COVID-19 Update June 04, 2020

As of **June 03, 2020, at 8:30 PM**, the total number of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **43239**; including **41171** laboratory-confirmed and **2068** probable cases. **Three hundred seventy-three** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **4007** COVID-19-associated deaths.

In Connecticut during the early months of this pandemic, it became increasingly 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	43239	+148
COVID-19-Associated Deaths	4007	+18
Patients Currently Hospitalized with COVID-19	373	-33
COVID-19 PCR Tests Reported	279457	+5061

**Includes confirmed plus probable cases

COVID-19 Cases and Associated Deaths by County of Residence

As of 06/03/20 8:30pm. Includes patients tested at the State Public Health Laboratory, hospital, and commercial laboratories.

County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	15133	710	1002	291
Hartford County	9947	689	964	302
Litchfield County	1339	67	113	21
Middlesex County	1113	58	119	35
New Haven County	11191	391	845	147
New London County	1042	62	69	25
Tolland County	784	75	46	14
Windham County	389	8	13	1
Pending address validation	233	8	0	0
Total	**41171**	**2068**	**3171**	**836**

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.

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

All data are preliminary and subject to change. Updated 6/4/2020.

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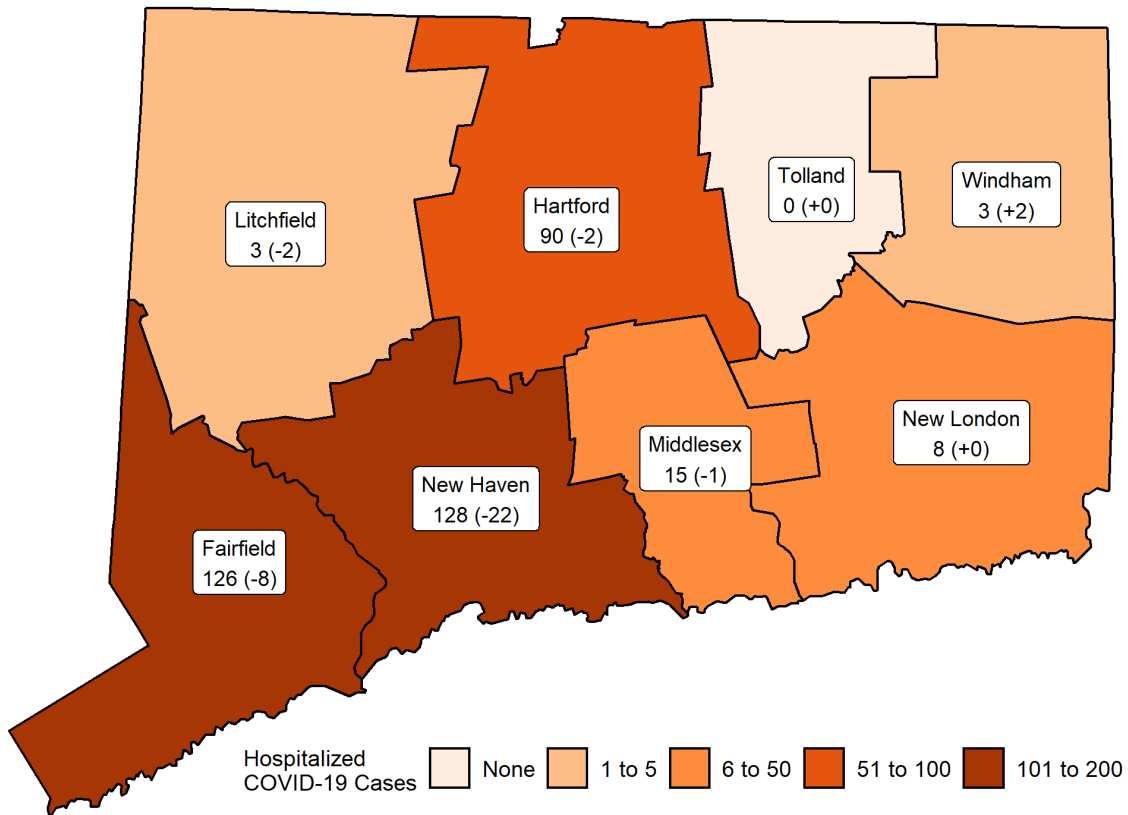
More information about hospitalized cases of COVID-19 in New Haven and Middlesex Counties is available from COVID-NET.

All data are preliminary and subject to change. Updated 6/4/2020.

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 (CHA). Starting on May 29, CHA changed to only reporting the number of patients with laboratory-confirmed COVID-19; data for previous dates include patients with laboratory-confirmed or suspected COVID-19. To date, **9669** patients have been hospitalized with laboratory-confirmed COVID-19 in Connecticut and **7284** patients hospitalized with laboratory-confirmed COVID-19 have been discharged.
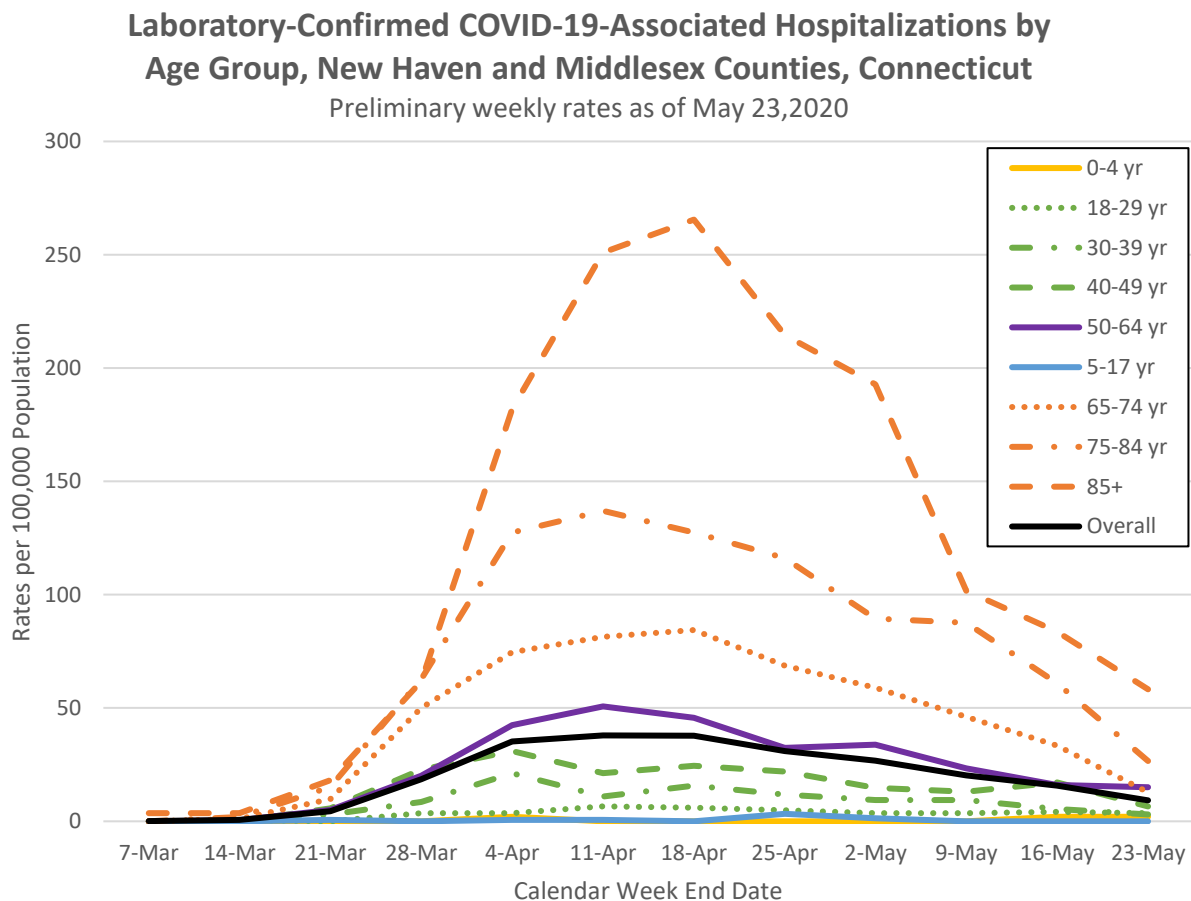
Cumulative hospitalizations and hospital discharges
As of 06/03/2020 at 8:30pm

Cumulative number of patients hospitalized
Cumulative number of patients discharged from hospital
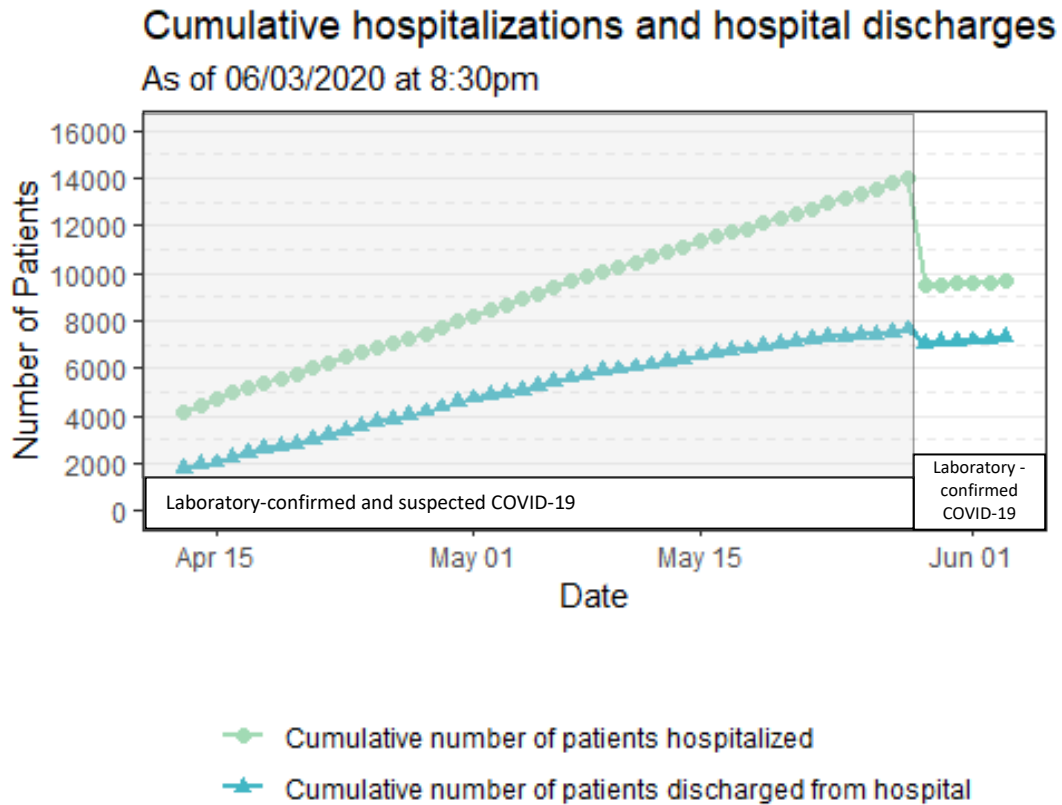
Weekly hospitalization by age group in New Haven and Middlesex Counties

The chart below shows the weekly rate of laboratory-confirmed COVID-19-associated hospitalizations by age group. Hospitalization rates are higher among older age groups, and have decreased in most age groups for the past five weeks.
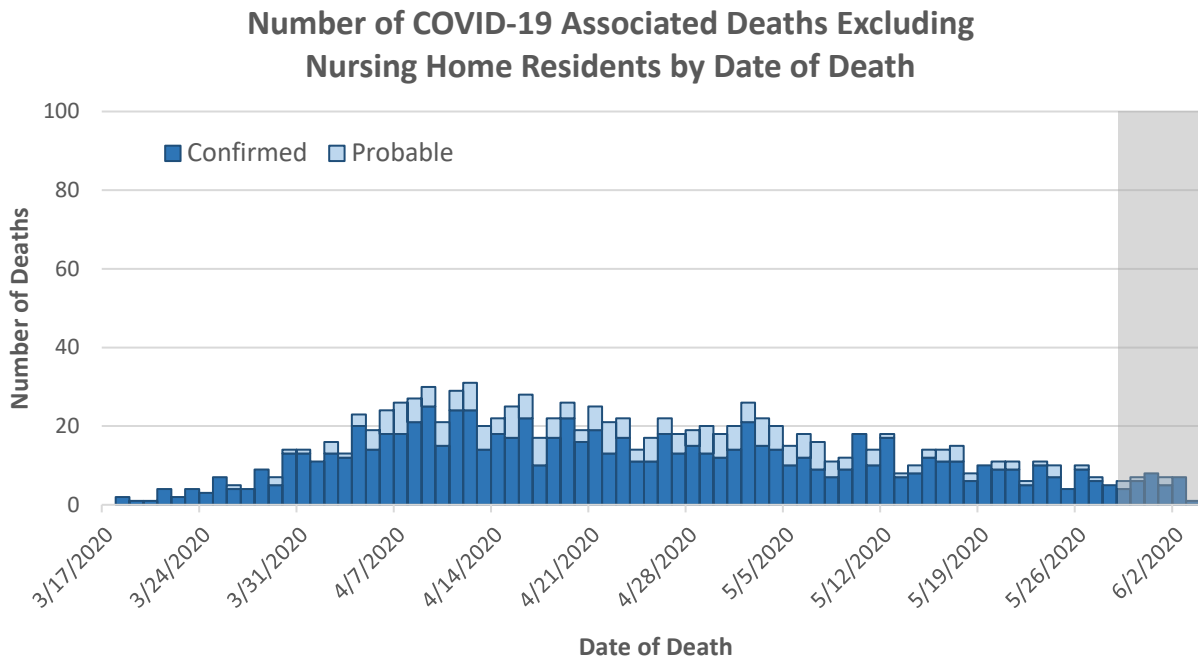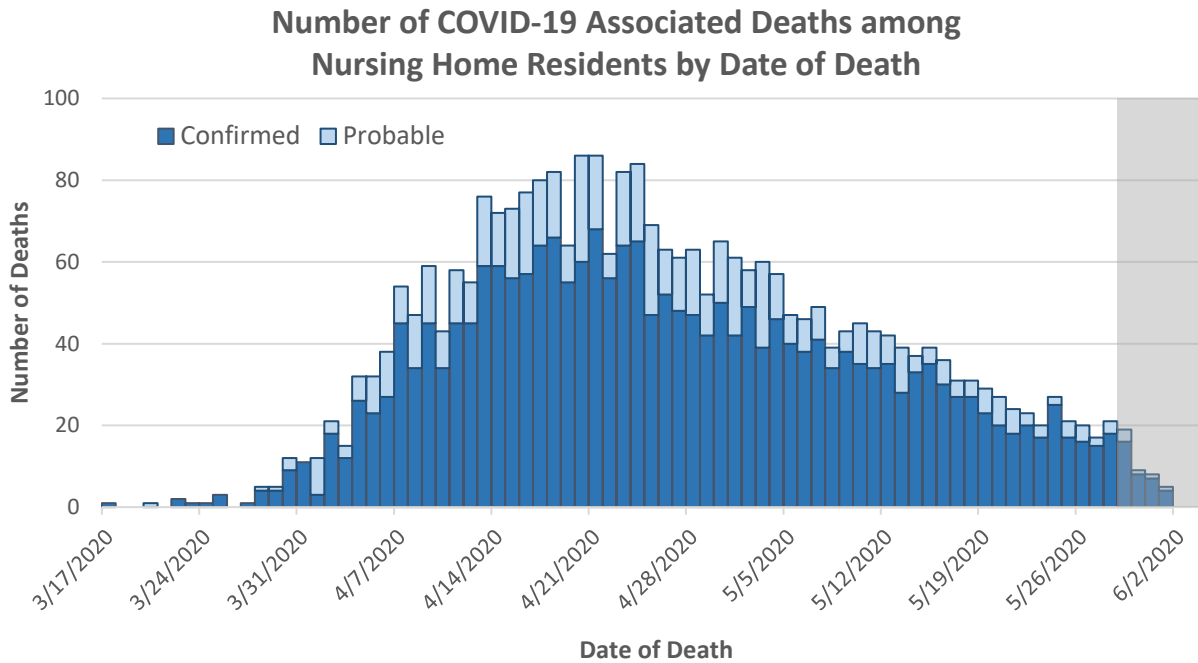
These data were collected by COVID-NET, the COVID-19-Associated Hospitalization Surveillance Network. Connecticut is one of 14 states that participate in COVID-NET, which conducts population-based surveillance for laboratory-confirmed COVID-19-associated hospitalizations. In Connecticut, COVID-NET surveillance covers residents of New Haven and Middlesex Counties, a population of approximately 1 million. These data are collected in partnership with the Centers for Disease Control and Prevention (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 accordingly. 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 23,2020

All data are preliminary and subject to change. Updated 6/4/2020.

Nursing Home Surveillance

Among **215** nursing homes in CT, **169 (79%)** have had at least one laboratory-confirmed COVID-19 case and **152 (71%)** have had at least one COVID-19-associated death. The graphs below show the number of COVID-19-associated deaths by date among nursing home residents (first graph) and among people who are not residents of nursing homes (second graph). *Data are incomplete for most recent dates shaded in grey. Data from previous dates are routinely updated.*

Number of COVID-19 Associated Deaths among Nursing Home Residents by Date of Death

Number of COVID-19 Associated Deaths Excluding Nursing Home Residents by Date of Death

All data are preliminary and subject to change. Updated 6/4/2020.

Nursing Home Point Prevalence Surveys – Preliminary Data

Point Prevalence Survey (PPS) is a strategy in which the infection status of all residents in a facility can be determined so that people who are potentially infectious can be separated from other residents in the facility.

The nursing home PPS initiative began in early May. The PPS initiative was designed to help contain outbreaks, and not to establish the burden of COVID-19 in nursing homes. For this initiative, nursing homes were urged to test all residents who had not previously tested positive for COVID-19.

PPS data collection is ongoing. Below are the data collected thus far (131 of 215 Connecticut nursing homes).

Among 131 nursing homes for which PPS data have been collected, 1269 (14%) of 8891 residents tested were found to be COVID-19-positive. Most residents who tested positive did not have symptoms of COVID-19 disease at the time of testing.

COVID-19 Test Results Among Nursing Home Residents Included in the PPS Initiative (Preliminary data for 131 nursing homes)

Metric	Count (%)
Total number of residents tested	**8891**
Number of residents who tested negative	7581 (85.3%)
Number of residents who tested positive	**1269 (14.3%)**
Number of residents with a positive result who were asymptomatic at time of testing	1131 (89.1 %)

Laboratory Surveillance

To date, DPH has received reports on a total of **279,457** COVID-19 PCR laboratory tests; of these 235,370 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.
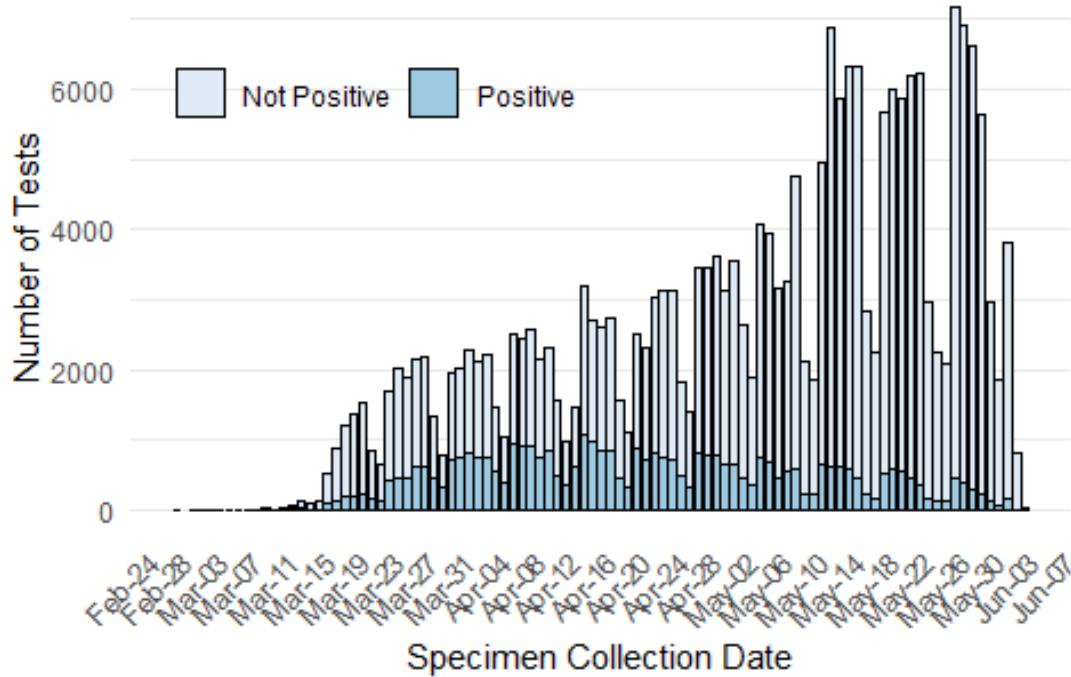
Testing of specimens collected since May 30 is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

ELR = Electronic Laboratory Reporting

All data are preliminary and subject to change. Updated 6/4/2020.

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.

Number of Confirmed and Probable COVID-19 Cases by Date
As of 06/03/2020 at 8:30pm
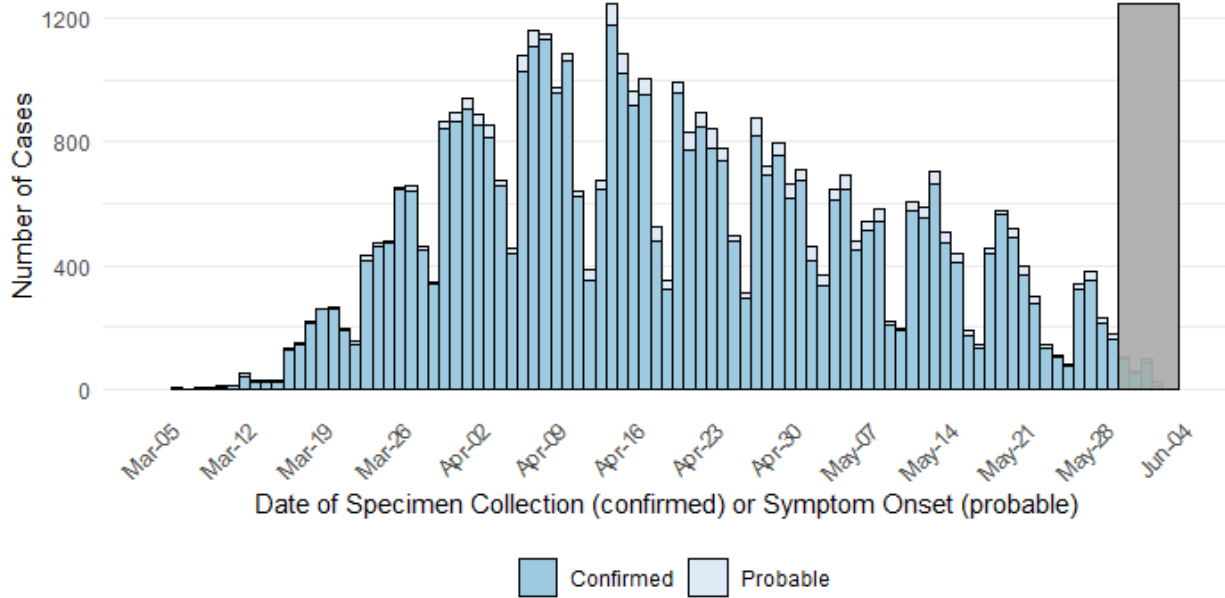
Number of COVID-19-Associated Deaths by Date of Death
As of 06/03/2020 at 8:30pm

All data are preliminary and subject to change. Updated 6/4/2020.

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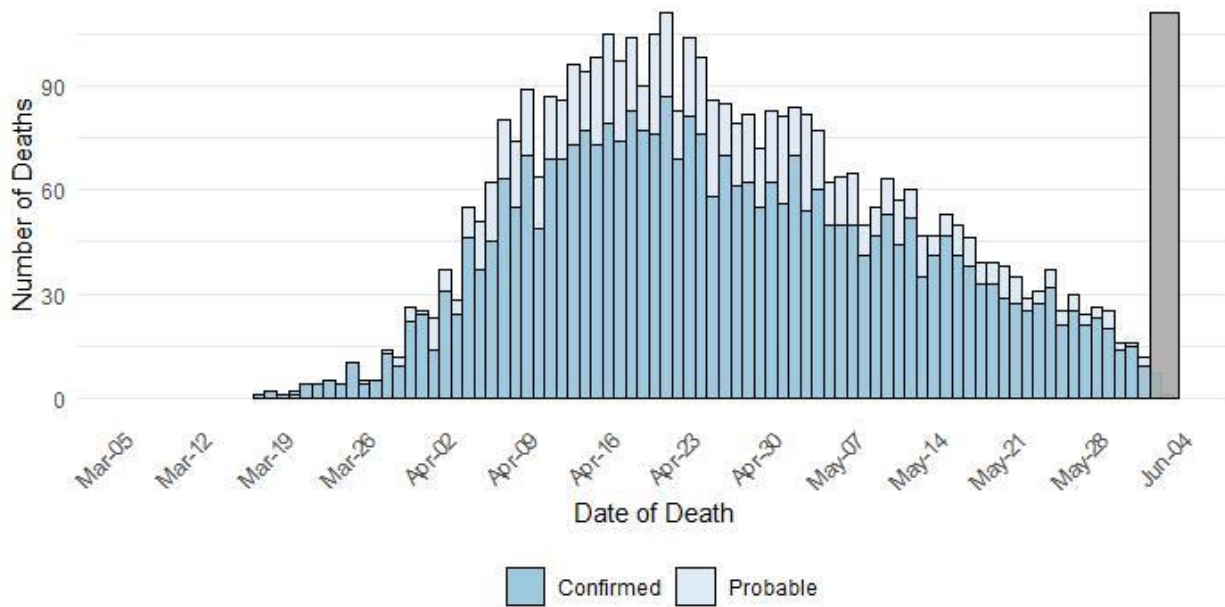
The chart below shows the number of new COVID-19 cases per week per 100,000 population in the state of Connecticut and for each Connecticut county. The rates in this chart are calculated by dividing the number of new cases diagnosed each week by the annual estimated population and then multiplying by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

Weekly rates of COVID-19 cases by County
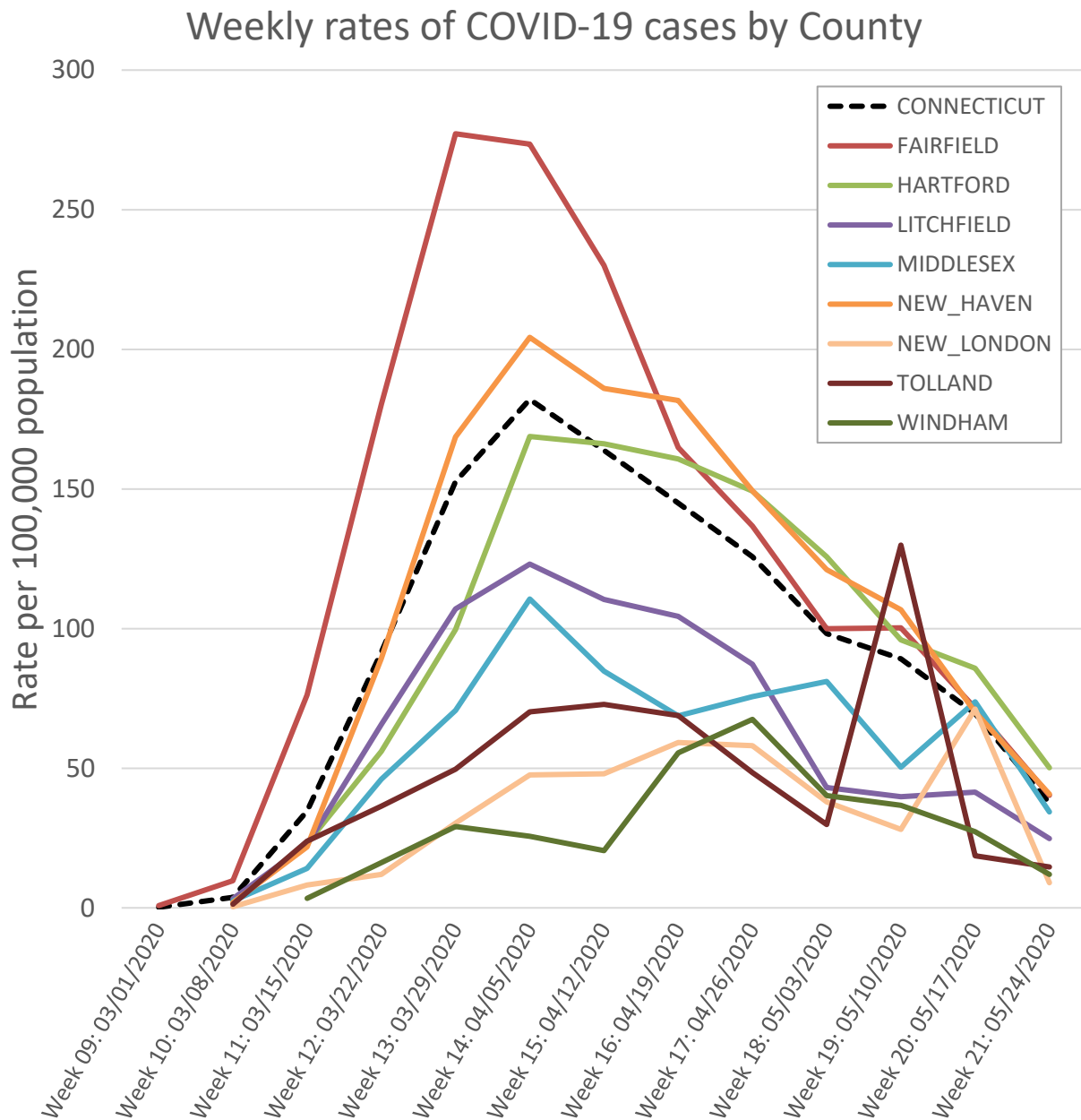
Notes:
Incidence rates are based on weekly cases divided by the estimated annual population and multiplied by 100,000.
Cases pending address validation are excluded from rate calculations.

All data are preliminary and subject to change. Updated 6/4/2020.

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

Number of COVID-19 Cases by Age Group
As of 06/03/2020 at 8:30pm

Number of COVID-19-Associated Deaths by Age Group
As of 06/03/2020 at 8:30pm

All data are preliminary and subject to change. Updated 6/4/2020.

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

Number of COVID-19 Cases by Gender
As of 06/03/2020 at 8:30pm

Number of COVID-19-Associated Deaths by Gender
As of 06/03/2020 at 8:30pm
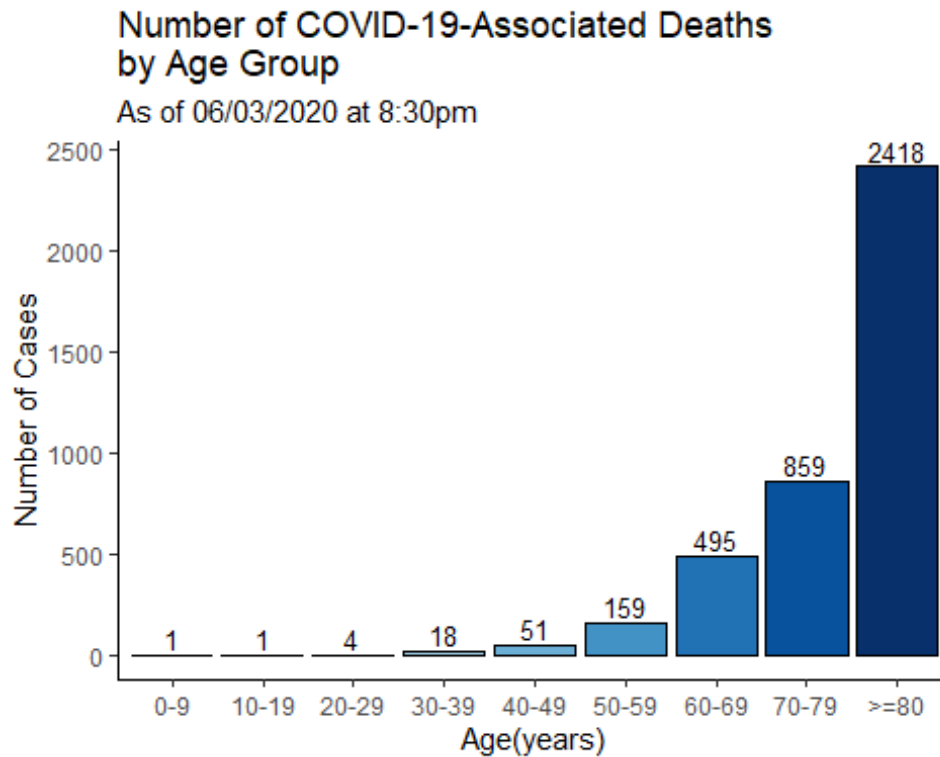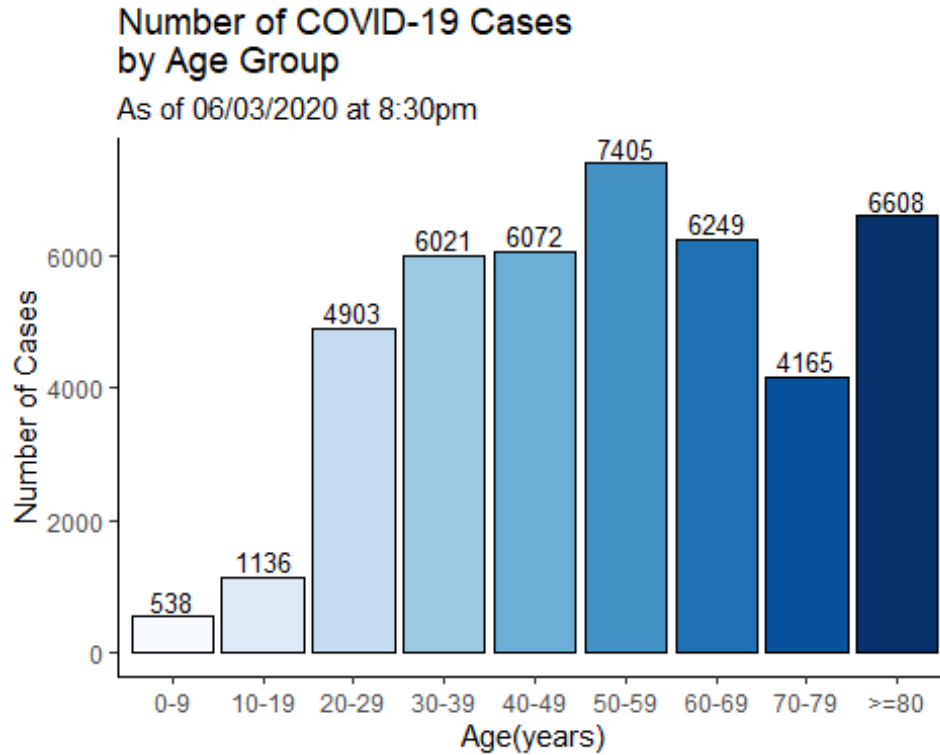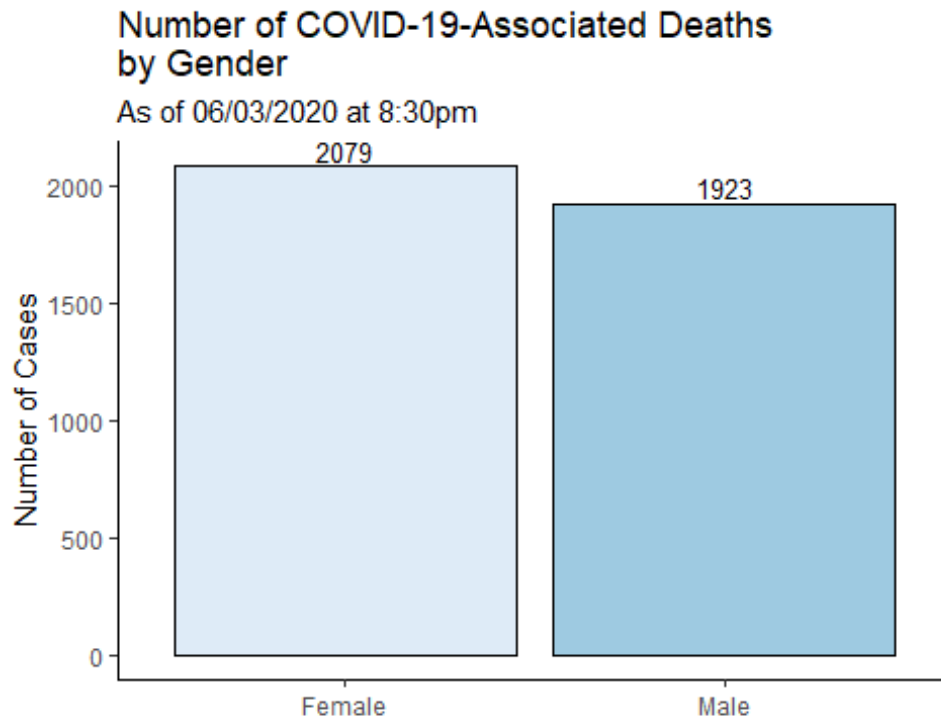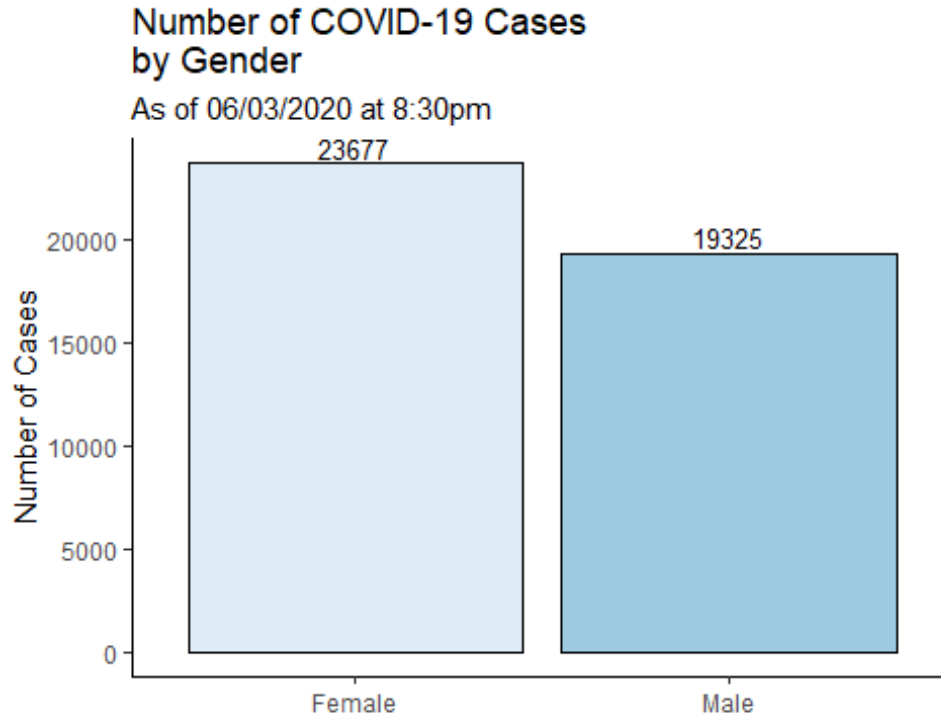
Connecticut Towns with Cases of COVID-19

Map does not include 233 cases pending address validation

COVID-19 Cases

None	101 to 200	501 to 1000
1 to 5	51 to 100	1001 to 5000
6 to 50	201 to 500	
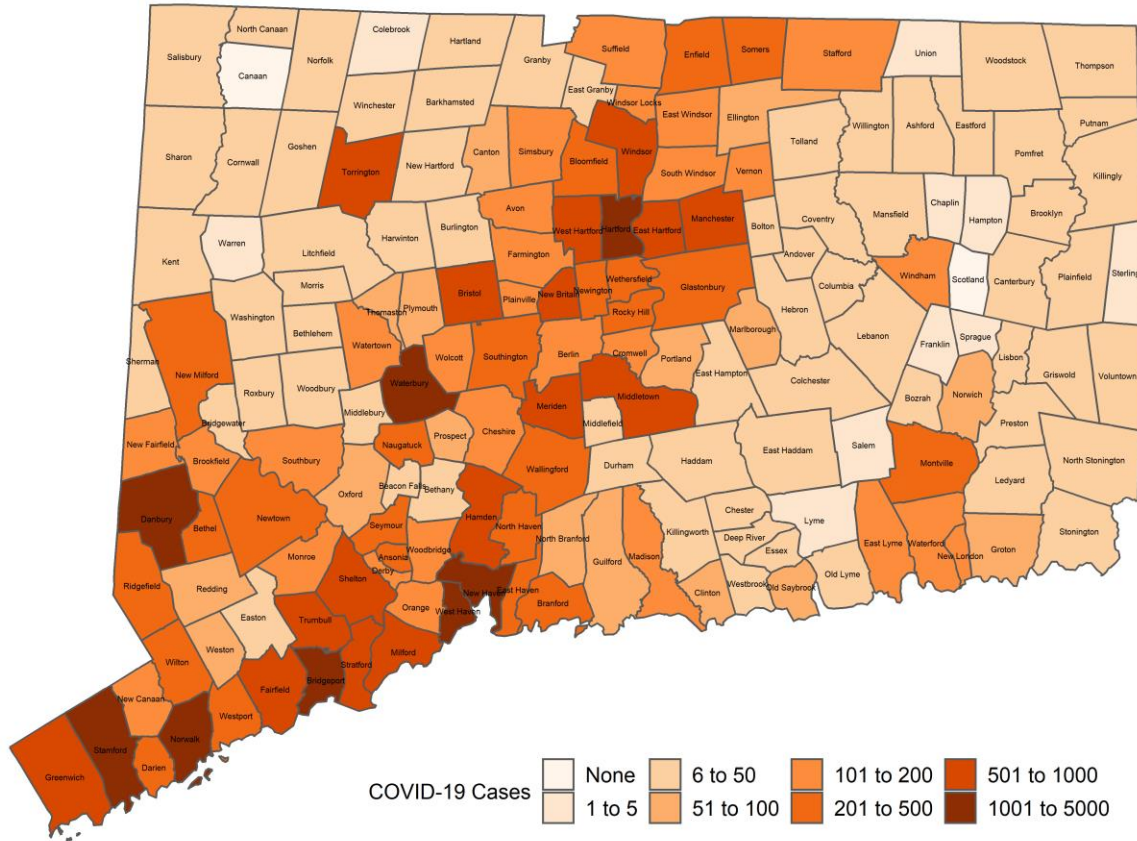
All data are preliminary and subject to change. Updated 6/4/2020.

APPENDIX A. Towns with Cases of COVID-19

Table does not include 233 cases pending address validation

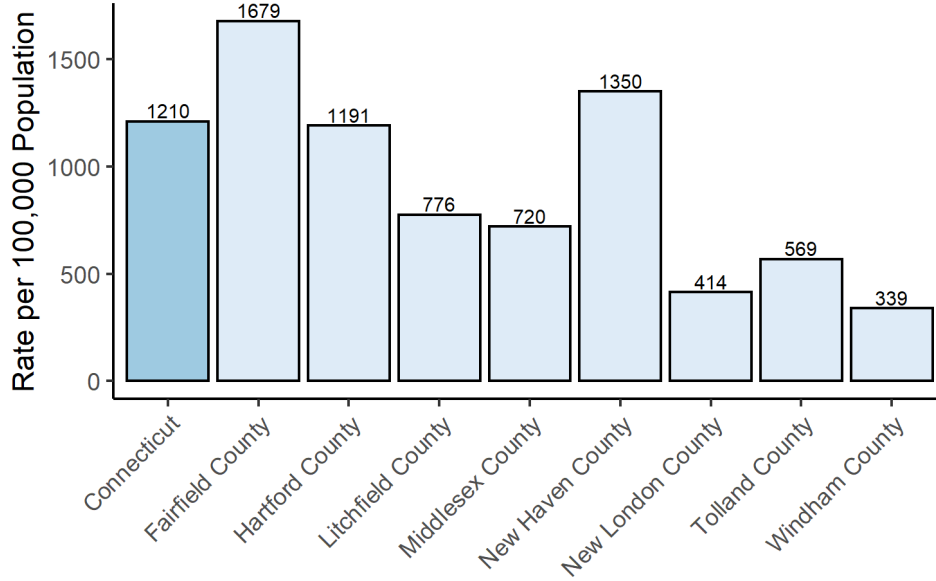| Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	9	0	Griswold	26	3	Prospect	55	0
Ansonia	255	8	Groton	82	12	Putnam	25	1
Ashford	15	0	Guilford	93	4	Redding	66	3
Avon	109	13	Haddam	29	1	Ridgefield	200	13
Barkhamsted	24	1	Hamden	944	29	Rocky Hill	377	19
Beacon Falls	46	0	Hampton	2	0	Roxbury	4	3
Berlin	145	7	Hartford	2194	139	Salem	4	0
Bethany	33	0	Hartland	6	0	Salisbury	11	0
Bethel	238	10	Harwinton	26	2	Scotland	0	0
Bethlehem	11	1	Hebron	25	1	Seymour	214	10
Bloomfield	452	36	Kent	7	1	Sharon	12	2
Bolton	20	2	Killingly	27	2	Shelton	557	40
Bozrah	7	0	Killingworth	14	0	Sherman	12	2
Branford	316	6	Lebanon	23	0	Simsbury	98	12
Bridgeport	3302	128	Ledyard	21	0	Somers	264	25
Bridgewater	8	0	Lisbon	9	0	South Windsor	129	18
Bristol	545	19	Litchfield	34	1	Southbury	168	7
Brookfield	153	3	Lyme	2	0	Southington	309	15
Brooklyn	22	1	Madison	133	7	Sprague	4	0
Burlington	24	0	Manchester	592	59	Stafford	102	7
Canaan	0	0	Mansfield	28	2	Stamford	3057	79
Canterbury	11	1	Marlborough	81	2	Sterling	2	0
Canton	84	8	Meriden	763	34	Stonington	25	6
Chaplin	3	0	Middlebury	40	3	Stratford	782	34
Cheshire	179	7	Middlefield	17	0	Suffield	104	16
Chester	45	1	Middletown	545	29	Thomaston	52	2
Clinton	51	2	Milford	609	21	Thompson	33	1
Colchester	34	2	Monroe	100	6	Tolland	38	9
Colebrook	3	0	Montville	245	7	Torrington	499	32
Columbia	22	0	Morris	13	1	Trumbull	483	47
Cornwall	6	0	Naugatuck	364	10	Union	4	1
Coventry	37	4	New Britain	922	70	Vernon	167	17
Cromwell	113	10	New Canaan	169	3	Voluntown	9	0
Danbury	1738	71	New Fairfield	108	0	Wallingford	440	13
Darien	199	7	New Hartford	25	0	Warren	4	0
Deep River	11	2	New Haven	2430	57	Washington	21	0
Derby	161	1	New London	134	5	Waterbury	1826	96
Durham	31	1	New Milford	263	8	Waterford	150	9
East Granby	9	0	Newington	358	22	Watertown	135	6
East Haddam	17	1	Newtown	211	9	West Hartford	620	53
East Hampton	40	5	Norfolk	11	1	West Haven	1009	30
East Hartford	749	66	North Branford	78	5	Westbrook	33	0
East Haven	369	21	North Canaan	5	1	Weston	62	1
East Lyme	133	11	North Haven	250	5	Westport	277	16
East Windsor	138	13	North Stonington	11	1	Wethersfield	242	6
Eastford	8	0	Norwalk	1942	66	Willington	13	0
Easton	30	1	Norwich	88	6	Wilton	178	26
Ellington	55	7	Old Lyme	17	0	Winchester	48	0
Enfield	417	13	Old Saybrook	83	2	Windham	185	1
Essex	25	0	Orange	110	1	Windsor	512	47
Fairfield	568	46	Oxford	73	3	Windsor Locks	110	6
Farmington	188	7	Plainfield	30	1	Wolcott	98	4
Franklin	5	0	Plainville	156	3	Woodbridge	135	9
Glastonbury	257	20	Plymouth	66	4	Woodbury	43	1
Goshen	8	0	Pomfret	13	0	Woodstock	13	0
Granby	20	0	Portland	59	4			
Greenwich	701	99	Preston	13	0			

All data are preliminary and subject to change. Updated 6/4/2020.

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

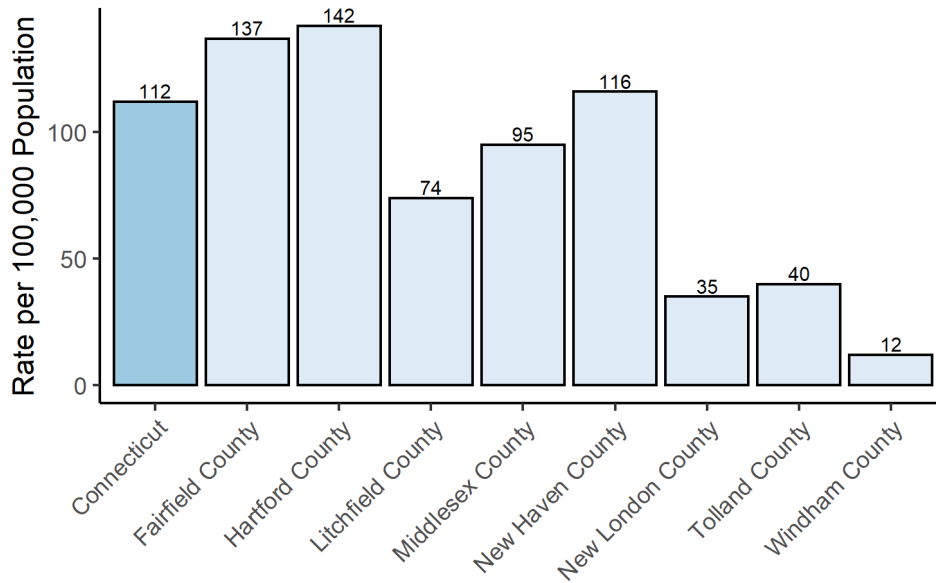### Rate of COVID-19 Cases Statewide and by County
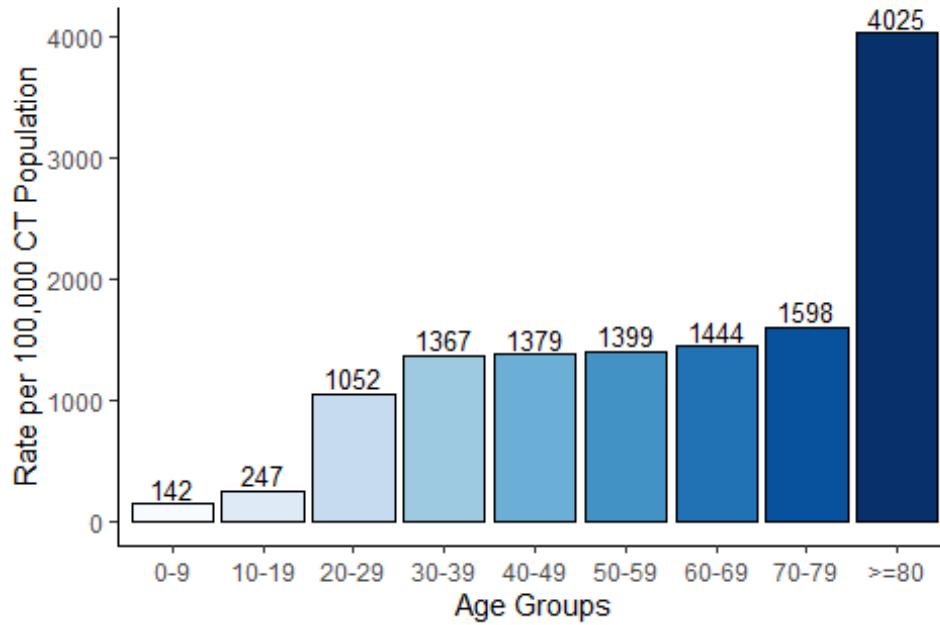#### As of 06/03/2020 at 8:30pm

County	Rate per 100,000 Population
Connecticut	1210
Fairfield County	1679
Hartford County	1191
Litchfield County	776
Middlesex County	720
New Haven County	1350
New London County	414
Tolland County	569
Windham County	339

Rate of COVID-19-Associated Deaths Statewide and by County
As of 06/03/2020 at 8:30pm

County	Rate per 100,000 Population
Connecticut	112
Fairfield County	137
Hartford County	142
Litchfield County	74
Middlesex County	95
New Haven County	116
New London County	35
Tolland County	40
Windham County	12

All data are preliminary and subject to change. Updated 6/4/2020.

Rate of COVID-19 Cases
by Age Group
As of 06/03/2020 at 8:30pm

Rate per 100,000 CT Population

Age Group	Rate
0-9	142
10-19	247
20-29	1052
30-39	1367
40-49	1379
50-59	1399
60-69	1444
70-79	1598
>=80	4025

Age Groups

Rate of COVID-19-Associated Deaths
by Age Group
As of 06/03/2020 at 8:30pm

Rate per 100,000 Population

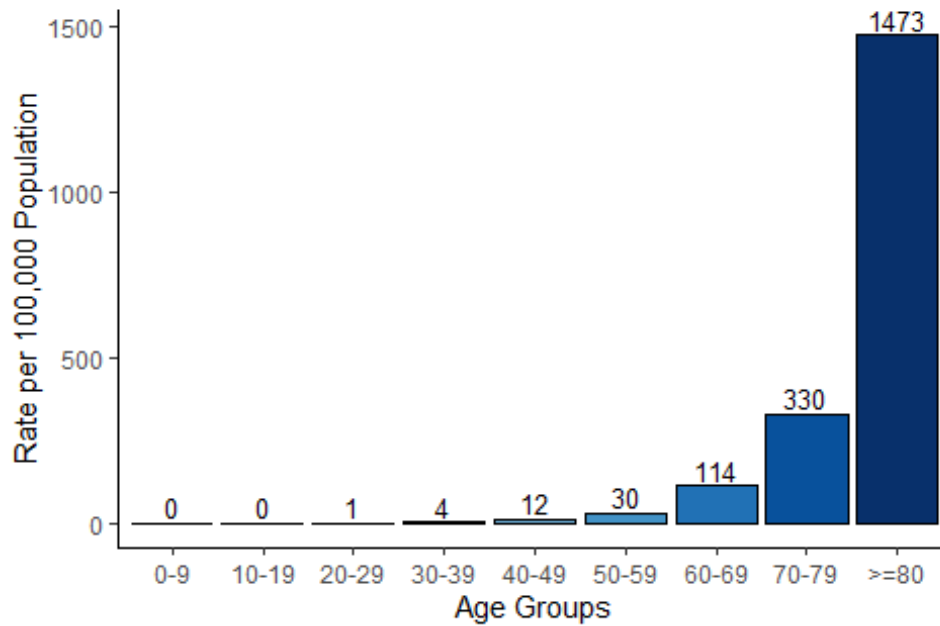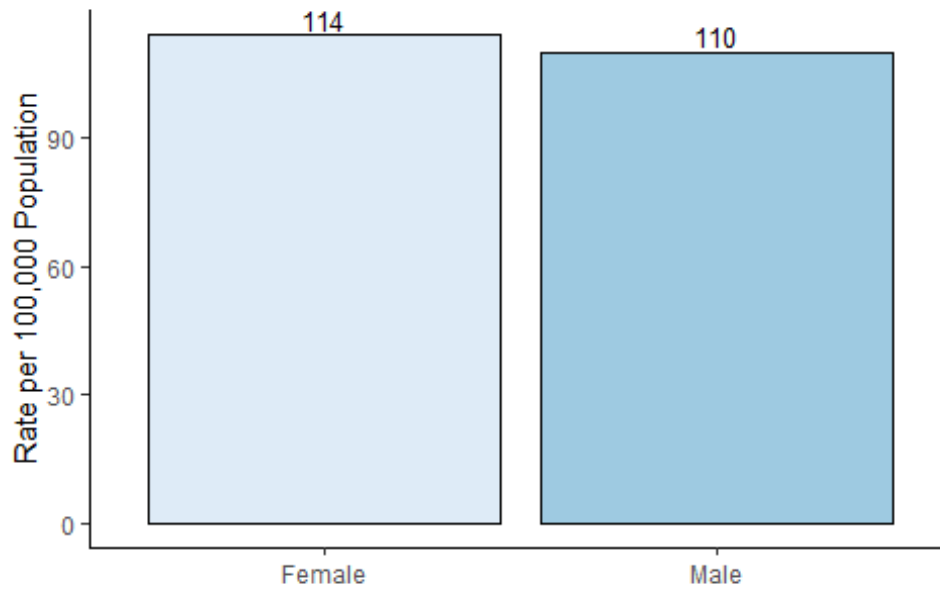| Age Group	Rate
0-9	0
10-19	0
20-29	1
30-39	4
40-49	12
50-59	30
60-69	114
70-79	330
>=80	1473

Age Groups

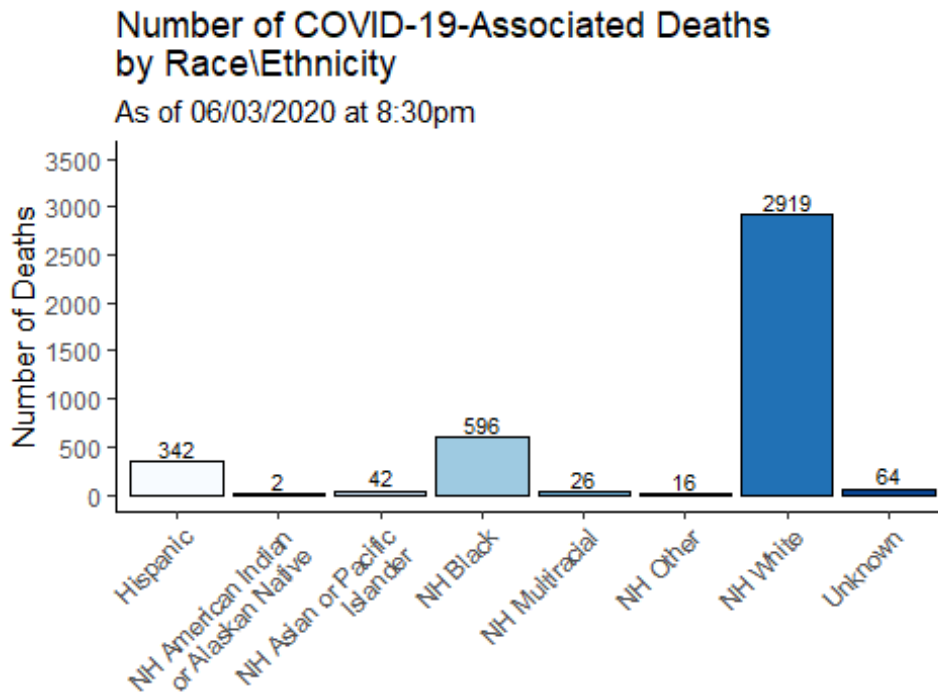## Rate of COVID-19 Cases
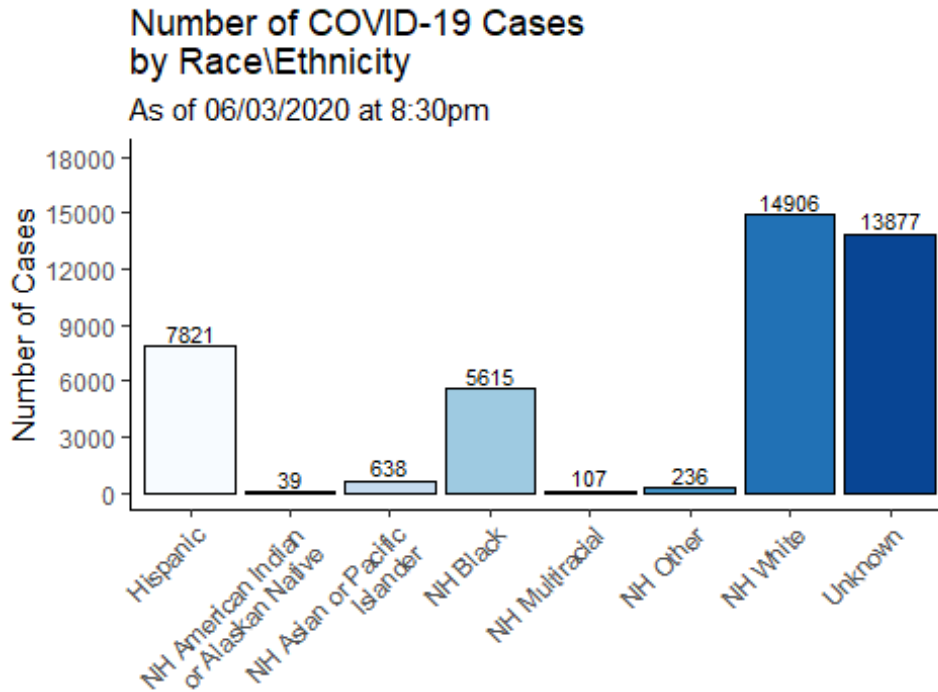## by Gender

As of 06/03/2020 at 8:30pm

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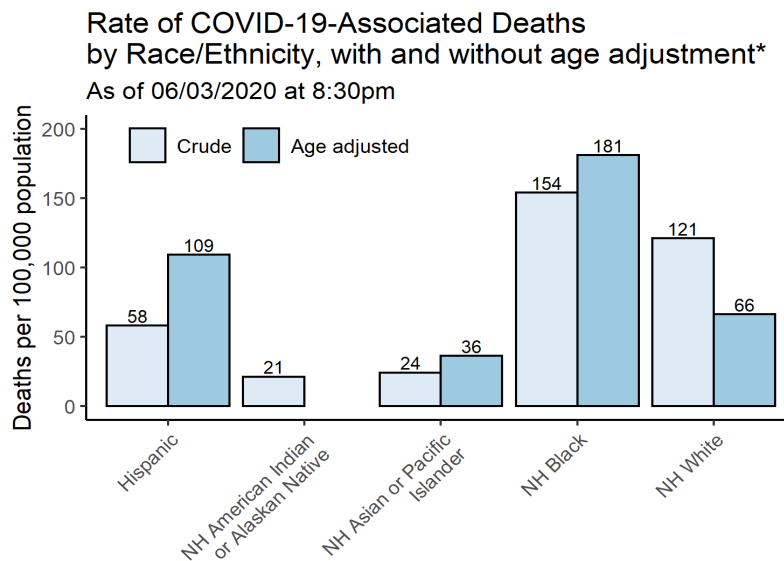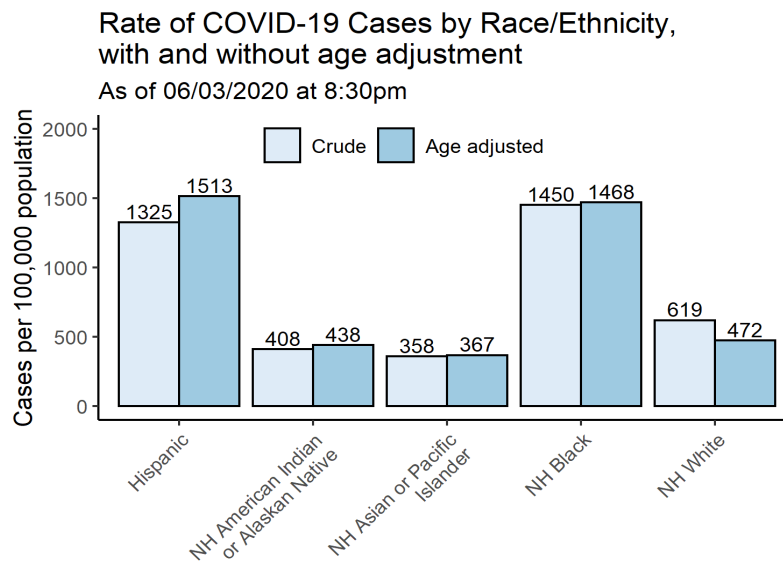## by Gender

As of 06/03/2020 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*

Number of COVID-19 Cases by Race\Ethnicity
As of 06/03/2020 at 8:30pm

Category	Number of Cases
Hispanic	7821
NH American Indian or Alaskan Native	39
NH Asian or Pacific Islander	638
NH Black	5615
NH Multiracial	107
NH Other	236
NH White	14906
Unknown	13877

Number of COVID-19-Associated Deaths by Race\Ethnicity
As of 06/03/2020 at 8:30pm

Category	Number of Deaths
Hispanic	342
NH American Indian or Alaskan Native	2
NH Asian or Pacific Islander	42
NH Black	596
NH Multiracial	26
NH Other	16
NH White	2919
Unknown	64

All data are preliminary and subject to change. Updated 6/4/2020.

The following charts 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 and 2000 US standard million population 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*

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

As of 06/03/2020 at 8:30pm

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

As of 06/03/2020 at 8:30pm

Age adjusted rates only calculated for groups with at least 20 deaths.

All data are preliminary and subject to change. Updated 6/4/2020.