

COVID-19 Update August 06, 2020

As of **August 05, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **50245**, including **48273** laboratory-confirmed and **1972** probable cases. **Sixty-six** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **4437** 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	50245	+20
COVID-19-Associated Deaths	4437	+0
Patients Currently Hospitalized with COVID-19	66	+7
COVID-19 PCR Tests Reported	855126	+8984

***Includes confirmed plus probable cases*

COVID-19 Cases and Associated Deaths by County of Residence

As of 08/05/20 8:30pm.

County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	17270	656	1094	312
Hartford County	12104	641	1094	320
Litchfield County	1544	63	117	21
Middlesex County	1334	61	153	38
New Haven County	12719	409	954	150
New London County	1369	62	77	26
Tolland County	994	61	52	14
Windham County	715	9	14	1
<i>Pending address validation</i>	<i>224</i>	<i>10</i>	<i>0</i>	<i>0</i>
Total	48273	1972	3555	882

[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

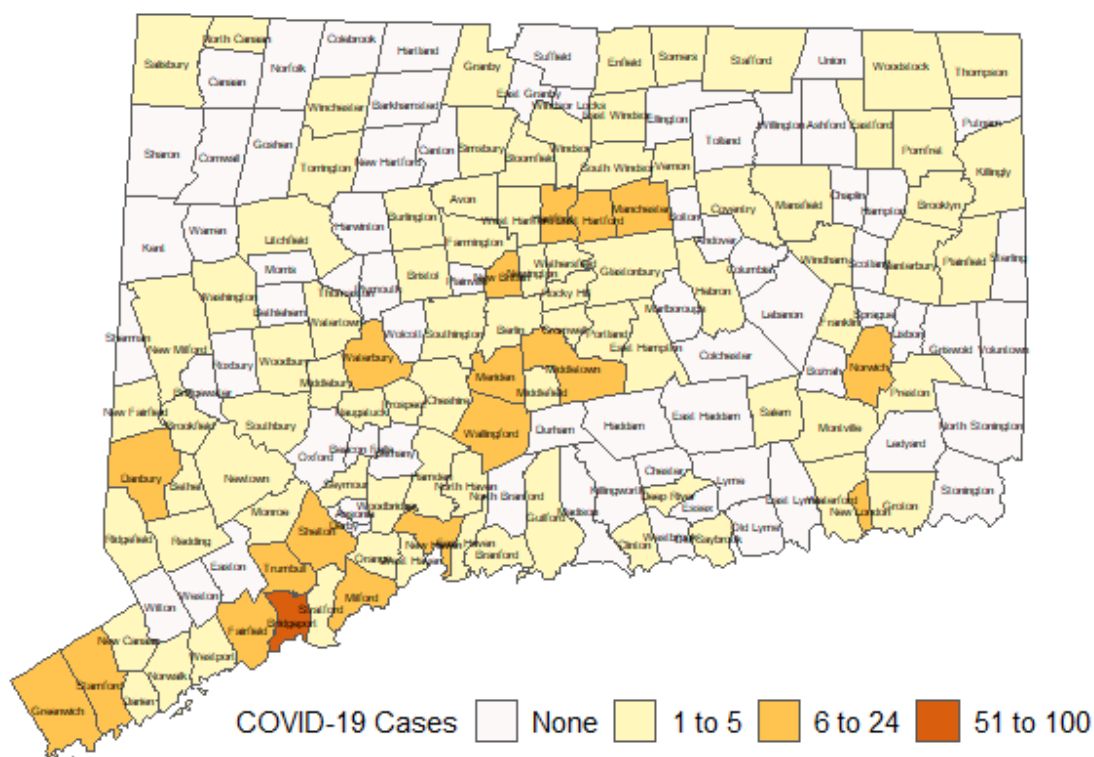
New Cases during July 26–August 1, 2020

Among 70,230 PCR tests for COVID-19 with specimen collection date during July 26–August 1st, 632 test results were positive. There were 471 people who tested positive for the first time or had onset of symptoms during July 26–August 1st. Of these 471 people, 431 (92%) cases were among people who reside in community settings and 40 (8%) 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 431 cases among people living in community settings. The first map shows the number of cases and darker colors indicate towns with more cases.

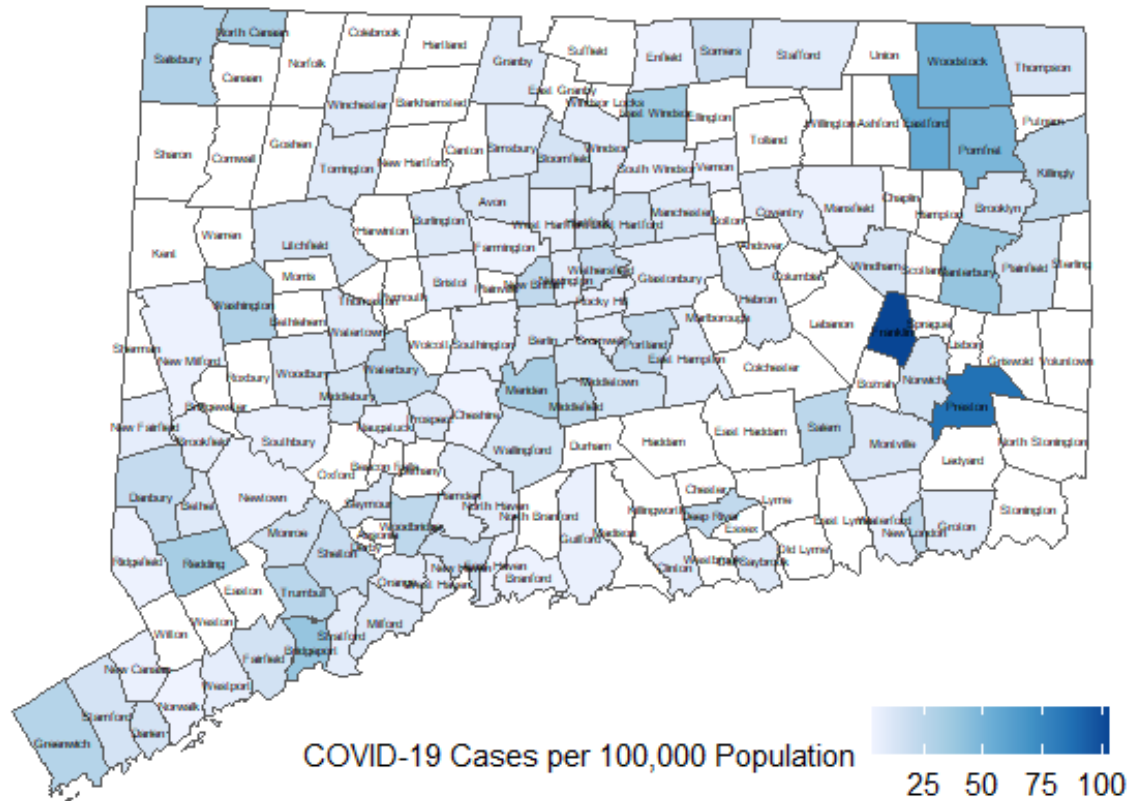
Because towns with larger populations are likely to have more cases, it is also important to look at the number of new cases per 100,000 population. The second map below shows the number of new cases per 100,000 population, with darker colors indicating higher rates.

Number of COVID-19 Cases among Persons Living in Community Settings by Town with Specimen Collection or Onset Date During July 26–August 1, 2020



Map does not include 9 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 During July 26–August 1, 2020**



Map does not include 9 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 during July 26–August 1, 2020

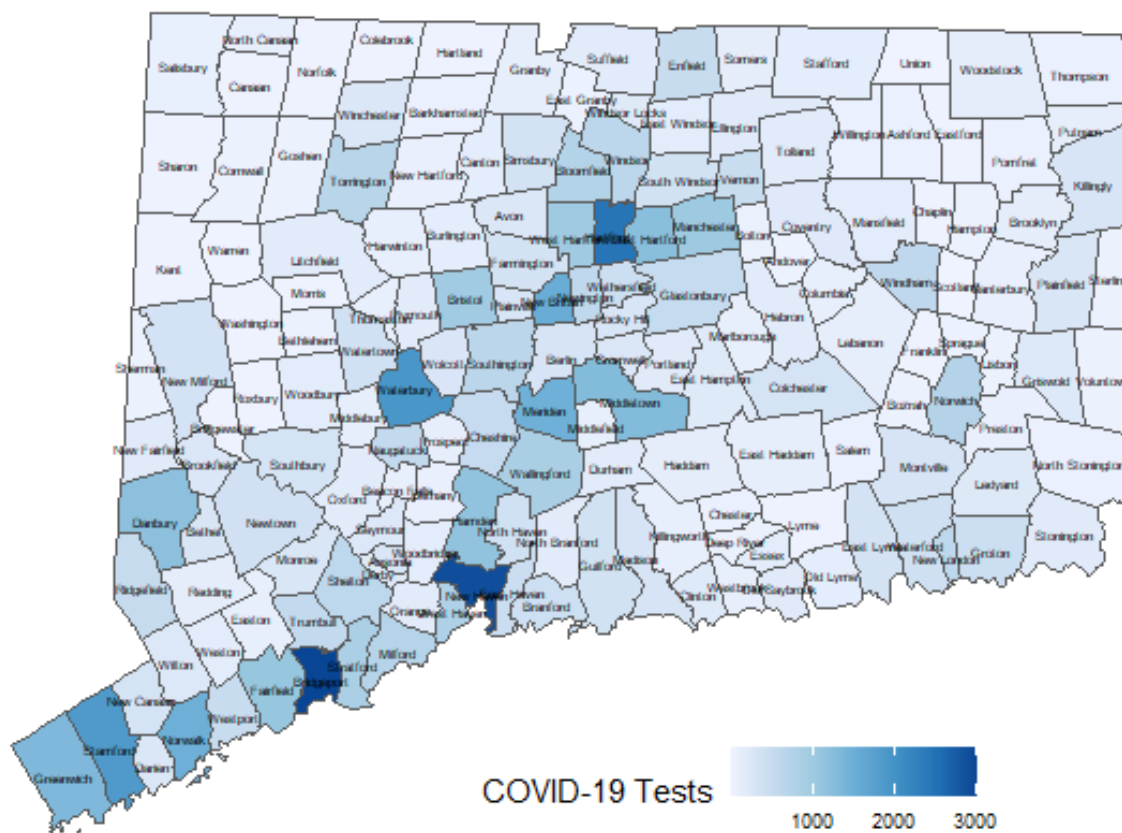
Table does not include 9 cases pending address validation. Rate is cases per 100,000 population.

Town	Pop.	Cases	Rate	Town	Pop.	Cases	Rate	Town	Pop.	Cases	Rate
Andover	3231	0	0	Groton	38692	<5	8	Redding	9125	<5	33
Ansonia	18721	0	0	Guilford	22216	<5	5	Ridgefield	25008	<5	4
Ashford	4261	0	0	Haddam	8222	0	0	Rocky Hill	20145	<5	5
Avon	18302	<5	11	Hamden	60940	5	8	Roxbury	2160	0	0
Barkhamsted	3624	0	0	Hampton	1853	0	0	Salem	4123	<5	24
Beacon Falls	6182	0	0	Hartford	122587	15	12	Salisbury	3598	<5	28
Berlin	20432	<5	10	Hartland	2120	0	0	Scotland	1685	0	0
Bethany	5479	0	0	Harwinton	5430	0	0	Seymour	16509	<5	12
Bethel	19714	<5	10	Hebron	9482	<5	11	Sharon	2703	0	0
Bethlehem	3422	0	0	Kent	2785	0	0	Shelton	41097	8	19
Bloomfield	21301	<5	14	Killingly	17287	<5	23	Sherman	3614	0	0
Bolton	4890	0	0	Killingworth	6370	0	0	Simsbury	24979	<5	8
Bozrah	2537	0	0	Lebanon	7207	0	0	Somers	10834	<5	18
Branford	28005	<5	4	Ledyard	14736	0	0	South Windsor	26054	<5	4
Bridgeport	144900	57	39	Lisbon	4248	0	0	Southbury	19656	<5	5
Bridgewater	1641	0	0	Litchfield	8127	<5	12	Southington	43807	<5	5
Bristol	60032	<5	5	Lyme	2338	0	0	Sprague	2889	0	0
Brookfield	17002	<5	6	Madison	18106	0	0	Stafford	11884	<5	8
Brooklyn	8280	<5	12	Manchester	57699	6	10	Stamford	129775	18	14
Burlington	9665	<5	10	Mansfield	25817	<5	4	Sterling	3780	0	0
Canaan	1055	0	0	Marlborough	6358	0	0	Stonington	18449	0	0
Canterbury	5100	<5	39	Meriden	59540	19	32	Stratford	51967	<5	8
Canton	10270	0	0	Middlebury	7731	<5	13	Suffield	15743	0	0
Chaplin	2256	0	0	Middlefield	4380	<5	23	Thomaston	7560	0	0
Cheshire	29179	<5	3	Middletown	46146	6	13	Thompson	9395	<5	11
Chester	4229	0	0	Milford	54661	6	11	Tolland	14655	0	0
Clinton	12950	<5	8	Monroe	19470	<5	15	Torrington	34228	<5	9
Colchester	15936	0	0	Montville	18716	<5	11	Trumbull	35802	9	25
Colebrook	1405	0	0	Morris	2262	0	0	Union	840	0	0
Columbia	5385	0	0	Naugatuck	31288	<5	3	Vernon	29303	<5	3
Cornwall	1368	0	0	New Britain	72453	16	22	Voluntown	2535	0	0
Coventry	12414	<5	8	New Canaan	20213	<5	5	Wallingford	44535	6	13
Cromwell	13905	<5	7	New Fairfield	13877	<5	7	Warren	1399	0	0
Danbury	84730	17	20	New Hartford	6685	0	0	Washington	3434	<5	29
Darien	21753	<5	14	New Haven	130418	21	16	Waterbury	108093	24	22
Deep River	4463	<5	22	New London	26939	6	22	Waterford	18887	<5	5
Derby	12515	0	0	New Milford	26974	<5	4	Watertown	21641	<5	9
Durham	7195	0	0	Newington	30112	<5	7	West Hartford	62939	<5	6
East Granby	5147	0	0	Newtown	27774	<5	4	West Haven	54879	<5	7
East Haddam	8988	0	0	Norfolk	1640	0	0	Westbrook	6914	0	0
East Hampton	12854	<5	8	North Branford	14158	0	0	Weston	10247	0	0
East Hartford	49998	7	14	North Canaan	3254	<5	31	Westport	28115	<5	7
East Haven	28699	<5	3	North Haven	23691	<5	8	Wethersfield	26082	5	19
East Lyme	18645	0	0	North Stonington	5243	0	0	Willington	5887	0	0
East Windsor	11375	<5	35	Norwalk	89047	<5	3	Wilton	18397	0	0
Eastford	1790	<5	56	Norwich	39136	6	15	Winchester	10655	<5	9
Easton	7517	0	0	Old Lyme	7366	0	0	Windham	24706	<5	12
Ellington	16299	0	0	Old Saybrook	10087	<5	10	Windsor	28760	<5	7
Enfield	44466	<5	4	Orange	13949	<5	7	Windsor Locks	12876	0	0
Essex	6674	0	0	Oxford	13226	0	0	Wolcott	16649	0	0
Fairfield	61952	9	15	Plainfield	15173	<5	13	Woodbridge	8805	<5	23
Farmington	25506	<5	4	Plainville	17623	0	0	Woodbury	9537	<5	10
Franklin	1933	<5	103	Plymouth	11645	0	0	Woodstock	7862	<5	51
Glastonbury	34491	<5	6	Pomfret	4204	<5	48				
Goshen	2879	0	0	Portland	9305	<5	21				
Granby	11375	<5	9	Preston	4638	<5	86				
Greenwich	62727	17	27	Prospect	9790	<5	10				
Griswold	11591	0	0	Putnam	9395	0	0				

COVID-19 PCR Tests during July 26–August 1, 2020

Among 70,230 PCR tests for COVID-19 with specimen collection date during July 26–August 1st, 64,556 (92%) tests were conducted among people who did not reside in congregate settings (including nursing homes, assisted living, and correctional facilities). Of these 64,556 tests, 575 (1%) were positive. The map below shows the number of PCR COVID-19 tests by town with specimen collection date during July 26–August 1st that were conducted among community residents.

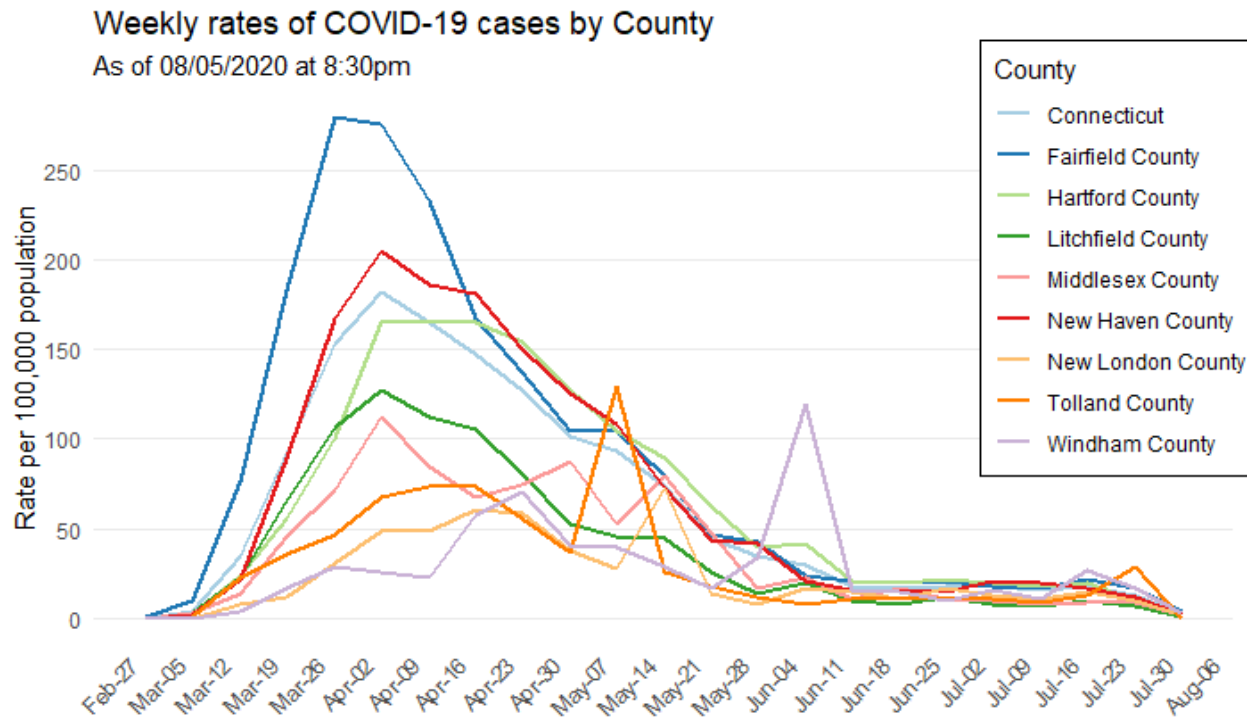
Number of PCR Tests for COVID-19 by Town among Persons Living in Community Settings with Specimen Collection Date During July 26–August 1, 2020



Map does not include 2982 tests pending address validation.

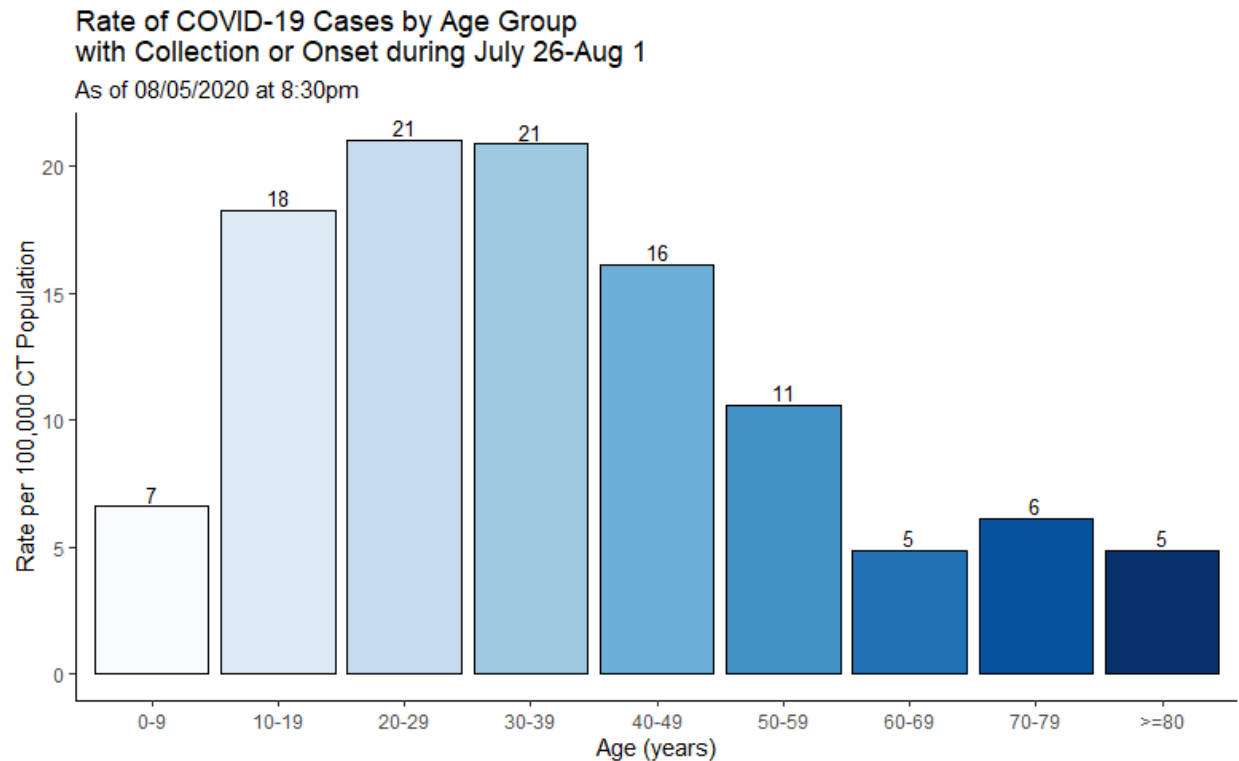
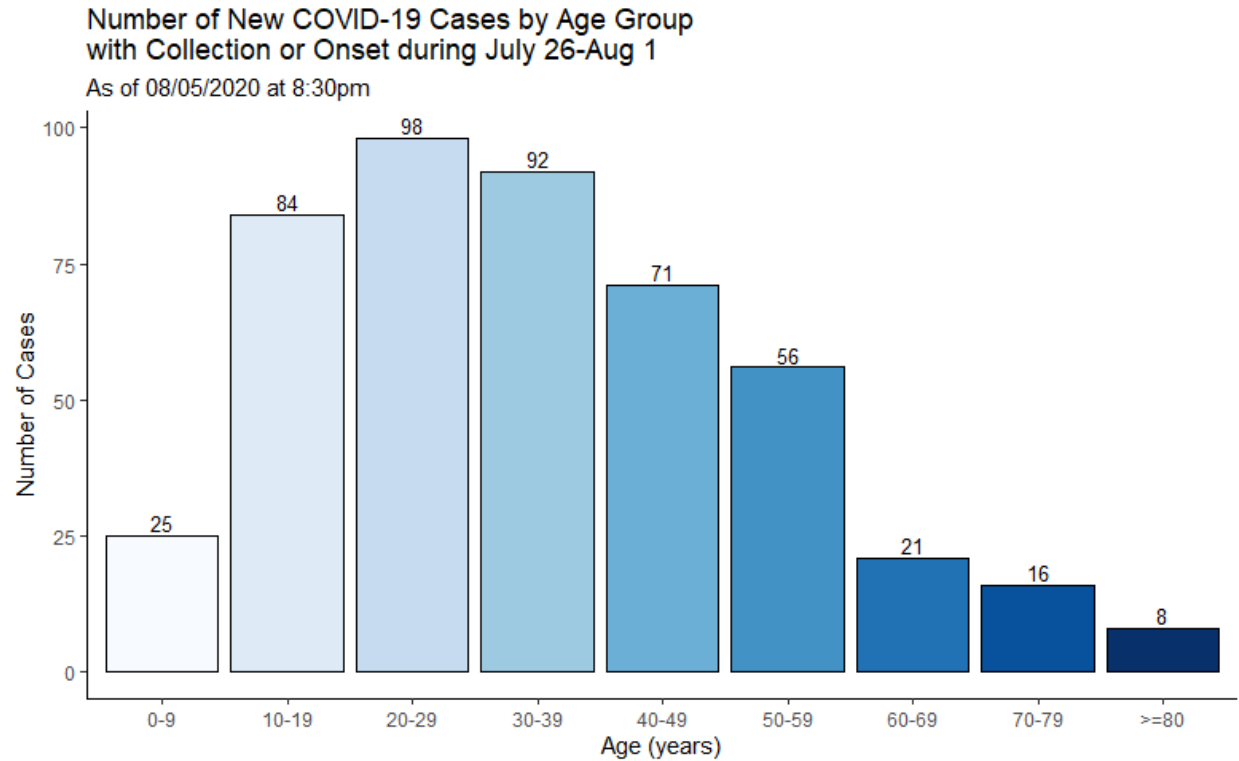
Weekly Incidence by County

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.

Age Distribution of COVID-19 Cases with Specimen Collection or Onset During July 26–August 1, 2020

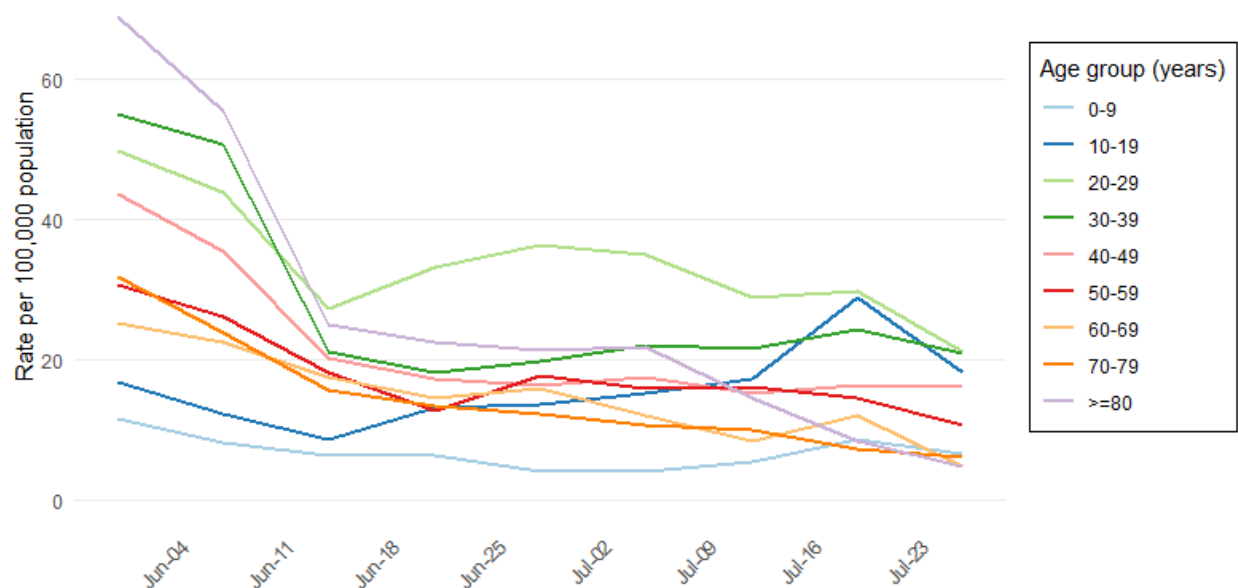


Weekly Incidence by Age Group

The chart below shows the number of new COVID-19 cases per week per 100,000 population by age group during May 31–August 1, 2020. 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.

Weekly rates of COVID-19 cases by age group

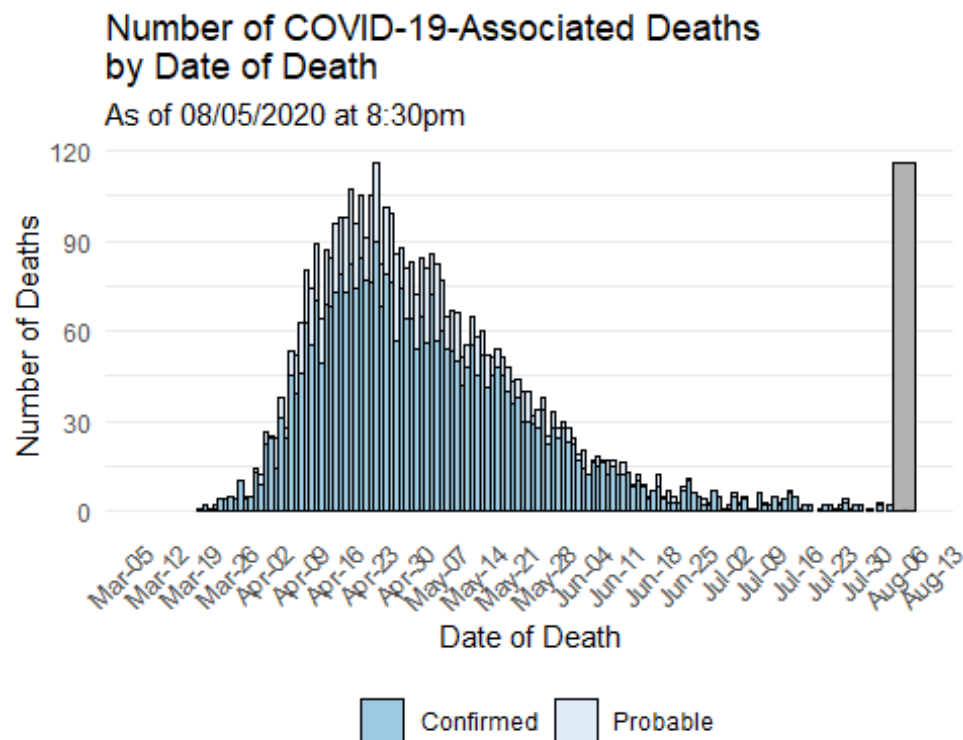
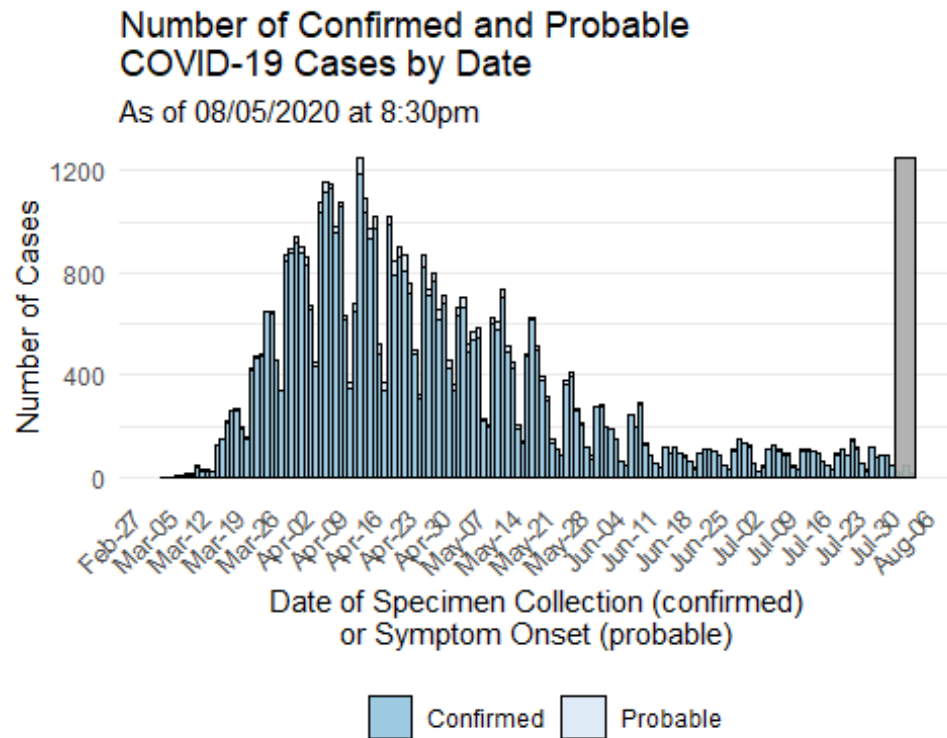
As of 8/5/2020 at 8:30 PM



Notes: Incidence rates are based on weekly cases divided by the estimated annual population and multiplied by 100,000. Cases missing data on age 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.

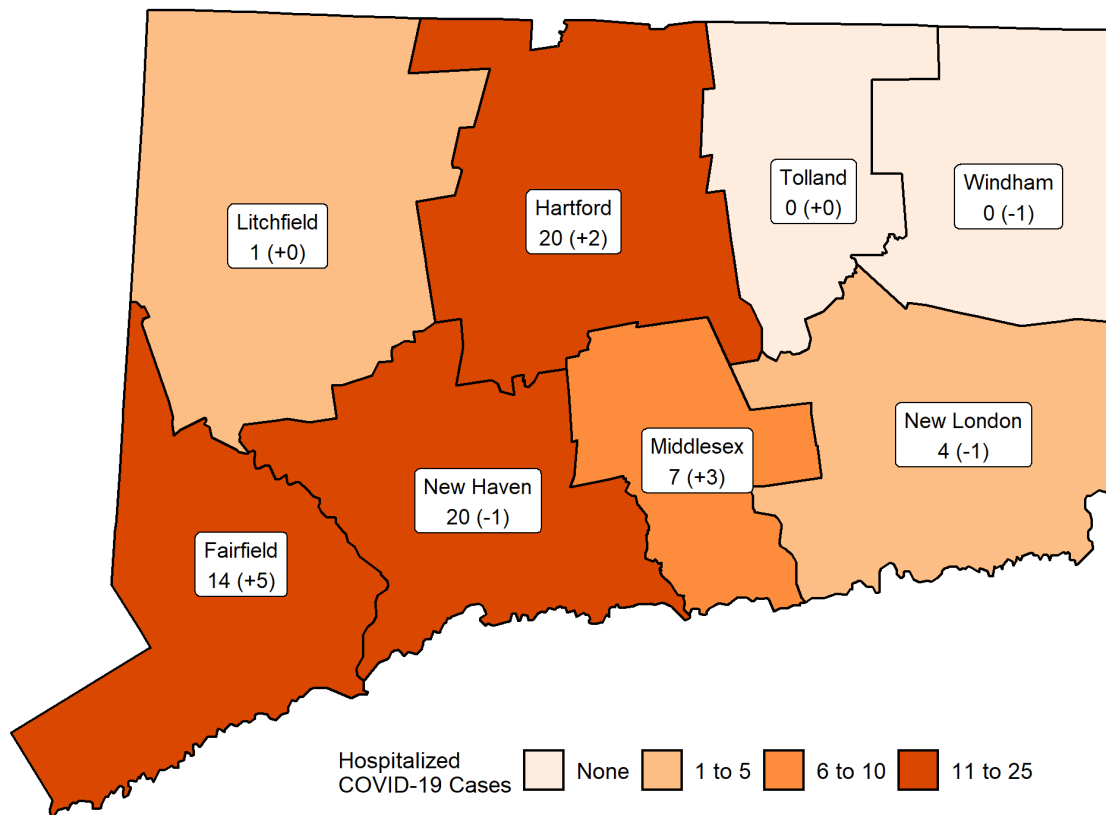


Hospitalization Surveillance

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

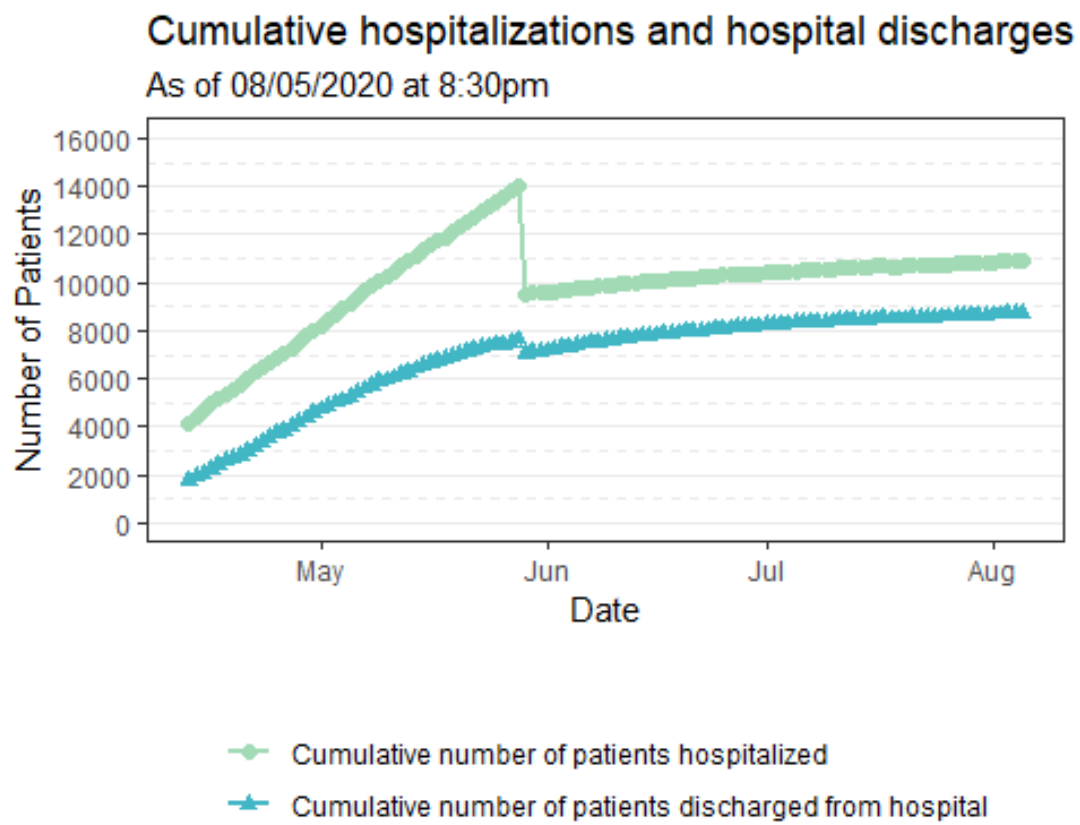
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



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

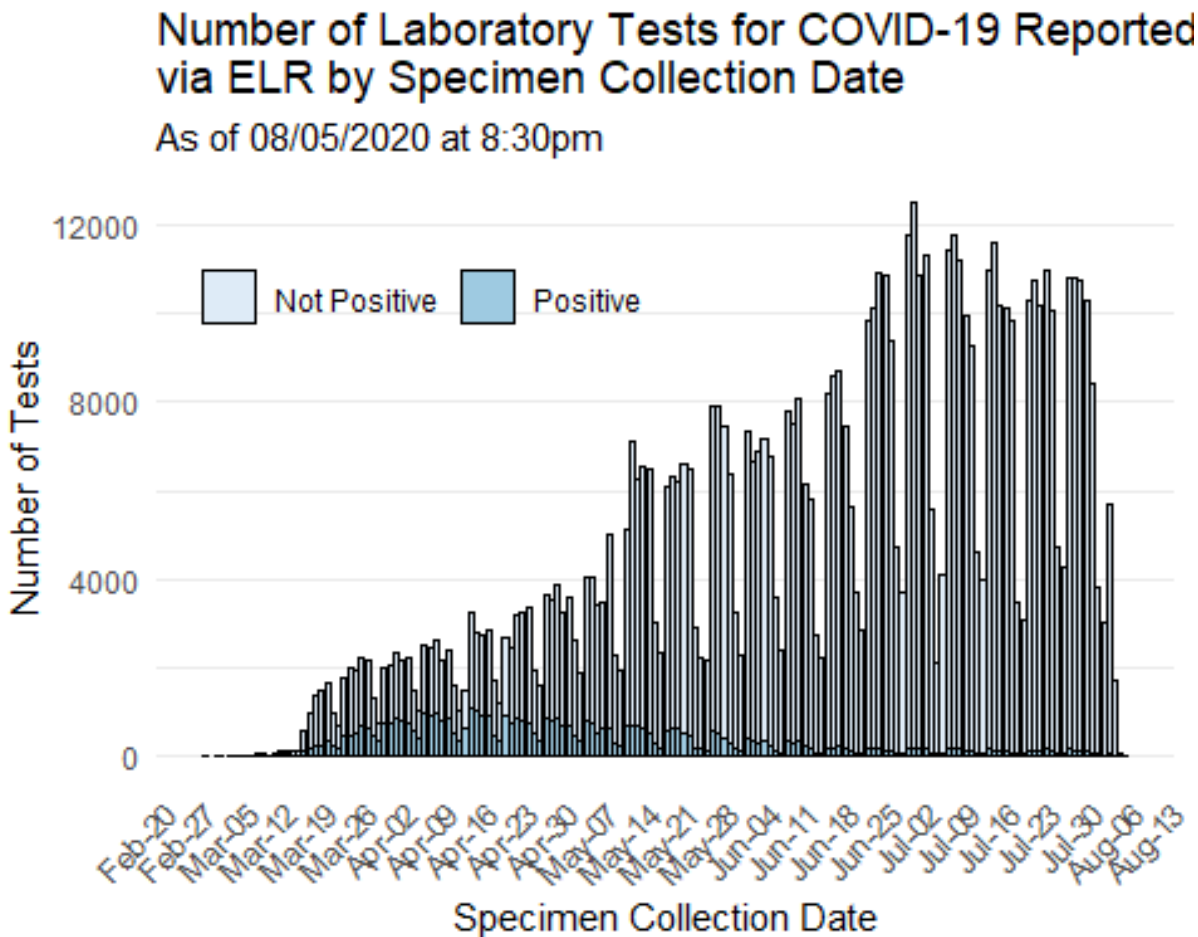
Cumulative hospitalizations and cumulative hospital discharges for COVID-19

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, **10920** patients have been hospitalized with laboratory-confirmed COVID-19 in Connecticut and **8721** patients hospitalized with laboratory-confirmed have been discharged.



Laboratory Surveillance

To date, DPH has received reports on a total of 855126 COVID-19 laboratory tests; of these 732882 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.

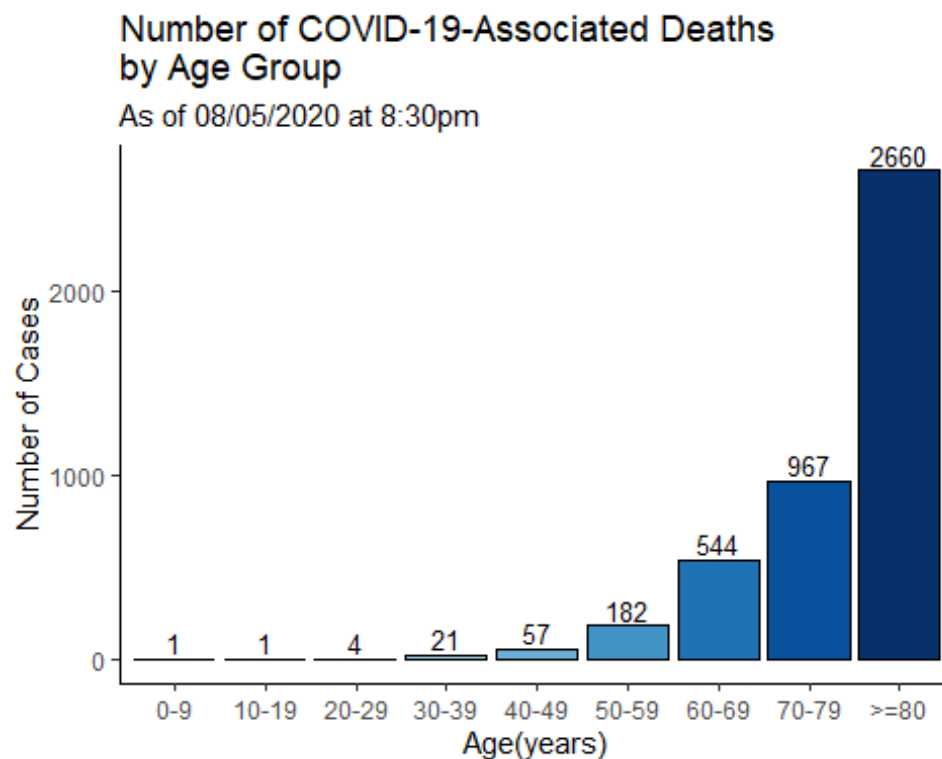
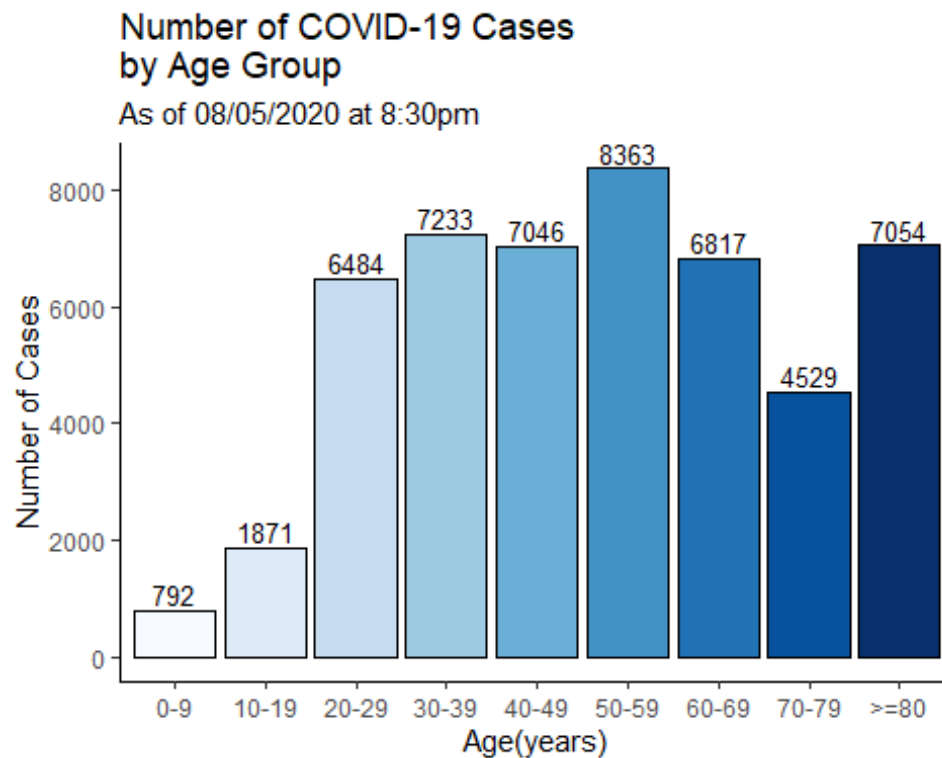


Testing of specimens collected since July 30 is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

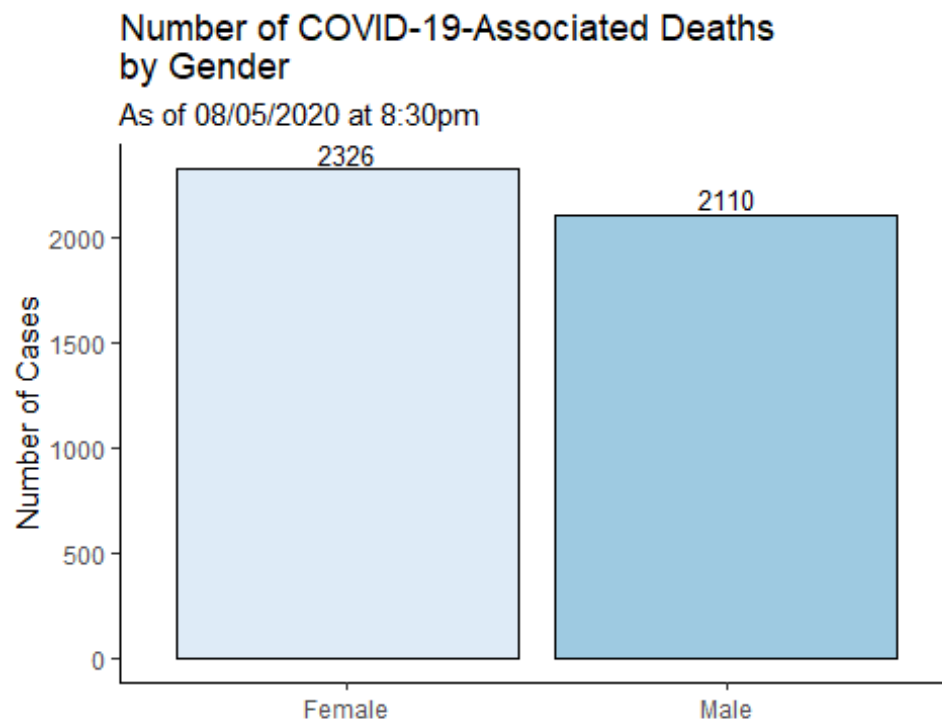
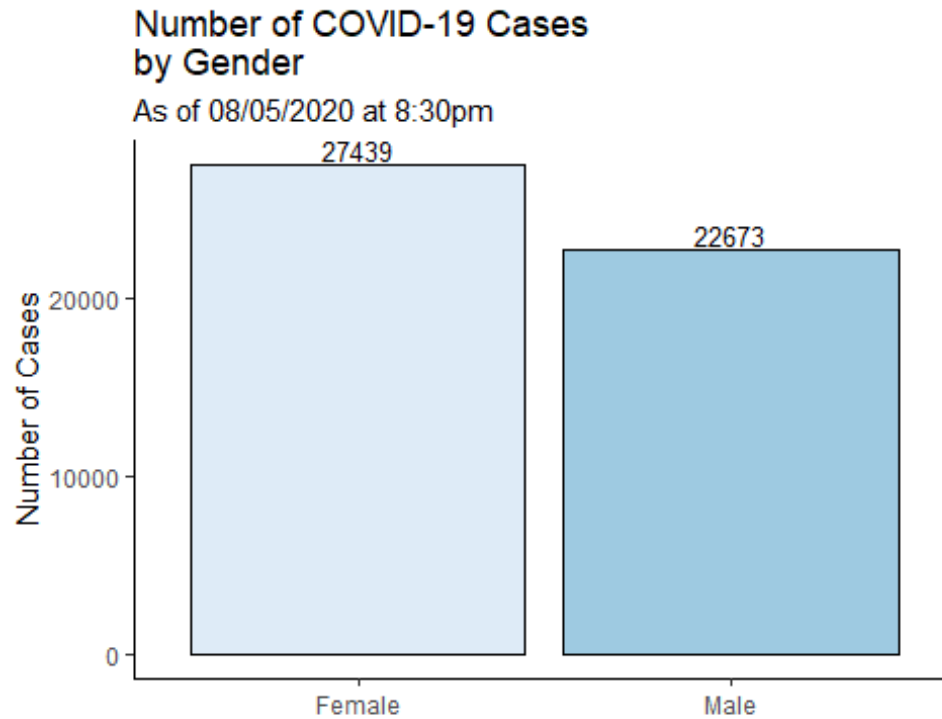
ELR = Electronic Laboratory Reporting

Characteristics of COVID-19 Cases and Associated Deaths

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

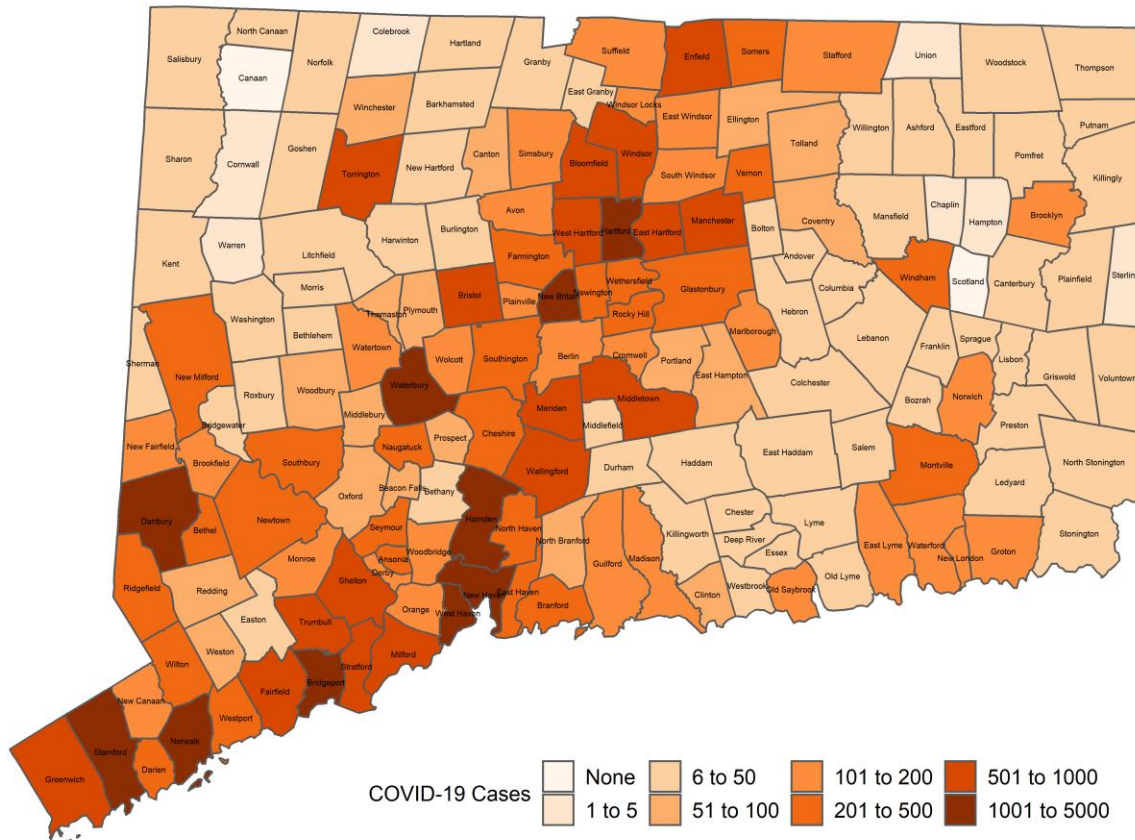


Counts may not add up to total case count because demographic data may be missing.



Cumulative Number of COVID-19 Cases by Town

Map does not include 224 cases pending address validation

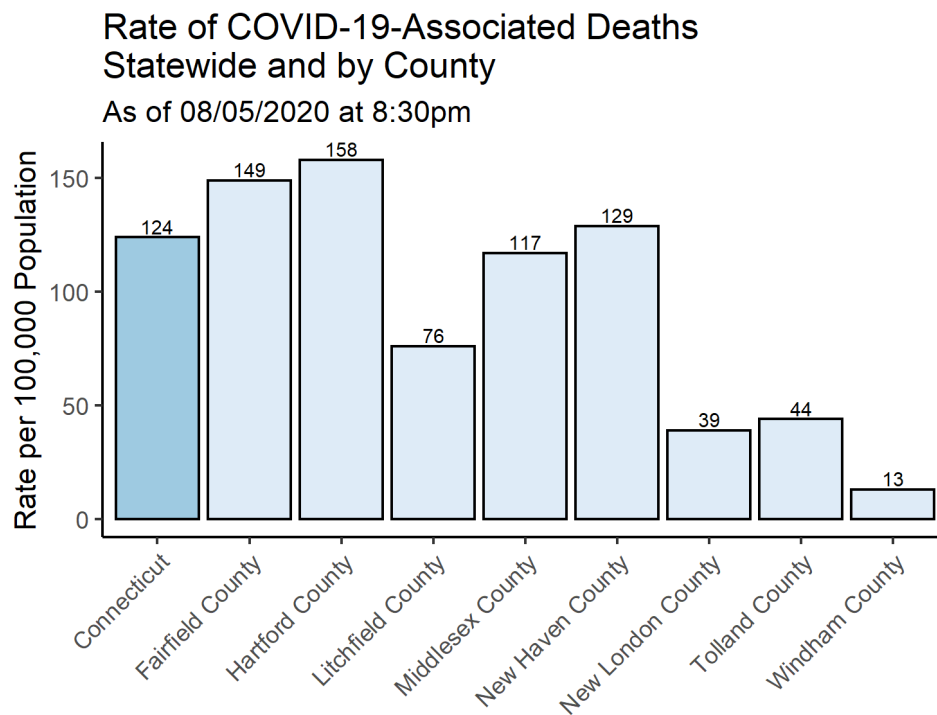
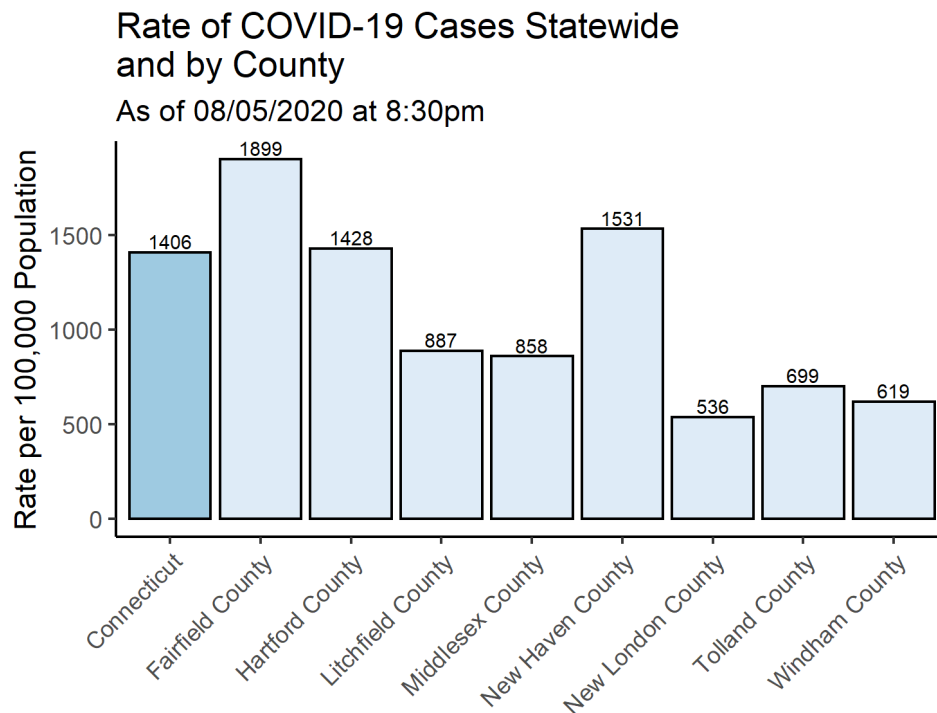


APPENDIX A. Cumulative Number of COVID-19 Cases by Town

Table does not include 224 cases pending address validation

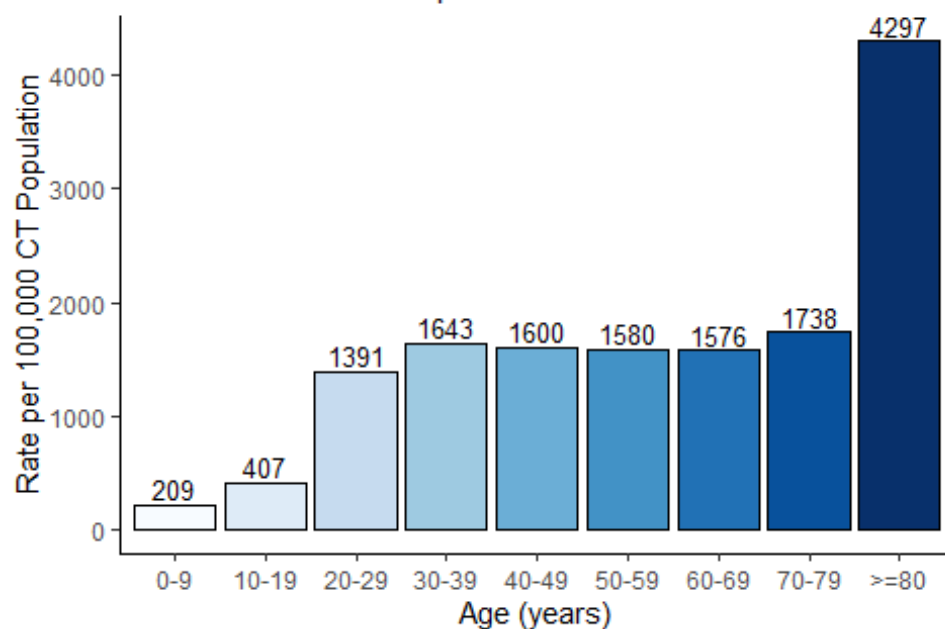
Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	9	0	Griswold	36	2	Prospect	69	0
Ansonia	291	7	Groton	141	13	Putnam	33	1
Ashford	22	1	Guilford	105	5	Redding	71	6
Avon	139	10	Haddam	34	1	Ridgefield	227	12
Barkhamsted	30	1	Hamden	1026	39	Rocky Hill	417	18
Beacon Falls	60	0	Hampton	2	0	Roxbury	6	3
Berlin	175	7	Hartford	2737	124	Salem	13	0
Bethany	39	0	Hartland	6	0	Salisbury	16	0
Bethel	269	12	Harwinton	31	3	Scotland	0	0
Bethlehem	12	1	Hebron	31	2	Seymour	233	11
Bloomfield	514	29	Kent	10	1	Sharon	14	0
Bolton	22	1	Killingly	41	3	Shelton	633	37
Bozrah	12	0	Killingworth	16	0	Sherman	15	2
Branford	350	12	Lebanon	27	0	Simsbury	125	13
Bridgeport	3811	118	Ledyard	29	0	Somers	297	20
Bridgewater	11	0	Lisbon	11	0	South Windsor	158	15
Bristol	635	18	Litchfield	47	1	Southbury	197	5
Brookfield	171	5	Lyme	6	0	Southington	347	13
Brooklyn	136	1	Madison	153	7	Sprague	6	0
Burlington	32	1	Manchester	748	59	Stafford	119	8
Canaan	0	0	Mansfield	42	2	Stamford	3360	73
Canterbury	17	1	Marlborough	98	4	Sterling	3	0
Canton	86	9	Meriden	963	35	Stonington	31	5
Chaplin	4	0	Middlebury	47	4	Stratford	861	38
Cheshire	218	8	Middlefield	19	0	Suffield	149	15
Chester	45	1	Middletown	631	25	Thomaston	62	2
Clinton	60	4	Milford	683	23	Thompson	42	1
Colchester	42	3	Monroe	132	5	Tolland	46	8
Colebrook	5	0	Montville	292	6	Torrington	560	23
Columbia	29	0	Morris	15	0	Trumbull	535	49
Cornwall	5	0	Naugatuck	413	11	Union	4	1
Coventry	50	4	New Britain	1194	53	Vernon	253	11
Cromwell	129	13	New Canaan	196	3	Voluntown	11	0
Danbury	2137	76	New Fairfield	117	3	Wallingford	507	10
Darien	228	7	New Hartford	32	0	Warren	5	0
Deep River	14	2	New Haven	2772	54	Washington	23	1
Derby	172	0	New London	188	6	Waterbury	2089	90
Durham	43	3	New Milford	298	9	Waterford	174	8
East Granby	12	0	Newington	392	21	Watertown	150	8
East Haddam	21	0	Newtown	243	14	West Hartford	732	57
East Hampton	51	4	Norfolk	13	1	West Haven	1070	38
East Hartford	908	57	North Branford	88	4	Westbrook	36	0
East Haven	417	22	North Canaan	7	1	Weston	72	3
East Lyme	153	11	North Haven	282	4	Westport	316	15
East Windsor	159	14	North Stonington	14	1	Wethersfield	264	6
Eastford	12	0	Norwalk	2077	56	Willington	16	0
Easton	35	1	Norwich	127	7	Wilton	215	26
Ellington	76	4	Old Lyme	24	0	Winchester	56	1
Enfield	660	14	Old Saybrook	112	4	Windham	307	0
Essex	48	0	Orange	132	3	Windsor	559	44
Fairfield	667	52	Oxford	84	4	Windsor Locks	127	6
Farmington	224	8	Plainfield	47	1	Wolcott	119	6
Franklin	9	0	Plainville	178	2	Woodbridge	140	7
Glastonbury	297	23	Plymouth	72	5	Woodbury	53	1
Goshen	11	1	Pomfret	18	0	Woodstock	31	0
Granby	32	1	Portland	75	4			
Greenwich	882	43	Preston	23	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](#)



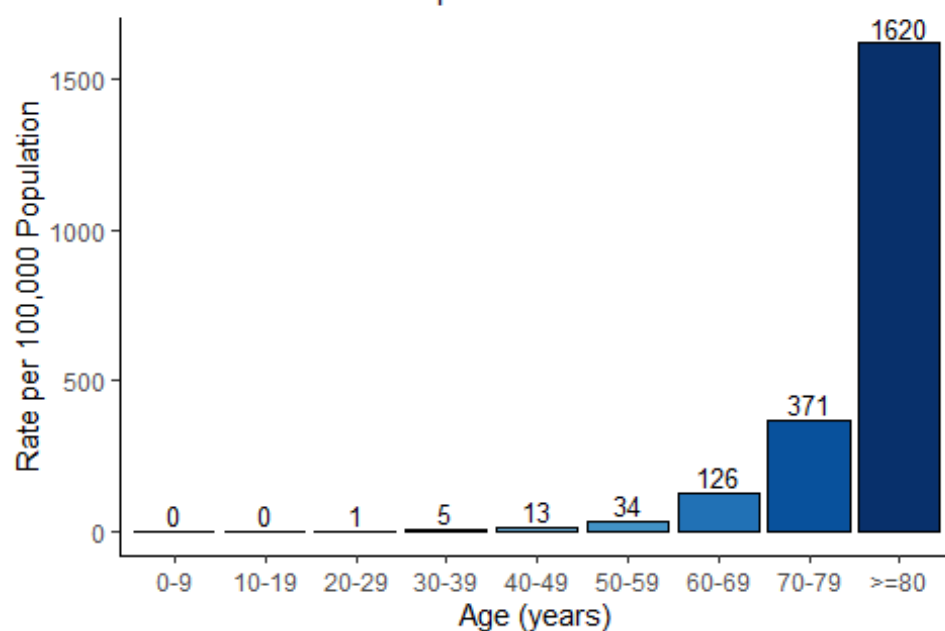
Rate of COVID-19 Cases by Age Group

As of 08/05/2020 at 8:30pm



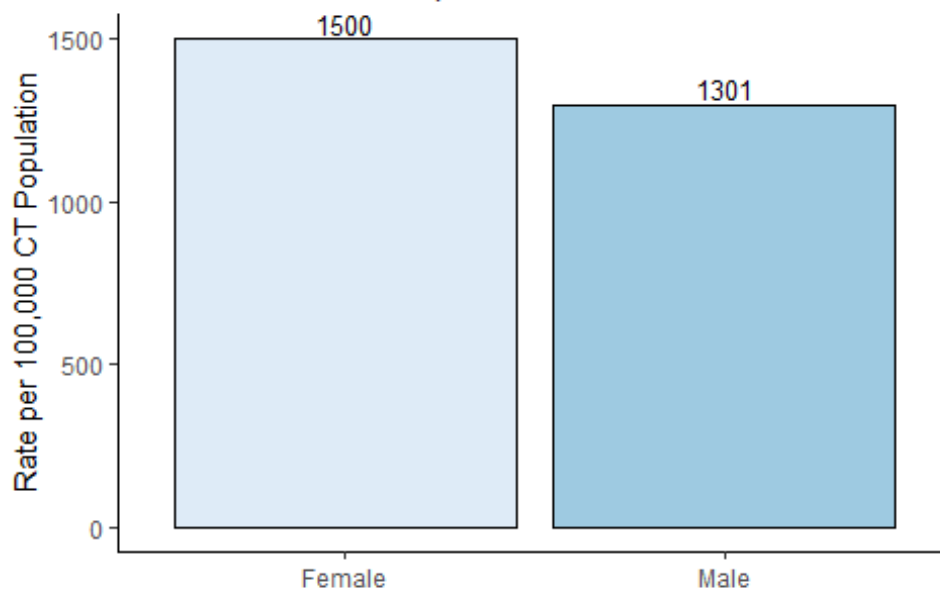
Rate of COVID-19-Associated Deaths by Age Group

As of 08/05/2020 at 8:30pm



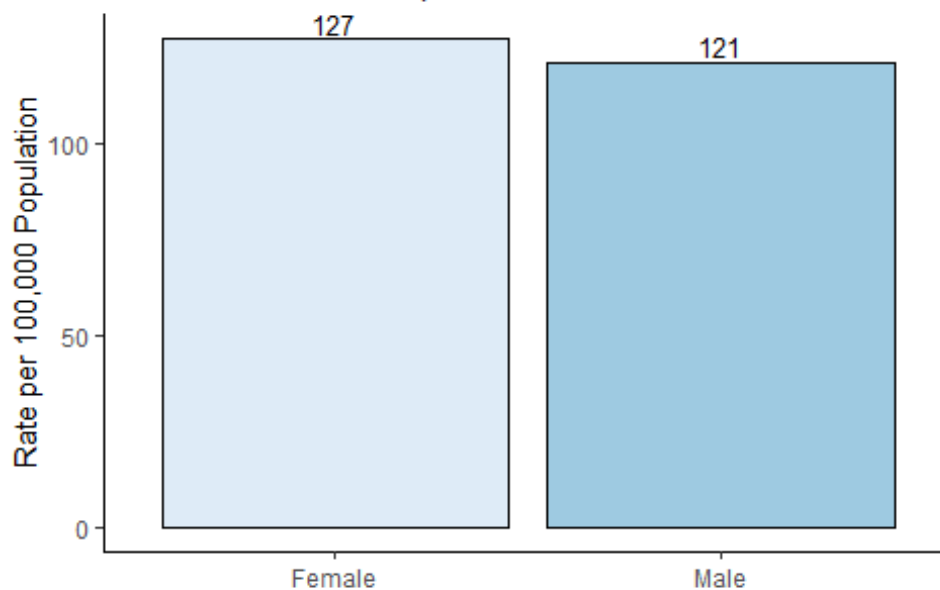
Rate of COVID-19 Cases by Gender

As of 08/05/2020 at 8:30pm

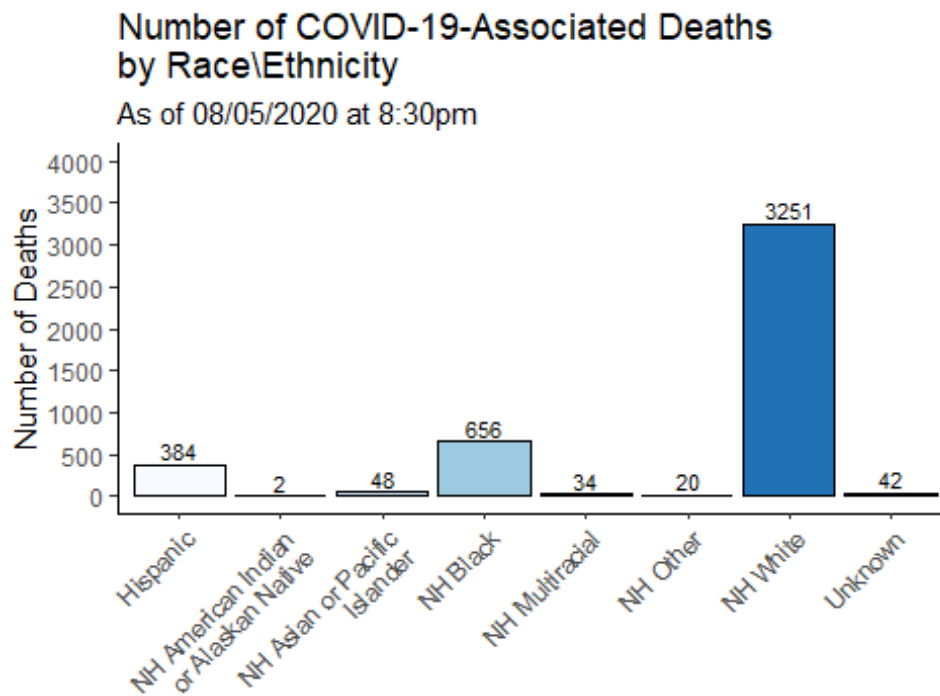
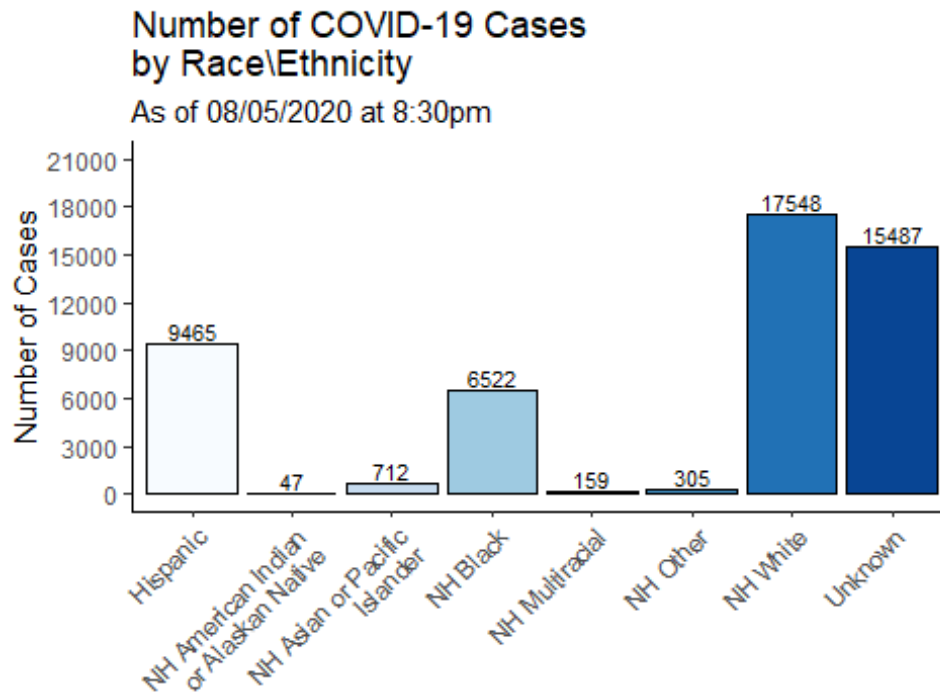


Rate of COVID-19-Associated Deaths by Gender

As of 08/05/2020 at 8:30pm

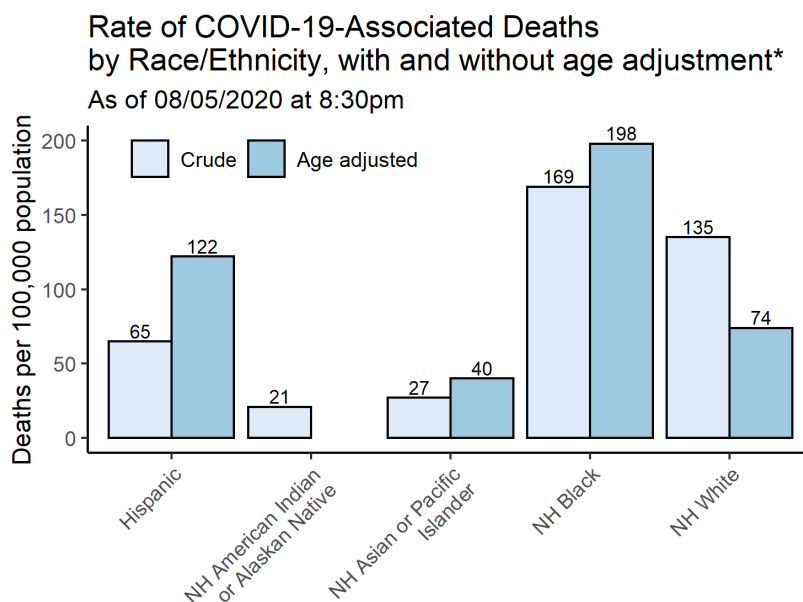
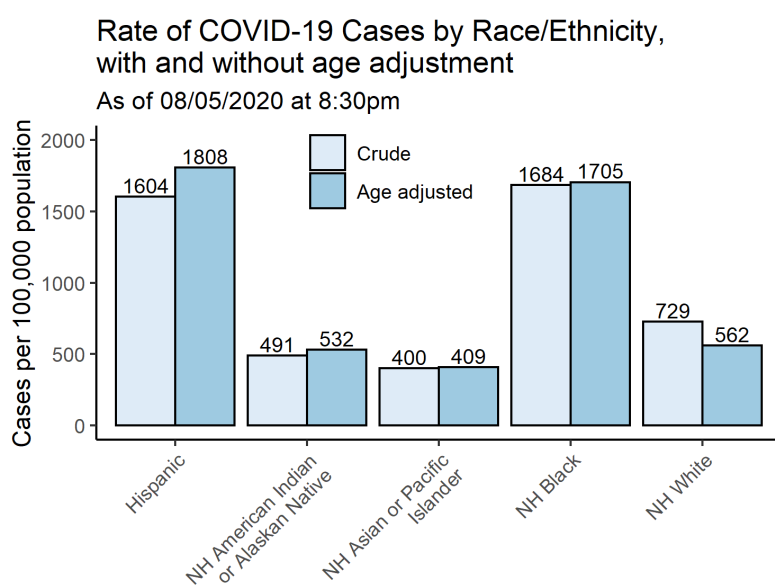


APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. Categories are mutually exclusive. The category “multiracial” includes people who answered ‘yes’ to more than one race category. NH=Non-Hispanic



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