

## COVID-19 Update July 30, 2020

As of **July 29, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **49670**, including **47717** laboratory-confirmed and **1953** probable cases. **Sixty-six** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **4431** 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	49670	+130
COVID-19-Associated Deaths	4431	+6
Patients Currently Hospitalized with COVID-19	66	+13
COVID-19 PCR Tests Reported	776775	+12958

*\*\*Includes confirmed plus probable cases*

### COVID-19 Cases and Associated Deaths by County of Residence

*As of 07/29/20 8:30pm.*

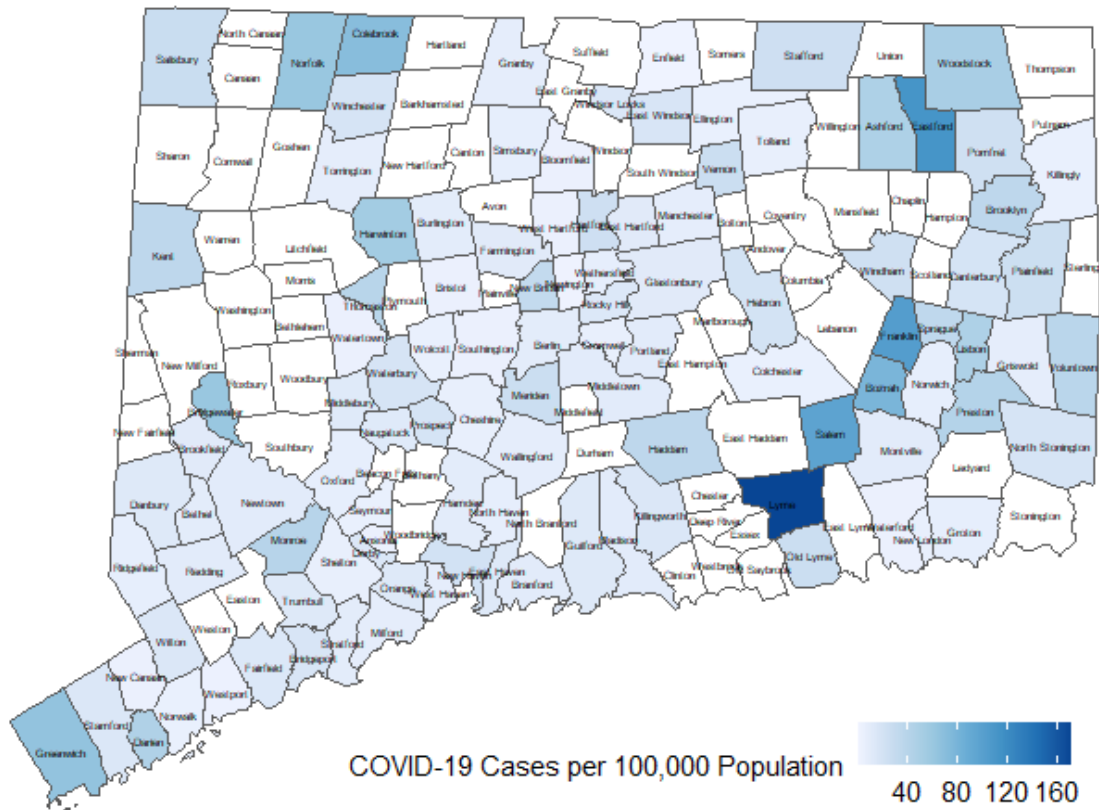
County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	17142	644	1094	312
Hartford County	11927	634	1092	319
Litchfield County	1535	64	117	21
Middlesex County	1316	61	153	38
New Haven County	12608	405	951	150
New London County	1333	63	77	26
Tolland County	948	63	52	14
Windham County	677	8	14	1
<i>Pending address validation</i>	<i>231</i>	<i>11</i>	<i>0</i>	<i>0</i>
<b>Total</b>	<b>47717</b>	<b>1953</b>	<b>3550</b>	<b>881</b>

[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.



**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 19-25**



*Map does not include 13 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 19–25, 2020**

*Table does not include 13 cases pending address validation. Rate is cases per 100,000 population.*

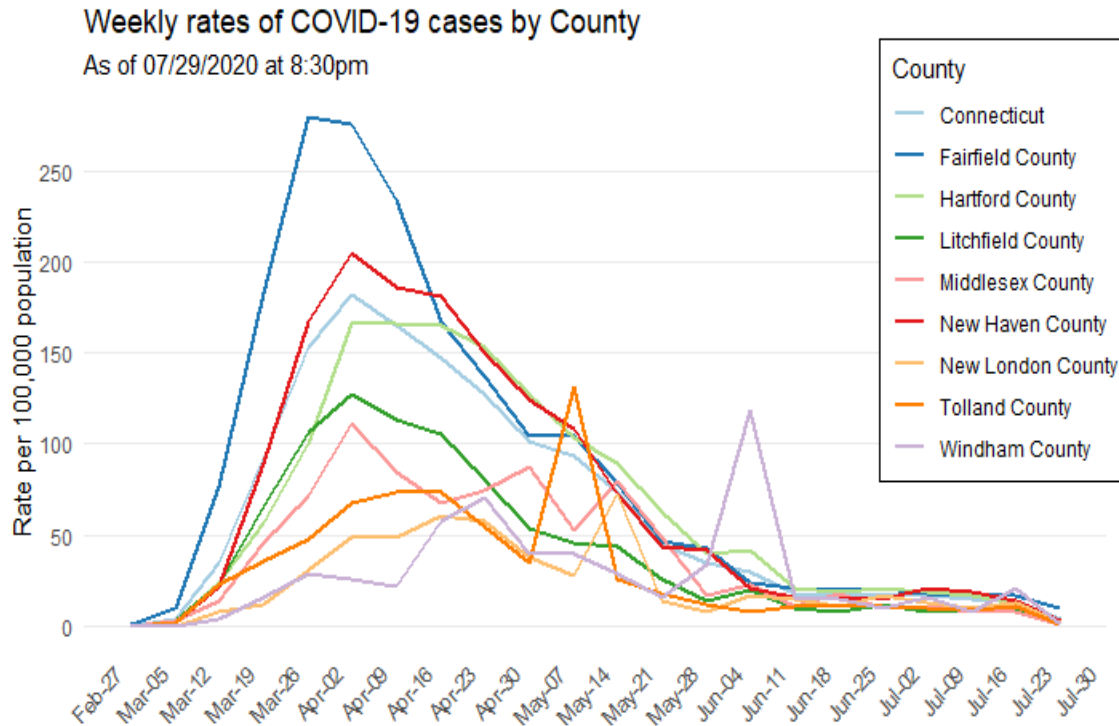
Town	Pop	Cases	Rate	Town	Pop	Cases	Rate	Town	Pop	Cases	Rate
Andover	3231	0	0	Groton	38692	< 5	8	Prospect	9790	< 5	20
Ansonia	18721	< 5	5	Guilford	22216	< 5	14	Putnam	9395	0	0
Ashford	4261	< 5	47	Haddam	8222	< 5	36	Redding	9125	< 5	11
Avon	18302	0	0	Hamden	60940	6	10	Ridgefield	25008	< 5	8
Barkhamsted	3624	0	0	Hampton	1853	0	0	Rocky Hill	20145	< 5	15
Beacon Falls	6182	0	0	Hartford	122587	31	25	Roxbury	2160	0	0
Berlin	20432	< 5	10	Hartland	2120	0	0	Salem	4123	< 5	97
Bethany	5479	0	0	Harwinton	5430	< 5	55	Salisbury	3598	< 5	28
Bethel	19714	< 5	10	Hebron	9482	< 5	21	Scotland	1685	0	0
Bethlehem	3422	0	0	Kent	2785	< 5	36	Seymour	16509	< 5	6
Bloomfield	21301	< 5	5	Killingly	17287	< 5	6	Sharon	2703	0	0
Bolton	4890	0	0	Killingworth	6370	< 5	16	Shelton	41097	< 5	7
Bozrah	2537	< 5	79	Lebanon	7207	0	0	Sherman	3614	0	0
Branford	28005	< 5	11	Ledyard	14736	0	0	Simsbury	24979	< 5	8
Bridgeport	144900	26	18	Lisbon	4248	< 5	47	Somers	10834	0	0
Bridgewater	1641	< 5	61	Litchfield	8127	0	0	South			
Bristol	60032	< 5	5	Lyme	2338	< 5	171	Windsor	26054	0	0
Brookfield	17002	< 5	12	Madison	18106	< 5	11	Southbury	19656	0	0
Brooklyn	8280	< 5	36	Manchester	57699	5	9	Southington	43807	< 5	5
Burlington	9665	< 5	10	Mansfield	25817	0	0	Sprague	2889	< 5	35
Canaan	1055	0	0	Marlborough	6358	0	0	Stafford	11884	< 5	25
Canterbury	5100	< 5	20	Meriden	59540	16	27	Stamford	129775	21	16
Canton	10270	0	0	Middlebury	7731	< 5	13	Sterling	3780	0	0
Chaplin	2256	0	0	Middlefield	4380	0	0	Stonington	18449	0	0
Cheshire	29179	< 5	7	Middletown	46146	5	11	Stratford	51967	5	10
Chester	4229	0	0	Milford	54661	5	9	Suffield	15743	0	0
Clinton	12950	0	0	Monroe	19470	8	41	Thomaston	7560	< 5	40
Colchester	15936	< 5	6	Montville	18716	< 5	11	Thompson	9395	0	0
Colebrook	1405	< 5	71	Morris	2262	0	0	Tolland	14655	< 5	7
Columbia	5385	0	0	Naugatuck	31288	< 5	13	Torrington	34228	< 5	9
Cornwall	1368	0	0	New Britain	72453	23	32	Trumbull	35802	5	14
Coventry	12414	0	0	New Canaan	20213	< 5	5	Union	840	0	0
Cromwell	13905	< 5	7	New Fairfield	13877	0	0	Vernon	29303	8	27
Danbury	84730	12	14	New Hartford	6685	0	0	Voluntown	2535	< 5	39
Darien	21753	10	46	New Haven	130418	29	22	Wallingford	44535	< 5	9
Deep River	4463	0	0	New London	26939	< 5	7	Warren	1399	0	0
Derby	12515	< 5	16	New Milford	26974	0	0	Washington	3434	0	0
Durham	7195	0	0	Newington	30112	< 5	3	Waterbury	108093	21	19
East Granby	5147	0	0	Newtown	27774	< 5	11	Waterford	18887	< 5	5
East Haddam	8988	0	0	Norfolk	1640	< 5	61	Watertown	21641	< 5	5
East Hampton	12854	0	0	North				West Hartford	62939	< 5	5
East Hartford	49998	6	12	Branford	14158	0	0	West Haven	54879	5	9
East Haven	28699	< 5	14	North Canaan	3254	0	0	Westbrook	6914	0	0
East Lyme	18645	0	0	North Haven	23691	< 5	8	Weston	10247	0	0
East Windsor	11375	< 5	18	North				Westport	28115	< 5	4
Eastford	1790	< 5	112	Stonington	5243	< 5	19	Wethersfield	26082	< 5	8
Easton	7517	0	0	Norwalk	89047	5	6	Willington	5887	0	0
Ellington	16299	< 5	6	Norwich	39136	< 5	8	Wilton	18397	< 5	16
Enfield	44466	< 5	2	Old Lyme	7366	< 5	27	Winchester	10655	< 5	19
Essex	6674	0	0	Old Saybrook	10087	0	0	Windham	24706	6	24
Fairfield	61952	9	15	Orange	13949	< 5	14	Windsor	28760	0	0
Farmington	25506	< 5	12	Oxford	13226	< 5	8	Windsor Locks	12876	< 5	16
Franklin	1933	< 5	103	Plainfield	15173	< 5	26	Wolcott	16649	< 5	6
Glastonbury	34491	< 5	12	Plainville	17623	0	0	Woodbridge	8805	0	0
Goshen	2879	0	0	Plymouth	11645	0	0	Woodbury	9537	0	0
Granby	11375	< 5	9	Pomfret	4204	< 5	24	Woodstock	7862	< 5	51
Greenwich	62727	41	65	Portland	9305	< 5	11				
Griswold	11591	< 5	9	Preston	4638	< 5	43				

All data are preliminary and subject to change. Updated 7/23/2020.



## 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.

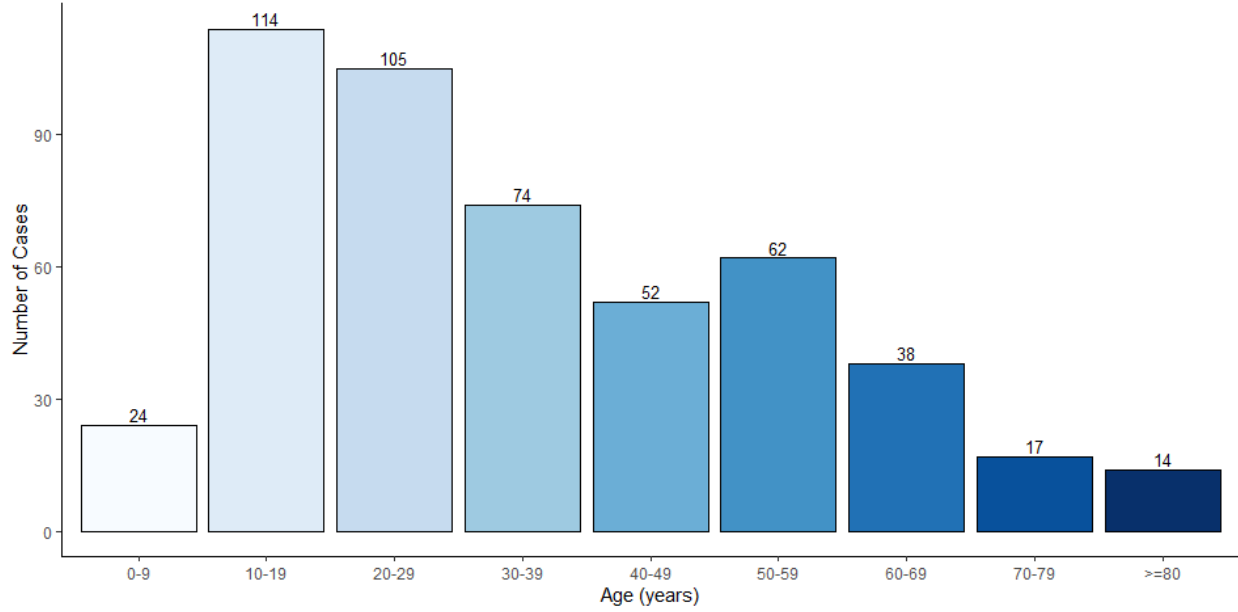


*Notes: Incidence rates are based on weekly cases divided by the estimated annual population and multiplied by 100,000. Cases pending address validation are excluded from rate calculations.*

## Age Distribution of COVID-19 Cases with Specimen Collection or Onset During July 19–25, 2020

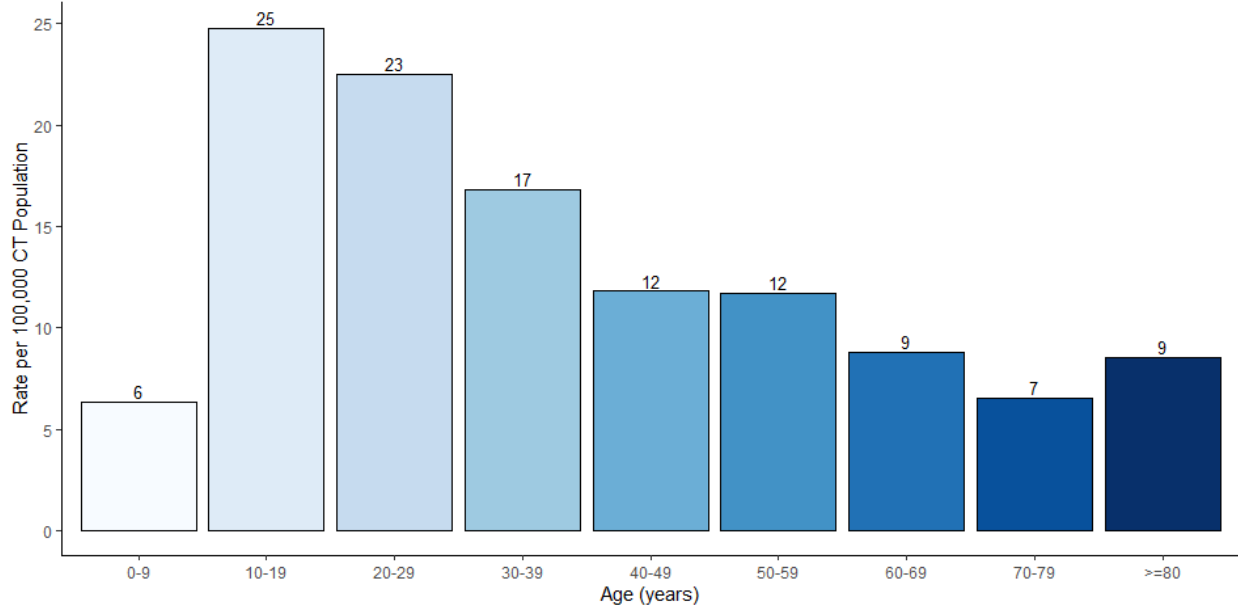
Number of New COVID-19 Cases by Age Group with Collection or Onset during July 19-25

As of 07/29/2020 at 8:30pm



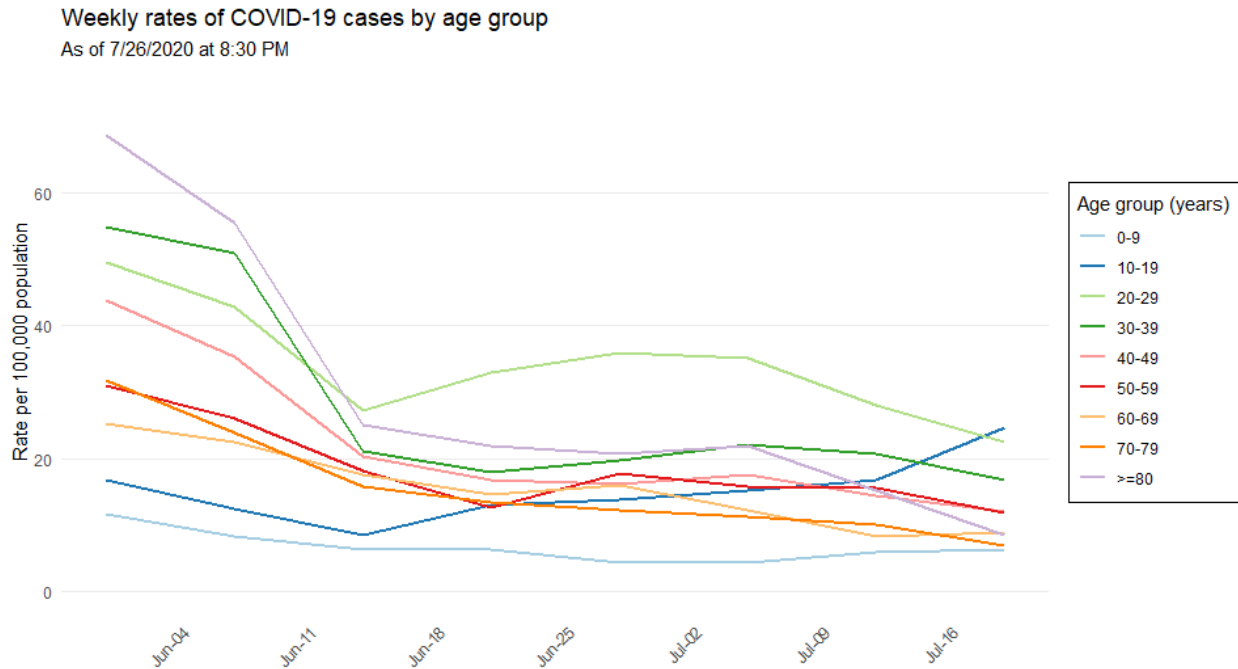
Rate of COVID-19 Cases by Age Group with Collection or Onset during July 19-25

As of 07/29/2020 at 8:30pm



## Weekly Incidence by County

The chart below shows the number of new COVID-19 cases per week per 100,000 population by age group during May 31–July 29, 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.

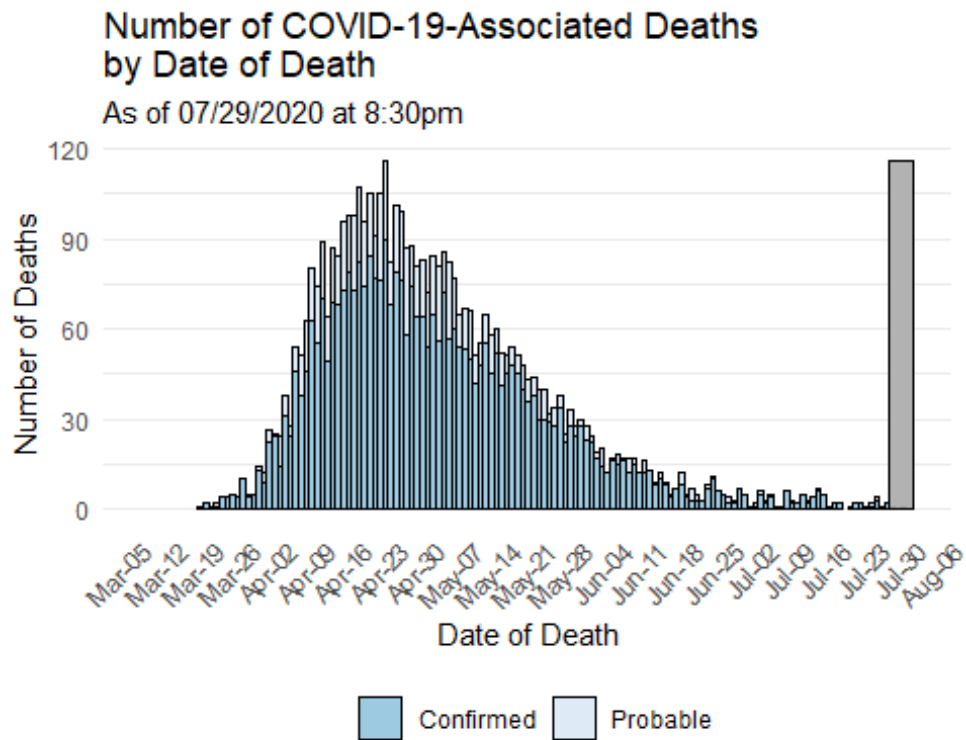
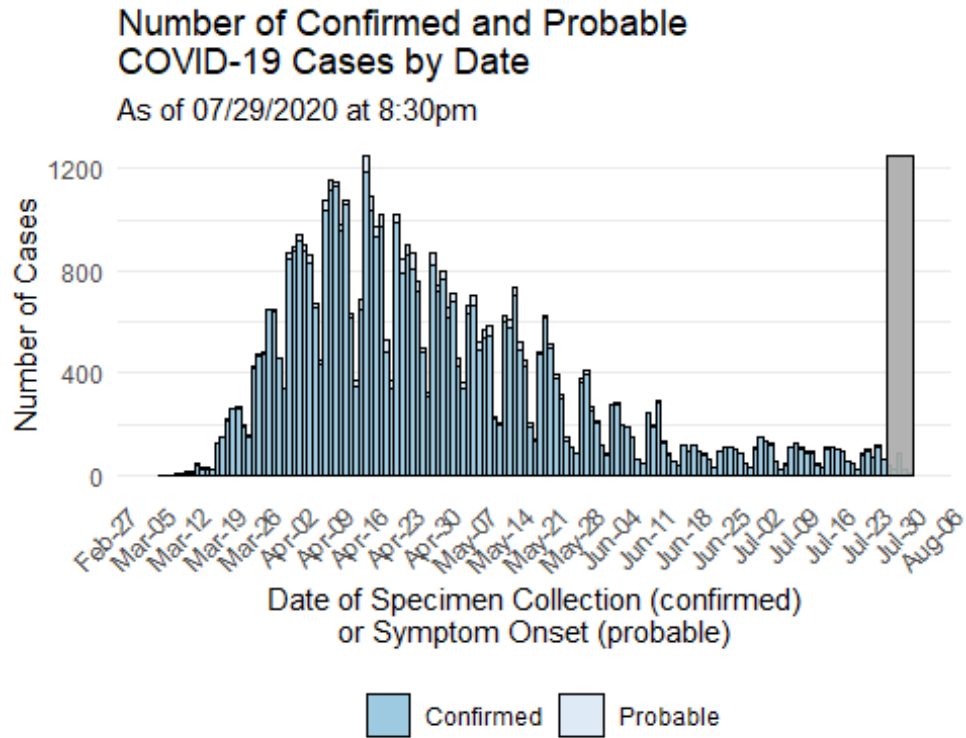


Notes: Incidence rates are based on weekly cases divided by the estimated annual population and multiplied by 100,000. Cases missing data on age are excluded from rate calculations.



## 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.

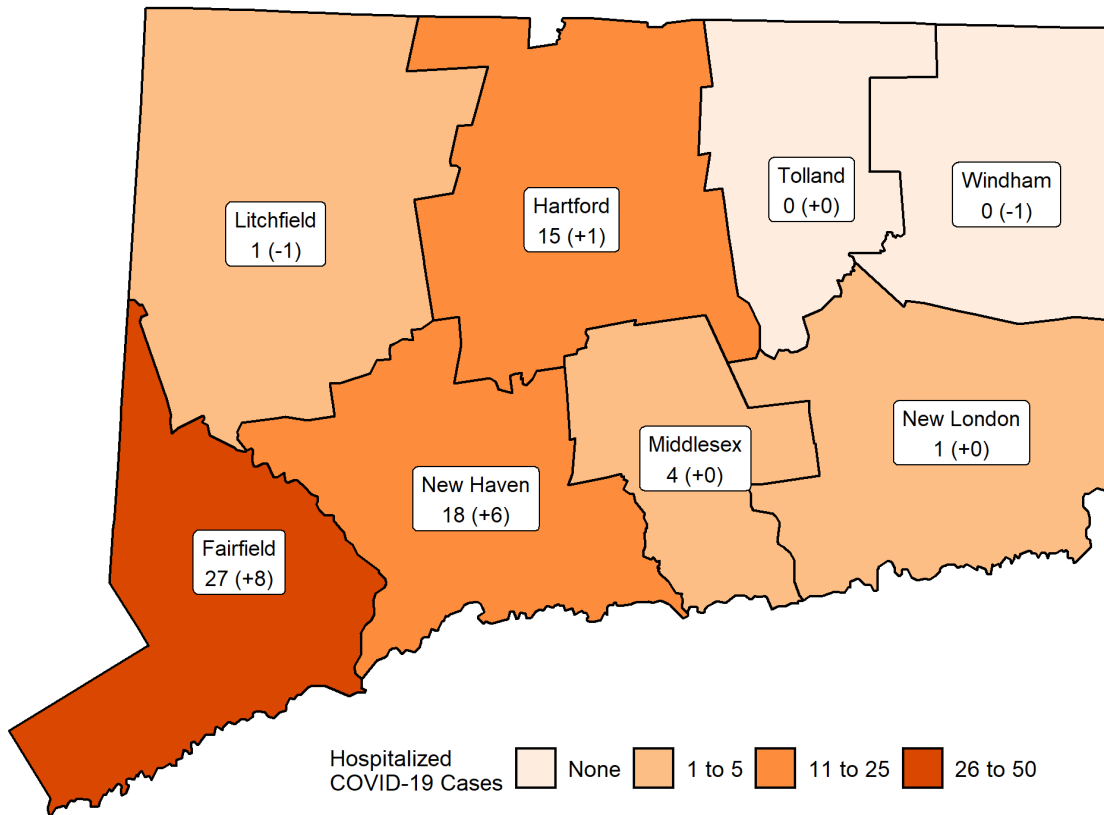


## Hospitalization Surveillance

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

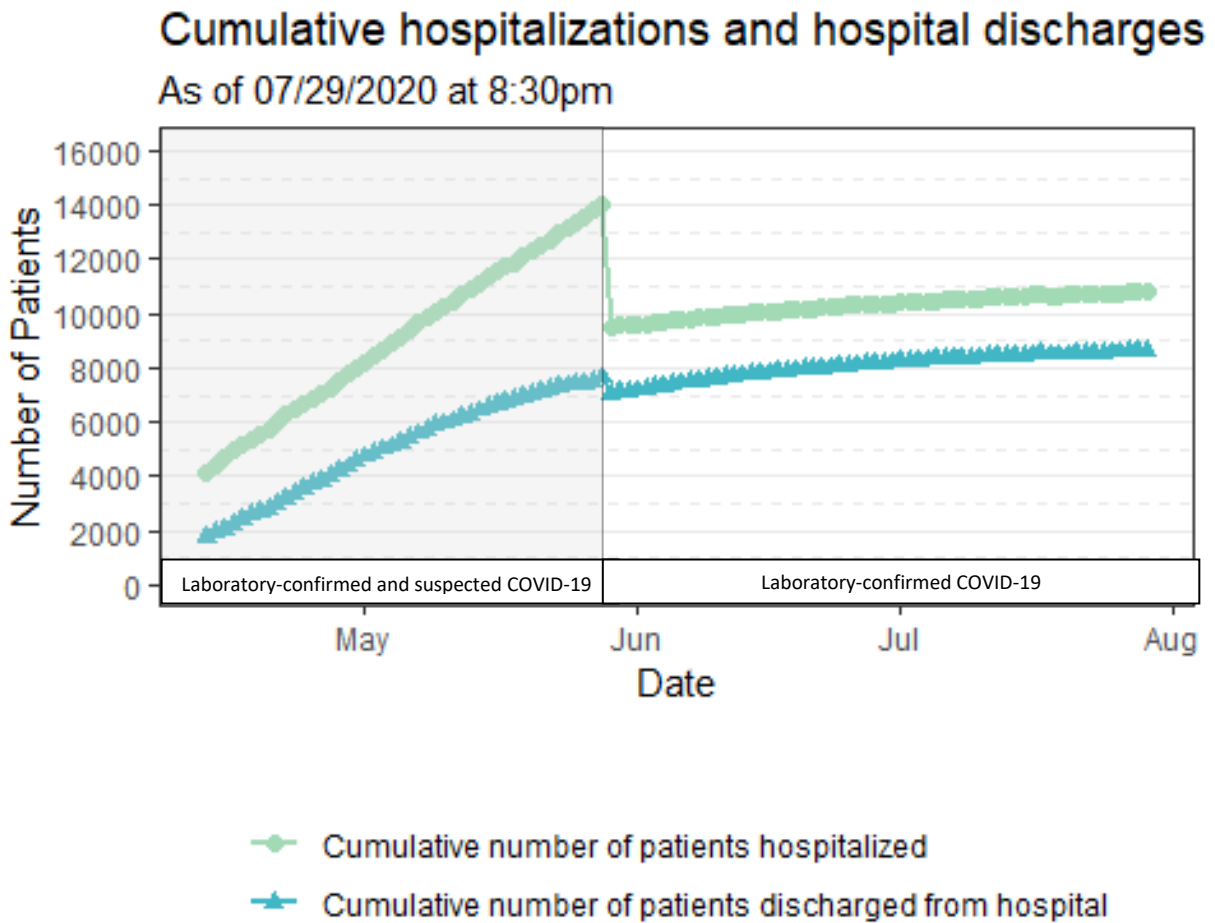
*Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.*



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

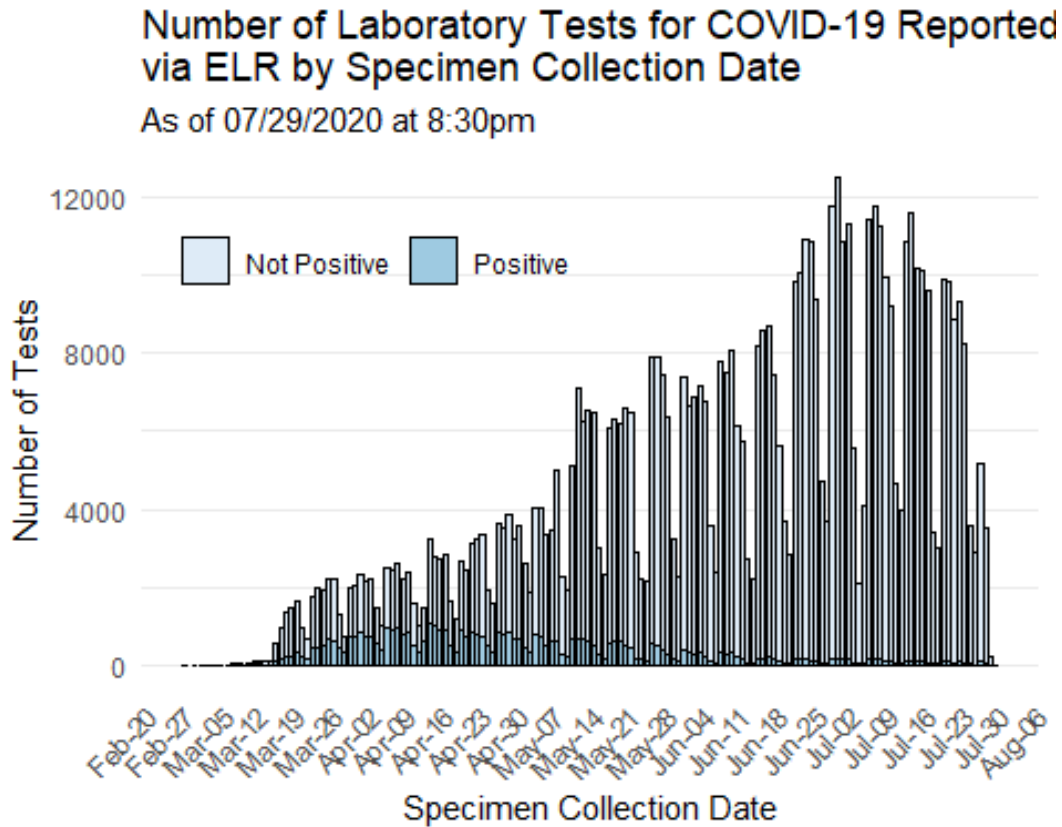
## Cumulative hospitalizations and cumulative hospital discharges for COVID-19

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, **10807** patients have been hospitalized with laboratory-confirmed COVID-19 in Connecticut and **8613** patients hospitalized with laboratory-confirmed have been discharged.



## Laboratory Surveillance

To date, DPH has received reports on a total of 776775 COVID-19 laboratory tests; of these 665705 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.

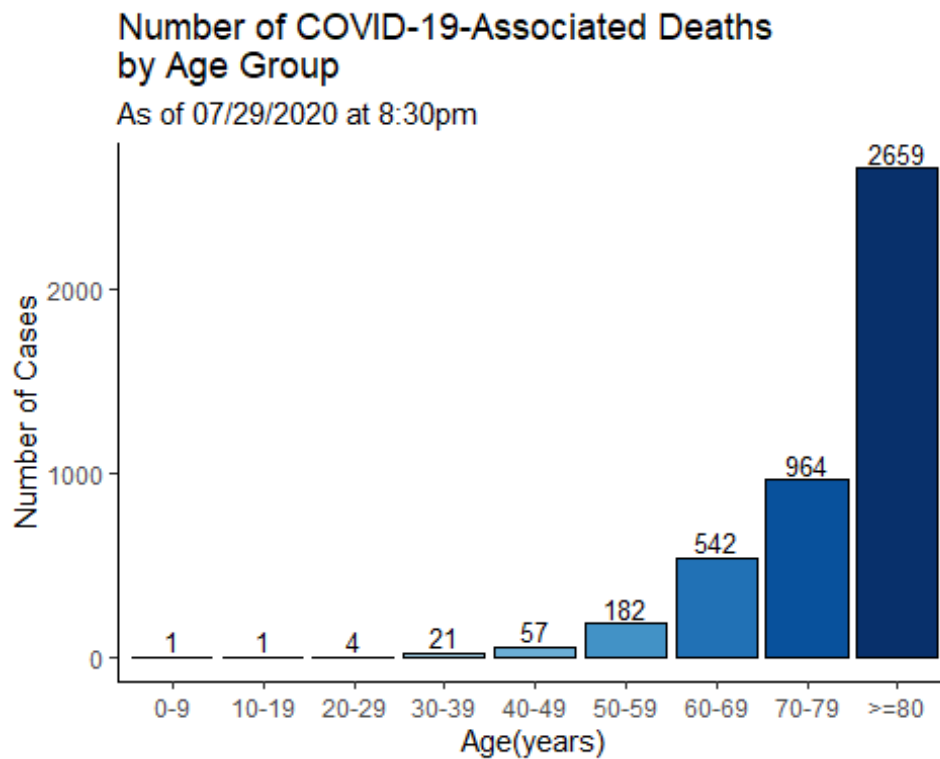
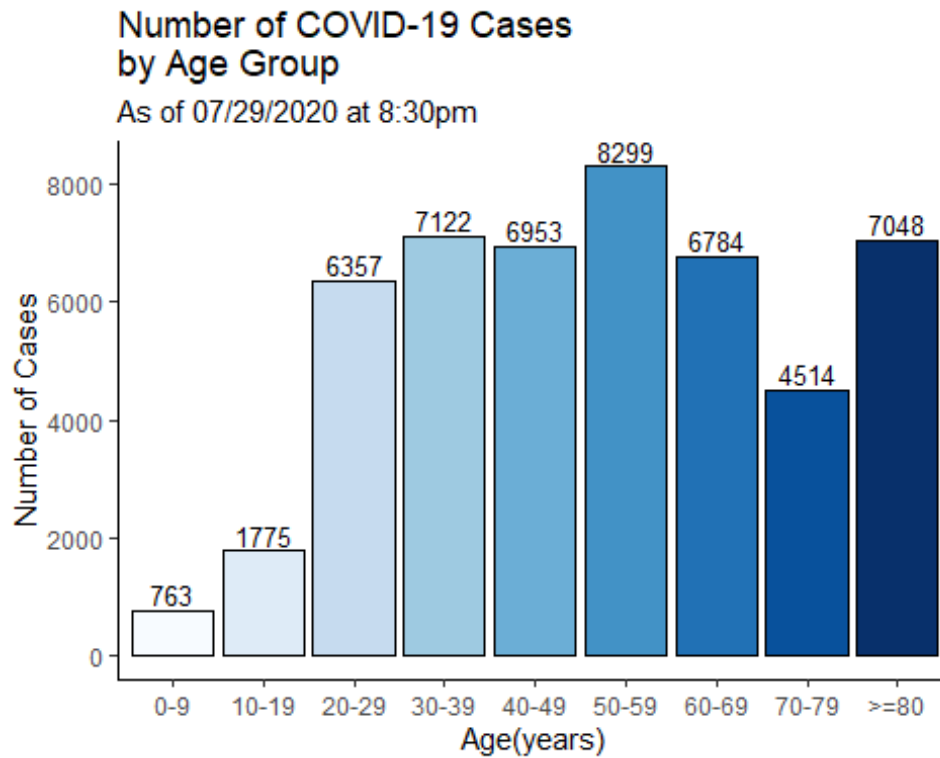


*Testing of specimens collected since July 25 is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.*

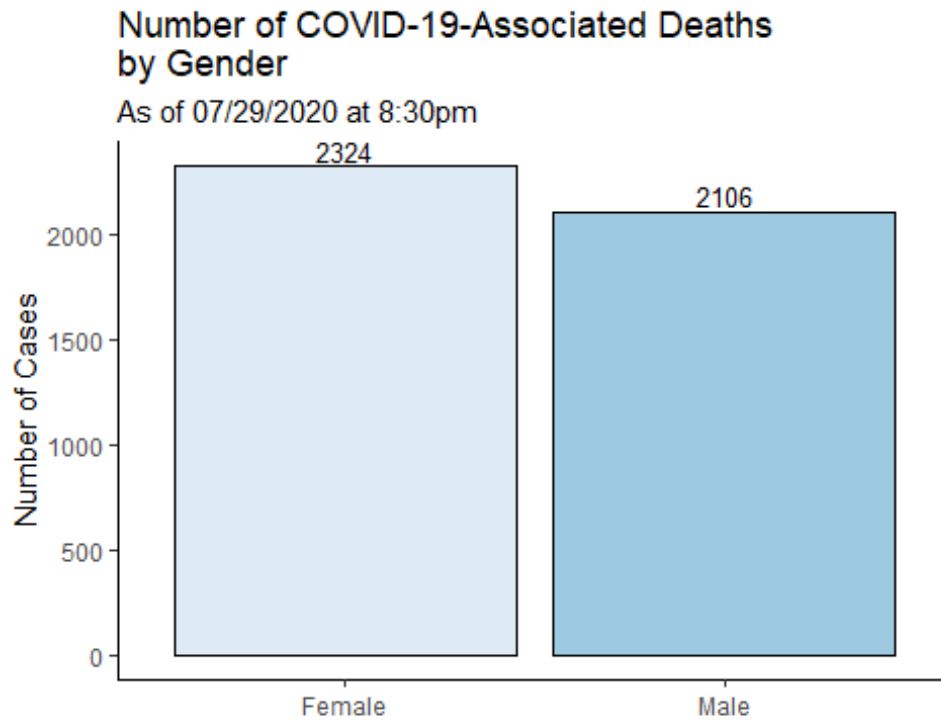
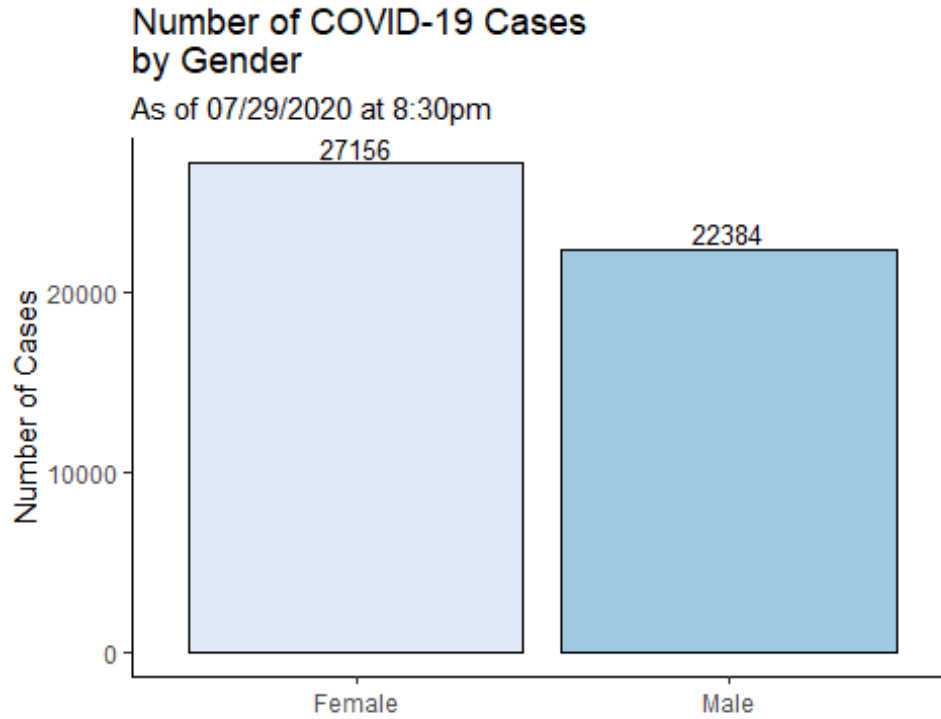
*ELR = Electronic Laboratory Reporting*

## Characteristics of COVID-19 Cases and Associated Deaths

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

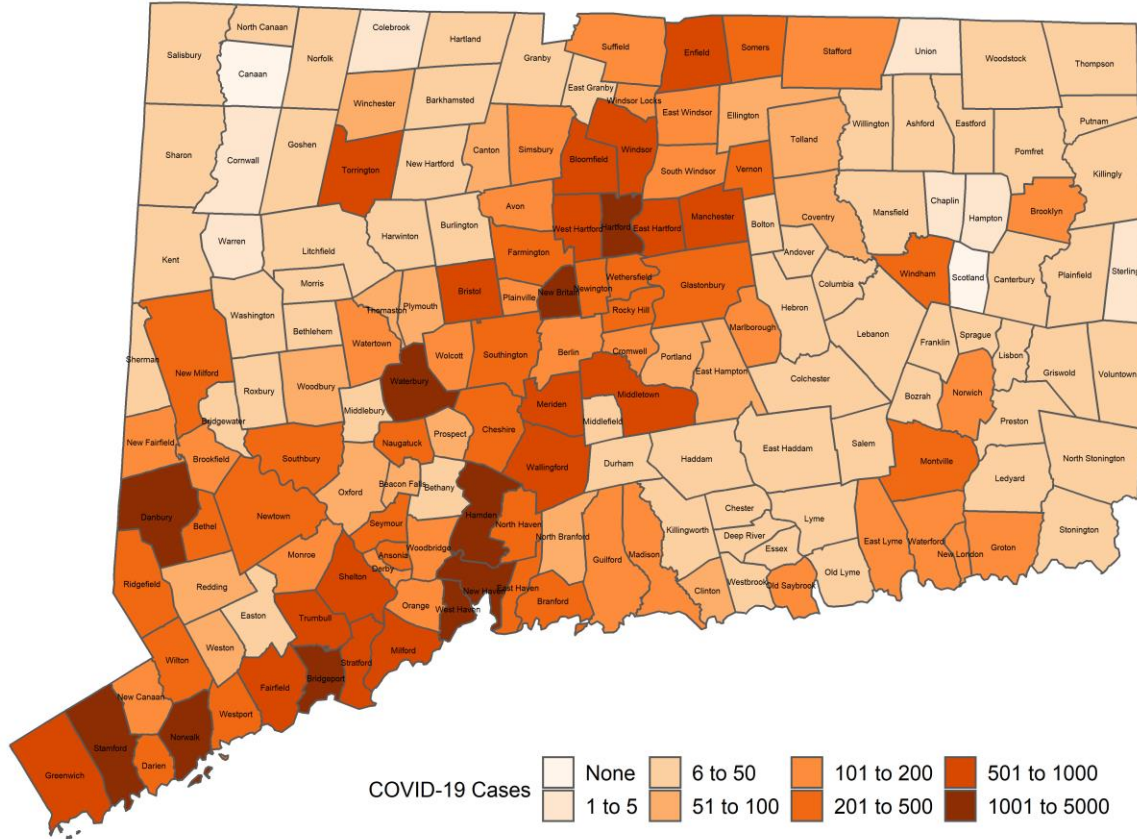


Counts may not add up to total case count because demographic data may be missing.



## Cumulative Number of COVID-19 Cases by Town

Map does not include 231 cases pending address validation



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

Table does not include 231 cases pending address validation

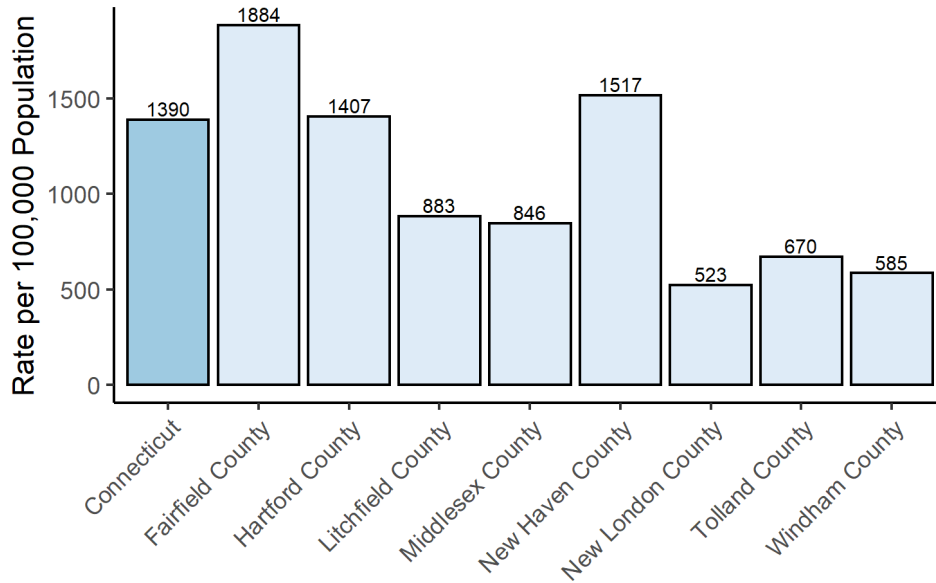
Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	9	0	Griswold	35	3	Prospect	68	0
Ansonia	290	7	Groton	139	13	Putnam	33	1
Ashford	22	1	Guilford	106	5	Redding	71	3
Avon	137	9	Haddam	34	1	Ridgefield	227	11
Barkhamsted	30	1	Hamden	1023	38	Rocky Hill	416	18
Beacon Falls	59	0	Hampton	2	0	Roxbury	6	3
Berlin	172	7	Hartford	2712	123	Salem	12	0
Bethany	39	0	Hartland	6	0	Salisbury	15	0
Bethel	266	12	Harwinton	31	3	Scotland	0	0
Bethlehem	12	1	Hebron	30	2	Seymour	230	11
Bloomfield	508	29	Kent	10	1	Sharon	16	0
Bolton	22	1	Killingly	35	2	Shelton	624	36
Bozrah	10	0	Killingworth	16	0	Sherman	15	2
Branford	349	12	Lebanon	27	0	Simsbury	122	13
Bridgeport	3746	119	Ledyard	28	0	Somers	260	22
Bridgewater	11	0	Lisbon	11	0	South Windsor	158	15
Bristol	627	18	Litchfield	46	1	Southbury	196	5
Brookfield	170	5	Lyme	6	0	Southington	341	13
Brooklyn	134	1	Madison	149	7	Sprague	6	0
Burlington	32	1	Manchester	737	59	Stafford	118	8
Canaan	0	0	Mansfield	41	2	Stamford	3349	73
Canterbury	15	1	Marlborough	97	4	Sterling	2	0
Canton	86	9	Meriden	940	35	Stonington	30	5
Chaplin	4	0	Middlebury	47	3	Stratford	859	38
Cheshire	216	8	Middlefield	18	0	Suffield	148	15
Chester	45	1	Middletown	624	25	Thomaston	62	2
Clinton	59	4	Milford	679	23	Thompson	41	1
Colchester	42	3	Monroe	129	5	Tolland	46	8
Colebrook	5	0	Montville	286	6	Torrington	557	24
Columbia	28	0	Morris	15	0	Trumbull	530	50
Cornwall	5	0	Naugatuck	411	10	Union	4	1
Coventry	48	4	New Britain	1178	53	Vernon	250	11
Cromwell	128	13	New Canaan	196	3	Voluntown	10	0
Danbury	2108	72	New Fairfield	118	2	Wallingford	500	10
Darien	226	6	New Hartford	32	0	Warren	5	0
Deep River	13	2	New Haven	2753	53	Washingon	22	1
Derby	172	0	New London	182	6	Waterbury	2063	89
Durham	43	3	New Milford	298	9	Waterford	173	8
East Granby	11	0	Newington	389	21	Watertown	148	8
East Haddam	20	0	Newtown	242	14	West Hartford	725	55
East Hampton	48	4	Norfolk	13	1	West Haven	1063	39
East Hartford	904	57	North Branford	88	4	Westbrook	36	0
East Haven	417	22	North Canaan	6	1	Weston	72	3
East Lyme	151	11	North Haven	279	4	Westport	316	15
East Windsor	153	14	North Stonington	15	1	Wethersfield	258	5
Eastford	10	0	Norwalk	2075	56	Willington	16	0
Easton	33	1	Norwich	118	7	Wilton	214	26
Ellington	76	4	Old Lyme	25	0	Winchester	55	1
Enfield	608	14	Old Saybrook	112	4	Windham	298	0
Essex	48	0	Orange	131	3	Windsor	552	44
Fairfield	654	51	Oxford	82	4	Windsor Locks	129	6
Farmington	222	7	Plainfield	44	1	Wolcott	119	6
Franklin	8	0	Plainville	178	2	Woodbridge	139	7
Glastonbury	292	23	Plymouth	72	5	Woodbury	52	1
Goshen	11	1	Pomfret	16	0	Woodstock	21	0
Granby	29	0	Portland	72	4			
Greenwich	902	41	Preston	19	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](#)

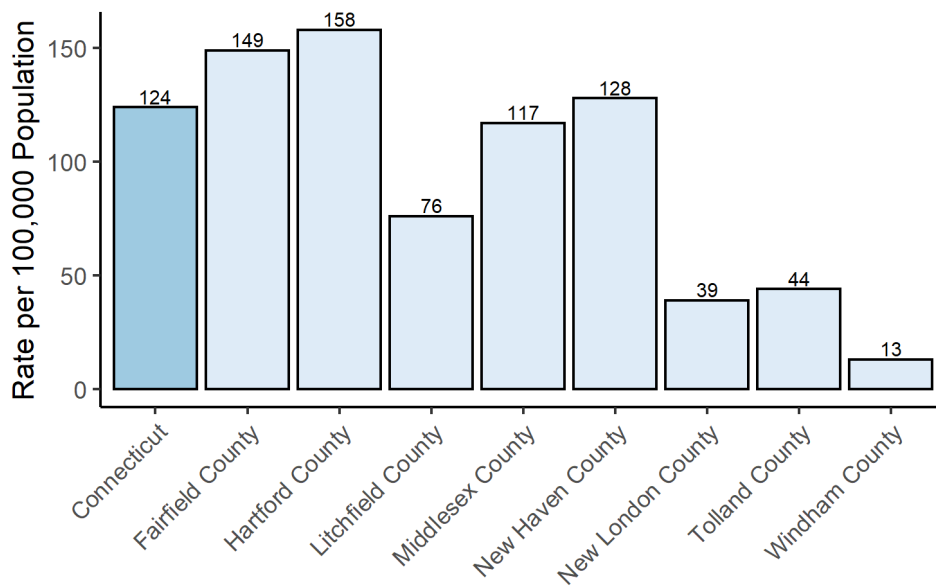
### Rate of COVID-19 Cases Statewide and by County

As of 07/29/2020 at 8:30pm



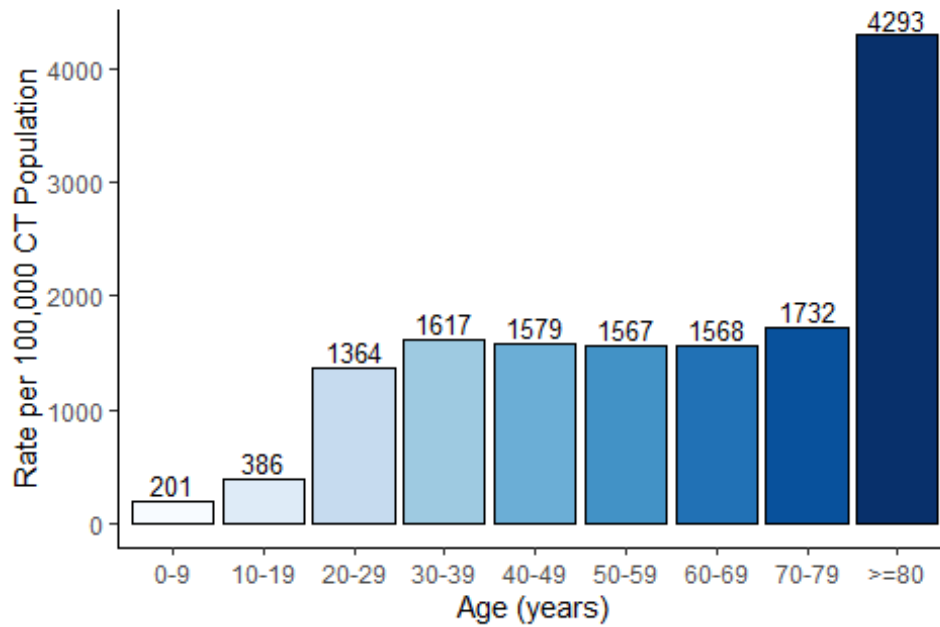
### Rate of COVID-19-Associated Deaths Statewide and by County

As of 07/29/2020 at 8:30pm



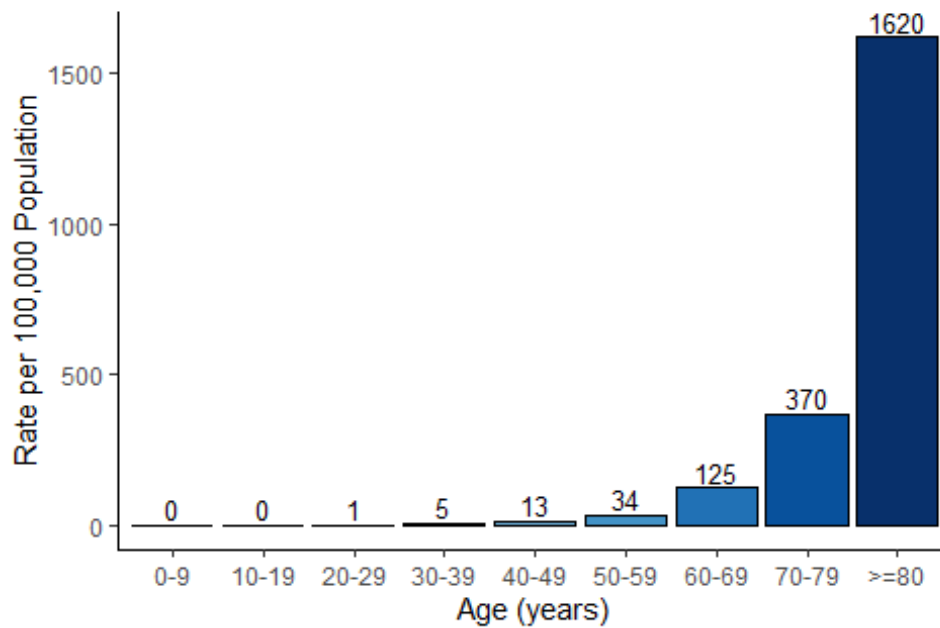
### Rate of COVID-19 Cases by Age Group

As of 07/29/2020 at 8:30pm



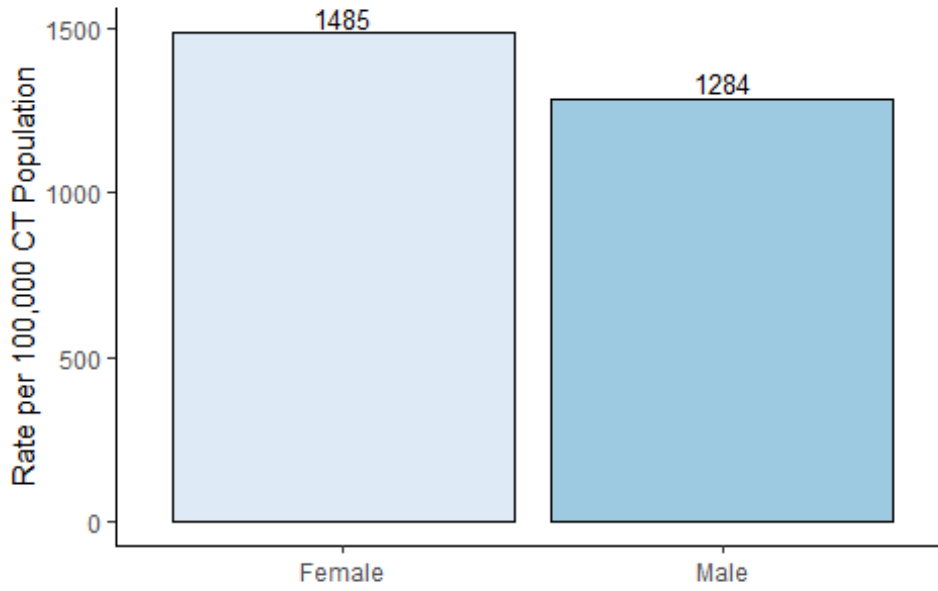
### Rate of COVID-19-Associated Deaths by Age Group

As of 07/29/2020 at 8:30pm



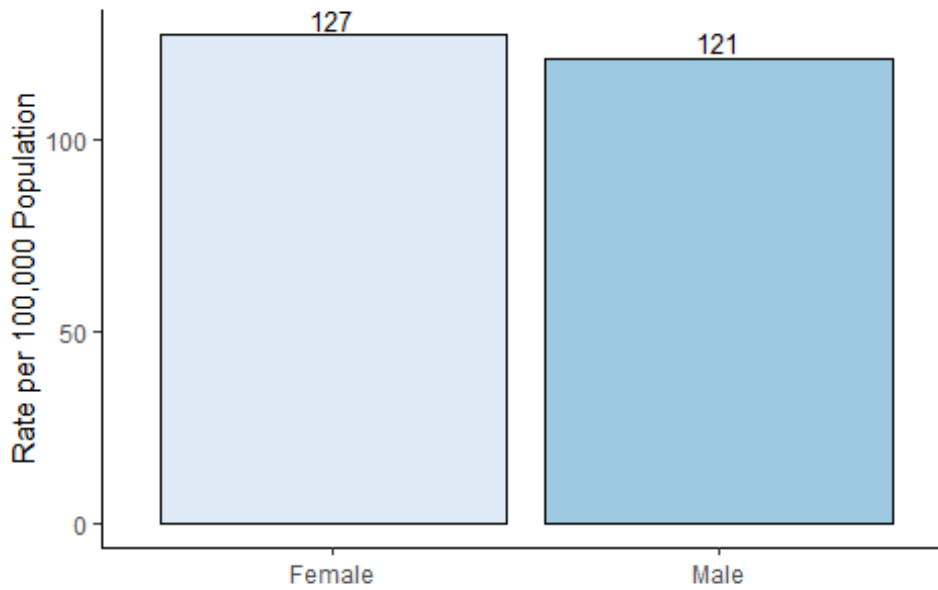
### Rate of COVID-19 Cases by Gender

As of 07/29/2020 at 8:30pm

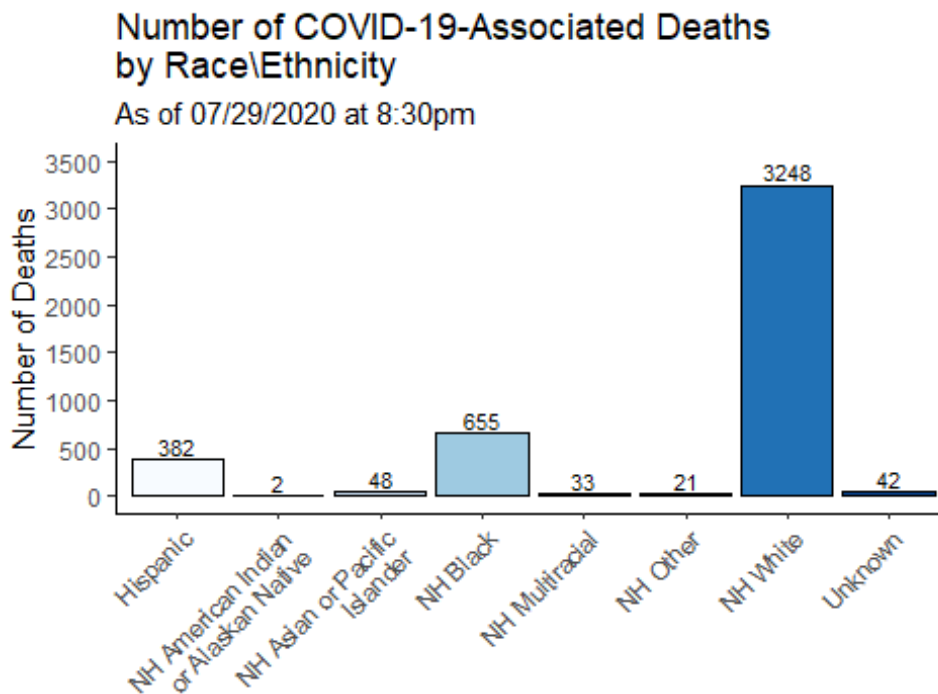
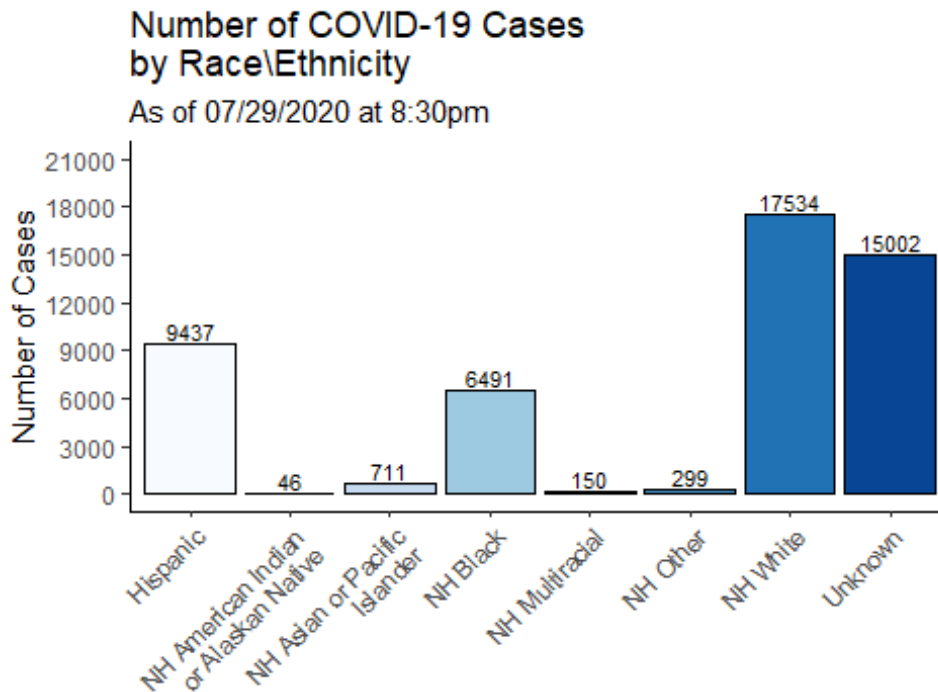


### Rate of COVID-19-Associated Deaths by Gender

As of 07/29/2020 at 8:30pm

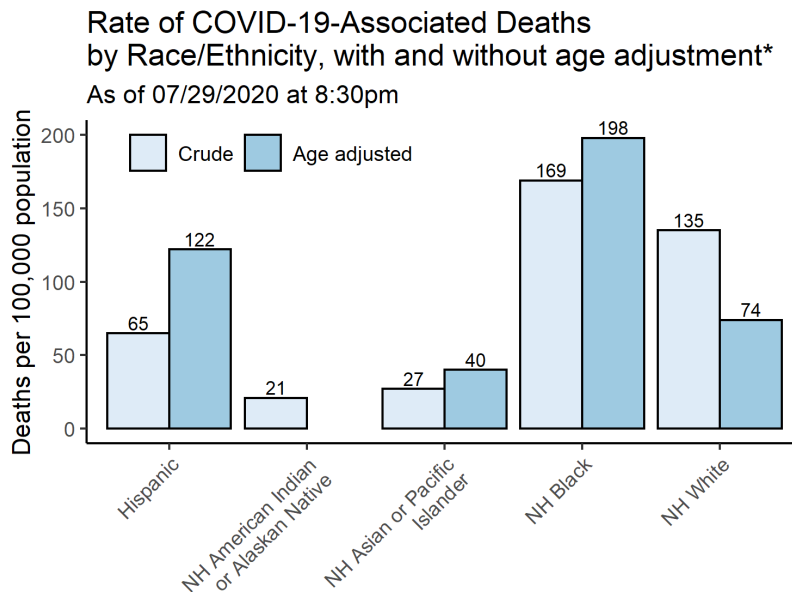
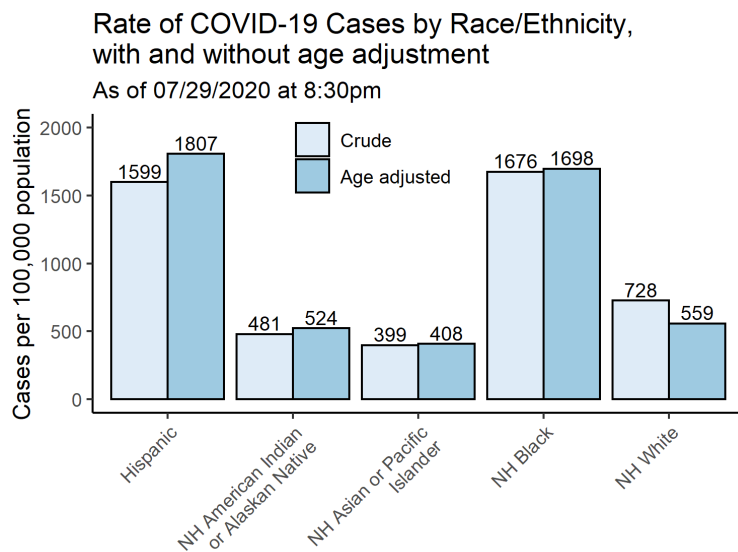


**APPENDIX C.** The following graphs show the number of cases and deaths by race and ethnicity. Categories are mutually exclusive. The category “multiracial” includes people who answered ‘yes’ to more than one race category. NH=Non-Hispanic



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