

COVID-19 Update July 02, 2020

As of **July 01, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **46646**, including **44672** laboratory-confirmed and **1974** probable cases. **One hundred one** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **4326** 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	46646	+74
COVID-19-Associated Deaths	4326	+2
Patients Currently Hospitalized with COVID-19	101	+1
COVID-19 PCR Tests Reported	487323	+11461

**Includes confirmed plus probable cases

COVID-19 Cases and Associated Deaths by County of Residence

As of 07/01/20 8:30pm.

County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	16094	639	1070	306
Hartford County	11041	675	1060	314
Litchfield County	1429	63	117	20
Middlesex County	1252	59	146	39
New Haven County	11995	388	927	147
New London County	1211	62	76	26
Tolland County	845	70	50	14
Windham County	605	7	13	1
<i>Pending address validation</i>	200	11	0	0
Total	44672	1974	3459	867

[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

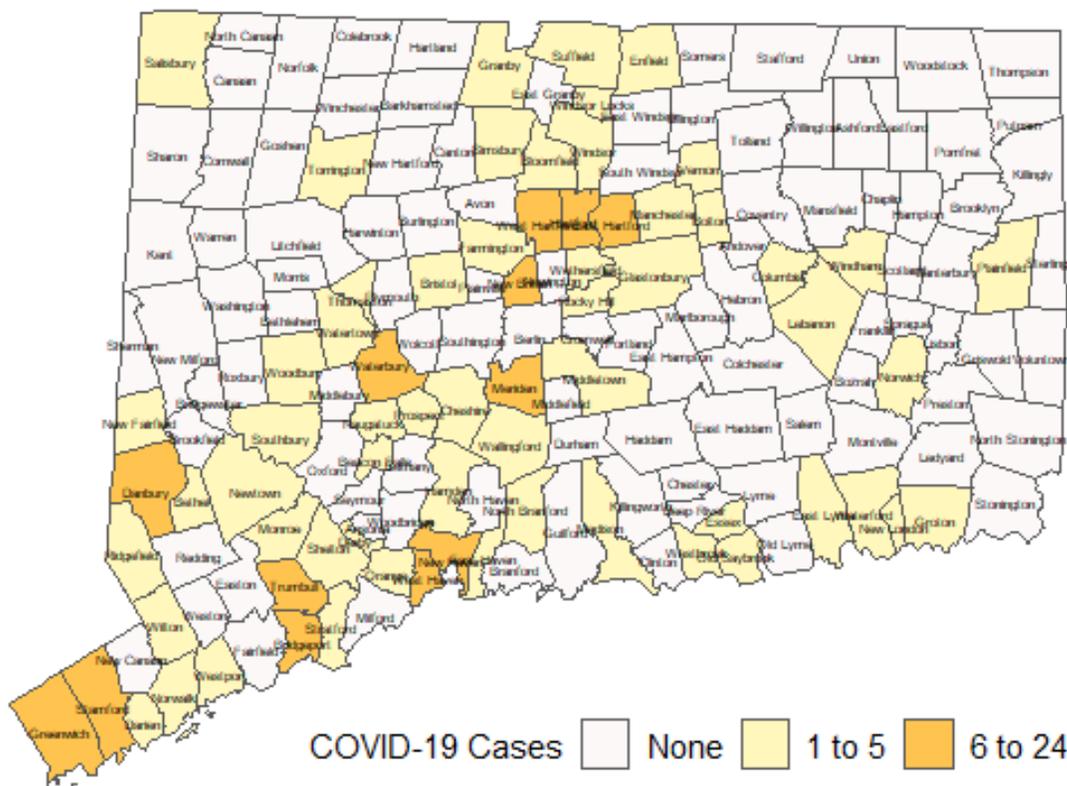
New Cases in the Past Week

Among 36,699 PCR tests for COVID-19 with specimen collection date in the past 7 days, 449 test results were positive. There were 281 people who tested positive for the first time or had onset of symptoms in the past 7 days. Of these 281 people, 250 (89%) cases were among people who reside in community settings and 31 (11%) 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 250 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.

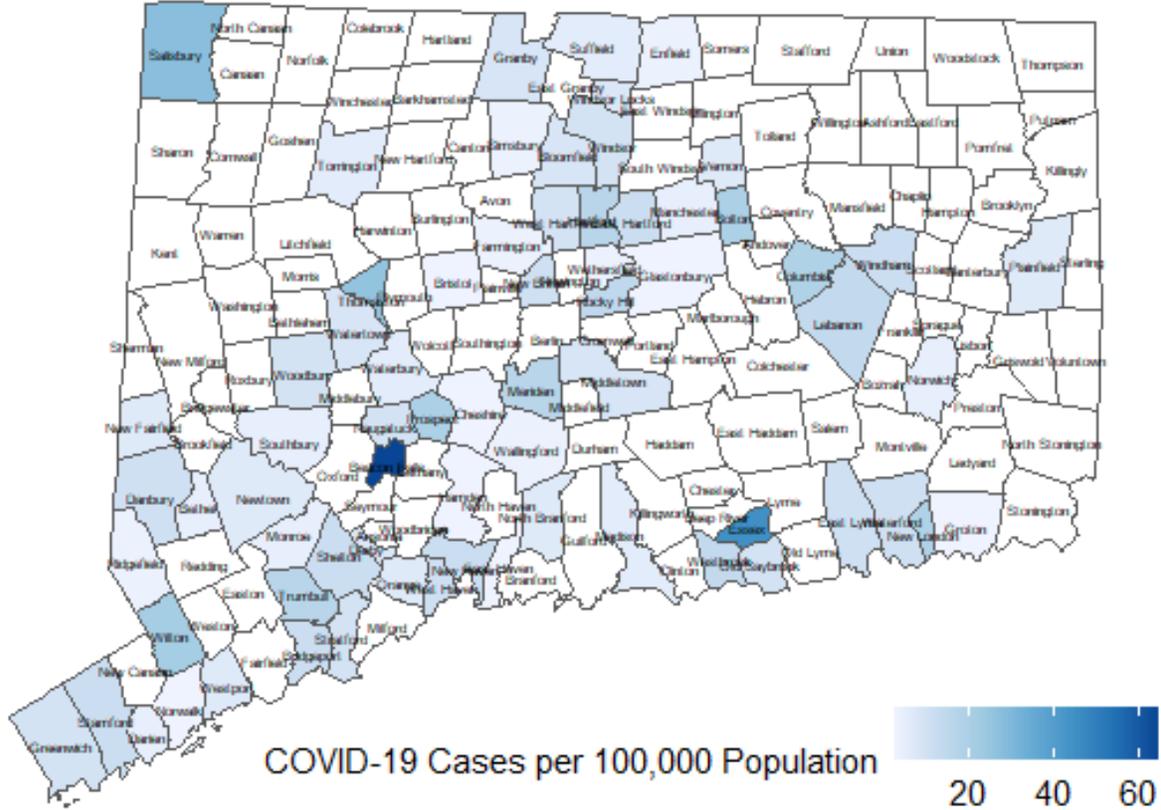
Number of COVID-19 Cases Among Persons Living in Community Settings by Town with Specimen Collection or Onset Date in the Past 7 Days



Map does not include 12 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

Map does not include 12 cases pending address validation



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

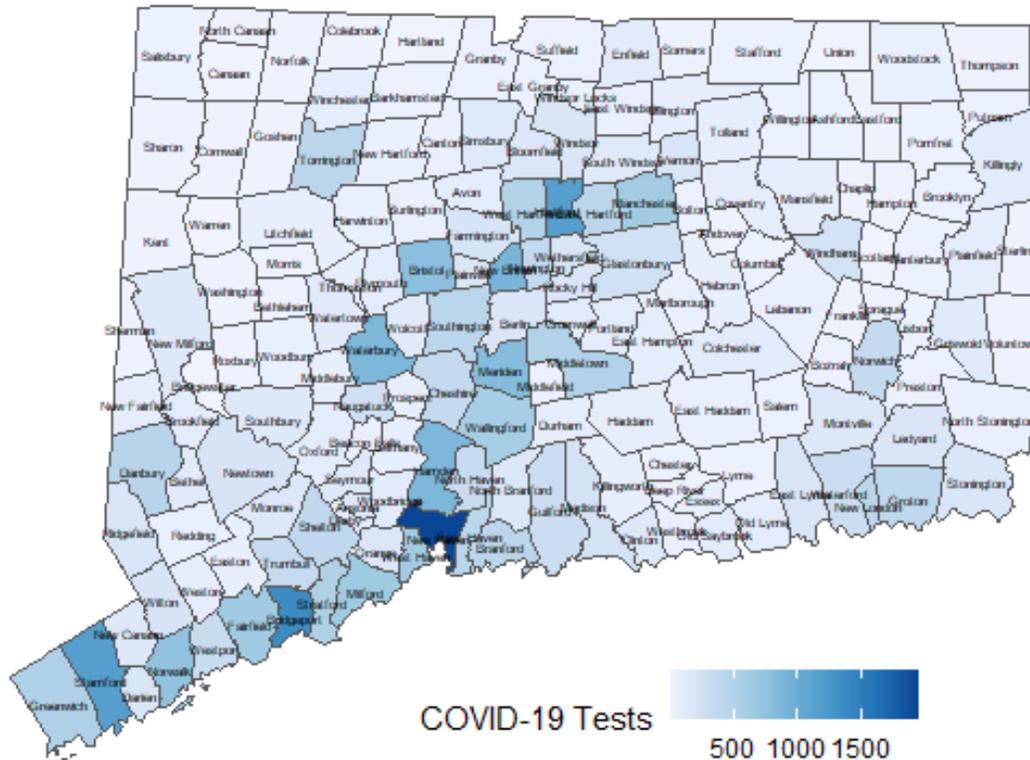
Table does not include 12 cases pending address validation. Rate is cases per 100,000 population.

Town	Pop.	Cases	Rate	Town	Pop.	Cases	Rate	Town	Pop.	Cases	Rate
Andover	3231	0	0	Groton	38692	<5	3	Prospect	9790	<5	20
Ansonia	18721	0	0	Guilford	22216	0	0	Putnam	9395	0	0
Ashford	4261	0	0	Haddam	8222	0	0	Redding	9125	0	0
Avon	18302	0	0	Hamden	60940	<5	3	Ridgefield	25008	<5	4
Barkhamsted	3624	0	0	Hampton	1853	0	0	Rocky Hill	20145	<5	15
Beacon Falls	6182	<5	65	Hartford	122587	21	17	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	<5	28
Bethel	19714	<5	5	Hebron	9482	0	0	Scotland	1685	0	0
Bethlehem	3422	0	0	Kent	2785	0	0	Seymour	16509	0	0
Bloomfield	21301	<5	9	Killingly	17287	0	0	Sharon	2703	0	0
Bolton	4890	<5	20	Killingworth	6370	0	0	Shelton	41097	5	12
Bozrah	2537	0	0	Lebanon	7207	<5	14	Sherman	3614	0	0
Branford	28005	0	0	Ledyard	14736	0	0	Simsbury	24979	<5	4
Bridgeport	144900	17	12	Lisbon	4248	0	0	Somers	10834	0	0
Bridgewater	1641	0	0	Litchfield	8127	0	0	South			
Bristol	60032	<5	3	Lyme	2338	0	0	Windsor	26054	0	0
Brookfield	17002	0	0	Madison	18106	<5	6	Southbury	19656	<5	5
Brooklyn	8280	0	0	Manchester	57699	<5	5	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	10	17	Stamford	129775	16	12
Canton	10270	0	0	Middlebury	7731	0	0	Sterling	3780	0	0
Chaplin	2256	0	0	Middlefield	4380	0	0	Stonington	18449	0	0
Cheshire	29179	<5	3	Middletown	46146	<5	9	Stratford	51967	5	10
Chester	4229	0	0	Milford	54661	0	0	Suffield	15743	<5	6
Clinton	12950	0	0	Monroe	19470	<5	5	Thomaston	7560	<5	26
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	<5	19	Naugatuck	31288	<5	10	Torrington	34228	<5	6
Cornwall	1368	0	0	New Britain	72453	8	11	Trumbull	35802	6	17
Coventry	12414	0	0	New Canaan	20213	0	0	Union	840	0	0
Cromwell	13905	0	0	New Fairfield	13877	<5	7	Vernon	29303	<5	7
Danbury	84730	9	11	New Hartford	6685	0	0	Voluntown	2535	0	0
Darien	21753	<5	5	New Haven	130418	15	12	Wallingford	44535	<5	4
Deep River	4463	0	0	New London	26939	5	19	Warren	1399	0	0
Derby	12515	<5	8	New Milford	26974	0	0	Washington	3434	0	0
Durham	7195	0	0	Newington	30112	0	0	Waterbury	108093	6	6
East Granby	5147	0	0	Newtown	27774	<5	7	Waterford	18887	<5	11
East Haddam	8988	0	0	Norfolk	1640	0	0	Watertown	21641	<5	9
East Hampton	12854	0	0	North				West Hartford	62939	6	10
East Hartford	49998	6	12	Branford	14158	<5	7	West Haven	54879	6	11
East Haven	28699	<5	3	North Canaan	3254	0	0	Westbrook	6914	<5	14
East Lyme	18645	<5	11	North Haven	23691	0	0	Weston	10247	0	0
East Windsor	11375	0	0	North				Westport	28115	<5	7
Eastford	1790	0	0	Stonington	5243	0	0	Wethersfield	26082	<5	4
Easton	7517	0	0	Norwalk	89047	<5	3	Willington	5887	0	0
Ellington	16299	0	0	Norwich	39136	<5	5	Wilton	18397	<5	22
Enfield	44466	<5	4	Old Lyme	7366	0	0	Winchester	10655	0	0
Essex	6674	<5	45	Old Saybrook	10087	<5	10	Windham	24706	<5	12
Fairfield	61952	0	0	Orange	13949	<5	7	Windsor	28760	<5	10
Farmington	25506	<5	4	Oxford	13226	0	0	Windsor Locks	12876	<5	8
Franklin	1933	0	0	Plainfield	15173	<5	7	Wolcott	16649	0	0
Glastonbury	34491	<5	3	Plainville	17623	0	0	Woodbridge	8805	0	0
Goshen	2879	0	0	Plymouth	11645	0	0	Woodbury	9537	<5	10
Granby	11375	<5	9	Pomfret	4204	0	0	Woodstock	7862	0	0
Greenwich	62727	6	10	Portland	9305	0	0				
Griswold	11591	0	0	Preston	4638	0	0				

COVID-19 PCR Tests in the Past Week

Among 36,699 PCR tests for COVID-19 with specimen collection date in the past 7 days, 34,346 (94%) tests were conducted among people who did not reside in congregate settings (including nursing homes, assisted living, and correctional facilities). Of the 34,346 tests, 391 (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.

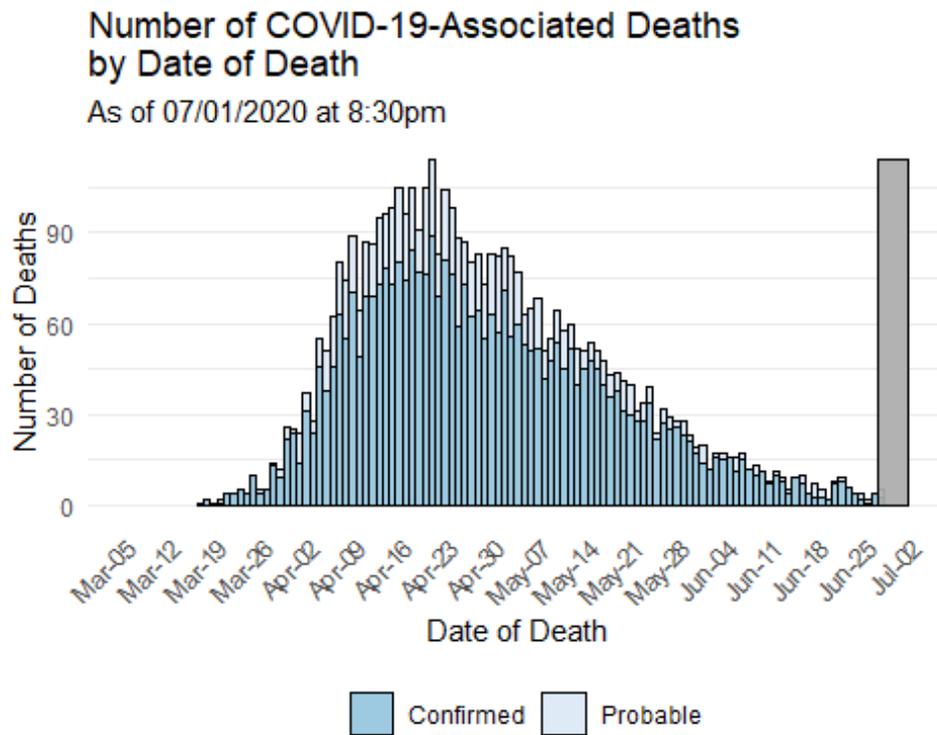
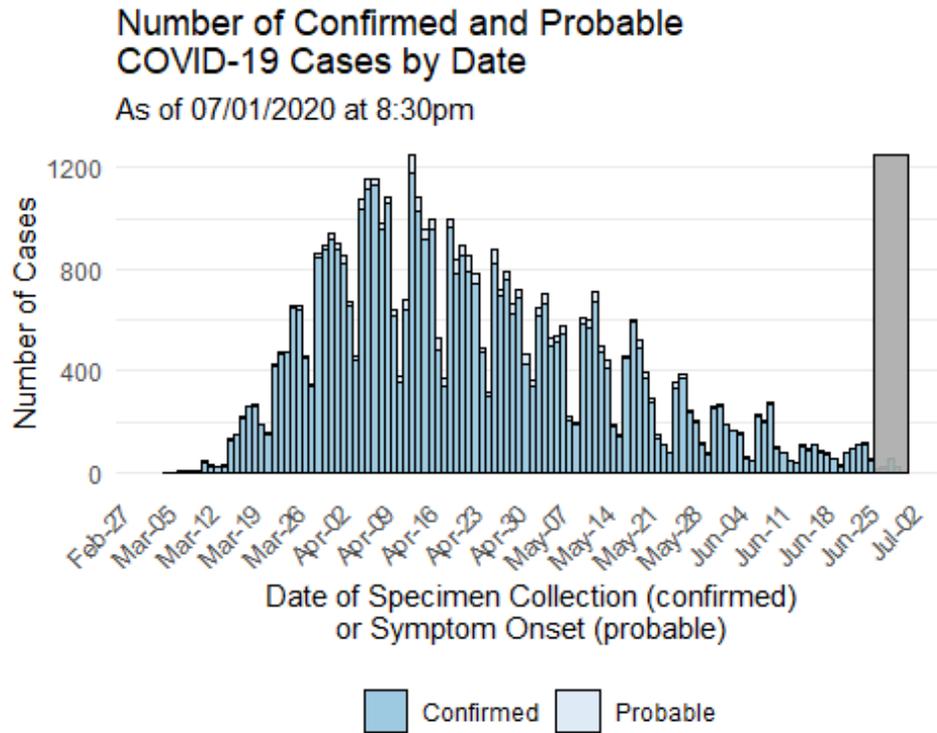
Number of Community PCR Tests for COVID-19 by Town with Specimen Collection Date in the Past 7 Days



Map does not include 1869 tests pending address validation.

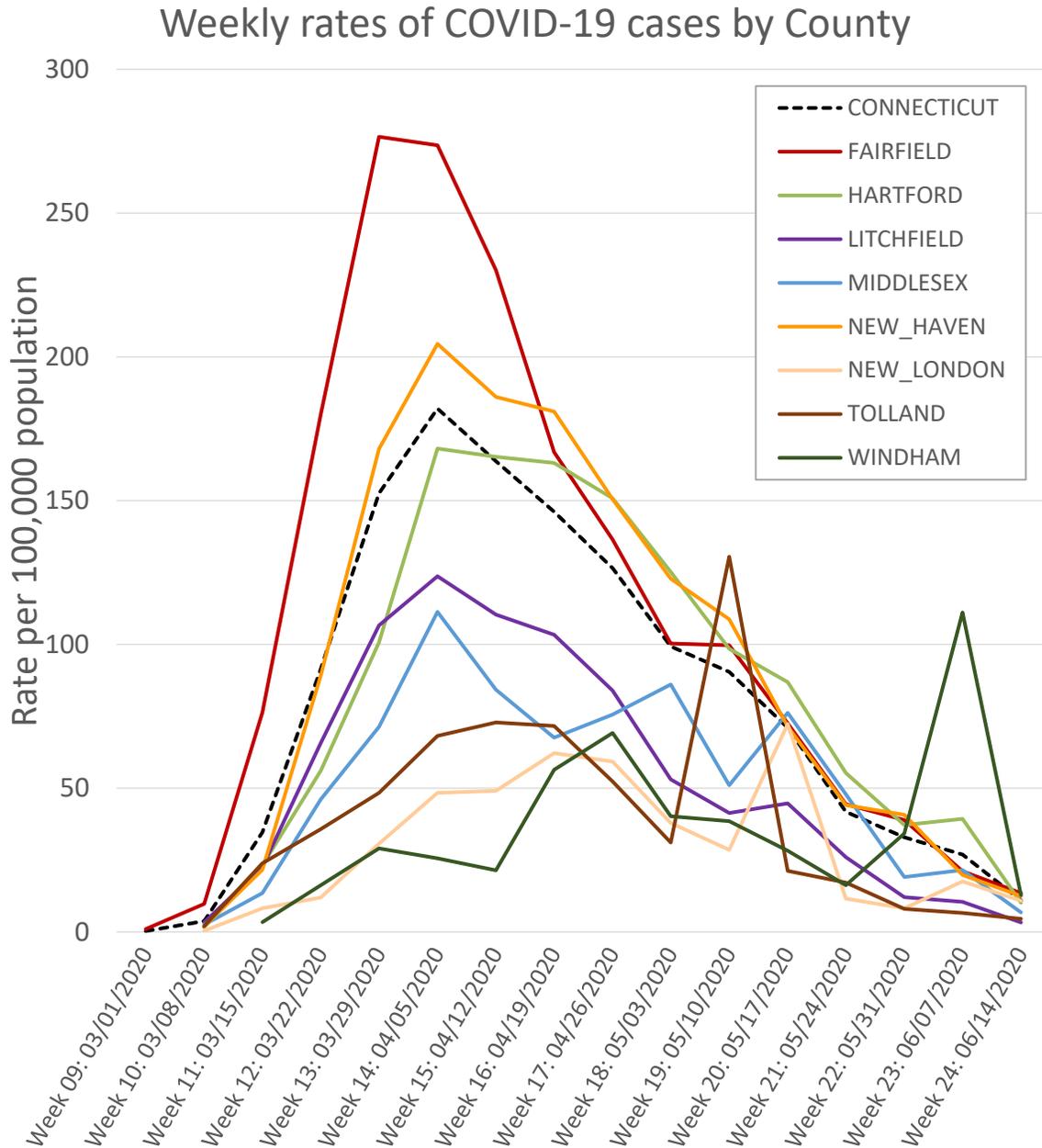
Cumulative COVID-19 Cases and COVID-19-Associated Deaths by Date

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.



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:

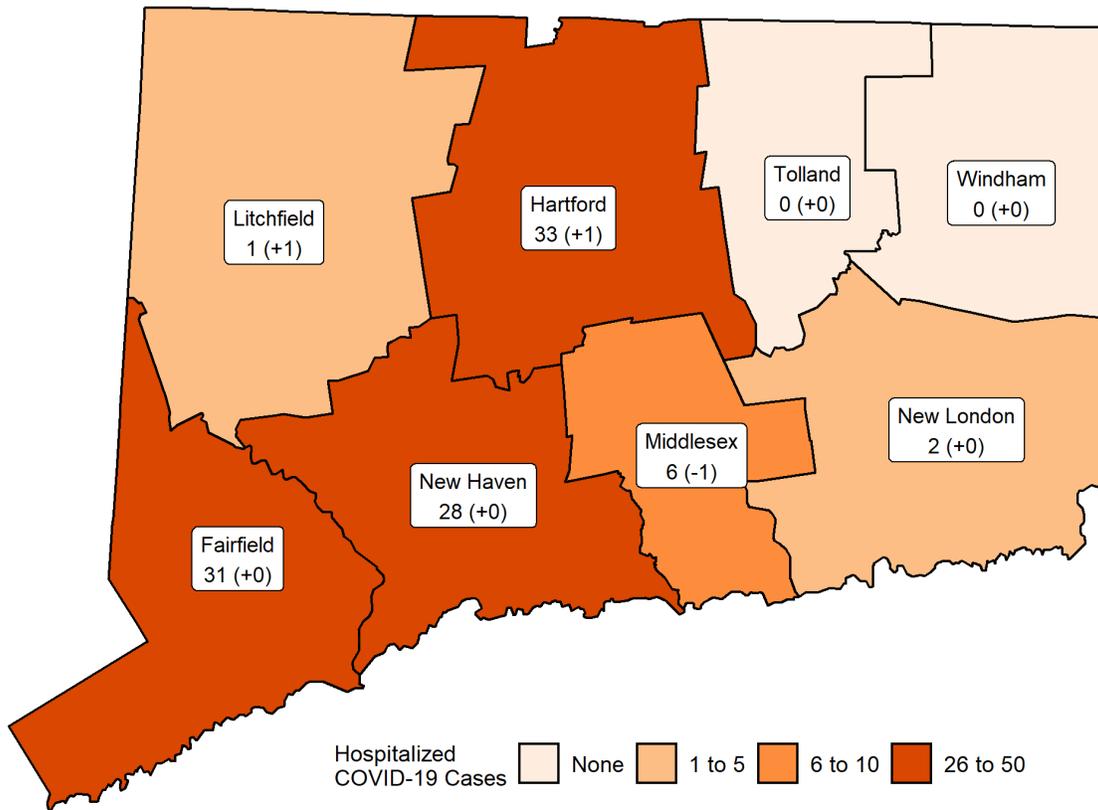
Incidence rates are based on weekly cases divided by the estimated annual population and multiplied by 100,000. Cases pending address validation are excluded from rate calculations.

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

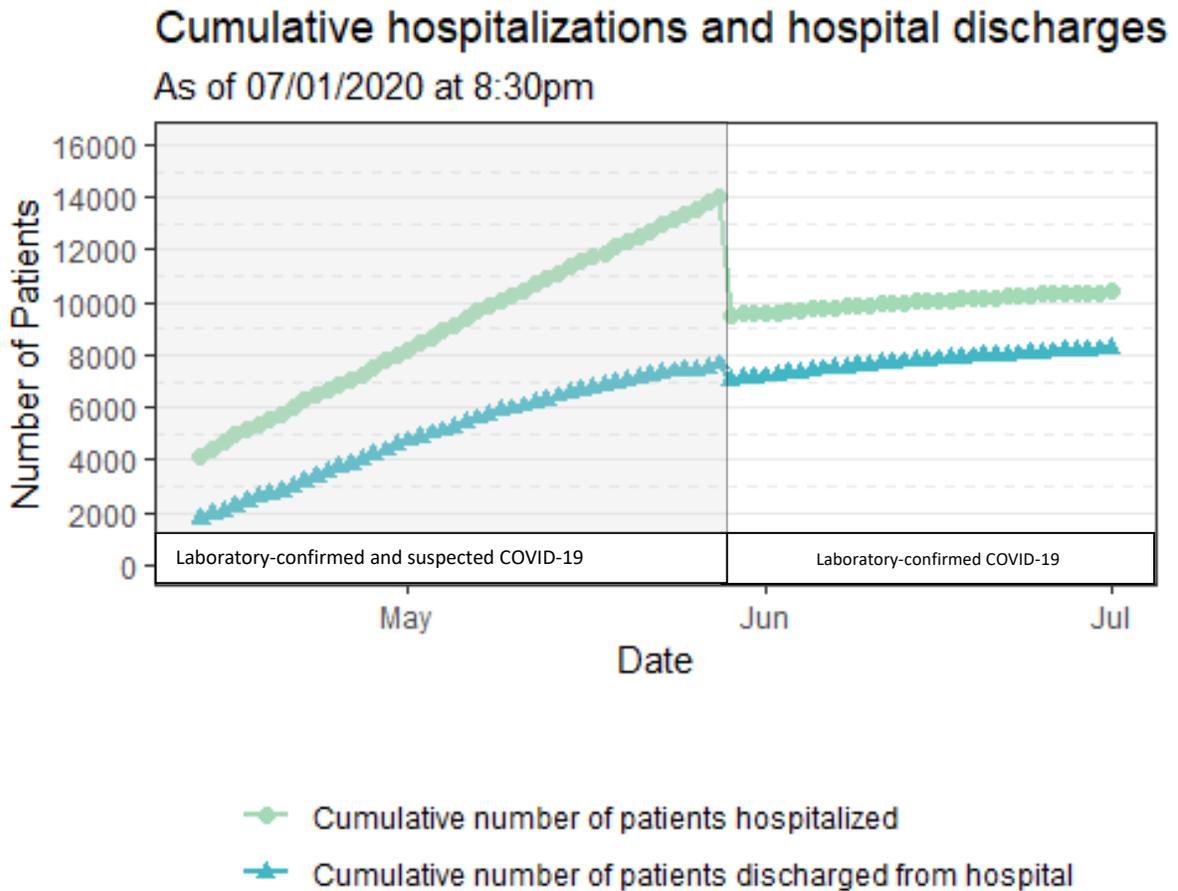
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



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

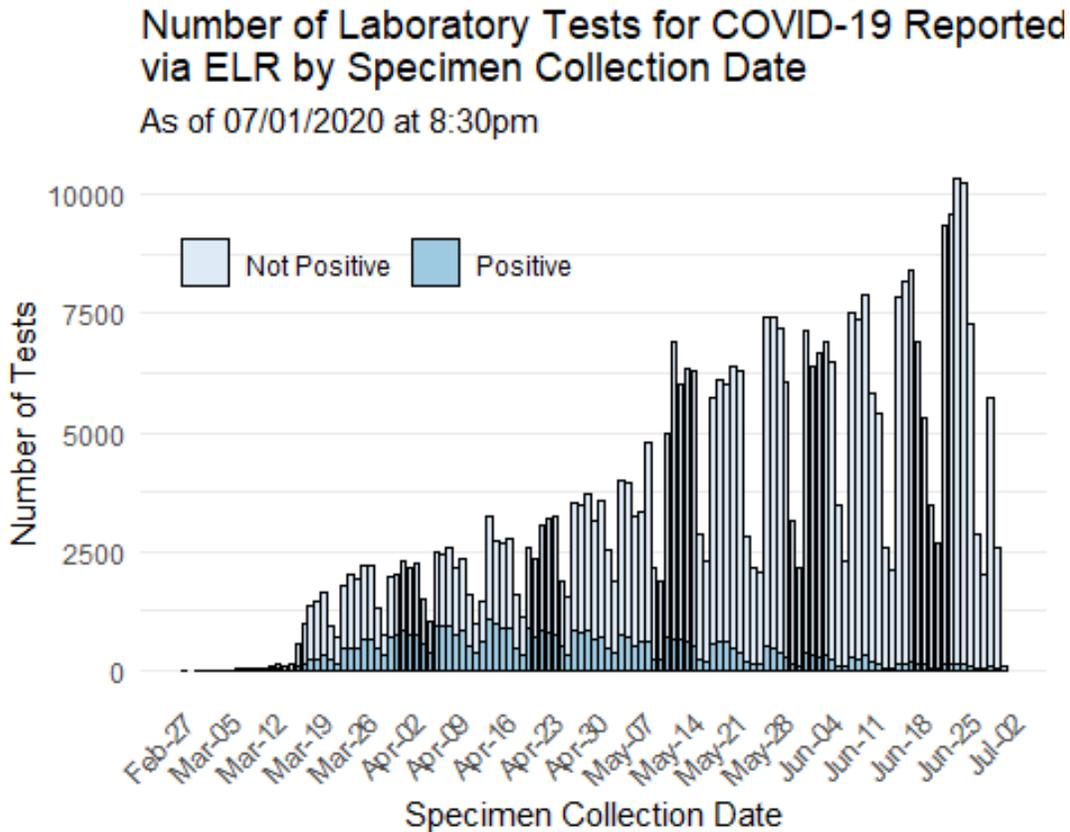
Cumulative hospitalizations and cumulative hospital discharges for COVID-19

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, **10411** patients have been hospitalized with laboratory-confirmed COVID-19 in Connecticut and **8210** patients hospitalized with laboratory-confirmed have been discharged.



Laboratory Surveillance

To date, DPH has received reports on a total of 487,323 COVID-19 laboratory tests; of these 414,664 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.

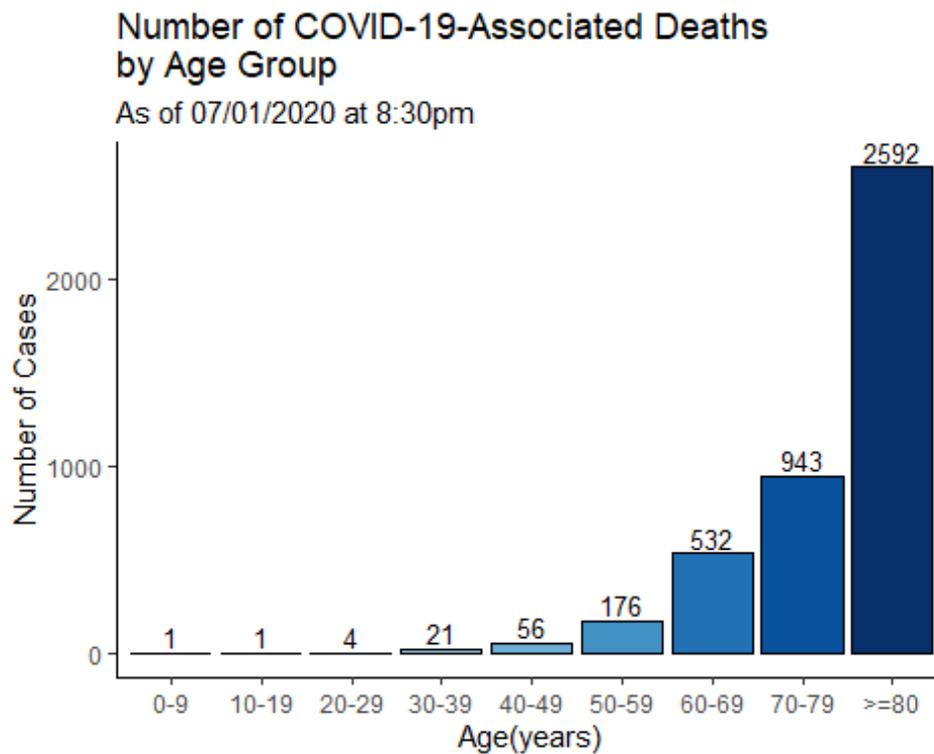
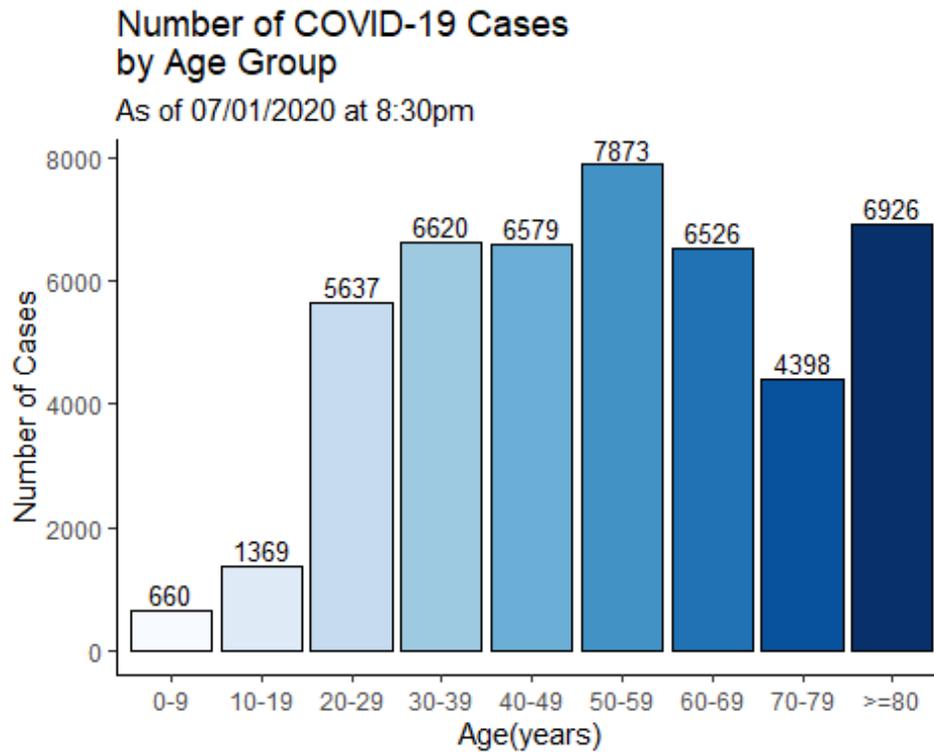


Testing of specimens collected since June 28 is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

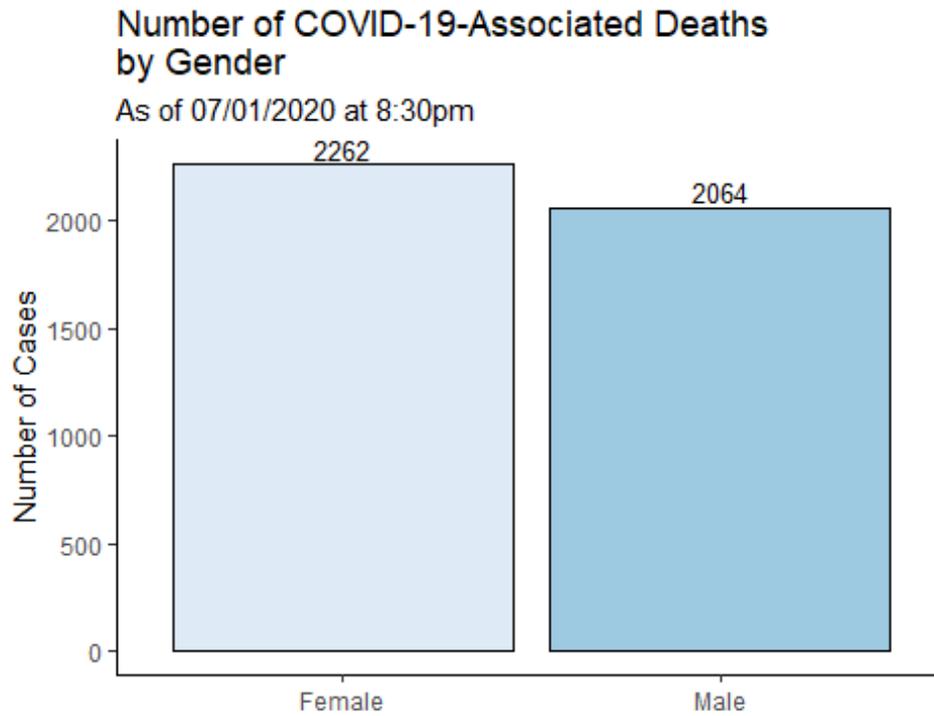
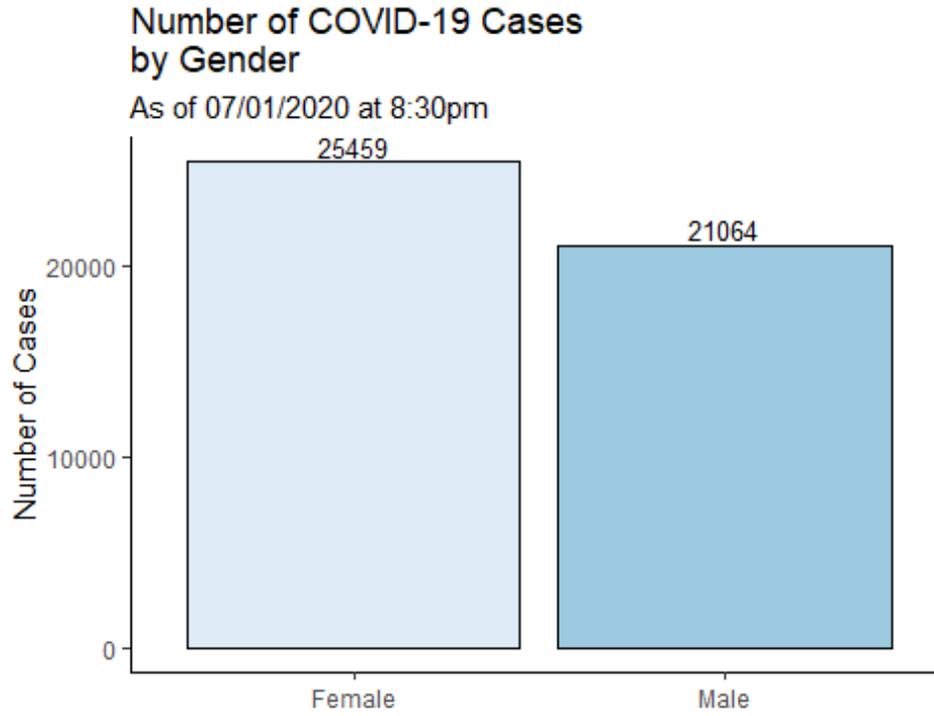
ELR = Electronic Laboratory Reporting

Characteristics of COVID-19 Cases and Associated Deaths

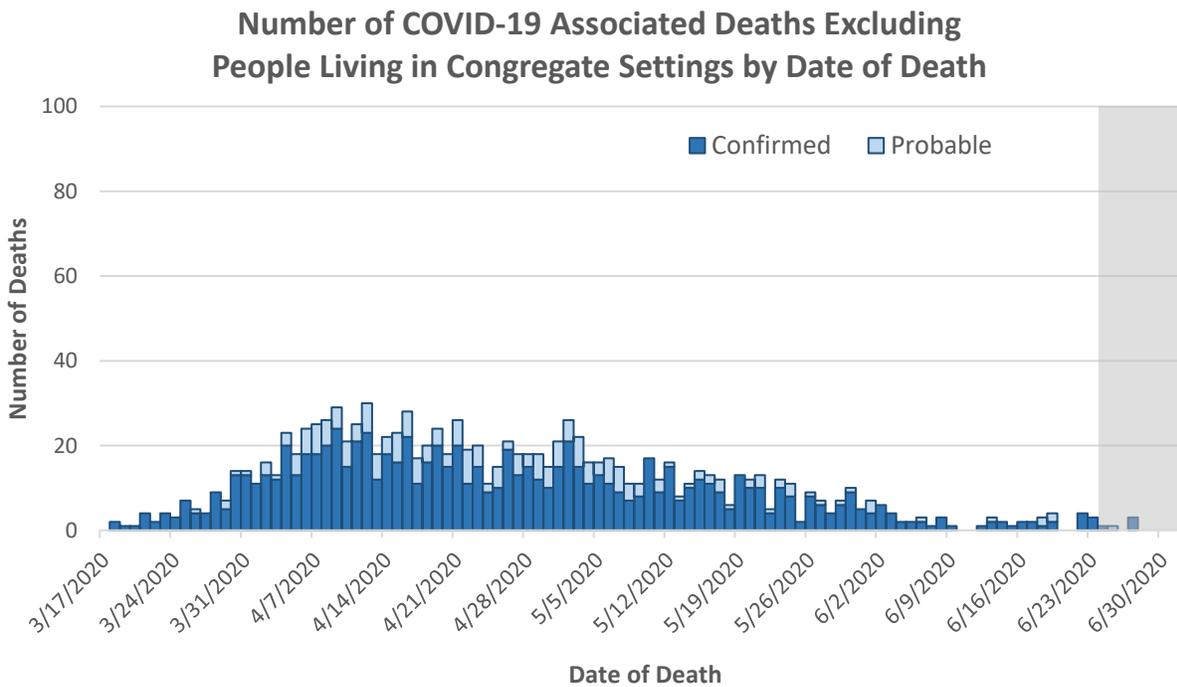
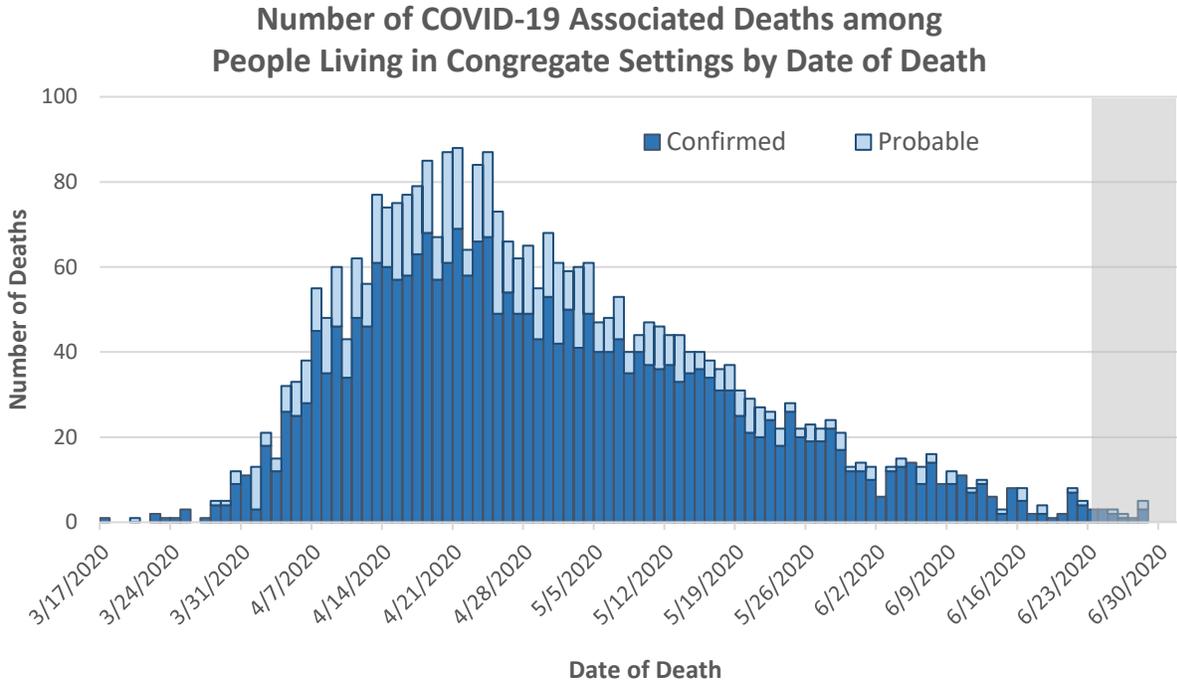
Counts may not add up to total case count because demographic data may be missing.



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

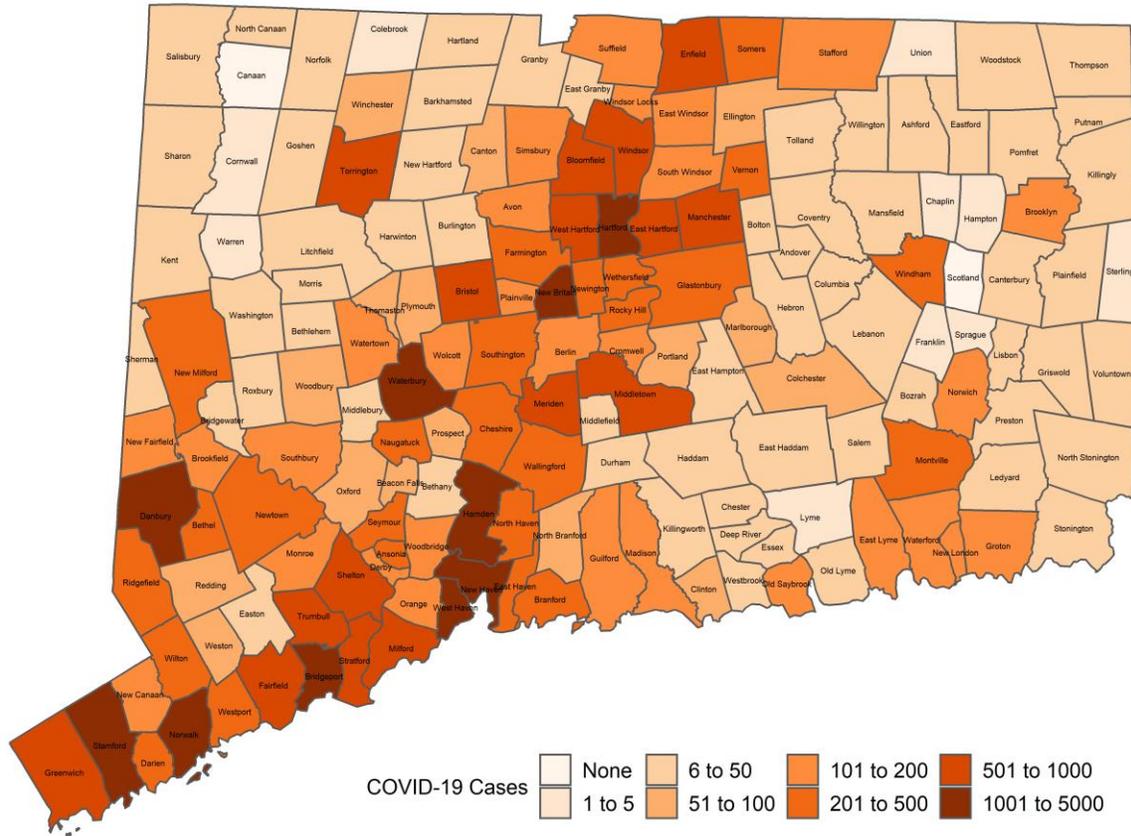


The graphs below show the number of COVID-19-associated deaths by date among people living in congregate settings, such as nursing homes, assisted living facilities, and prisons/jails (first graph) and among people who are not residents of congregate settings (second graph). *Data are incomplete for 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 200 cases pending address validation



All data are preliminary and subject to change. Updated 7/2/2020.

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

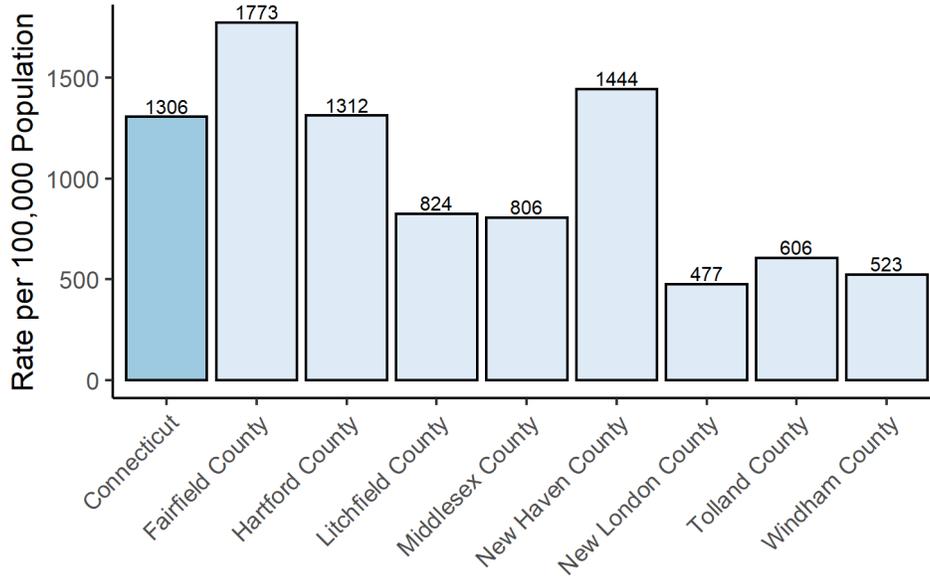
Table does not include 200 cases pending address validation

Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	9	0	Griswold	29	3	Prospect	63	0
Ansonia	277	7	Groton	116	12	Putnam	30	1
Ashford	18	0	Guilford	98	4	Redding	66	3
Avon	134	8	Haddam	29	1	Ridgefield	201	12
Barkhamsted	25	1	Hamden	994	35	Rocky Hill	405	18
Beacon Falls	55	0	Hampton	2	0	Roxbury	5	3
Berlin	157	7	Hartford	2450	145	Salem	6	0
Bethany	38	0	Hartland	6	0	Salisbury	13	0
Bethel	251	9	Harwinton	28	3	Scotland	0	0
Bethlehem	11	1	Hebron	26	2	Seymour	219	12
Bloomfield	487	30	Kent	7	1	Sharon	14	0
Bolton	21	1	Killingly	33	2	Shelton	591	41
Bozrah	8	0	Killingworth	13	0	Sherman	14	2
Branford	335	7	Lebanon	26	0	Simsbury	117	12
Bridgeport	3560	127	Ledyard	22	0	Somers	261	27
Bridgewater	8	0	Lisbon	10	0	South Windsor	153	16
Bristol	592	17	Litchfield	39	1	Southbury	194	5
Brookfield	160	4	Lyme	2	0	Southington	328	13
Brooklyn	126	1	Madison	142	7	Sprague	5	0
Burlington	24	1	Manchester	696	59	Stafford	110	8
Canaan	0	0	Mansfield	33	2	Stamford	3228	69
Canterbury	14	1	Marlborough	91	4	Sterling	2	0
Canton	84	9	Meriden	852	36	Stonington	26	5
Chaplin	3	0	Middlebury	44	3	Stratford	830	36
Cheshire	209	7	Middlefield	18	0	Suffield	128	15
Chester	45	1	Middletown	601	26	Thomaston	57	2
Clinton	57	3	Milford	650	22	Thompson	39	1
Colchester	51	2	Monroe	114	3	Tolland	41	8
Colebrook	3	0	Montville	283	6	Torrington	520	27
Columbia	24	0	Morris	13	1	Trumbull	512	51
Cornwall	5	0	Naugatuck	386	9	Union	4	1
Coventry	40	4	New Britain	1016	73	Vernon	197	12
Cromwell	123	12	New Canaan	171	3	Voluntown	9	0
Danbury	1852	74	New Fairfield	113	0	Wallingford	480	11
Darien	206	3	New Hartford	25	0	Warren	5	0
Deep River	13	2	New Haven	2636	53	Washington	22	1
Derby	167	0	New London	158	6	Waterbury	1932	89
Durham	37	2	New Milford	290	6	Waterford	161	9
East Granby	10	0	Newington	373	21	Watertown	145	7
East Haddam	17	0	Newtown	231	12	West Hartford	646	56
East Hampton	45	4	Norfolk	11	1	West Haven	1037	34
East Hartford	834	60	North Branford	81	4	Westbrook	32	0
East Haven	397	22	North Canaan	5	1	Weston	62	3
East Lyme	145	11	North Haven	261	4	Westport	291	15
East Windsor	143	14	North Stonington	14	1	Wethersfield	247	5
Eastford	8	0	Norwalk	2022	56	Willington	15	0
Easton	31	1	Norwich	99	7	Wilton	190	28
Ellington	64	5	Old Lyme	21	0	Winchester	51	1
Enfield	591	11	Old Saybrook	107	4	Windham	262	0
Essex	48	0	Orange	124	1	Windsor	535	45
Fairfield	600	51	Oxford	78	3	Windsor Locks	113	6
Farmington	209	6	Plainfield	39	1	Wolcott	104	6
Franklin	5	0	Plainville	172	3	Woodbridge	142	7
Glastonbury	278	21	Plymouth	68	5	Woodbury	51	1
Goshen	8	0	Pomfret	13	0	Woodstock	16	0
Granby	22	0	Portland	67	4			
Greenwich	798	36	Preston	15	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](#)

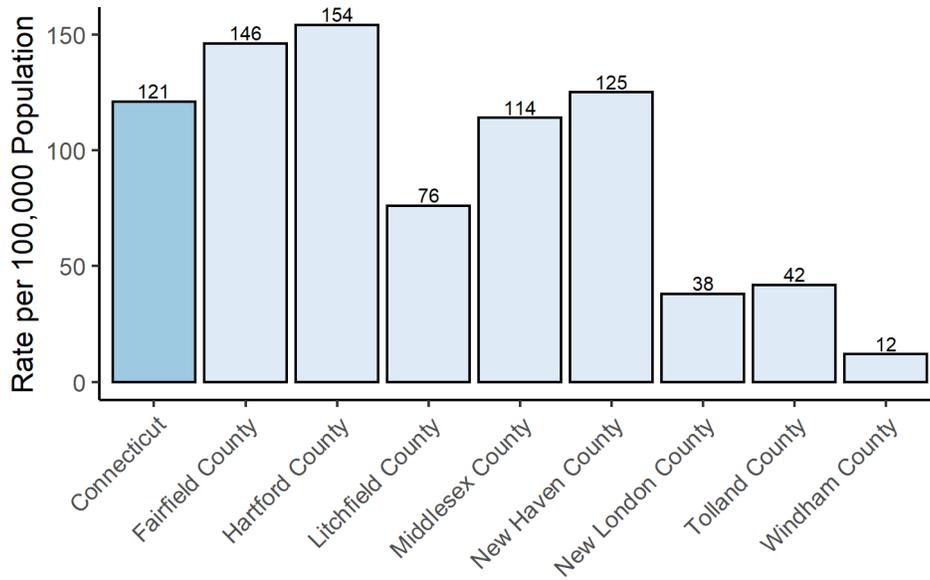
Rate of COVID-19 Cases Statewide and by County

As of 07/01/2020 at 8:30pm



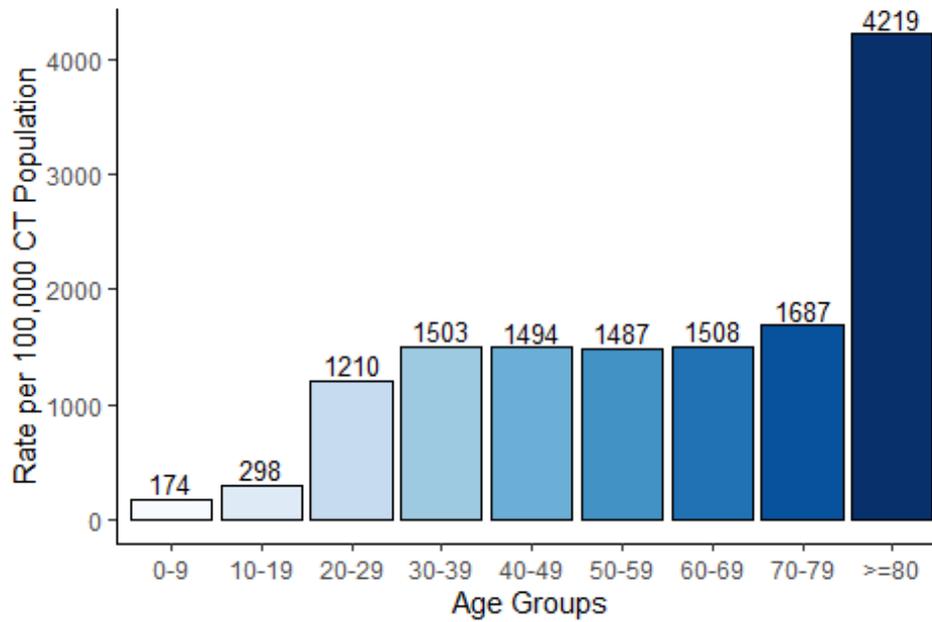
Rate of COVID-19-Associated Deaths Statewide and by County

As of 07/01/2020 at 8:30pm



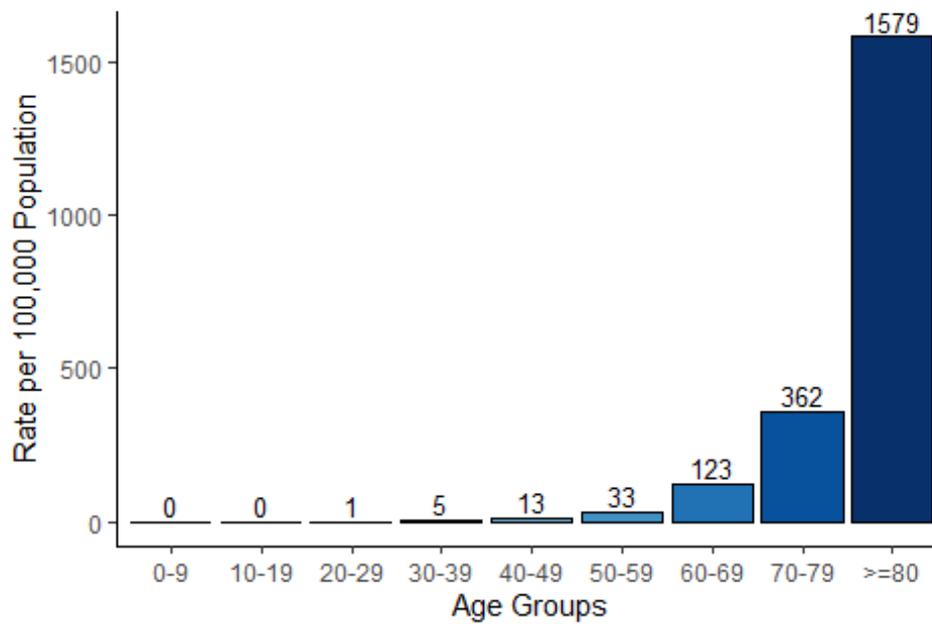
Rate of COVID-19 Cases by Age Group

As of 07/01/2020 at 8:30pm



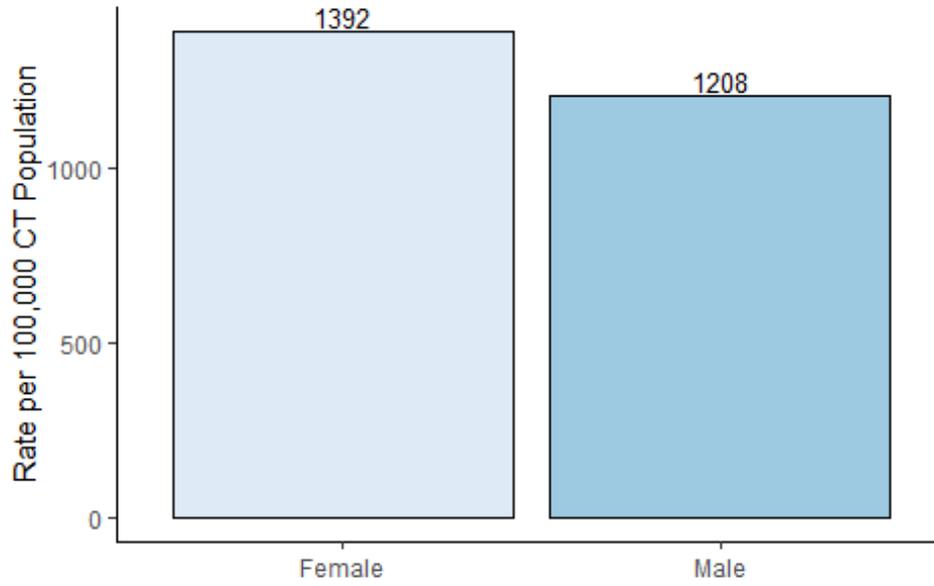
Rate of COVID-19-Associated Deaths by Age Group

As of 07/01/2020 at 8:30pm



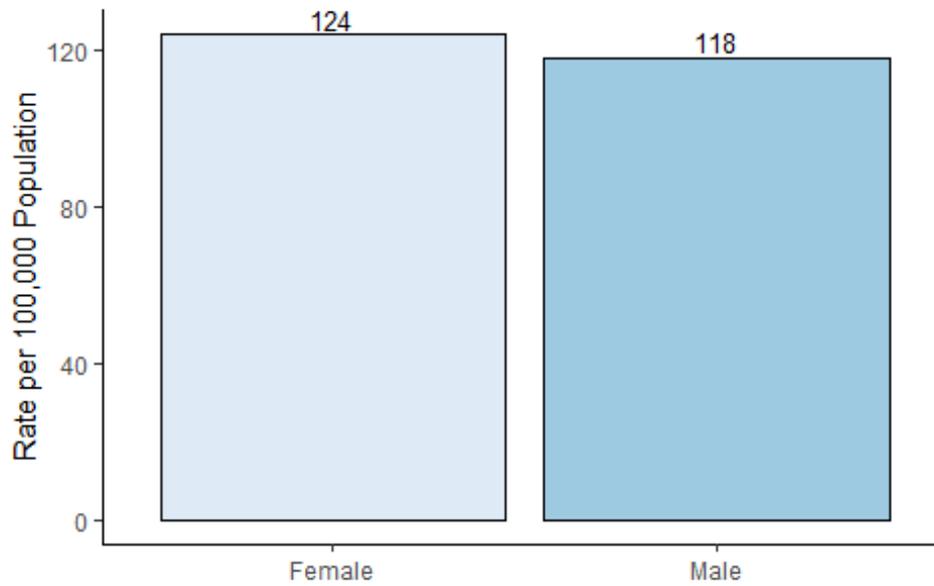
Rate of COVID-19 Cases by Gender

As of 07/01/2020 at 8:30pm

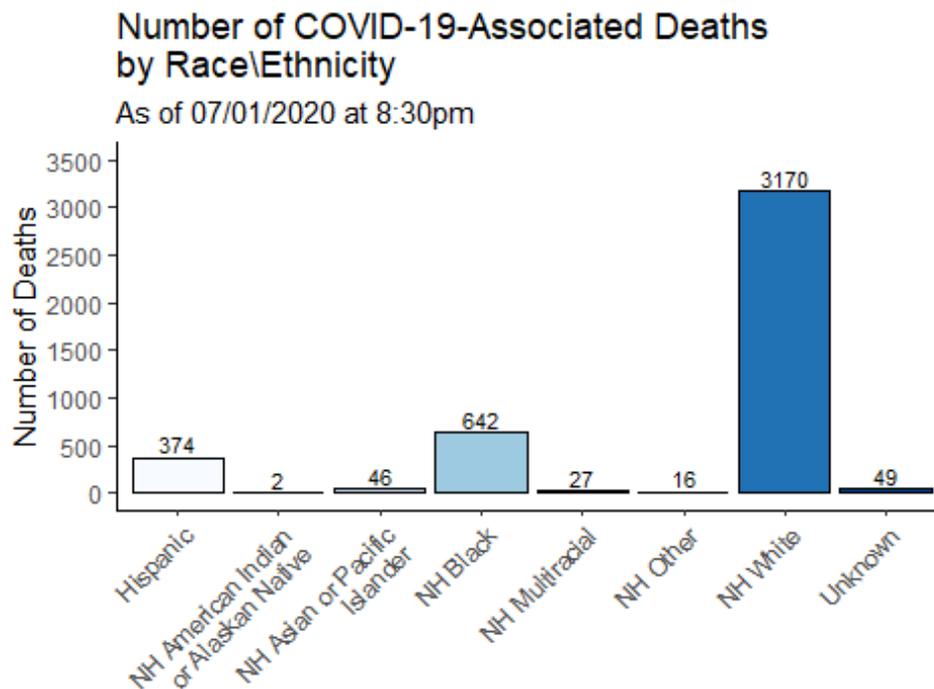
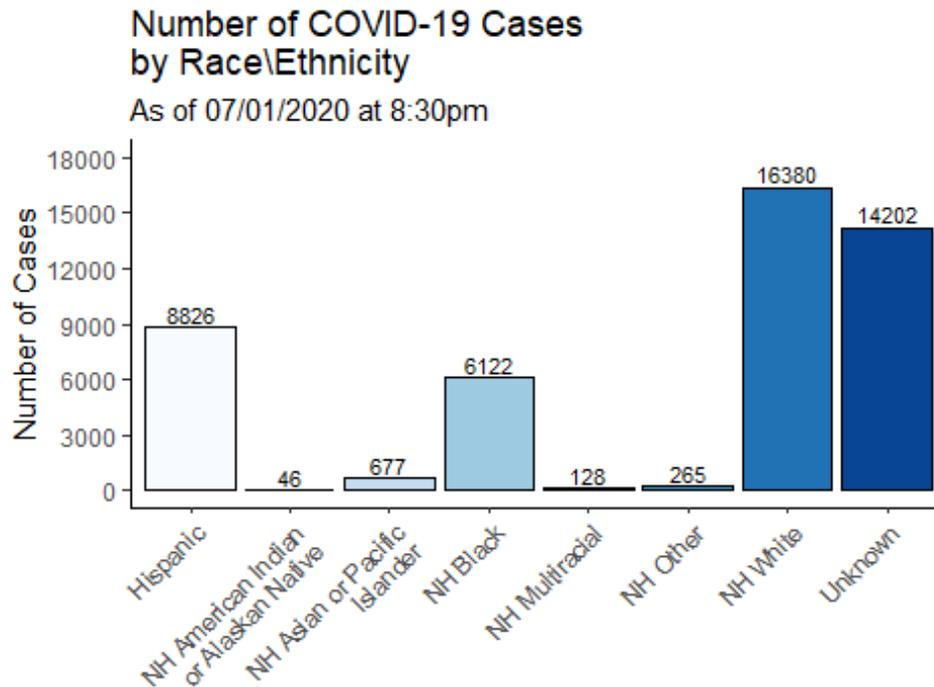


Rate of COVID-19-Associated Deaths by Gender

As of 07/01/2020 at 8:30pm

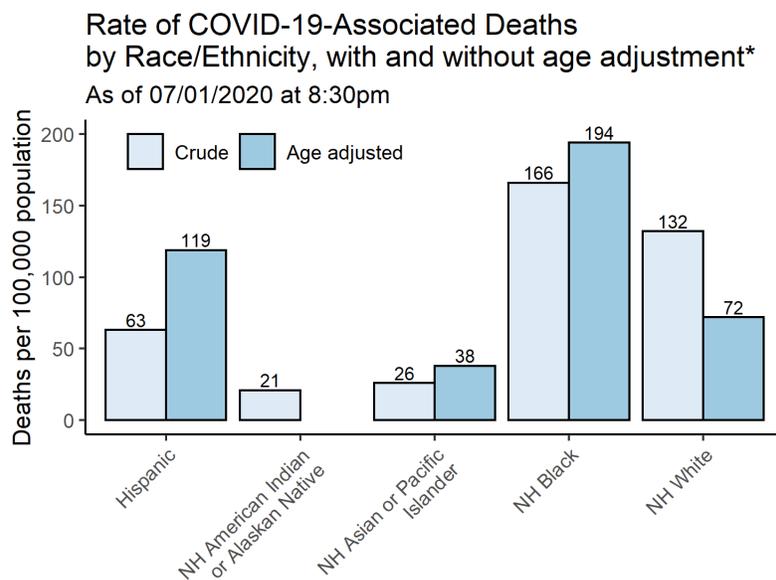
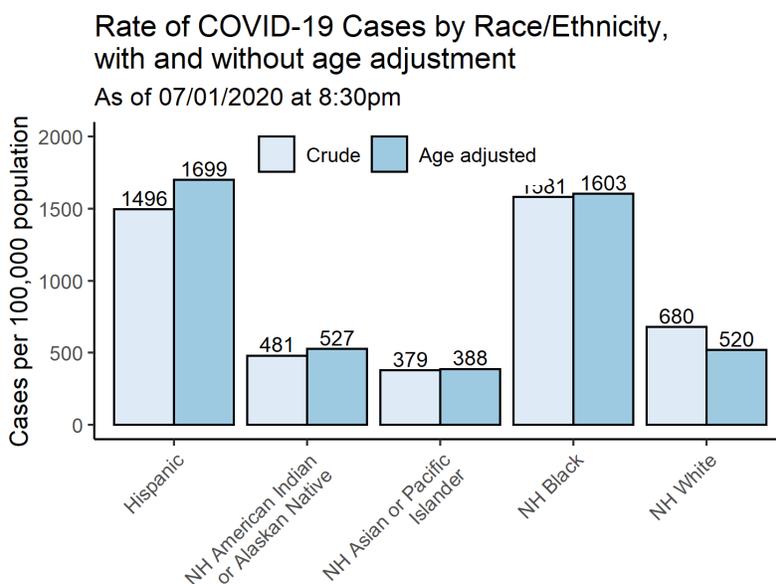


APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. Categories are mutually exclusive. The category “multiracial” includes people who answered ‘yes’ to more than one race category. NH=Non-Hispanic



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