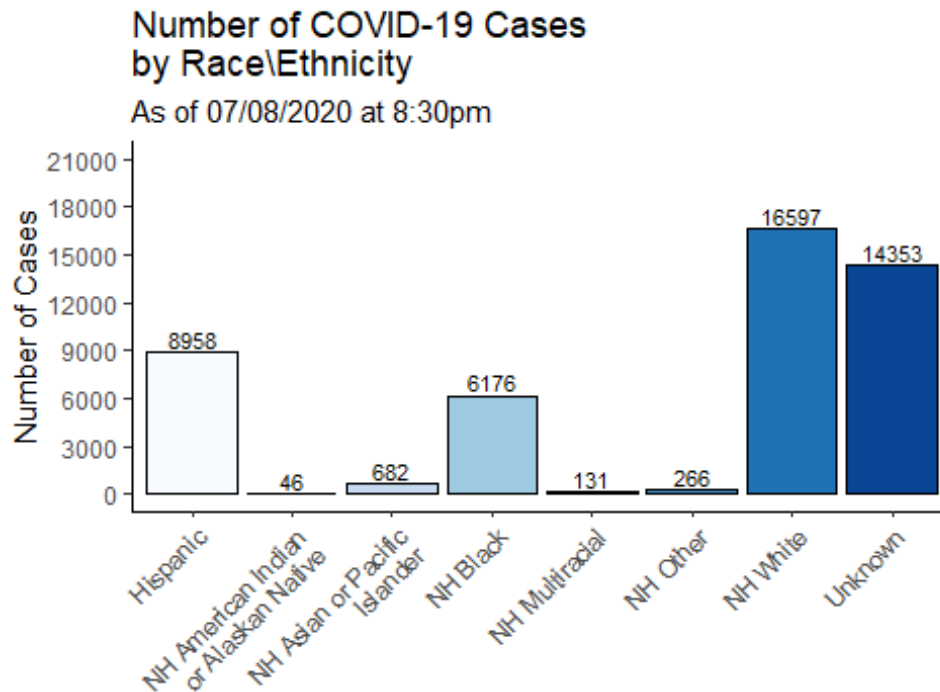


### Rate of COVID-19-Associated Deaths by Gender

As of 07/08/2020 at 8:30pm

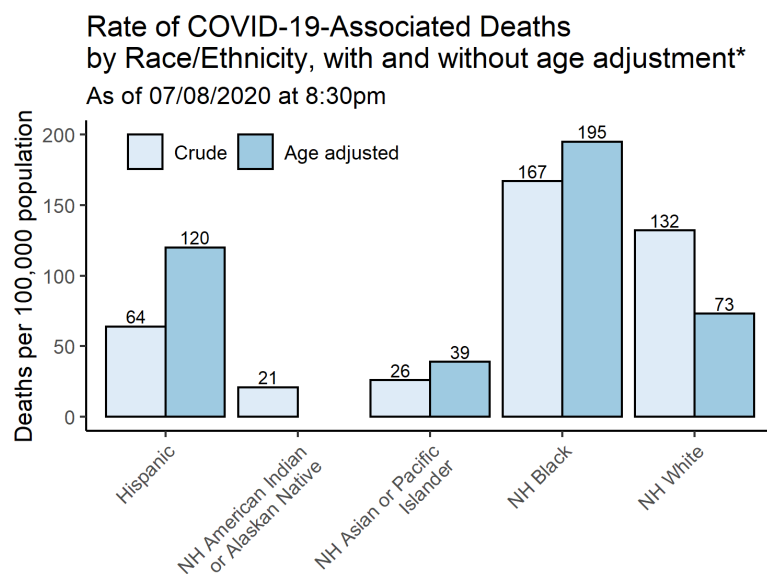
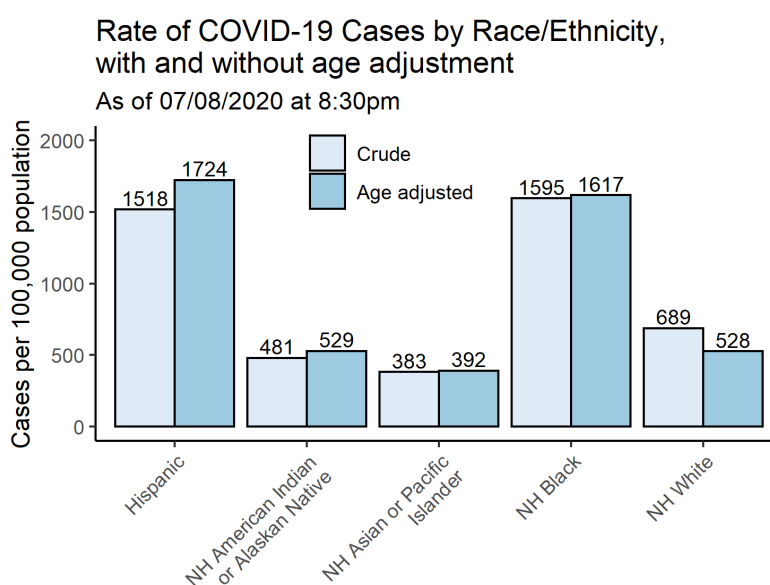


**APPENDIX C.** The following graphs show the number of cases and deaths by race and ethnicity. Categories are mutually exclusive. The category “multiracial” includes people who answered ‘yes’ to more than one race category. NH=Non-Hispanic



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