COVID-19 Update June 25, 2020

As of **June 24, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **45994**, including **44018** laboratory-confirmed and **1976** probable cases. **One hundred twenty-two** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **4298** 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	45994	+81
COVID-19-Associated Deaths	4298	+11
Patients Currently Hospitalized with COVID-19	122	-2
COVID-19 PCR Tests Reported	406967	+6576

**Includes confirmed plus probable cases

COVID-19 Cases and Associated Deaths by County of Residence

As of 06/24/20 8:30pm.

County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	15914	633	1069	304
Hartford County	10806	677	1051	311
Litchfield County	1406	63	116	20
Middlesex County	1218	59	141	38
New Haven County	11852	393	918	150
New London County	1157	62	76	26
Tolland County	829	70	50	14
Windham County	586	9	13	1
Pending address validation	*250*	*10*	*0*	*0*
Total	**44018**	**1976**	**3434**	**864**

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

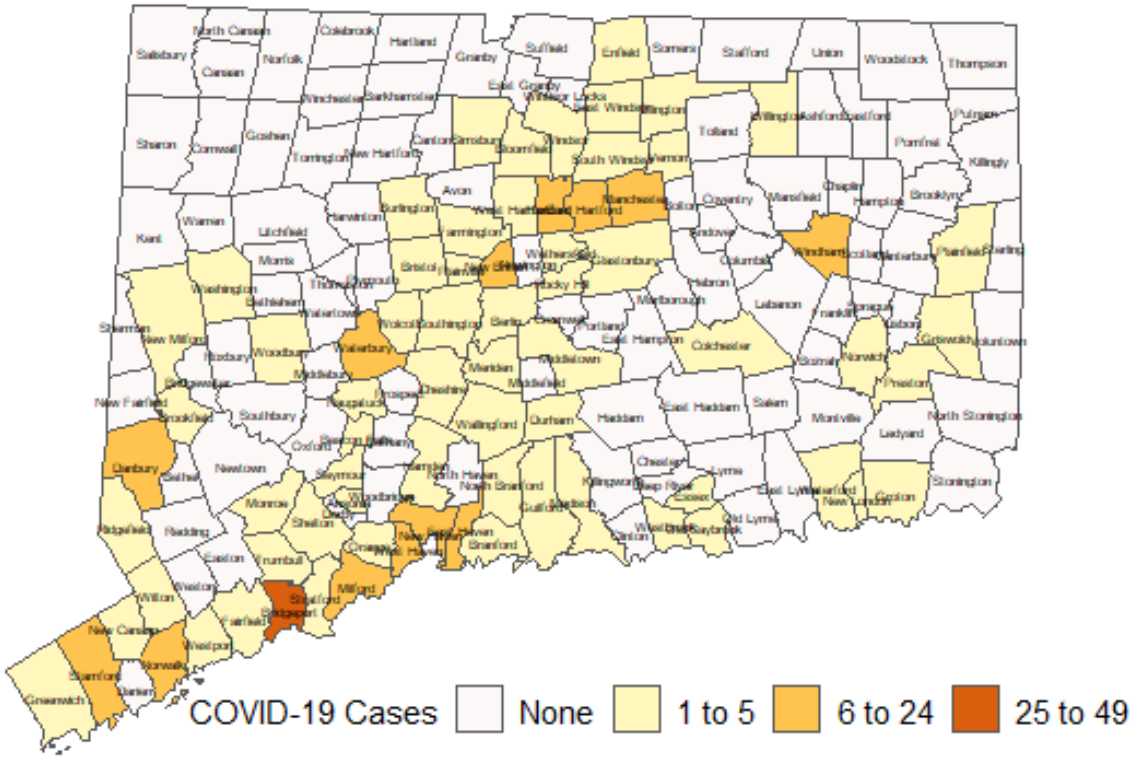
New Cases in the Past Week

Among 24,061 PCR tests for COVID-19 with specimen collection date in the past 7 days, 491 test results were positive. There were 293 people who tested positive for the first time or had onset of symptoms in the past 7 days. Of these 293, 265 (90%) cases were among people who reside in community settings and 28 (10%) 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 265 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.

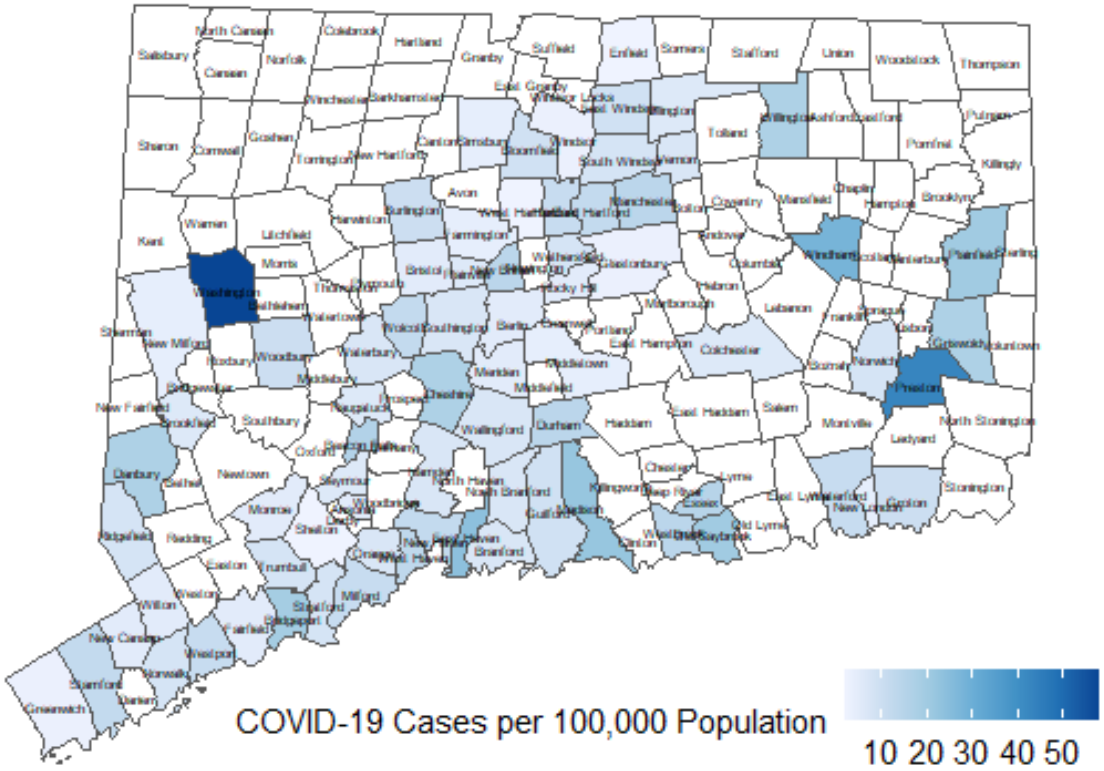
Number of COVID-19 Cases Living in Community Settings by Town with Specimen Collection or Onset Date in the Past 7 Days



Map does not include 2 cases pending address validation

Number of COVID-19 Cases 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 2 cases pending address validation



Number of COVID-19 Cases, Population and Rate (Cases per 100,000 Population) by Town with Specimen Collection or Onset Date in the Past 7 Days

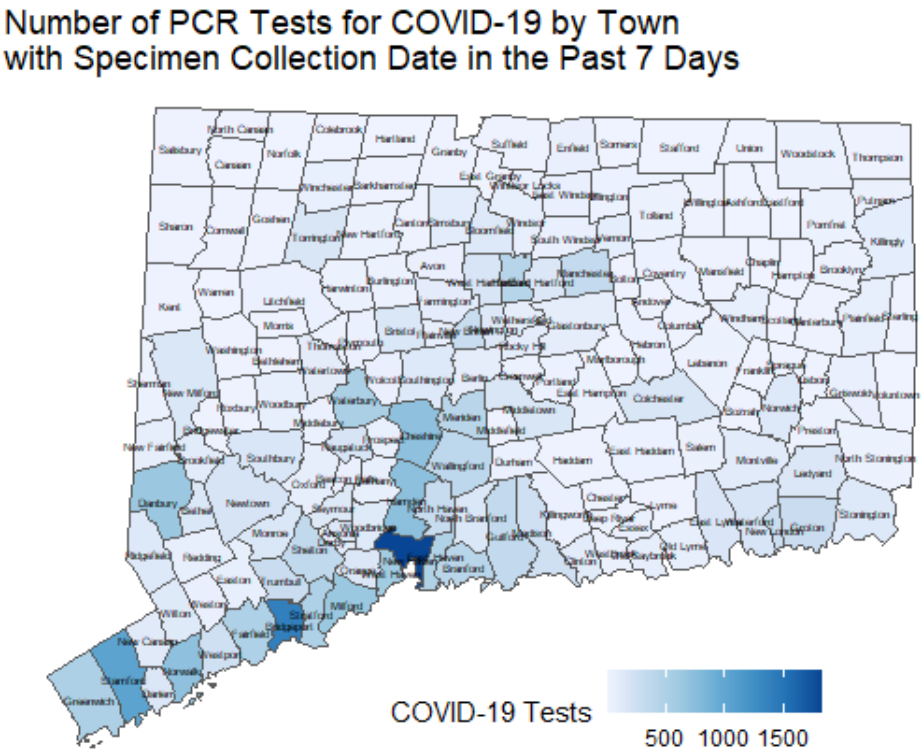
Table does not include 2 cases pending address validation

Town	Pop	Cases	Rate	Town	Pop	Cases	Rate	Town	Pop	Cases	Rate
Andover	3231	0	0	Guilford	22216	<5	9	Redding	9125	0	0
Ansonia	18721	<5	5	Haddam	8222	0	0	Ridgefield	25008	<5	8
Ashford	4261	0	0	Hamden	60940	<5	7	Rocky Hill	20145	<5	5
Avon	18302	0	0	Hampton	1853	0	0	Roxbury	2160	0	0
Barkhamsted	3624	0	0	Hartford	122587	14	11	Salem	4123	0	0
Beacon Falls	6182	<5	16	Hartland	2120	0	0	Salisbury	3598	0	0
Berlin	20432	<5	5	Harwinton	5430	0	0	Scotland	1685	0	0
Bethany	5479	0	0	Hebron	9482	0	0	Seymour	16509	<5	6
Bethel	19714	0	0	Kent	2785	0	0	Sharon	2703	0	0
Bethlehem	3422	0	0	Killingly	17287	0	0	Shelton	41097	<5	2
Bloomfield	21301	<5	9	Killingworth	6370	0	0	Sherman	3614	0	0
Bolton	4890	0	0	Lebanon	7207	0	0	Simsbury	24979	<5	4
Bozrah	2537	0	0	Ledyard	14736	0	0	Somers	10834	0	0
Branford	28005	<5	7	Lisbon	4248	0	0	South Windsor	26054	<5	8
Bridgeport	144900	28	19	Litchfield	8127	0	0	Southbury	19656	0	0
Bridgewater	1641	0	0	Lyme	2338	0	0	Southington	43807	<5	7
Bristol	60032	<5	5	Madison	18106	<5	22	Sprague	2889	0	0
Brookfield	17002	<5	6	Manchester	57699	8	14	Stafford	11884	0	0
Brooklyn	8280	0	0	Mansfield	25817	0	0	Stamford	129775	15	12
Burlington	9665	<5	10	Marlborough	6358	0	0	Sterling	3780	0	0
Canaan	1055	0	0	Meriden	59540	<5	5	Stonington	18449	0	0
Canterbury	5100	0	0	Middlebury	7731	0	0	Stratford	51967	<5	8
Canton	10270	0	0	Middlefield	4380	0	0	Suffield	15743	0	0
Chaplin	2256	0	0	Middletown	46146	<5	4	Thomaston	7560	0	0
Cheshire	29179	5	17	Milford	54661	6	11	Thompson	9395	0	0
Chester	4229	0	0	Monroe	19470	<5	5	Tolland	14655	0	0
Clinton	12950	0	0	Montville	18716	0	0	Torrington	34228	0	0
Colchester	15936	<5	6	Morris	2262	0	0	Trumbull	35802	<5	8
Colebrook	1405	0	0	Naugatuck	31288	<5	6	Union	840	0	0
Columbia	5385	0	0	New Britain	72453	10	14	Vernon	29303	<5	7
Cornwall	1368	0	0	New Canaan	20213	<5	5	Voluntown	2535	0	0
Coventry	12414	0	0	New Fairfield	13877	0	0	Wallingford	44535	<5	7
Cromwell	13905	0	0	New Hartford	6685	0	0	Warren	1399	0	0
Danbury	84730	14	17	New Haven	130418	16	12	Washington	3434	<5	58
Darien	21753	0	0	New London	26939	<5	4	Waterbury	108093	8	7
Deep River	4463	0	0	New Milford	26974	<5	4	Waterford	18887	<5	11
Derby	12515	0	0	Newington	30112	0	0	Watertown	21641	0	0
Durham	7195	<5	14	Newtown	27774	0	0	West Hartford	62939	<5	2
East Granby	5147	0	0	Norfolk	1640	0	0	West Haven	54879	7	13
East Haddam	8988	0	0	North Branford	14158	<5	7	Westbrook	6914	<5	14
East Hampton	12854	0	0	North Canaan	3254	0	0	Weston	10247	0	0
East Hartford	49998	6	12	North Haven	23691	0	0	Westport	28115	<5	11
East Haven	28699	7	24	North Stonington	5243	0	0	Wethersfield	26082	<5	8
East Lyme	18645	0	0	Norwalk	89047	7	8	Willington	5887	<5	17
East Windsor	11375	<5	9	Norwich	39136	<5	8	Wilton	18397	<5	5
Eastford	1790	0	0	Old Lyme	7366	0	0	Winchester	10655	0	0
Easton	7517	0	0	Old Saybrook	10087	<5	20	Windham	24706	7	28
Ellington	16299	<5	6	Orange	13949	<5	7	Windsor	28760	<5	3
Enfield	44466	<5	2	Oxford	13226	0	0	Windsor Locks	12876	0	0
Essex	6674	<5	15	Plainfield	15173	<5	20	Wolcott	16649	<5	12
Fairfield	61952	<5	5	Plainville	17623	<5	6	Woodbridge	8805	0	0
Farmington	25506	<5	4	Plymouth	11645	0	0	Woodbury	9537	<5	10
Franklin	1933	0	0	Pomfret	4204	0	0	Woodstock	7862	0	0
Glastonbury	34491	<5	3	Portland	9305	0	0				
Goshen	2879	0	0	Preston	4638	<5	43				
Granby	11375	0	0	Prospect	9790	0	0				
Greenwich	62727	<5	3	Putnam	9395	0	0				
Griswold	11591	<5	17								
Groton	38692	<5	10								

COVID-19 PCR Tests in the Past Week

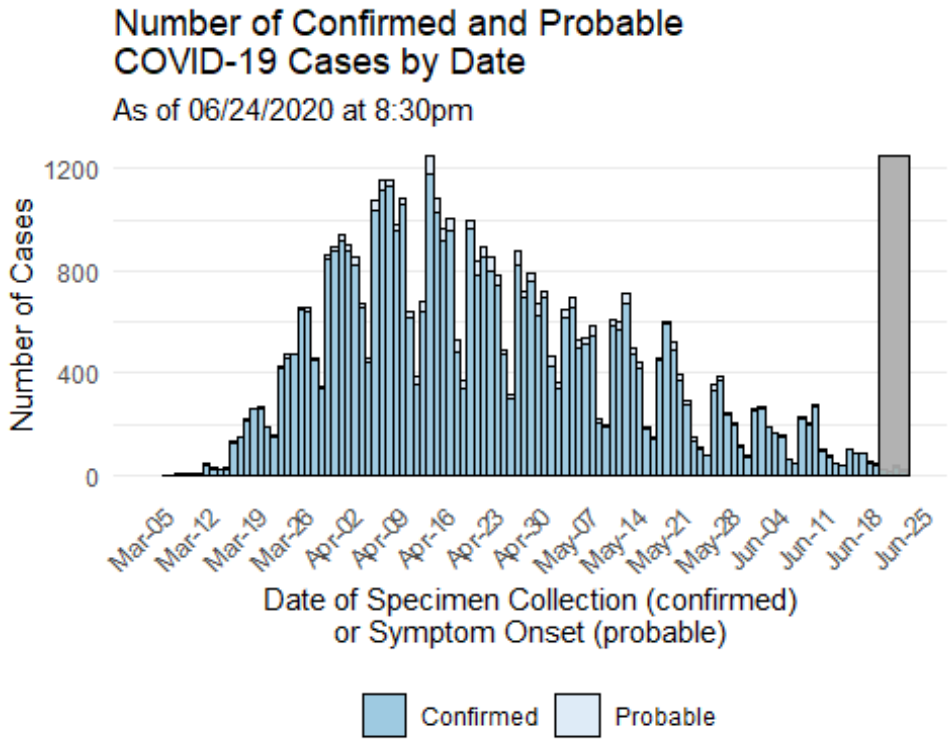
The graph below shows the number of PCR laboratory tests for COVID-19 reported to DPH with a specimen collection date in the past 7 days. Among 24,061 PCR tests for COVID-19 with specimen collection date in the past 7 days, 491 (2%) test results were positive.

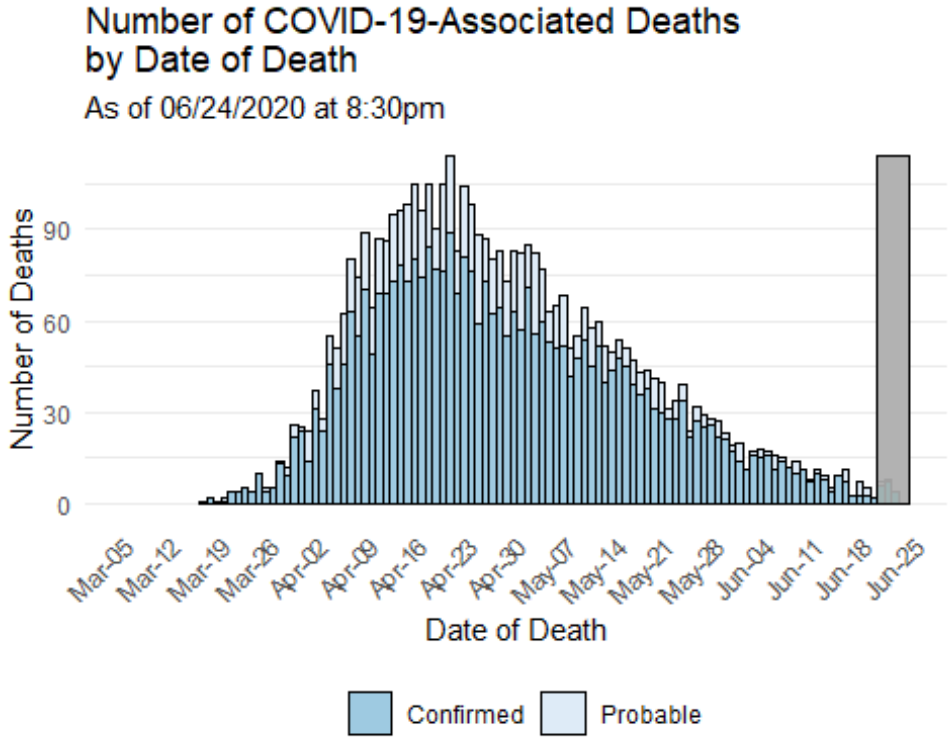
Map does not include 940 tests pending address validation.



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

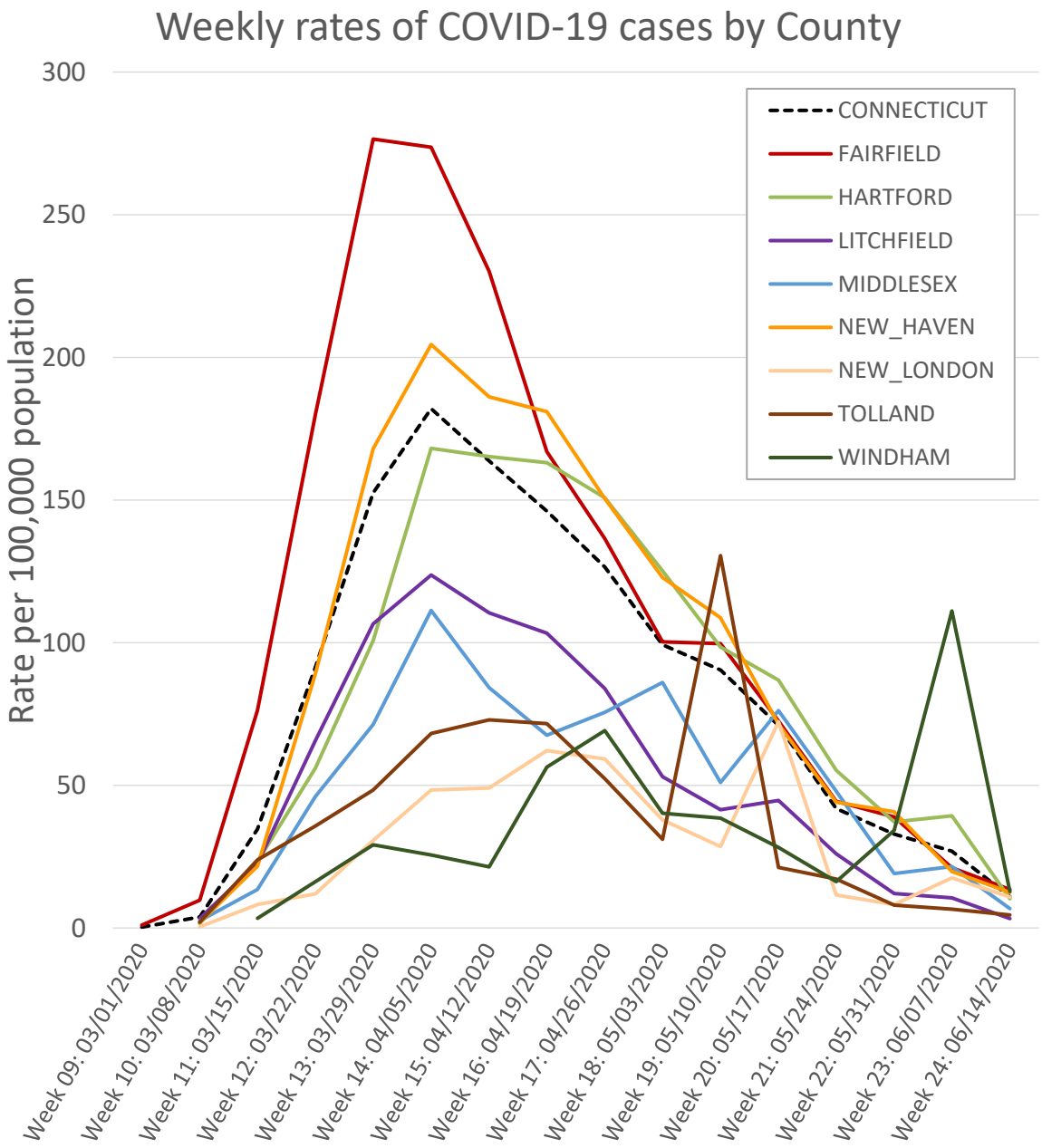
Test results may be reported several days after the result. Data are incomplete for most recent dates shaded in grey. Data from previous dates are routinely updated.





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.

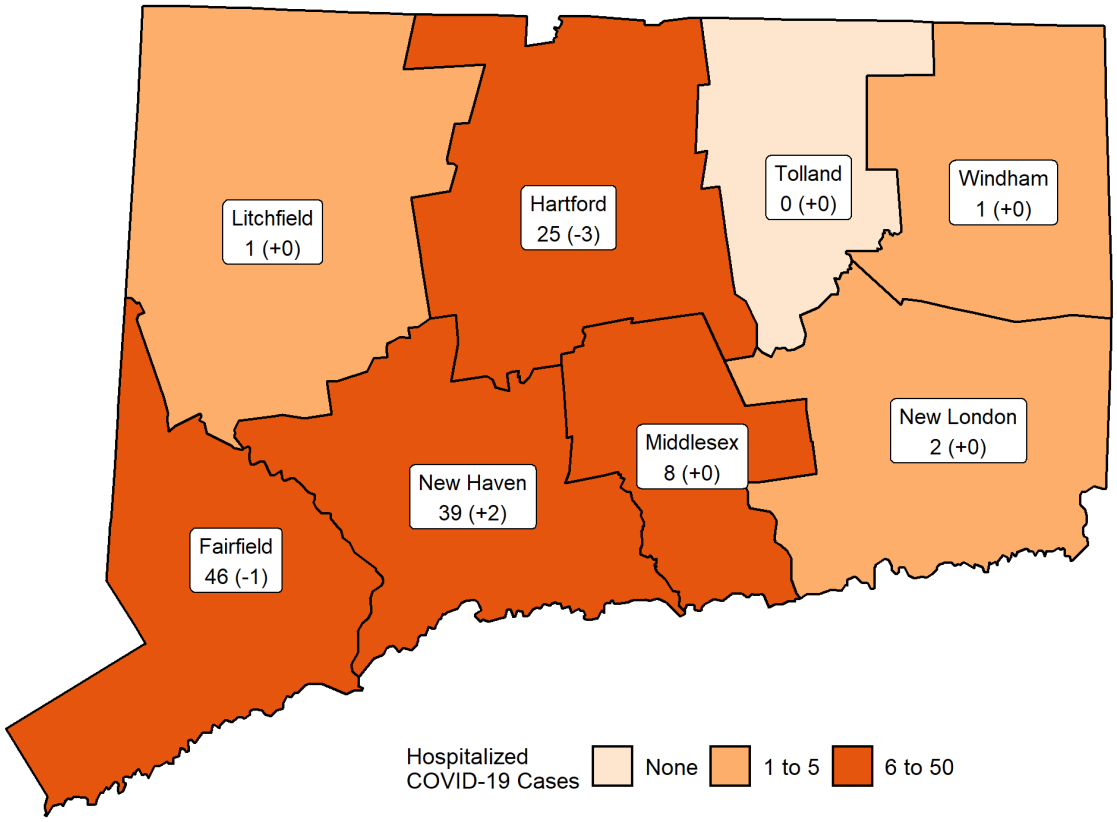


Notes:
Incidence rates are based on weekly cases divided by the estimated annual population and multiplied by 100,000.
Cases pending address validation are excluded from rate calculations.

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.

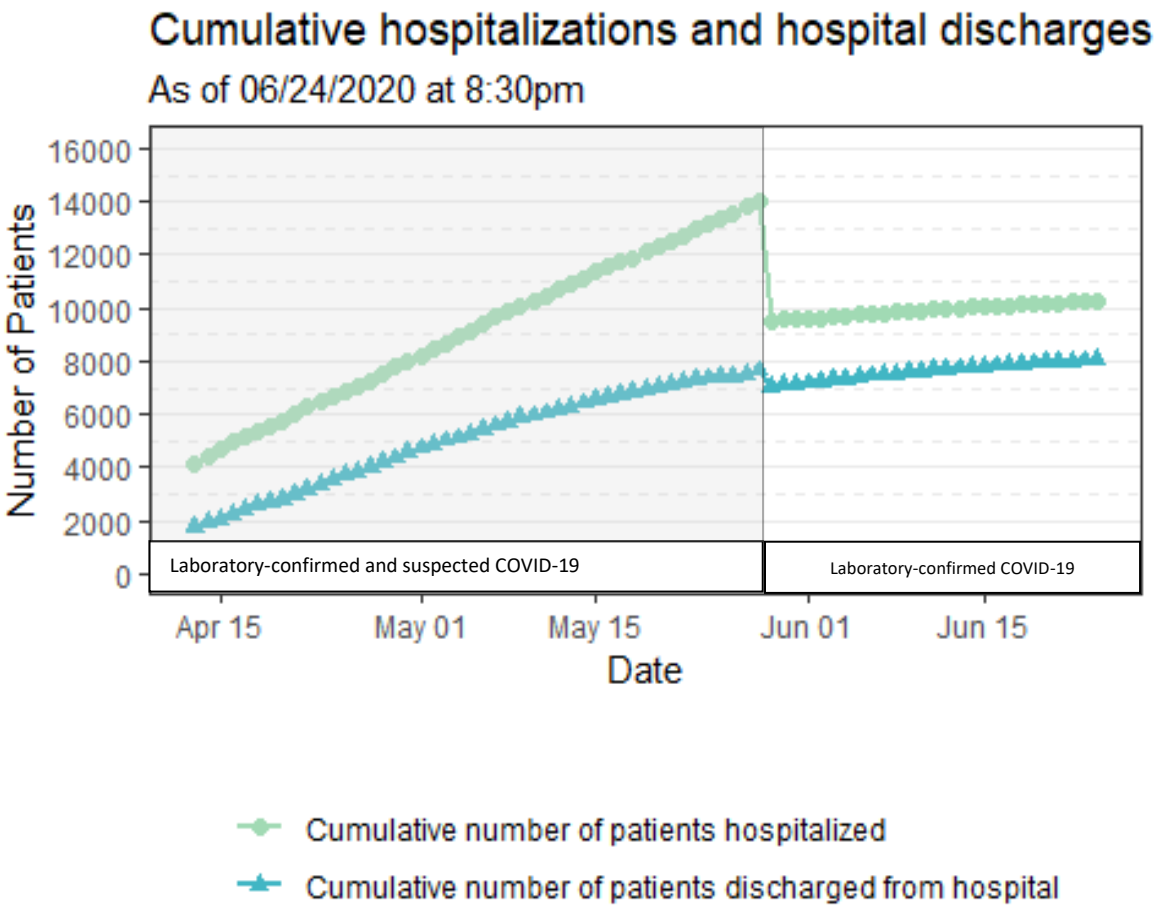
Patients Currently Hospitalized by Connecticut County
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



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, **10268** patients have been hospitalized with laboratory-confirmed COVID-19 in Connecticut and **8053** patients hospitalized with laboratory-confirmed have been discharged.



Nursing Home Surveillance

Nursing Home Point Prevalence Surveys

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.

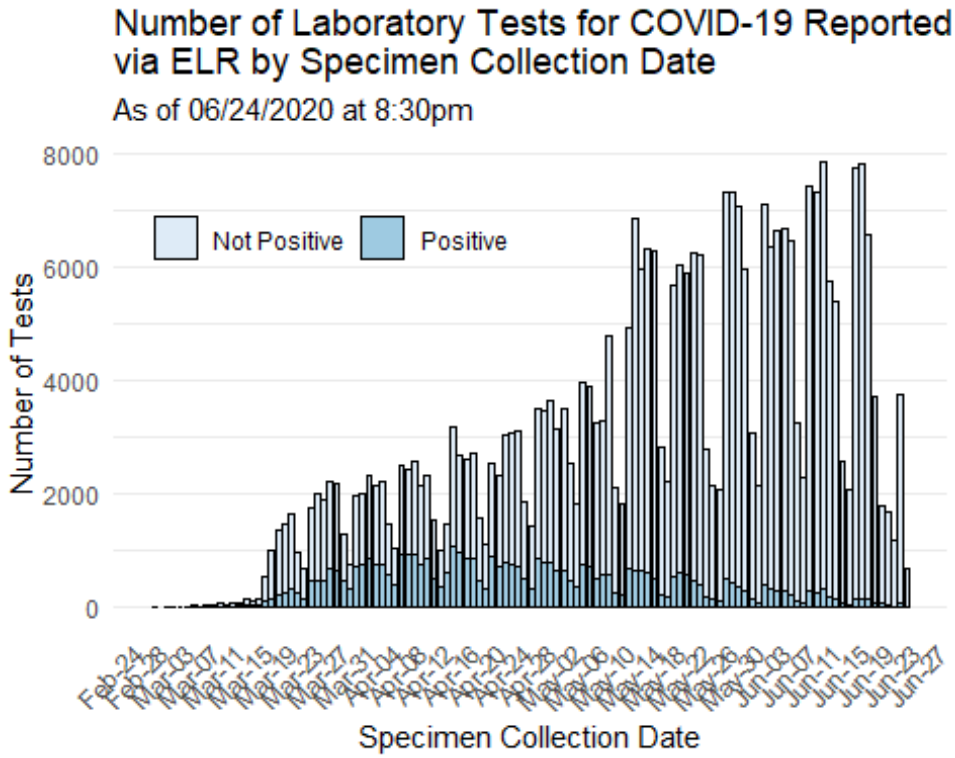
Among **196** nursing homes for which PPS data have been collected, **1,733 (14%)** of **12,336** residents tested were found to be COVID-19-positive. Most residents who tested positive did not have symptoms of COVID-19 disease at the time of testing.

COVID-19 Test Results Among Nursing Home Residents Included in the PPS Initiative

Metric	Count (%)
Total number of residents tested	**12,336**
Number of residents who tested negative	10,526 (85%)
Number of residents who tested positive	**1,733 (14%)**
Number of residents with a positive result who were asymptomatic at time of testing	1,537 (89%)

Laboratory Surveillance

To date, DPH has received reports on a total of **406967** COVID-19 laboratory tests; of these **345463** 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.

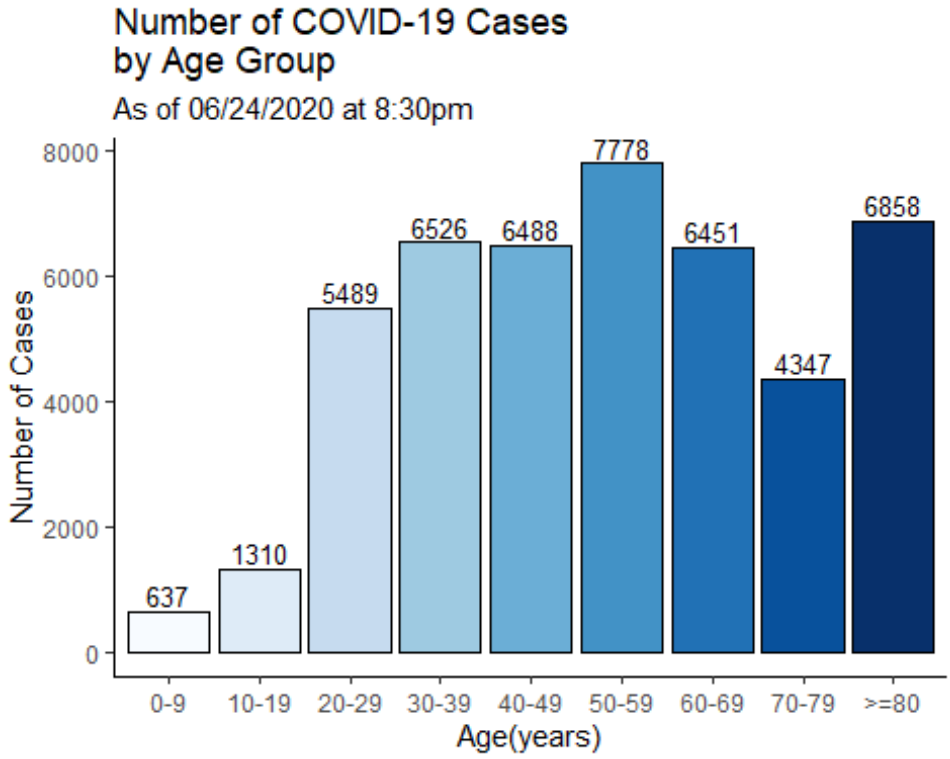


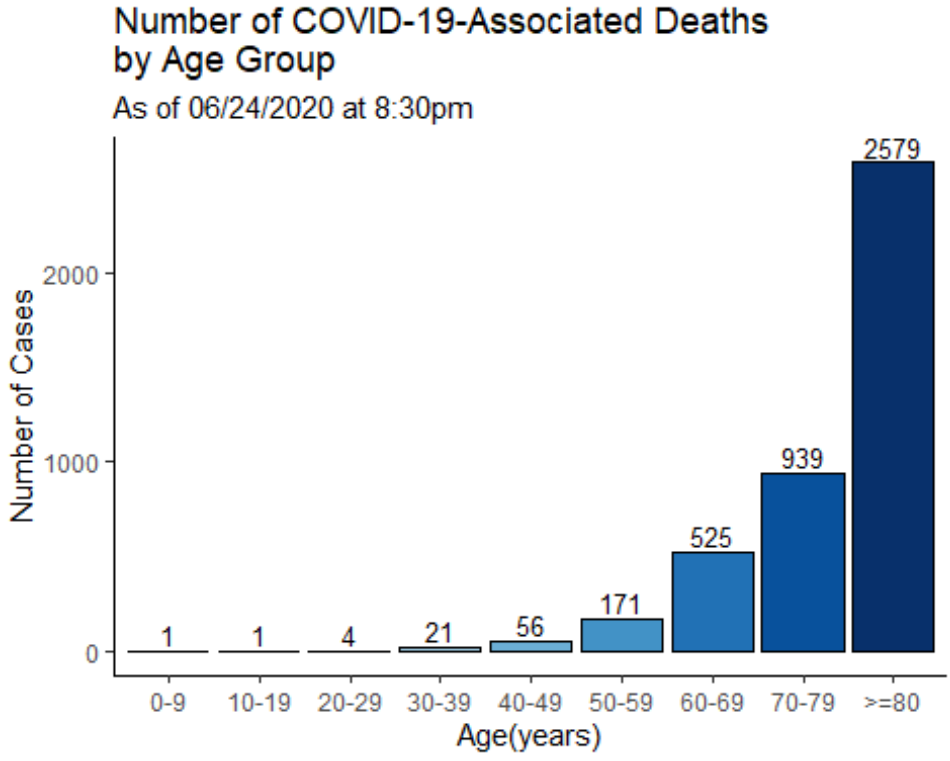
Testing of specimens collected since June 21 is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

ELR = Electronic Laboratory Reporting

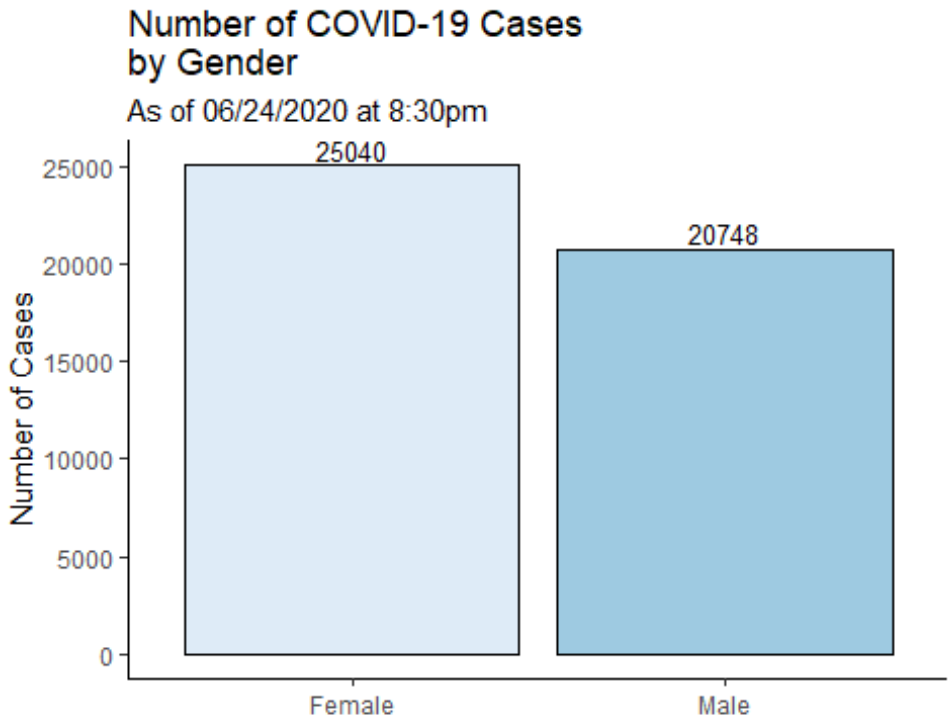
Characteristics of COVID-19 Cases and Associated Deaths

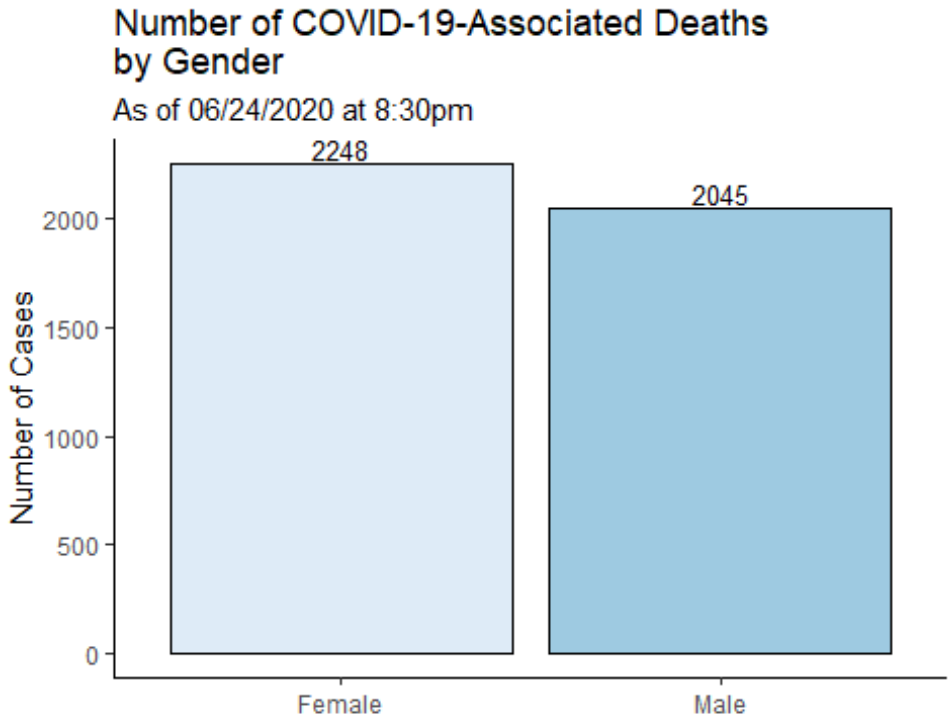
Counts may not add up to total case count because demographic data may be missing.



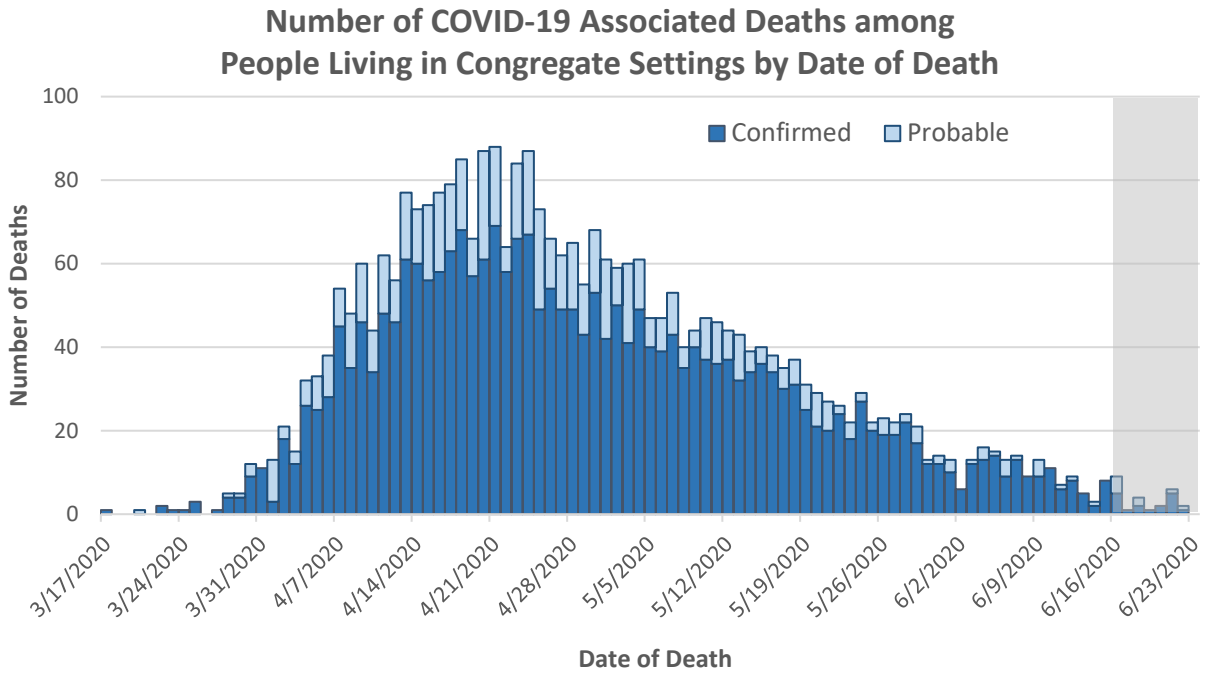


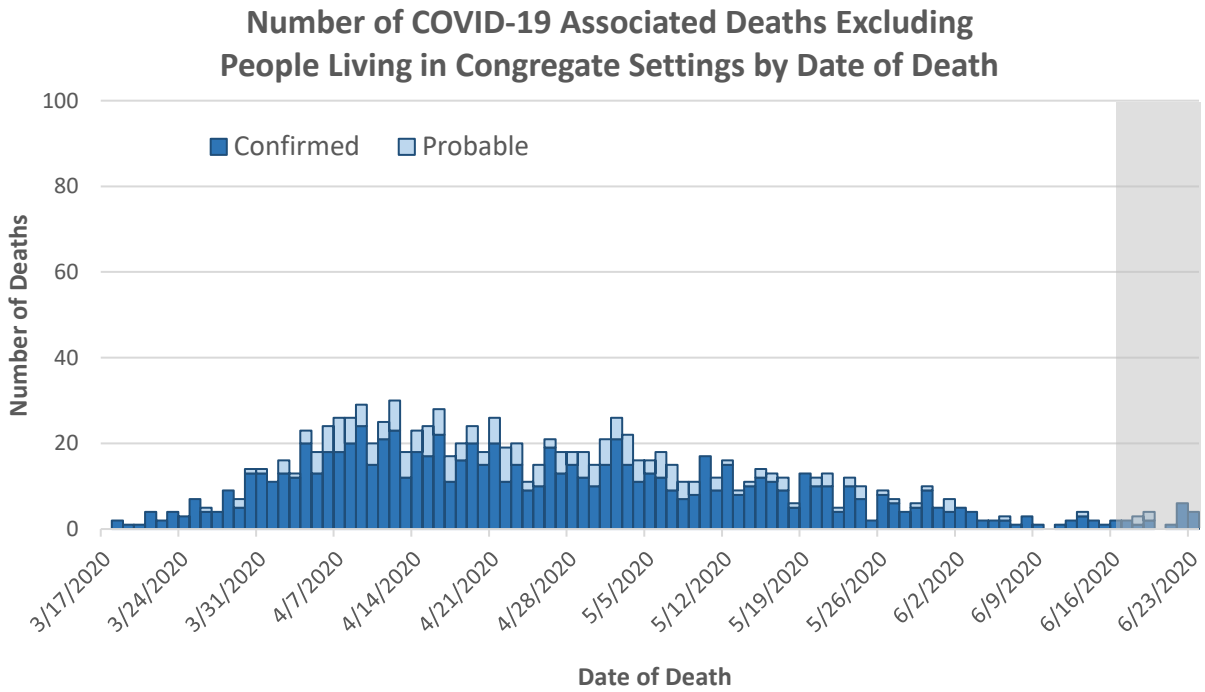
Counts may not add up to total case count because demographic data may be missing.





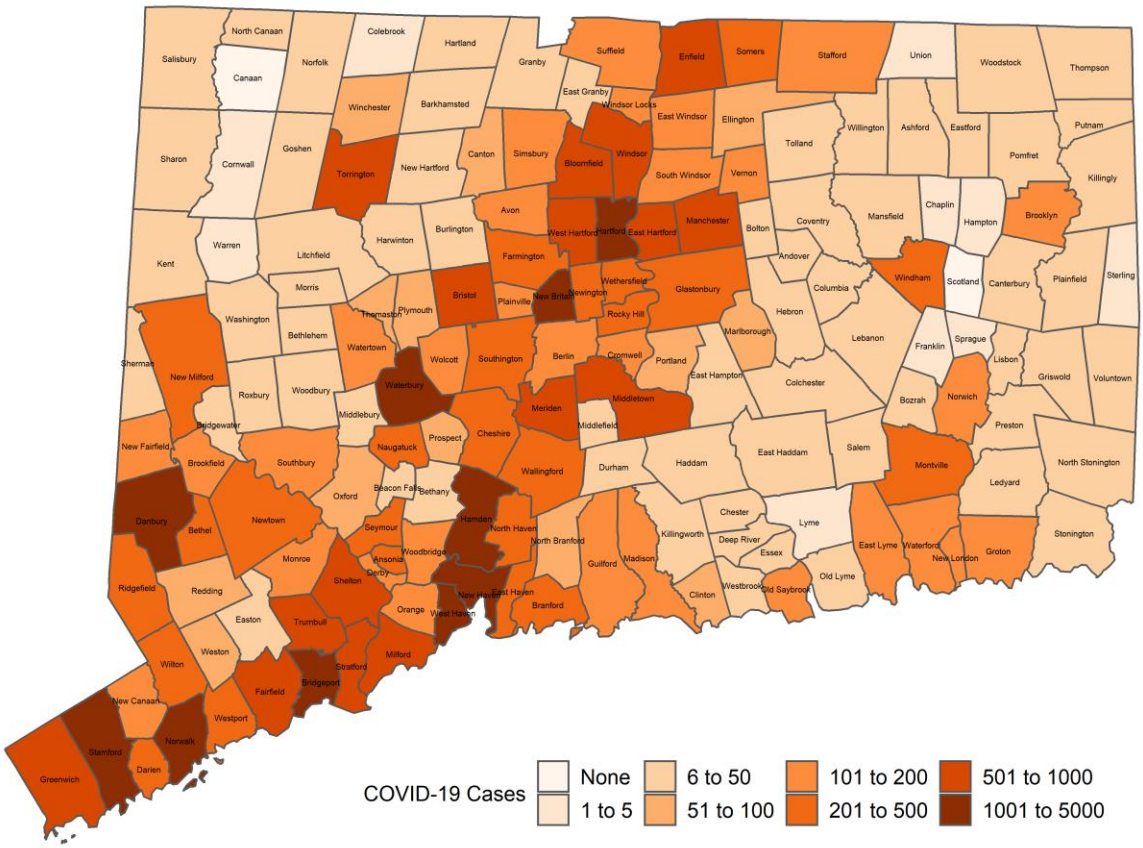
The graphs below show the number of COVID-19-associated deaths by date among people living in congregate settings, such as nursing homes, assisted living facilities, and prisons/jails (first graph) and among people who are not residents of congregate settings (second graph). *Data are incomplete for 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 250 cases pending address validation

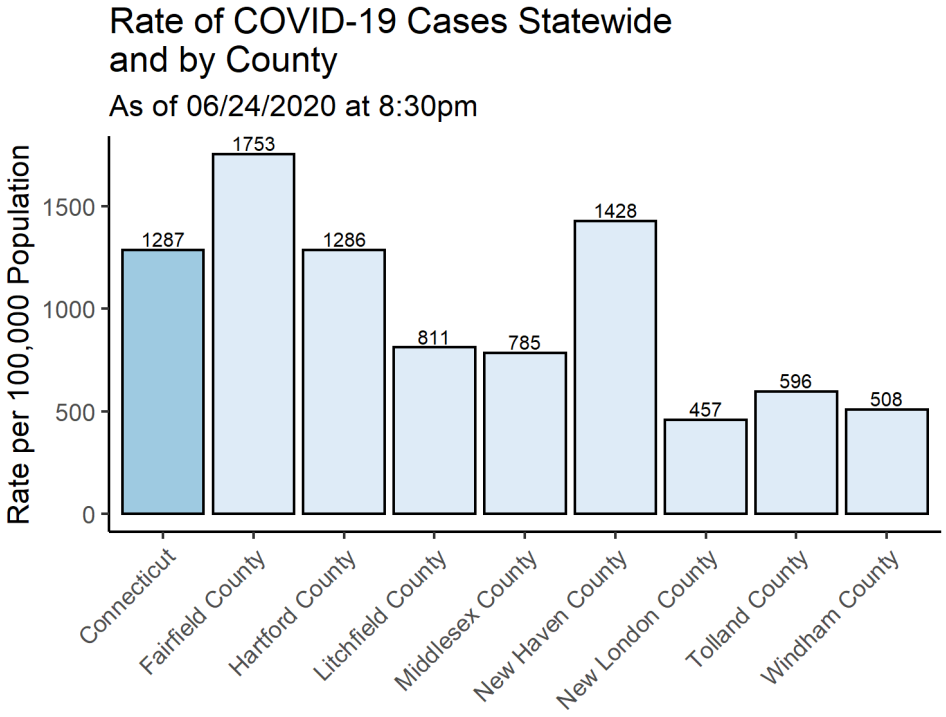


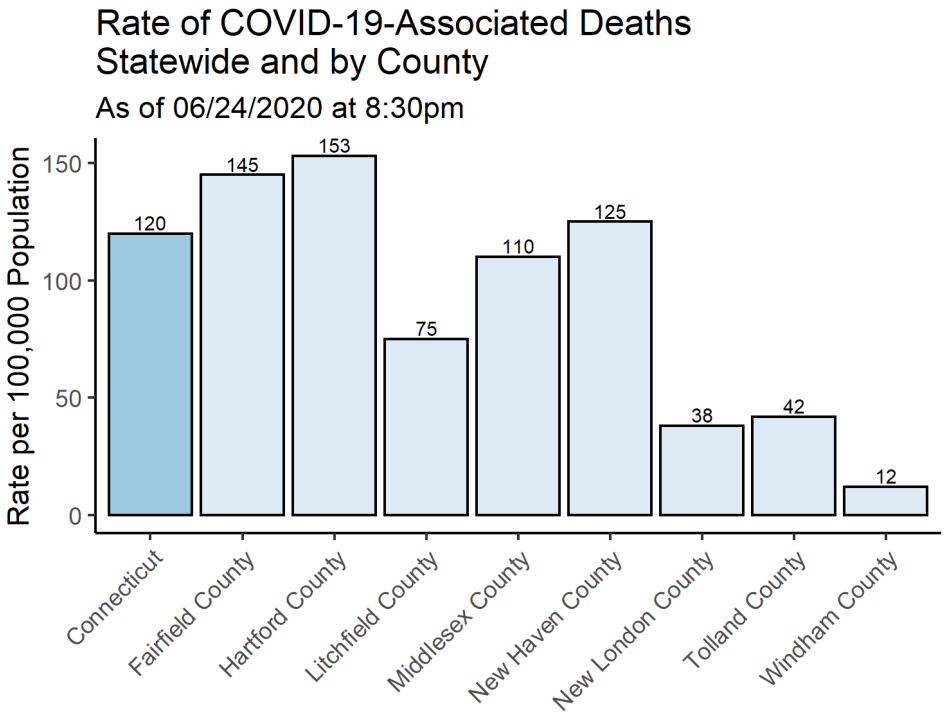
APPENDIX A. Cumulative Number of COVID-19 Cases by Town

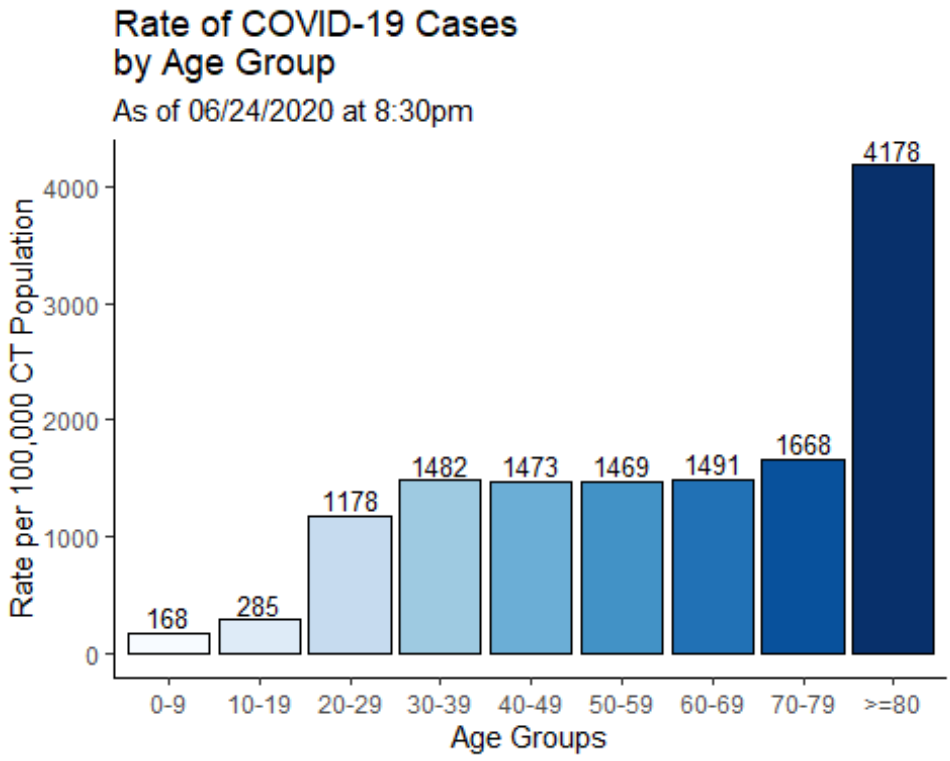
Table does not include 250 cases pending address validation

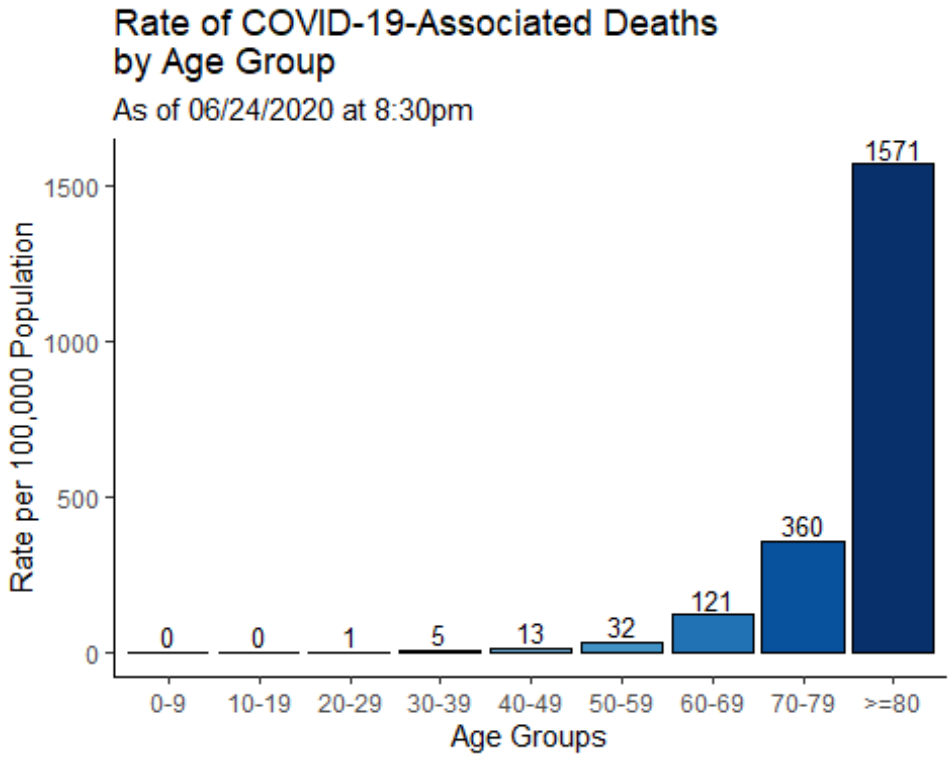
Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	9	0	Griswold	30	3	Prospect	57	0
Ansonia	274	8	Groton	113	12	Putnam	29	1
Ashford	18	0	Guilford	98	4	Redding	66	3
Avon	133	8	Haddam	28	1	Ridgefield	204	12
Barkhamsted	24	1	Hamden	984	39	Rocky Hill	394	19
Beacon Falls	50	0	Hampton	2	0	Roxbury	5	3
Berlin	155	7	Hartford	2389	144	Salem	6	0
Bethany	38	0	Hartland	6	0	Salisbury	12	0
Bethel	249	9	Harwinton	27	2	Scotland	0	0
Bethlehem	11	1	Hebron	25	2	Seymour	219	12
Bloomfield	473	31	Kent	7	1	Sharon	15	0
Bolton	20	1	Killingly	32	2	Shelton	589	41
Bozrah	7	0	Killingworth	13	0	Sherman	13	2
Branford	334	7	Lebanon	25	0	Simsbury	101	12
Bridgeport	3509	128	Ledyard	22	0	Somers	261	26
Bridgewater	8	0	Lisbon	9	0	South Windsor	150	17
Bristol	589	17	Litchfield	38	1	Southbury	188	5
Brookfield	158	4	Lyme	2	0	Southington	323	14
Brooklyn	124	1	Madison	140	7	Sprague	4	0
Burlington	25	1	Manchester	677	57	Stafford	110	8
Canaan	0	0	Mansfield	32	2	Stamford	3194	71
Canterbury	14	1	Marlborough	86	4	Sterling	2	0
Canton	84	9	Meriden	834	36	Stonington	25	5
Chaplin	3	0	Middlebury	44	3	Stratford	828	34
Cheshire	204	7	Middlefield	18	0	Suffield	120	15
Chester	45	1	Middletown	588	27	Thomaston	54	2
Clinton	54	3	Milford	645	22	Thompson	39	1
Colchester	38	2	Monroe	109	3	Tolland	40	9
Colebrook	3	0	Montville	281	6	Torrington	514	28
Columbia	23	0	Morris	13	1	Trumbull	502	48
Cornwall	5	0	Naugatuck	376	9	Union	4	1
Coventry	39	4	New Britain	981	74	Vernon	188	12
Cromwell	122	12	New Canaan	170	3	Voluntown	9	0
Danbury	1831	72	New Fairfield	112	0	Wallingford	471	13
Darien	203	3	New Hartford	25	0	Warren	5	0
Deep River	12	2	New Haven	2613	54	Washington	22	1
Derby	166	0	New London	143	6	Waterbury	1907	89
Durham	36	2	New Milford	287	6	Waterford	158	8
East Granby	9	0	Newington	372	22	Watertown	141	7
East Haddam	17	0	Newtown	224	12	West Hartford	634	52
East Hampton	45	4	Norfolk	11	1	West Haven	1031	31
East Hartford	809	62	North Branford	80	4	Westbrook	28	0
East Haven	395	22	North Canaan	5	1	Weston	63	3
East Lyme	136	11	North Haven	263	4	Westport	289	15
East Windsor	143	14	North Stonington	12	1	Wethersfield	248	5
Eastford	8	0	Norwalk	2011	55	Willington	15	0
Easton	31	1	Norwich	96	8	Wilton	182	27
Ellington	63	5	Old Lyme	21	0	Winchester	50	1
Enfield	585	11	Old Saybrook	105	3	Windham	249	2
Essex	41	0	Orange	121	1	Windsor	537	45
Fairfield	597	51	Oxford	77	3	Windsor Locks	111	6
Farmington	204	7	Plainfield	37	1	Wolcott	103	6
Franklin	5	0	Plainville	170	3	Woodbridge	140	7
Glastonbury	277	21	Plymouth	68	5	Woodbury	48	1
Goshen	8	0	Pomfret	13	0	Woodstock	16	0
Granby	21	0	Portland	66	4			
Greenwich	780	36	Preston	15	0			

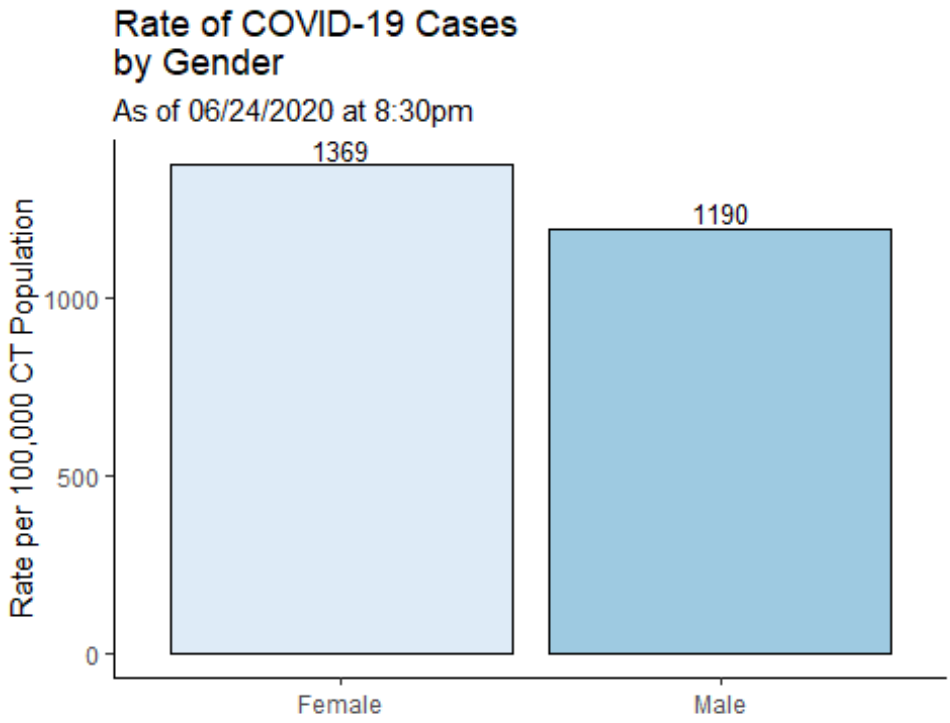
APPENDIX B. The following graphs show the number of cases per 100,000 Connecticut residents statewide and by county, age group, and gender. Population estimate from: [DPH Population Statistics]

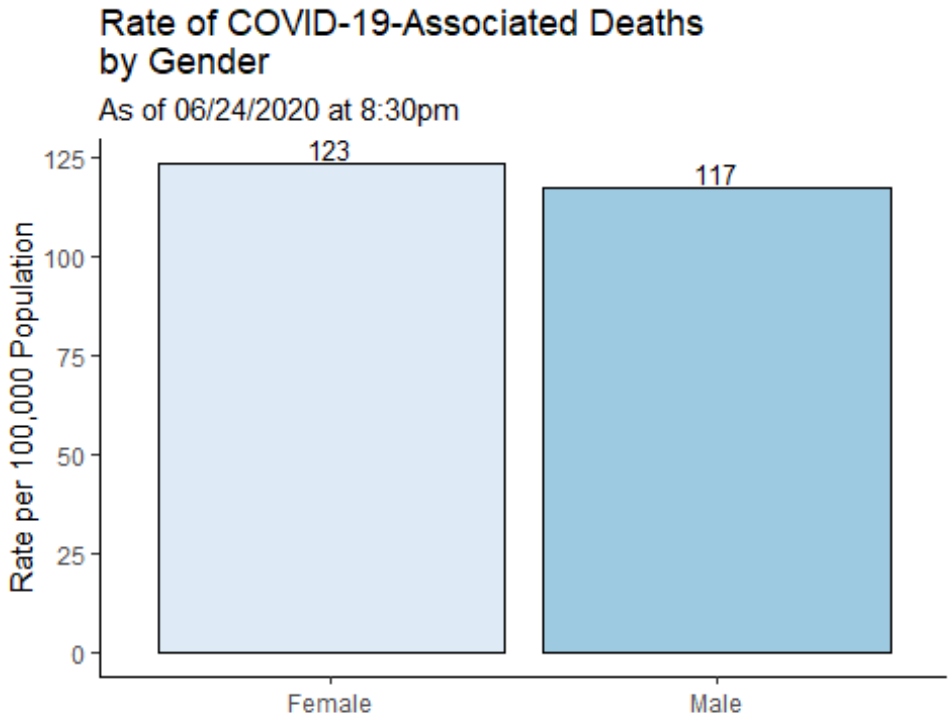




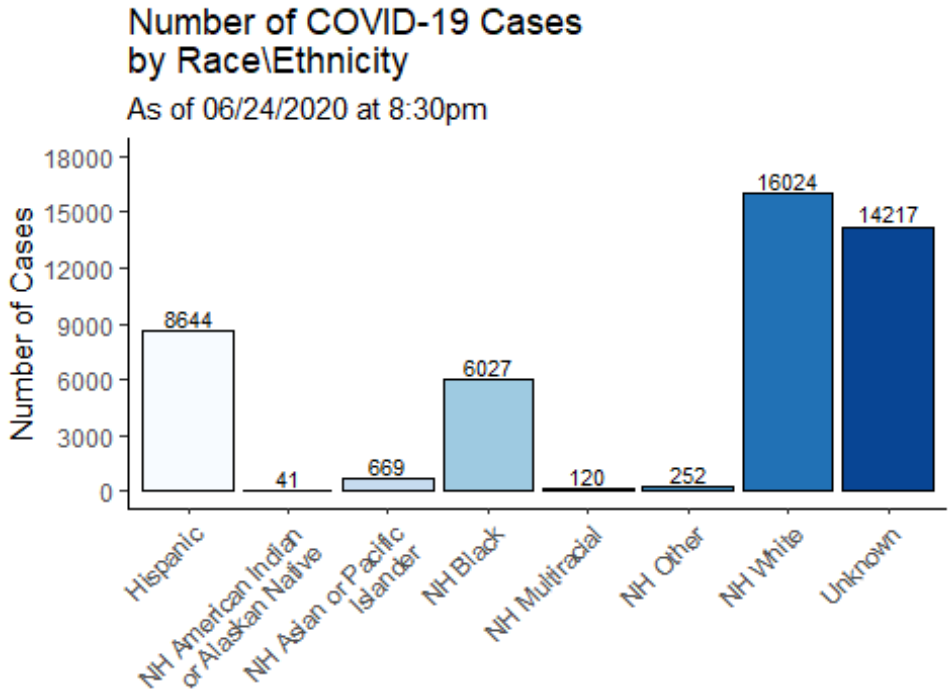

Rate of COVID-19 Cases
by Age Group
As of 06/24/2020 at 8:30pm
Rate per 100,000 CT Population
0
1000
2000
3000
4000
168
285
1178
1482
1473
1469
1491
1668
4178
0-9
10-19
20-29
30-39
40-49
50-59
60-69
70-79
>=80
Age Groups

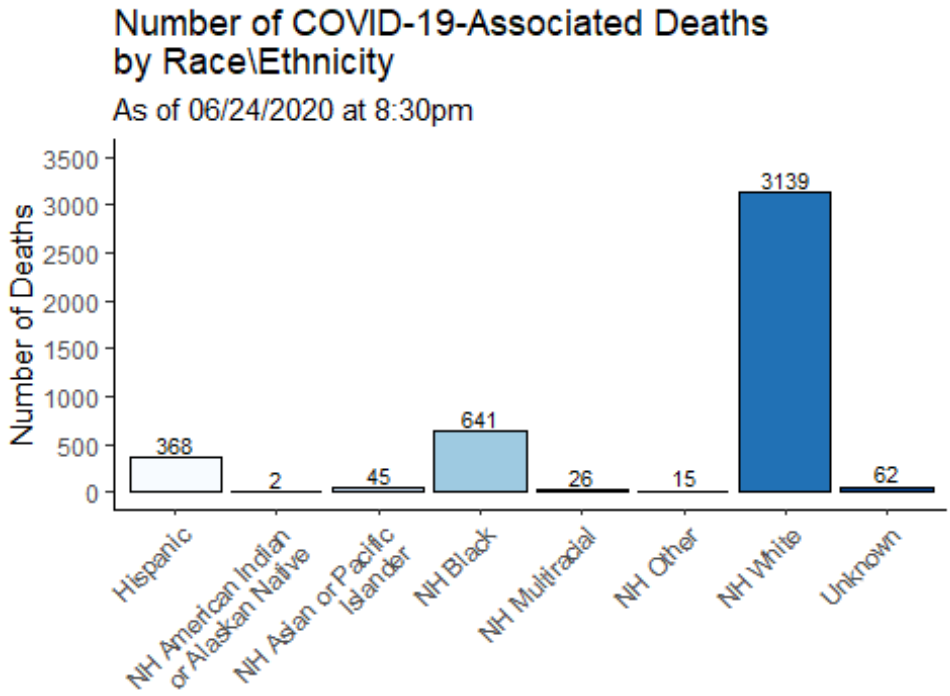

Rate of COVID-19-Associated Deaths
by Age Group
As of 06/24/2020 at 8:30pm
Rate per 100,000 Population
0
500
1000
1500
0
0
1
5
13
32
121
360
1571
0-9
10-19
20-29
30-39
40-49
50-59
60-69
70-79
>=80
Age Groups


Rate of COVID-19 Cases
by Gender
As of 06/24/2020 at 8:30pm
Rate per 100,000 CT Population
1369
1190
1000
500
0
Female
Male


Rate of COVID-19-Associated Deaths
by Gender
As of 06/24/2020 at 8:30pm
Rate per 100,000 Population
123
117
125
100
75
50
25
0
Female
Male

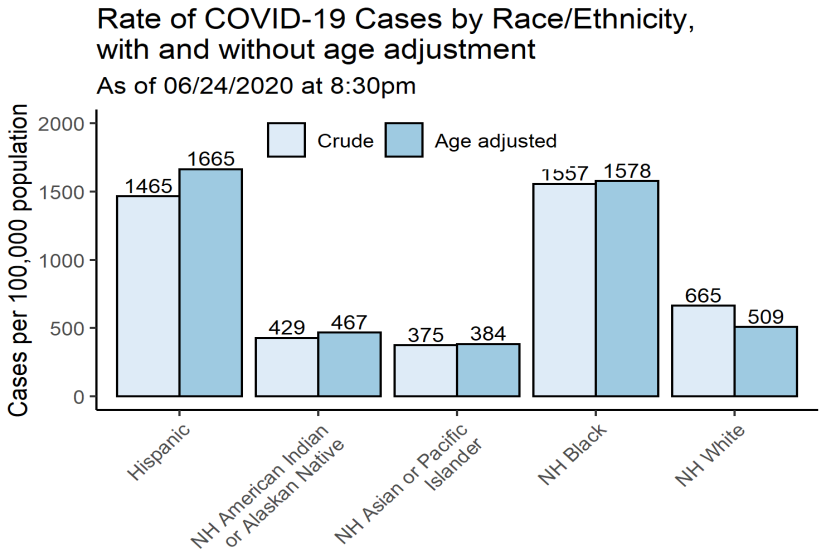
APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. *Categories are mutually exclusive. The category "multiracial" includes people who answered 'yes' to more than one race category. NH=Non-Hispanic*

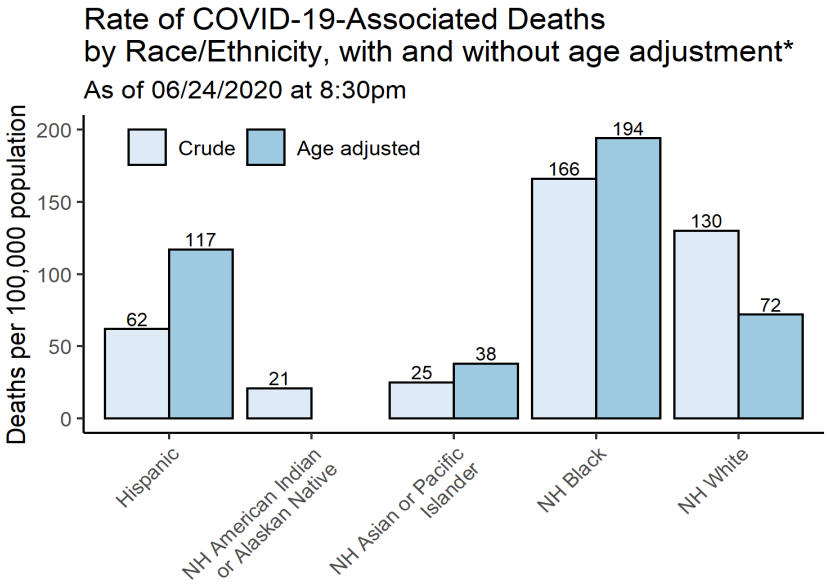




The following graphs show the number of COVID-19 cases and COVID-19-associated deaths per 100,000 population by race and ethnicity. Crude rates represent the total cases or deaths per 100,000 people. Age-adjusted rates consider the age of the person at diagnosis or death when estimating the rate and 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*