

COVID-19 Update May 28, 2020

As of **May 27, 2020, at 8:30 PM**, a total of **41559** laboratory-confirmed and probable cases of COVID-19 have been reported among Connecticut residents. **Six hundred forty-eight** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **3826** COVID-19-associated deaths.

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 the OCME or DPH are included in the daily COVID-19 update.

*For public health surveillance, COVID-19-associated deaths include persons who tested positive for the virus that causes COVID-19 disease around the time of death (confirmed) and persons whose death certificate lists COVID-19 disease as a cause of death or a significant condition contributing to death (probable).

Overall Summary	Total	Change Since Yesterday
COVID-19 Cases	41559	+271
COVID-19-Associated Deaths	3826	+23
Patients Currently Hospitalized with COVID-19	648	-36
COVID-19 PCR Tests Reported	235525	+5756

COVID-19 Cases and Associated Deaths by County of Residence

As of 05/27/20 8:30pm. Includes patients tested at the State Public Health Laboratory, hospital, and commercial laboratories.

County	COVID-19 Cases	COVID-19-Associated Deaths
Fairfield County	15353	1246
Hartford County	10078	1208
Litchfield County	1366	128
Middlesex County	1082	144
New Haven County	11198	946
New London County	1067	83
Tolland County	822	57
Windham County	375	14
<i>Pending address validation</i>	<i>218</i>	<i>0</i>
Total	41559	3826

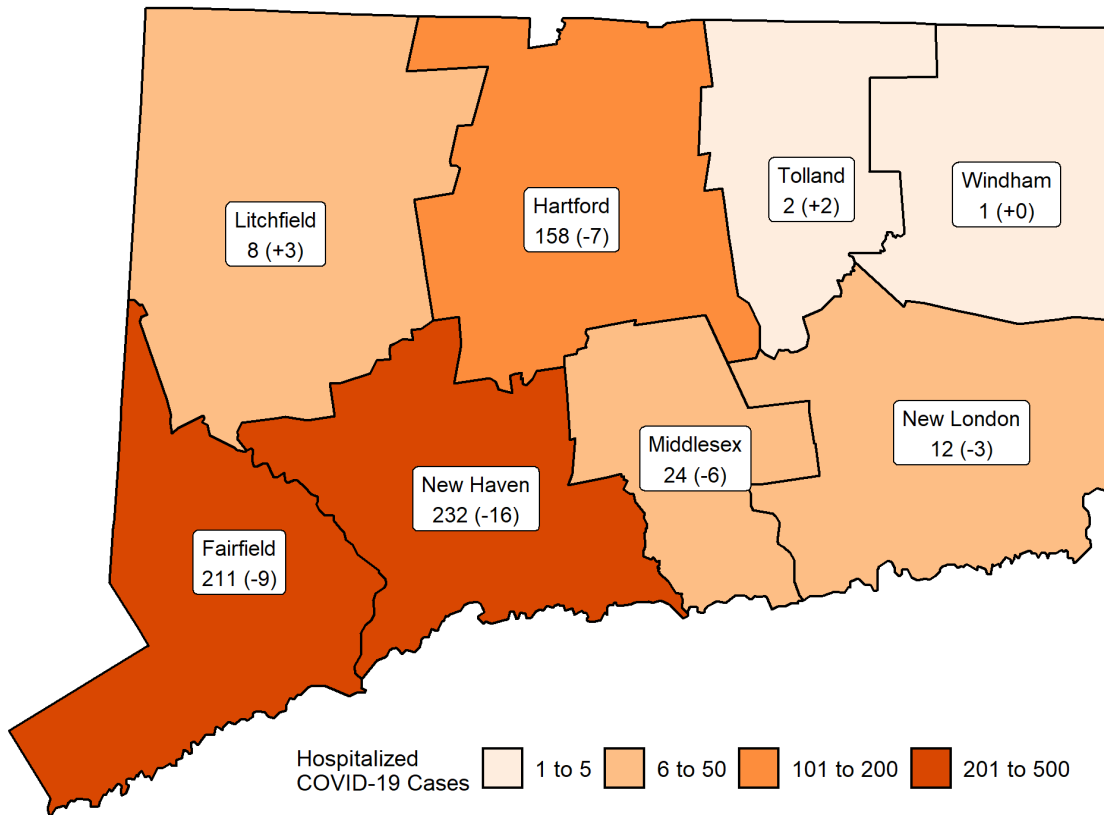
[National COVID-19 statistics](#) and information about [preventing spread of COVID-19](#) are available from the Centers for Disease Control and Prevention.

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.

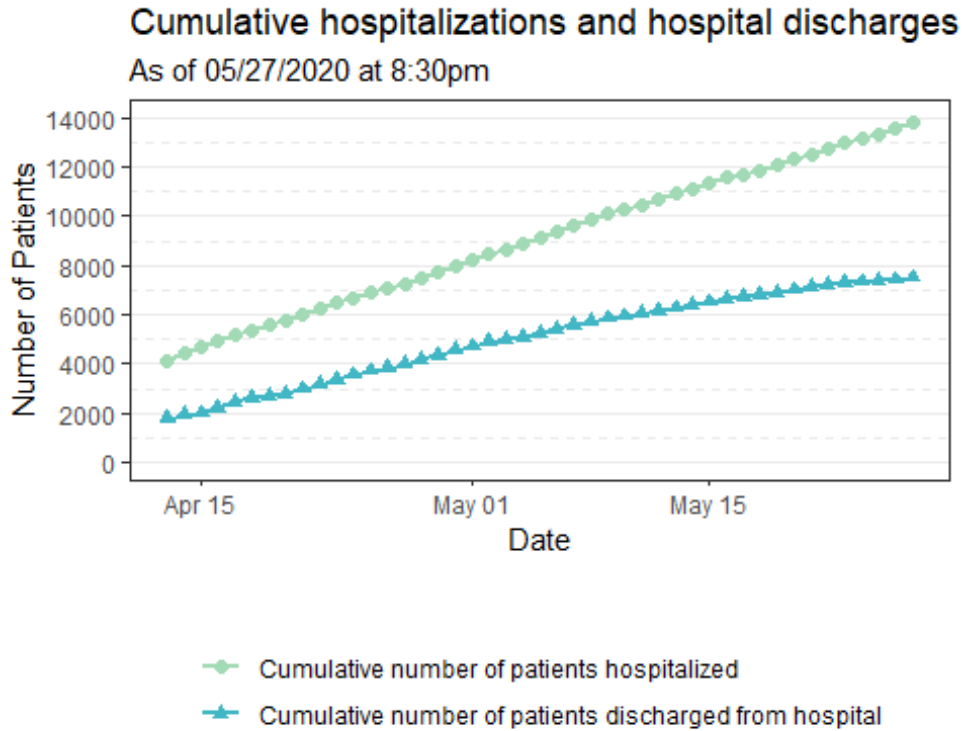
Patients Currently Hospitalized by Connecticut County

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



Cumulative hospitalizations and cumulative hospital discharges for COVID-19

The chart below shows information on cumulative hospitalizations and hospital discharges for patients with laboratory-confirmed or suspected COVID-19. Data were collected by the Connecticut Hospital Association. To date, **13793** patients have been hospitalized with laboratory-confirmed or suspected COVID-19 in Connecticut and **7511** patients hospitalized with laboratory-confirmed or suspected COVID-19 have been discharged.



Weekly hospitalizations by age group in New Haven and Middlesex Counties

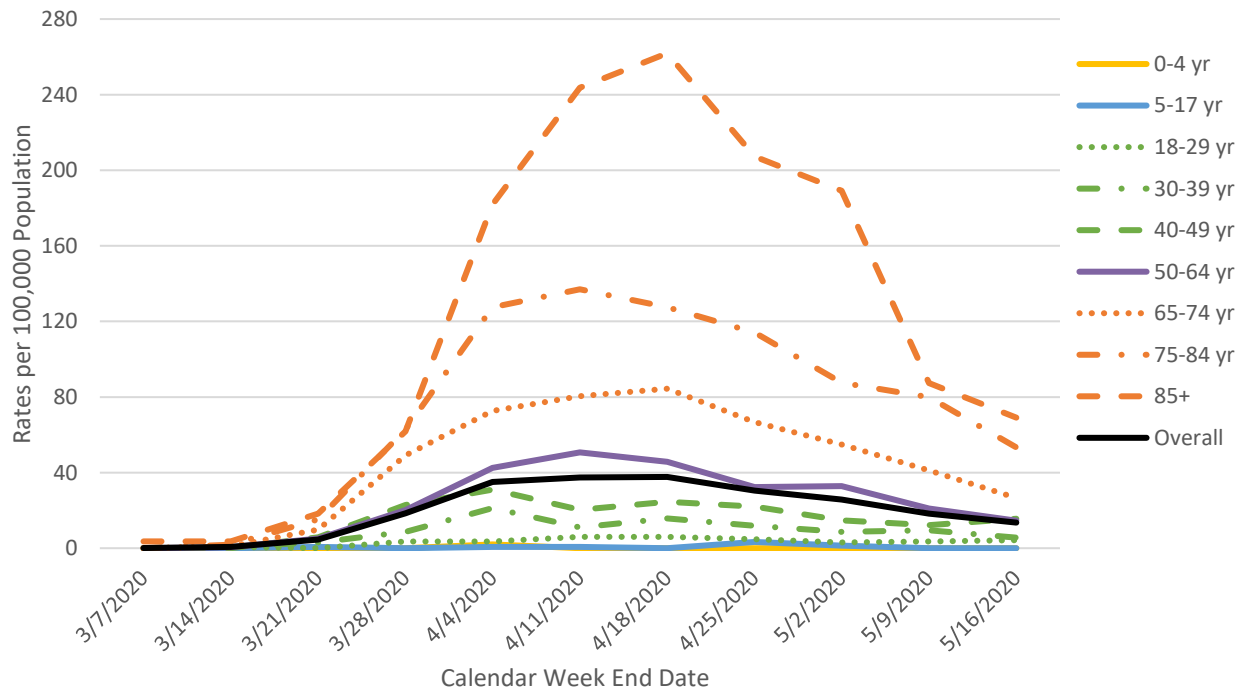
The chart below shows the weekly rate of laboratory-confirmed COVID-19-associated hospitalizations by age group for residents of New Haven and Middlesex Counties. Hospitalization rates are higher among older age groups and have decreased in most age groups for the past four weeks.

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. More information can be found on the CDC website: <https://www.cdc.gov/coronavirus/2019-ncov/covid-data/covid-net/purpose-methods.html>.

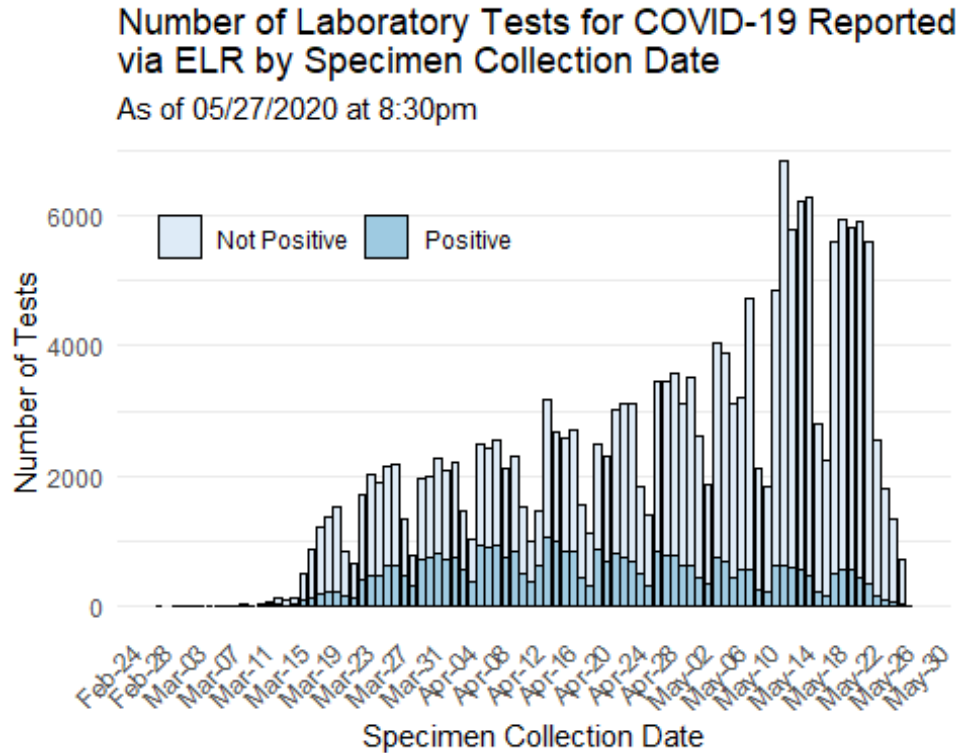
Laboratory-Confirmed COVID-19-Associated Hospitalizations by Age Group, New Haven and Middlesex Counties, Connecticut

Preliminary weekly rates as of May 16, 2020



Laboratory Surveillance

To date, DPH has received reports on a total of 235525 COVID-19 laboratory tests; of these 196279 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.

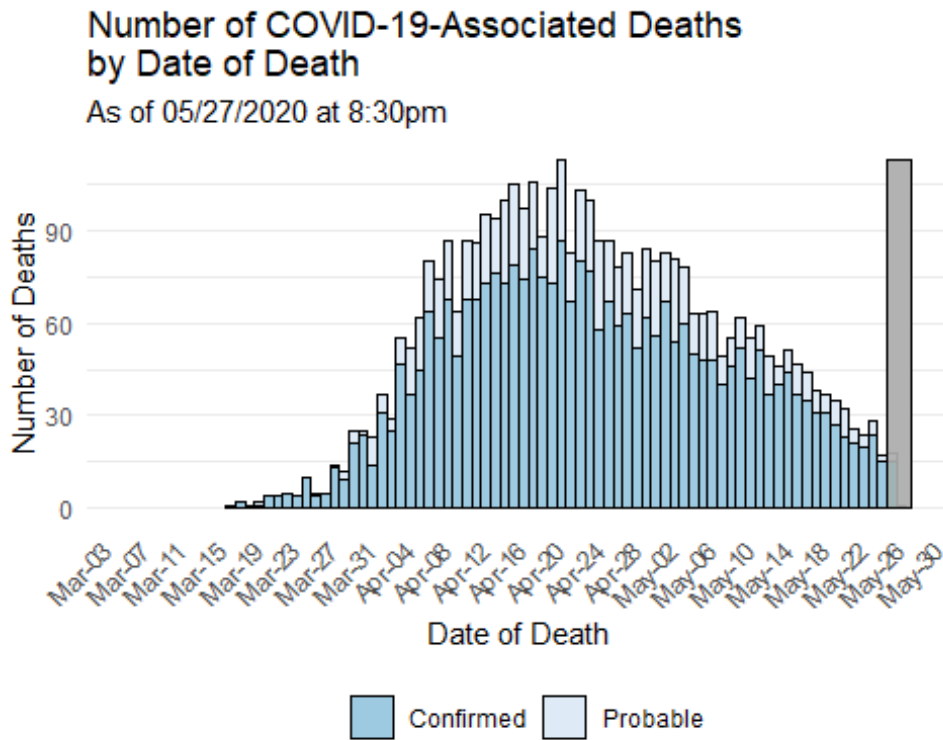
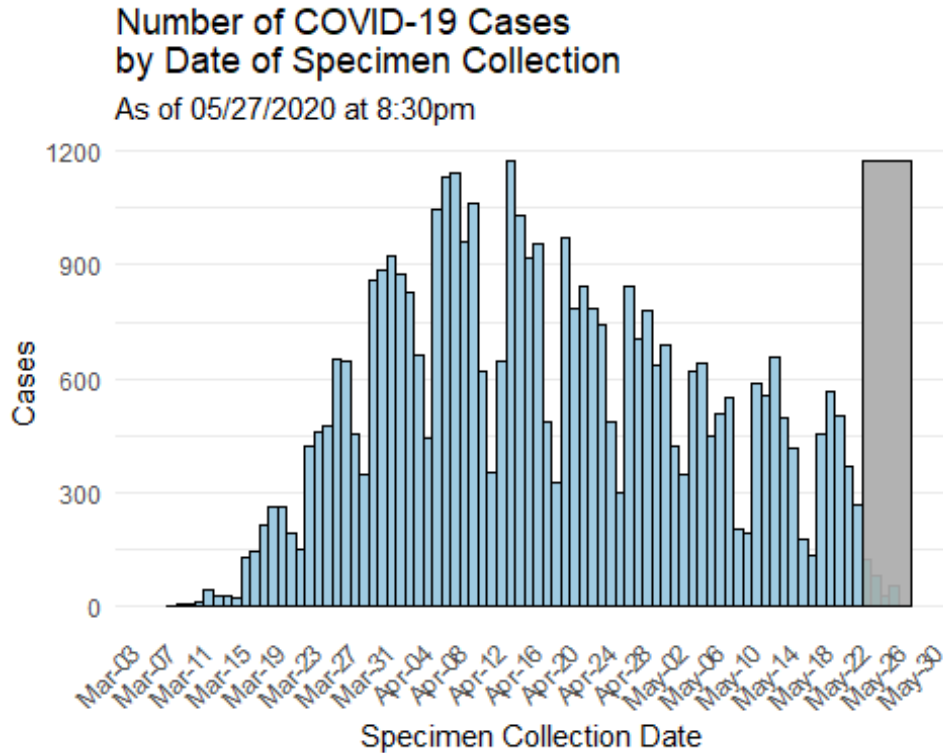


Testing of specimens collected since May 25 is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

ELR = Electronic Laboratory Reporting

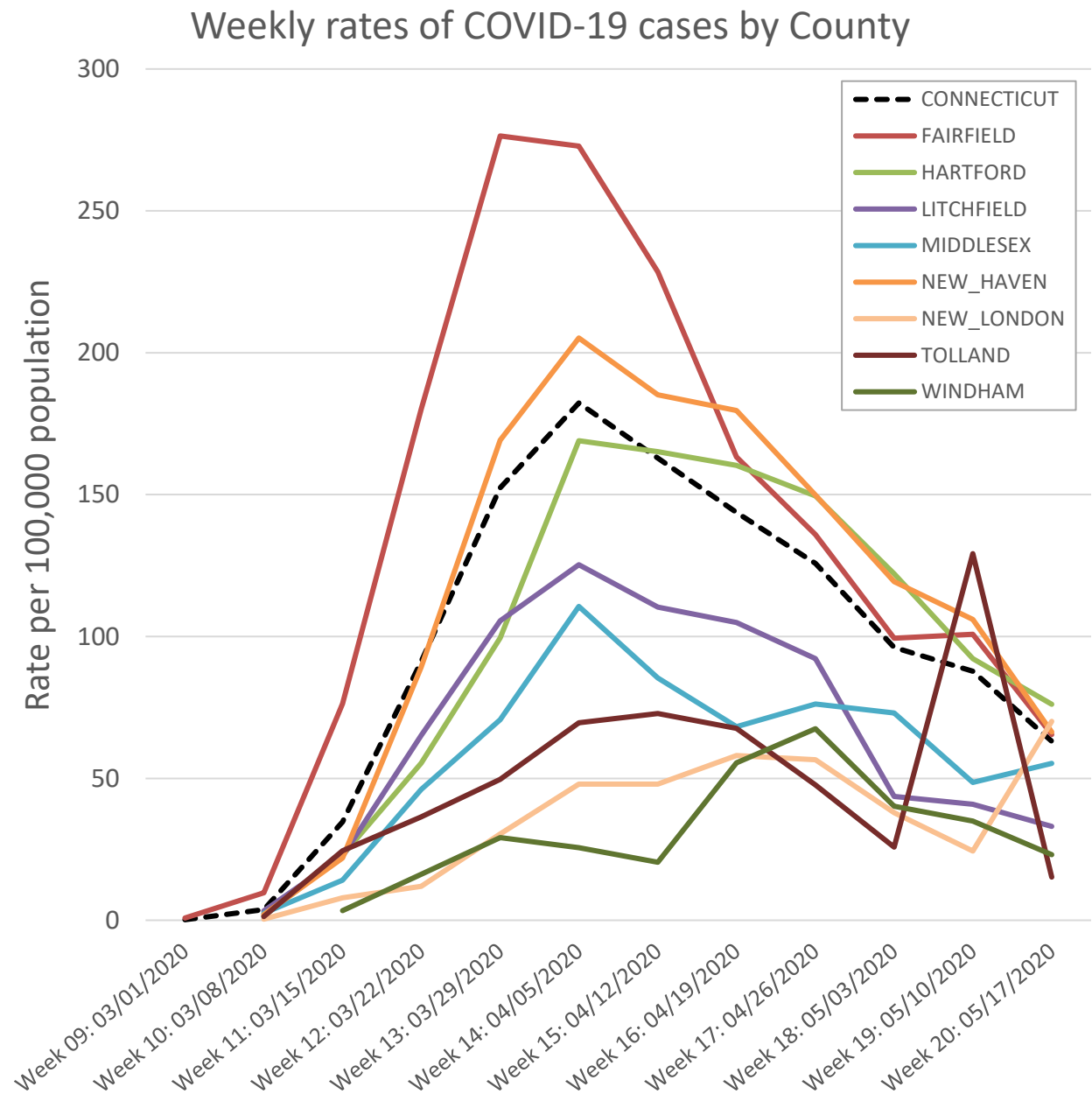
Characteristics of COVID-19 Cases and Associated Deaths

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

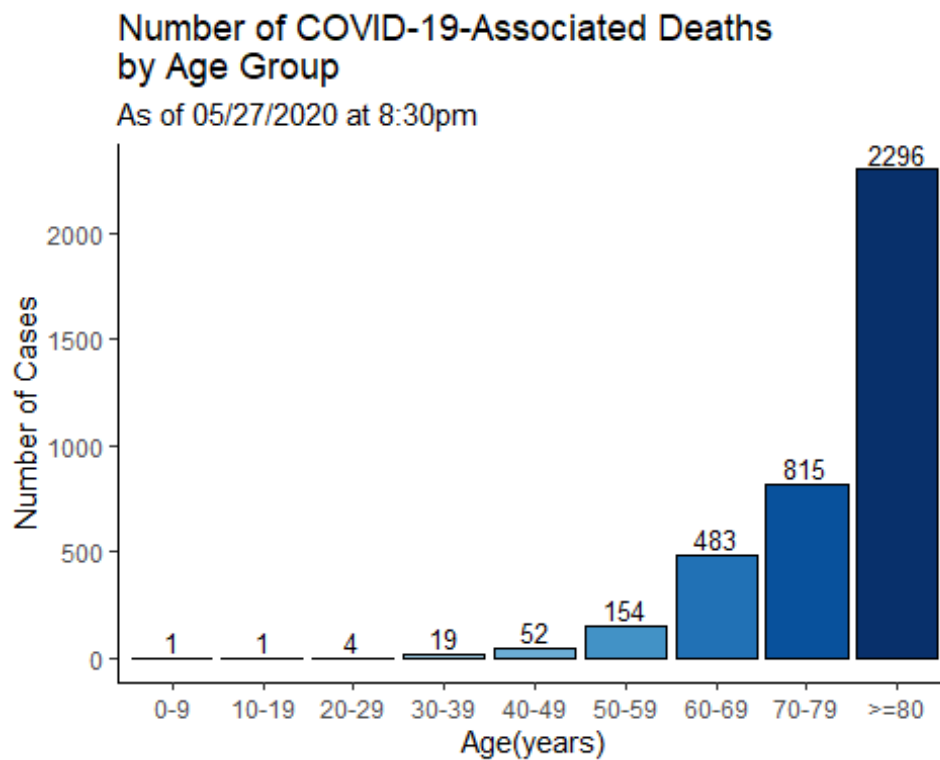
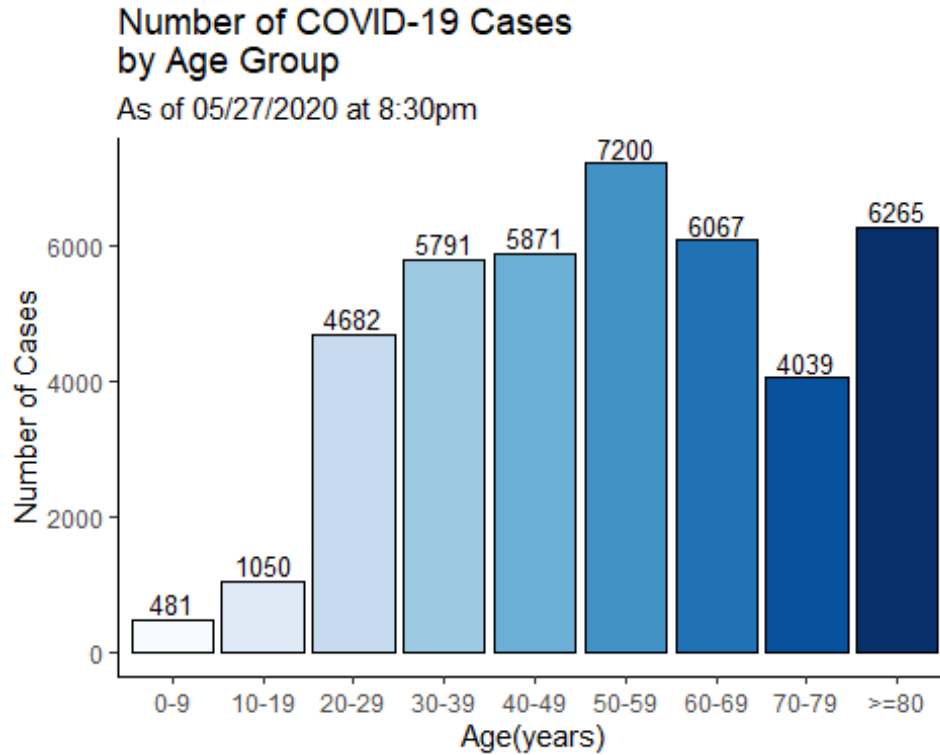
The chart below shows the number of new COVID-19 cases per week per 100,000 population in the state of Connecticut and for each Connecticut county. The rates in this chart are calculated by dividing the number of new cases diagnosed each week by the annual estimated population and then multiplying by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



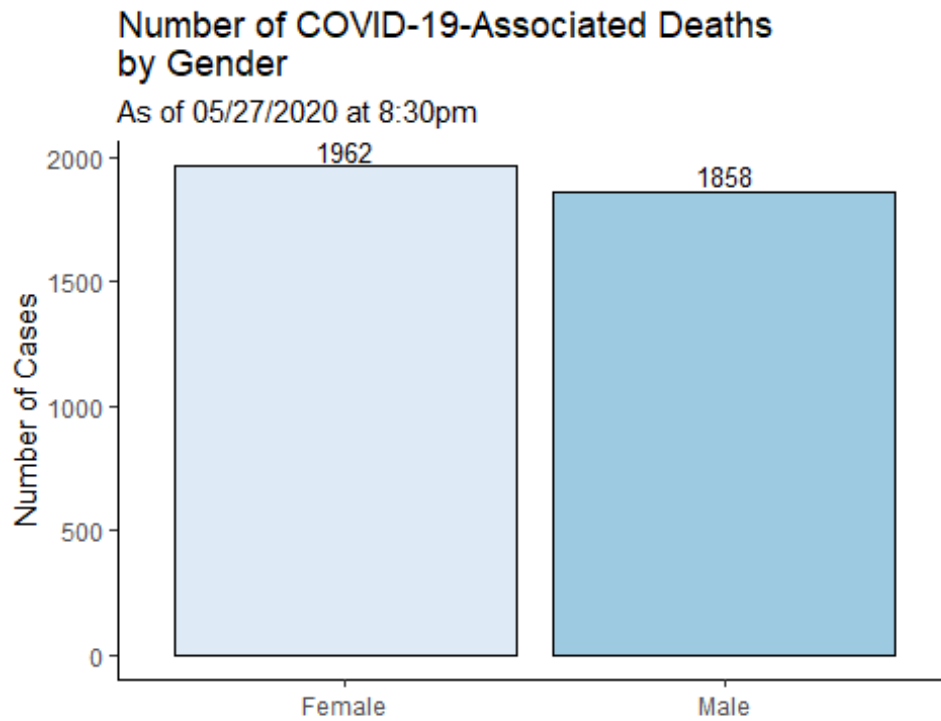
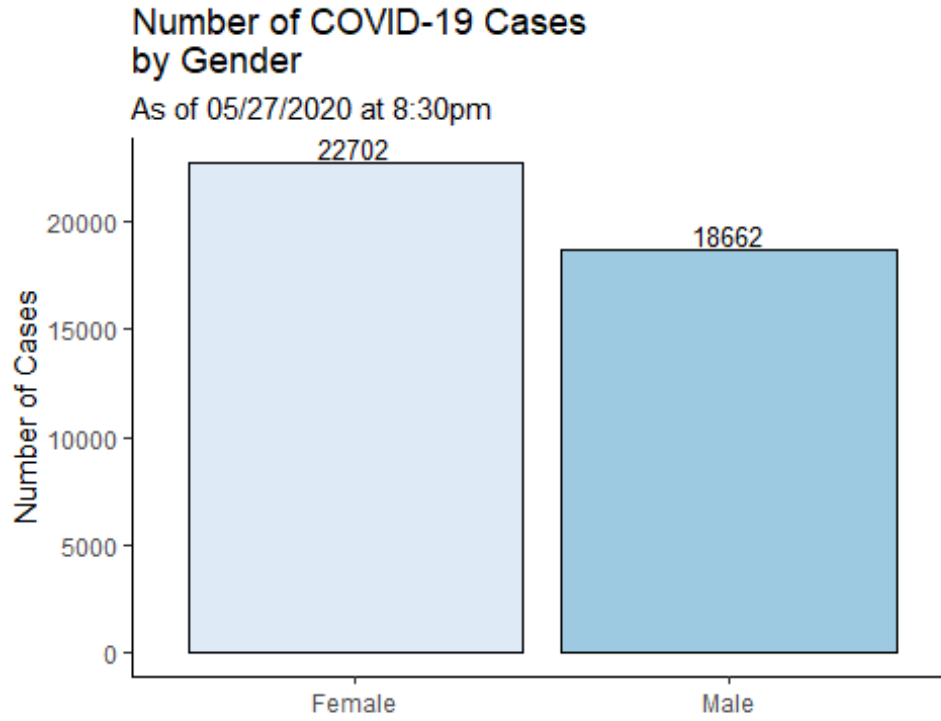
Notes:

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.

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

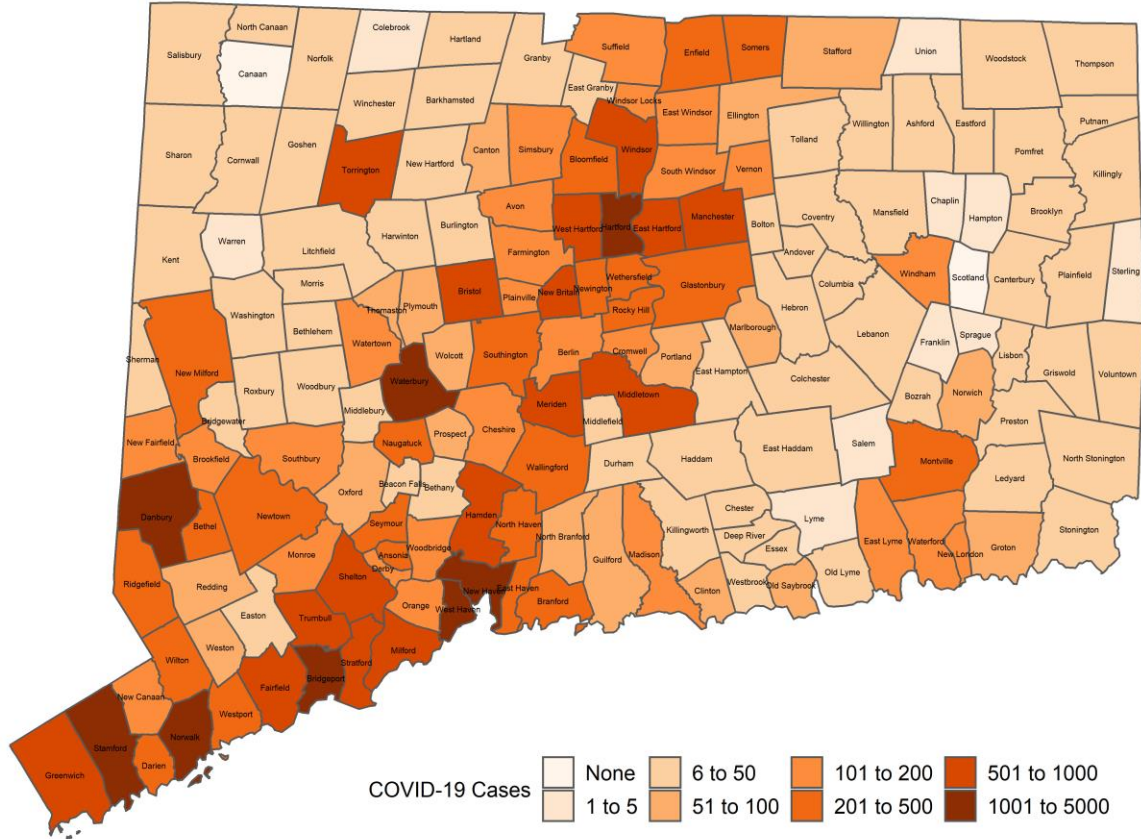


Counts may not add up to total case count because demographic data may be missing.



Connecticut Towns with Confirmed Cases of COVID-19

Map does not include 218 cases pending address validation



APPENDIX A. Towns with Confirmed Cases of COVID-19

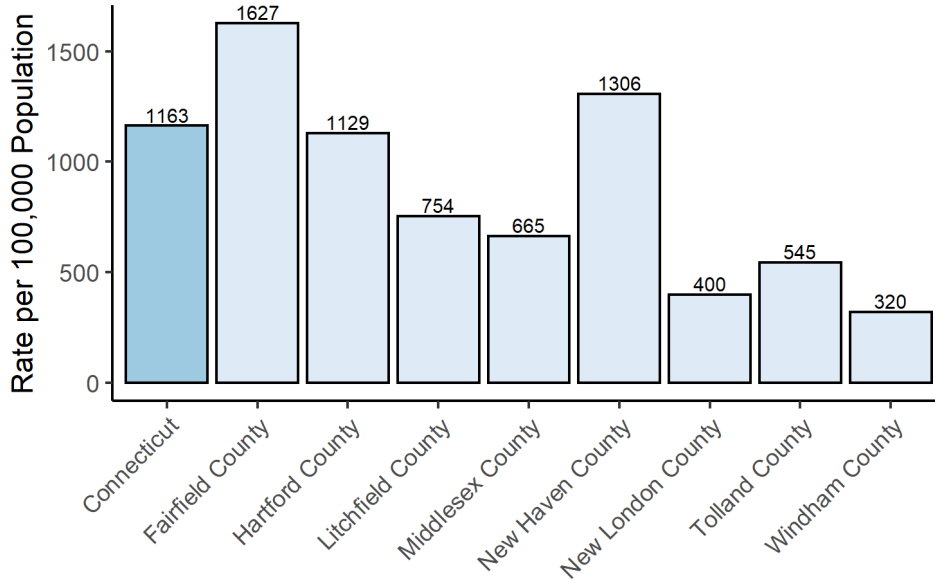
Table does not include 218 cases pending address validation

Town	Cases	Town	Cases	Town	Cases
Andover	10	Griswold	23	Prospect	53
Ansonia	258	Groton	89	Putnam	27
Ashford	15	Guilford	94	Redding	70
Avon	113	Haddam	28	Ridgefield	203
Barkhamsted	26	Hamden	935	Rocky Hill	380
Beacon Falls	45	Hampton	2	Roxbury	7
Berlin	150	Hartford	2215	Salem	4
Bethany	32	Hartland	6	Salisbury	11
Bethel	246	Harwinton	27	Scotland	0
Bethlehem	10	Hebron	22	Seymour	222
Bloomfield	475	Kent	7	Sharon	15
Bolton	23	Killingly	27	Shelton	570
Bozrah	7	Killingworth	13	Sherman	14
Branford	327	Lebanon	23	Simsbury	108
Bridgeport	3273	Ledyard	19	Somers	285
Bridgewater	6	Lisbon	7	South Windsor	140
Bristol	536	Litchfield	37	Southbury	167
Brookfield	153	Lyme	3	Southington	304
Brooklyn	21	Madison	137	Sprague	4
Burlington	23	Manchester	633	Stafford	98
Canaan	0	Mansfield	28	Stamford	3083
Canterbury	11	Marlborough	73	Sterling	2
Canton	82	Meriden	755	Stonington	31
Chaplin	3	Middlebury	44	Stratford	776
Cheshire	177	Middlefield	18	Suffield	113
Chester	46	Middletown	538	Thomaston	54
Clinton	52	Milford	619	Thompson	32
Colchester	35	Monroe	104	Tolland	46
Colebrook	2	Montville	252	Torrington	510
Columbia	21	Morris	14	Trumbull	511
Cornwall	6	Naugatuck	360	Union	5
Coventry	40	New Britain	938	Vernon	175
Cromwell	112	New Canaan	164	Voluntown	9
Danbury	1758	New Fairfield	106	Wallingford	439
Darien	204	New Hartford	25	Warren	4
Deep River	9	New Haven	2407	Washington	18
Derby	148	New London	136	Waterbury	1844
Durham	31	New Milford	262	Waterford	153
East Granby	9	Newington	344	Watertown	142
East Haddam	14	Newtown	212	West Hartford	583
East Hampton	43	Norfolk	11	West Haven	1018
East Hartford	782	North Branford	80	Westbrook	28
East Haven	387	North Canaan	6	Weston	62
East Lyme	139	North Haven	237	Westport	285
East Windsor	143	North Stonington	12	Wethersfield	246
Eastford	8	Norwalk	1972	Willington	12
Easton	31	Norwich	89	Wilton	201
Ellington	57	Old Lyme	15	Winchester	50
Enfield	413	Old Saybrook	68	Windham	169
Essex	22	Orange	113	Windsor	539
Fairfield	583	Oxford	77	Windsor Locks	109
Farmington	194	Plainfield	31	Wolcott	96
Franklin	4	Plainville	138	Woodbridge	127
Glastonbury	269	Plymouth	67	Woodbury	41
Goshen	8	Pomfret	14	Woodstock	13
Granby	20	Portland	60		
Greenwich	772	Preston	13		

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](#)

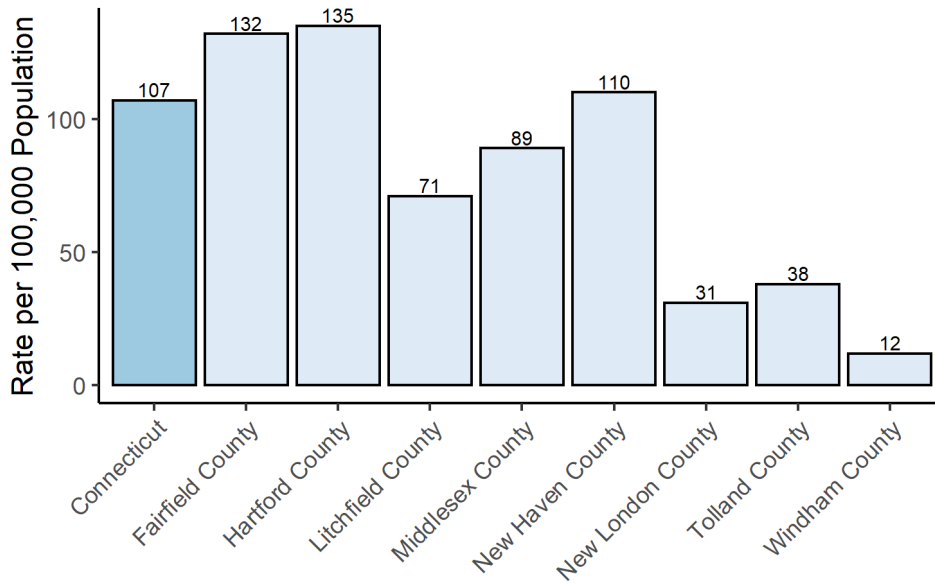
Rate of COVID-19 Cases Statewide and by County

As of 05/27/2020 at 8:30pm



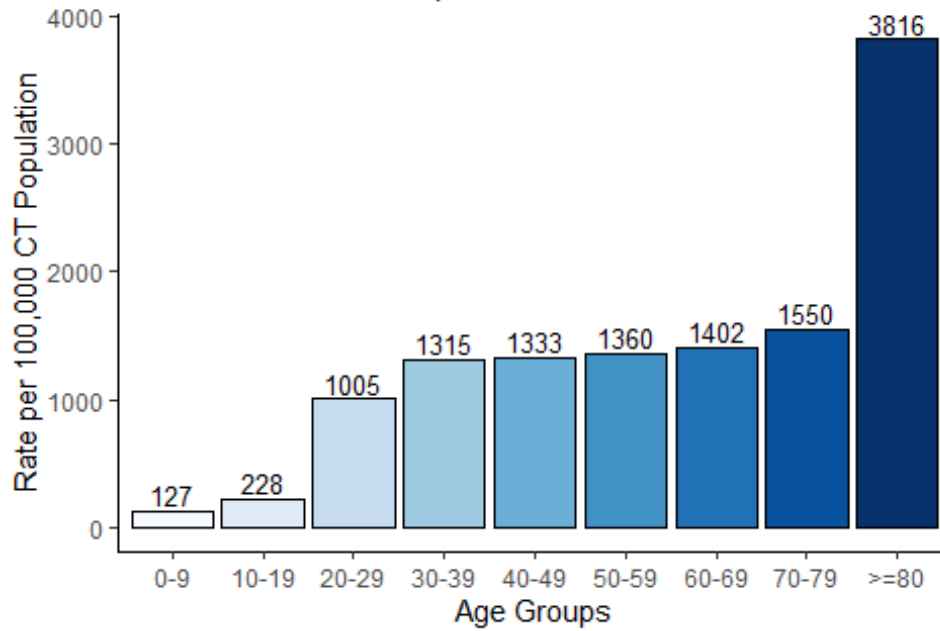
Rate of COVID-19-Associated Deaths Statewide and by County

As of 05/27/2020 at 8:30pm



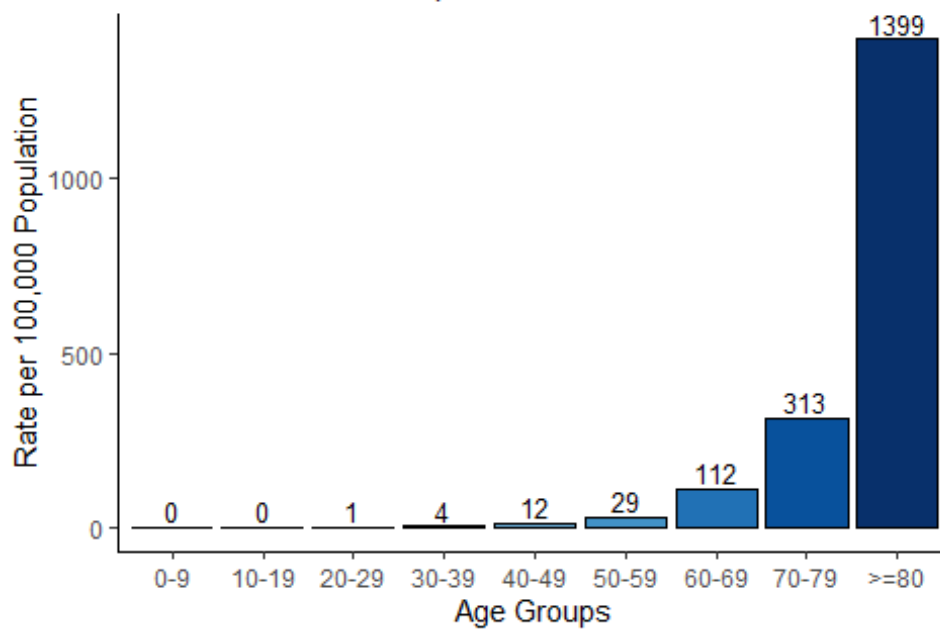
Rate of COVID-19 Cases by Age Group

As of 05/27/2020 at 8:30pm



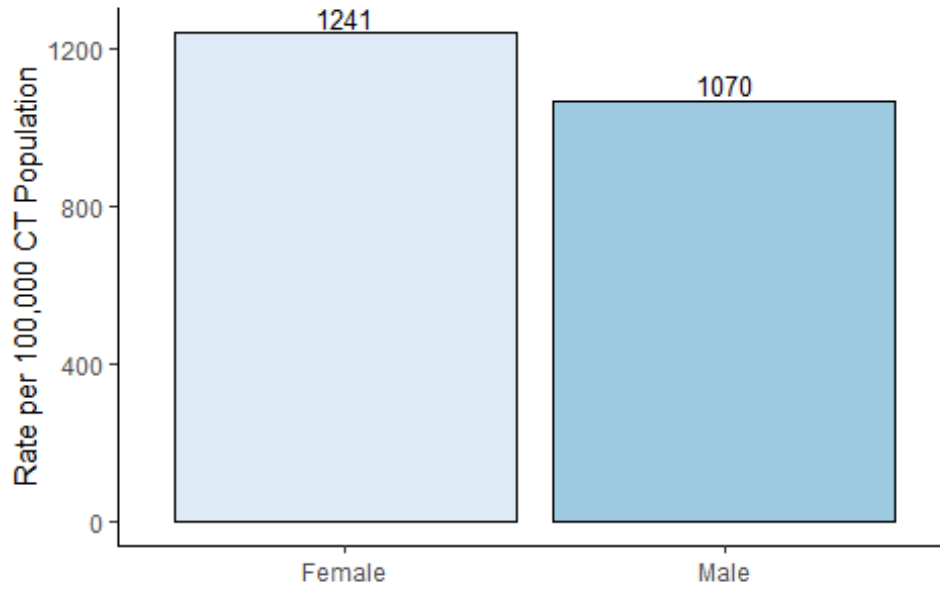
Rate of COVID-19-Associated Deaths by Age Group

As of 05/27/2020 at 8:30pm



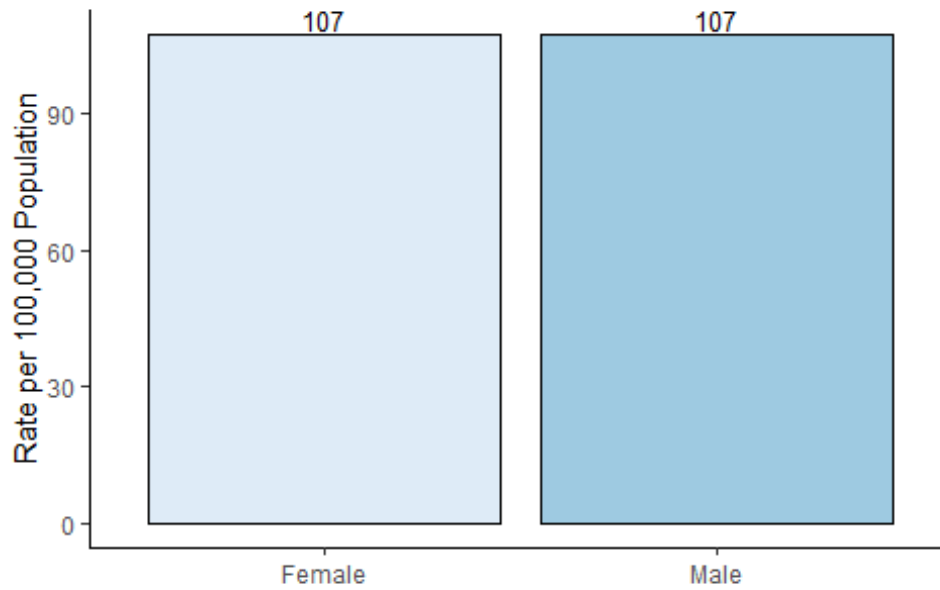
Rate of COVID-19 Cases by Gender

As of 05/27/2020 at 8:30pm

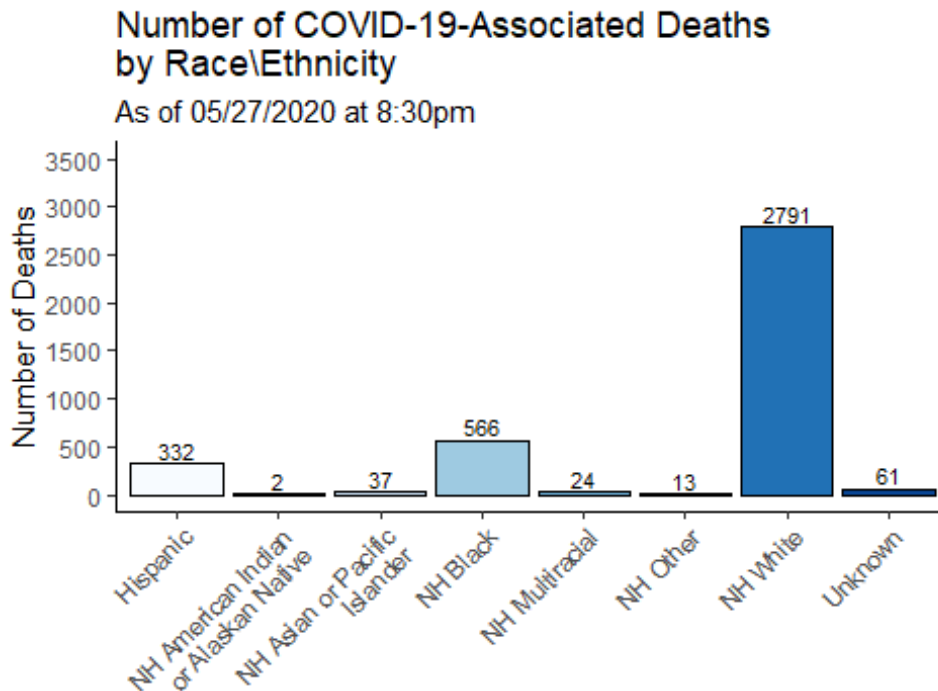
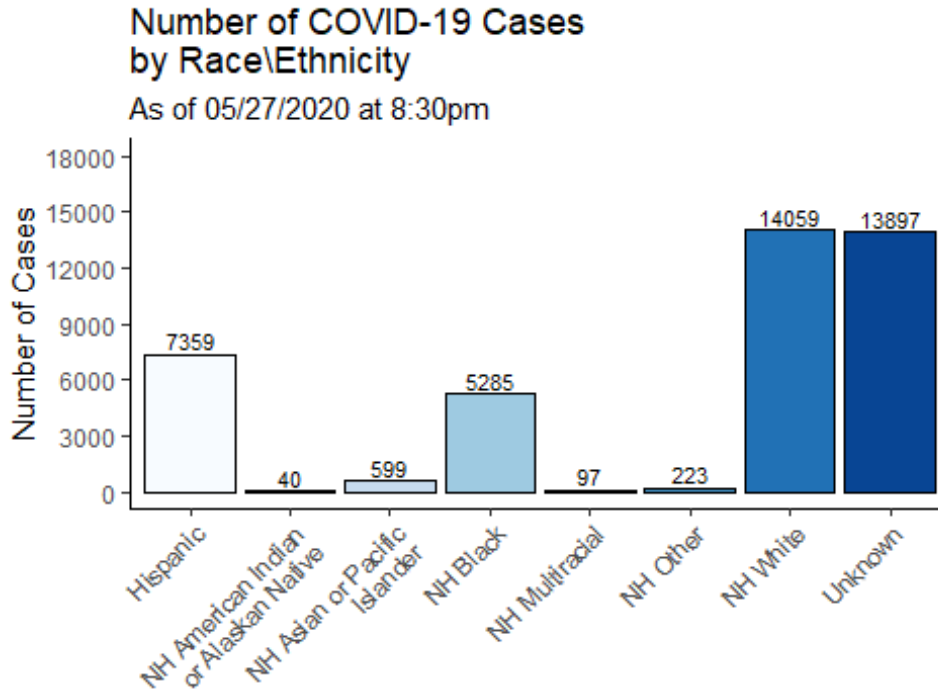


Rate of COVID-19-Associated Deaths by Gender

As of 05/27/2020 at 8:30pm



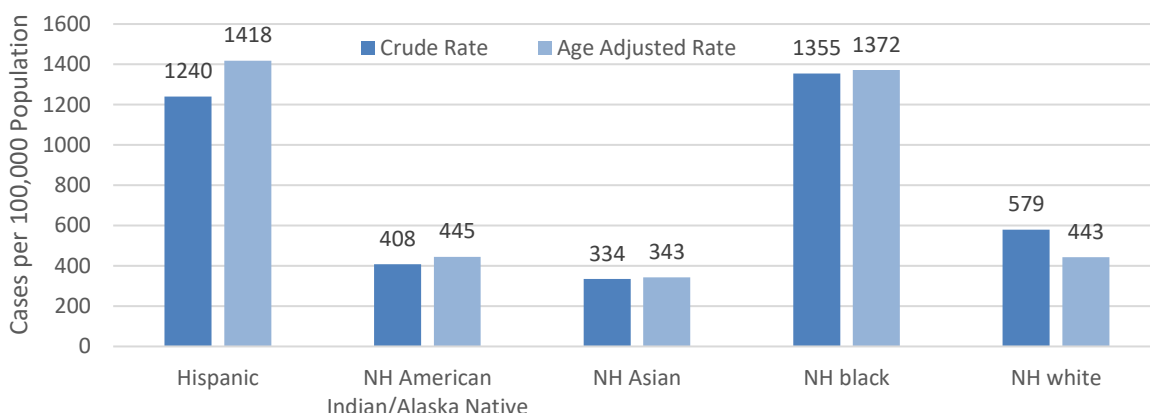
APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. Categories are mutually exclusive. The category “multiracial” includes people who answered ‘yes’ to more than one race category. Counts may not add up to total case counts as data on race and ethnicity may be missing. NH=Non-Hispanic



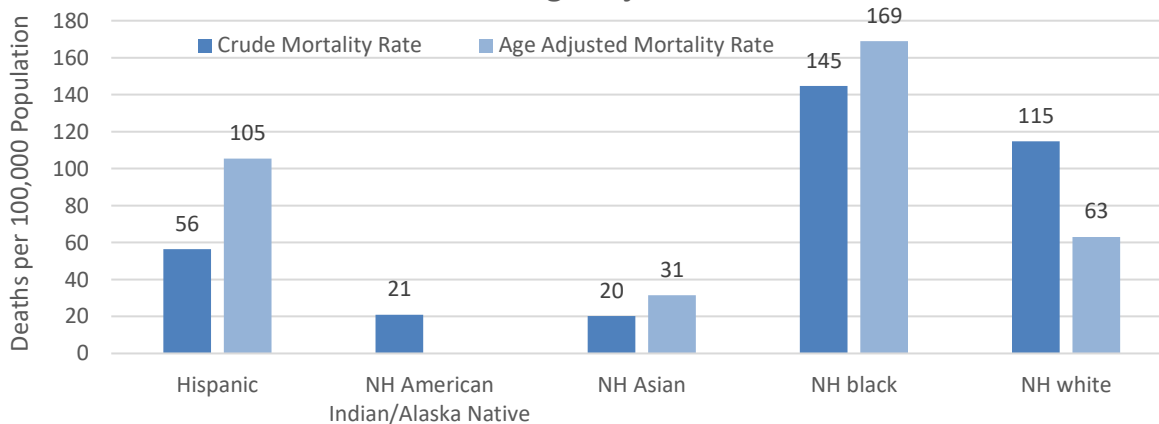
The following graphs show the number of COVID-19 cases and COVID-19-associated deaths per 100,000 population by race and ethnicity. Crude rates represent the total cases or deaths per 100,000 people. Age-adjusted rates consider the age of the person at diagnosis or death when estimating the rate and 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 population was used as the standard population for age adjustment; population estimates from: [DPH Population Statistics](#). Categories are mutually exclusive. Counts may not add up to total case counts as data on race and ethnicity may be missing. NH=Non-Hispanic

Rate of COVID-19 Cases by Race/Ethnicity, with and without age adjustment



Rate of COVID-19-Associated Deaths by Race/Ethnicity, with and without age adjustment*



*Age adjusted rates calculated only for groups with more than 20 deaths.