COVID-19 Update August 27, 2020

As of **August 26, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **52350**, including **50255** laboratory-confirmed and **2095** probable cases. **Fifty-six** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **4465** 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	52350	+130
COVID-19-Associated Deaths	4465	+2
Patients Currently Hospitalized with COVID-19	56	-1
COVID-19 PCR Tests Reported	1111401	+15452

**Includes confirmed plus probable cases

COVID-19 Cases and Associated Deaths by County of Residence
As of 08/26/20 8:30pm.

County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	18005	716	1099	314
Hartford County	12660	647	1105	321
Litchfield County	1600	73	118	21
Middlesex County	1375	63	154	38
New Haven County	13143	441	959	150
New London County	1459	67	79	27
Tolland County	1045	67	51	14
Windham County	775	10	14	1
Pending address validation	*193*	*11*	*0*	*0*
Total	**50255**	**2095**	**3579**	**886**

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.

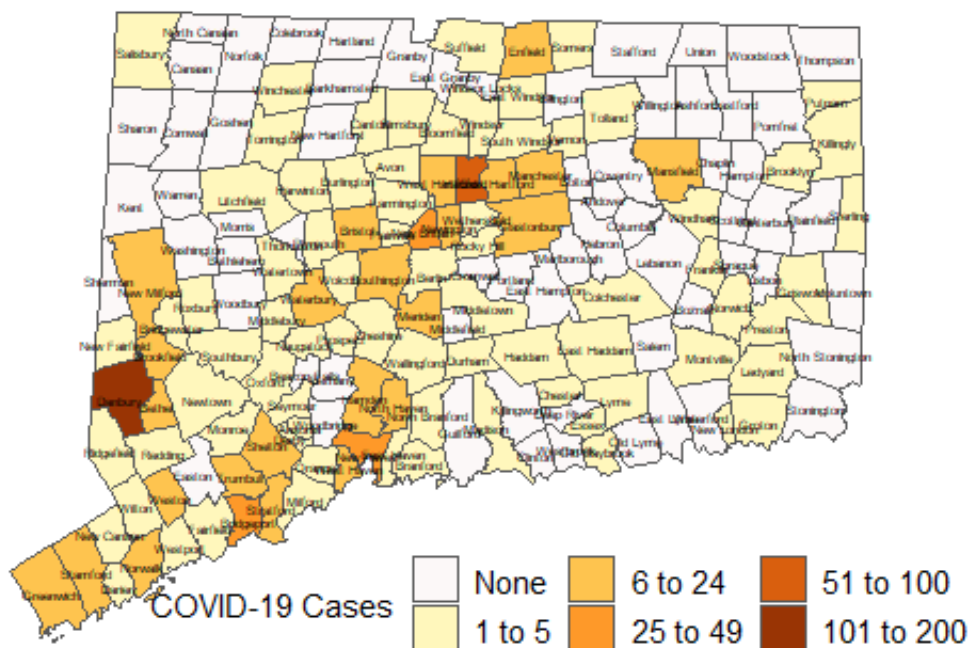# COVID-19 Cases and Deaths Over Time

New Cases during August 16–August 22, 2020

Among 93,792 PCR tests for COVID-19 with specimen collection date during August 16–22nd, 900 test results were positive. There were 823 people who tested positive for the first time or had onset of symptoms during August 16–22nd. Of these 823 people, 776 (94%) cases were among people who reside in community settings and 47 (6%) 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 776 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.

Map does not include 2 cases pending address validation.

All data are preliminary and subject to change. Updated 8/27/2020.

Rate of COVID-19 Cases among Persons Living in Community Settings per 100,000 Population by Town with Specimen Collection or Onset Date During August 16-22

Map does not include 2 cases pending address validation.

All data are preliminary and subject to change. Updated 8/27/2020.

Population, Number and Weekly Rate of COVID-19 Cases among Persons Living in Community Settings by Town with Specimen Collection or Onset Date during August 16–22, 2020
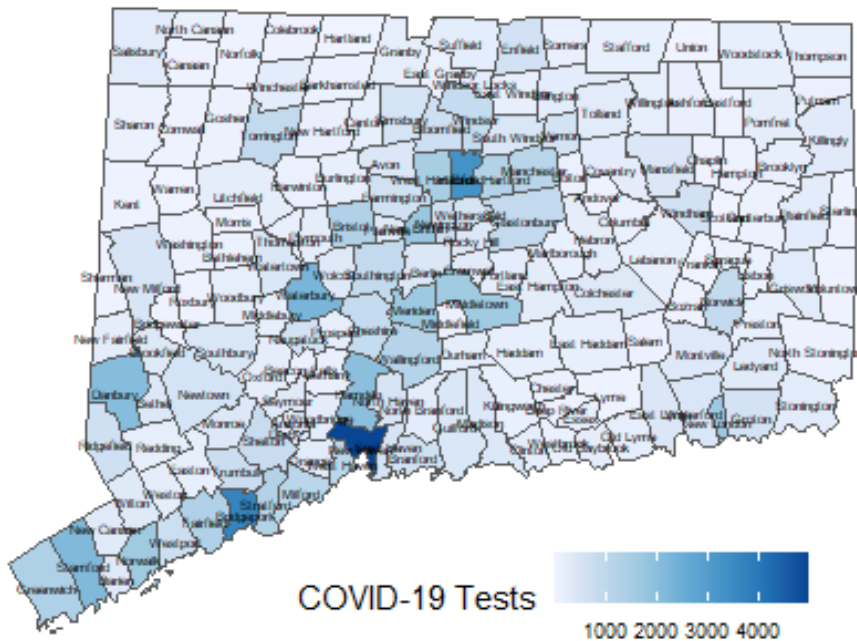*Table does not include 2 cases pending address validation. Weekly rate is cases per week per 100,000 population.*

Town	Pop	Cases	Rate	Town	Pop	Cases	Rate	Town	Pop	Cases	Rate
Andover	3231	0	0	Groton	38692	<5	3	Prospect	9790	<5	10
Ansonia	18721	<5	11	Guilford	22216	0	0	Putnam	9395	<5	32
Ashford	4261	0	0	Haddam	8222	<5	12	Redding	9125	<5	11
Avon	18302	<5	22	Hamden	60940	13	21	Ridgefield	25008	<5	12
Barkhamsted	3624	0	0	Hampton	1853	0	0	Rocky Hill	20145	<5	20
Beacon Falls	6182	0	0	Hartford	122587	55	45	Roxbury	2160	<5	46
Berlin	20432	<5	15	Hartland	2120	0	0	Salem	4123	0	0
Bethany	5479	0	0	Harwinton	5430	<5	37	Salisbury	3598	<5	56
Bethel	19714	7	36	Hebron	9482	0	0	Scotland	1685	0	0
Bethlehem	3422	0	0	Kent	2785	0	0	Seymour	16509	<5	12
Bloomfield	21301	5	23	Killingly	17287	<5	17	Sharon	2703	0	0
Bolton	4890	0	0	Killingworth	6370	0	0	Shelton	41097	6	15
Bozrah	2537	0	0	Lebanon	7207	0	0	Sherman	3614	0	0
Branford	28005	<5	4	Ledyard	14736	<5	14	Simsbury	24979	5	20
Bridgeport	144900	39	27	Lisbon	4248	0	0	Somers	10834	<5	9
Bridgewater	1641	<5	61	Litchfield	8127	<5	12	South			
Bristol	60032	14	23	Lyme	2338	<5	43	Windsor	26054	<5	8
Brookfield	17002	14	82	Madison	18106	<5	17	Southbury	19656	<5	15
Brooklyn	8280	<5	48	Manchester	57699	21	36	Southington	43807	7	16
Burlington	9665	<5	21	Mansfield	25817	16	62	Sprague	2889	0	0
Canaan	1055	0	0	Marlborough	6358	0	0	Stafford	11884	0	0
Canterbury	5100	0	0	Meriden	59540	10	17	Stamford	129775	23	18
Canton	10270	<5	19	Middlebury	7731	<5	13	Sterling	3780	<5	26
Chaplin	2256	0	0	Middlefield	4380	0	0	Stonington	18449	0	0
Cheshire	29179	<5	7	Middletown	46146	<5	2	Stratford	51967	6	12
Chester	4229	<5	24	Milford	54661	<5	5	Suffield	15743	<5	6
Clinton	12950	0	0	Monroe	19470	<5	15	Thomaston	7560	0	0
Colchester	15936	<5	6	Montville	18716	<5	11	Thompson	9395	0	0
Colebrook	1405	0	0	Morris	2262	0	0	Tolland	14655	<5	14
Columbia	5385	0	0	Naugatuck	31288	<5	6	Torrington	34228	<5	9
Cornwall	1368	0	0	New Britain	72453	28	39	Trumbull	35802	7	20
Coventry	12414	0	0	New Canaan	20213	<5	15	Union	840	0	0
Cromwell	13905	0	0	New Fairfield	13877	<5	29	Vernon	29303	<5	7
Danbury	84730	145	171	New Hartford	6685	0	0	Voluntown	2535	0	0
Darien	21753	<5	14	New Haven	130418	48	37	Wallingford	44535	5	11
Deep River	4463	0	0	New London	26939	<5	15	Warren	1399	0	0
Derby	12515	<5	24	New Milford	26974	10	37	Washington	3434	0	0
Durham	7195	<5	28	Newington	30112	7	23	Waterbury	108093	13	12
East Granby	5147	0	0	Newtown	27774	<5	4	Waterford	18887	0	0
East Haddam	8988	5	56	Norfolk	1640	0	0	Watertown	21641	<5	14
East Hampton	12854	0	0	North				West Hartford	62939	7	11
East Hartford	49998	22	44	Branford	14158	<5	7	West Haven	54879	21	38
East Haven	28699	<5	14	North Canaan	3254	0	0	Westbrook	6914	0	0
East Lyme	18645	0	0	North Haven	23691	18	76	Weston	10247	6	59
East Windsor	11375	<5	18	North				Westport	28115	5	18
Eastford	1790	0	0	Stonington	5243	0	0	Wethersfield	26082	<5	15
Easton	7517	0	0	Norwalk	89047	11	12	Willington	5887	0	0
Ellington	16299	0	0	Norwich	39136	<5	8	Wilton	18397	<5	5
Enfield	44466	6	13	Old Lyme	7366	0	0	Winchester	10655	<5	9
Essex	6674	<5	30	Old Saybrook	10087	<5	10	Windham	24706	5	20
Fairfield	61952	5	8	Orange	13949	5	36	Windsor	28760	5	17
Farmington	25506	<5	8	Oxford	13226	<5	8	Windsor Locks	12876	0	0
Franklin	1933	<5	52	Plainfield	15173	0	0	Wolcott	16649	<5	12
Glastonbury	34491	10	29	Plainville	17623	<5	6	Woodbridge	8805	0	0
Goshen	2879	0	0	Plymouth	11645	<5	9	Woodbury	9537	0	0
Granby	11375	0	0	Pomfret	4204	0	0	Woodstock	7862	0	0
Greenwich	62727	6	10	Portland	9305	0	0				
Griswold	11591	<5	9	Preston	4638	<5	22				

All data are preliminary and subject to change. Updated 8/27/2020.

COVID-19 PCR Tests during August 16–22, 2020

Among 93,792 PCR tests for COVID-19 with specimen collection date during August 16–22nd, 87,092 (93%) tests were conducted among people who did not reside in congregate settings (including nursing homes, assisted living, and correctional facilities). Of these 87,092 tests, 844 (1%) were positive. The map below shows the number of PCR COVID-19 tests by town with specimen collection date during August 16–22nd that were conducted among community residents.

Number of PCR Tests for COVID-19 among Persons Living in Community Settings by Town with Specimen Collection Date During August 16-22

Map does not include 6327 tests pending address validation.

All data are preliminary and subject to change. Updated 8/27/2020.

Age Distribution of COVID-19 Cases with Specimen Collection or Onset During August 16–22, 2020

Number of New COVID-19 Cases by Age Group with Collection or Onset during August 16-22

As of 08/26/2020 at 8:30pm

| Age (years)	Number of Cases
0-9	55
10-19	126
20-29	199
30-39	126
40-49	108
50-59	118
60-69	47
70-79	24
>=80	20

Rate of COVID-19 Cases by Age Group with Collection or Onset during August 16-22

As of 08/26/2020 at 8:30pm

Age (years)	Rate per 100,000 CT Population
0-9	15
10-19	27
20-29	43
30-39	29
40-49	25
50-59	22
60-69	11
70-79	9
>=80	12

All data are preliminary and subject to change. Updated 8/27/2020.
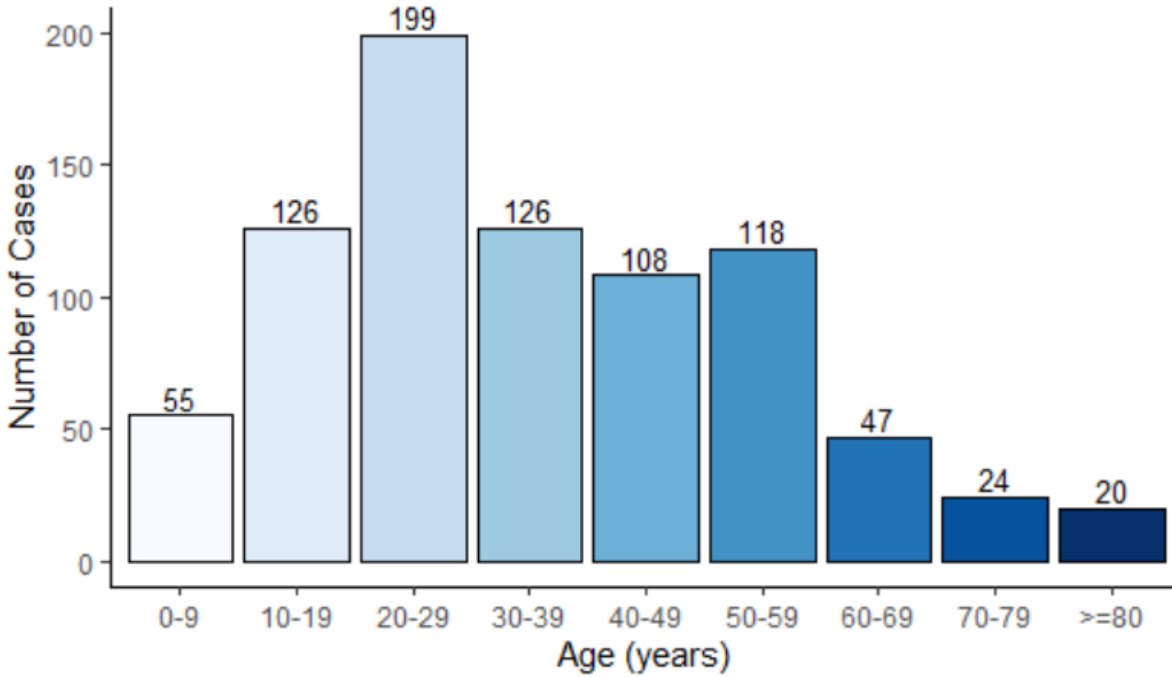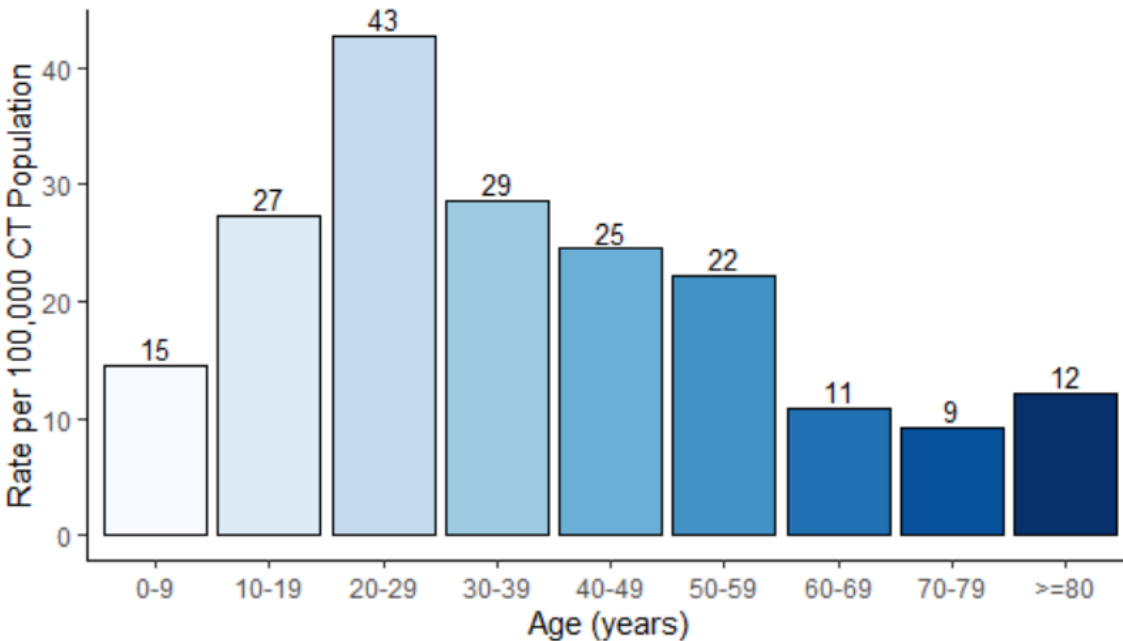
Weekly Incidence by Age Group

The chart below shows the number of new COVID-19 cases per week per 100,000 population by age group during May 24–August 22, 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.
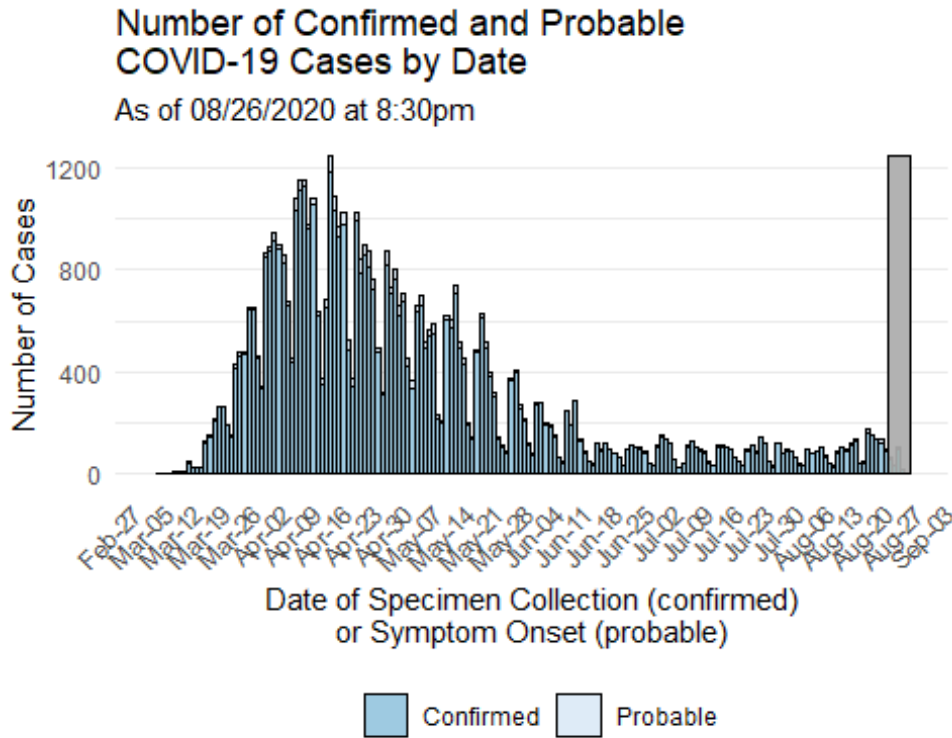

Weekly rates of COVID-19 cases by age group
As of 8/26/2020 at 8:30 PM
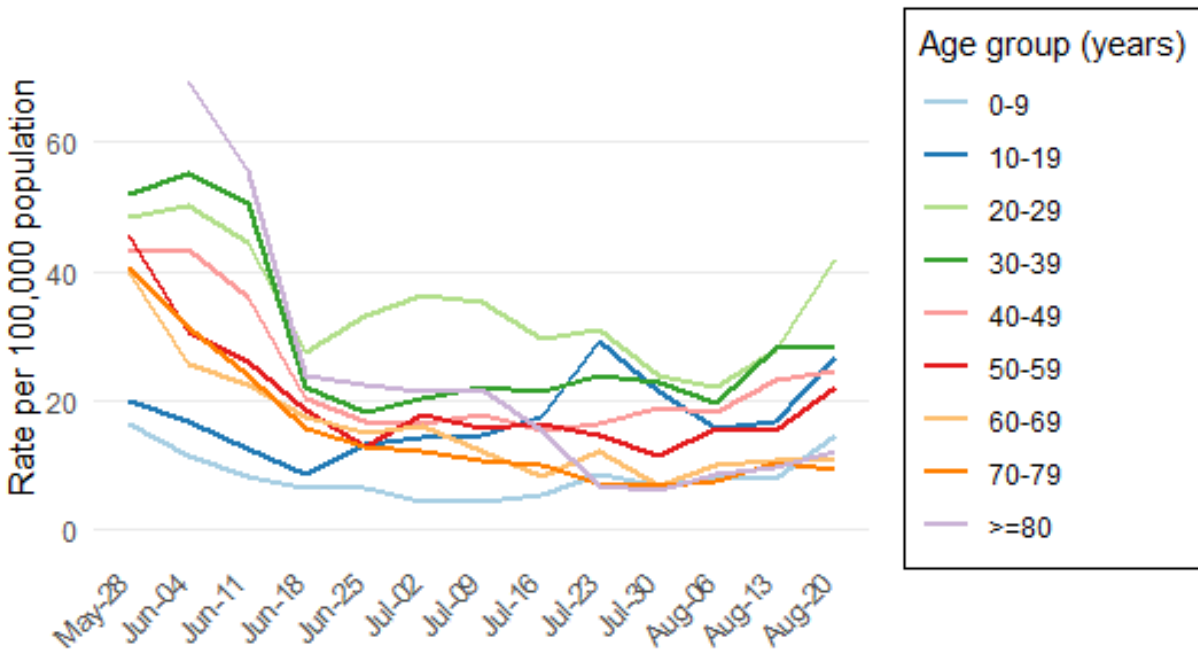
Cumulative Number of COVID-19 Cases and COVID-19-Associated Deaths by Date

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.

Number of Confirmed and Probable COVID-19 Cases by Date

As of 08/26/2020 at 8:30pm

Date of Specimen Collection (confirmed) or Symptom Onset (probable)

Confirmed   Probable

Number of COVID-19-Associated Deaths by Date of Death

As of 08/26/2020 at 8:30pm

Date of Death

Confirmed   Probable
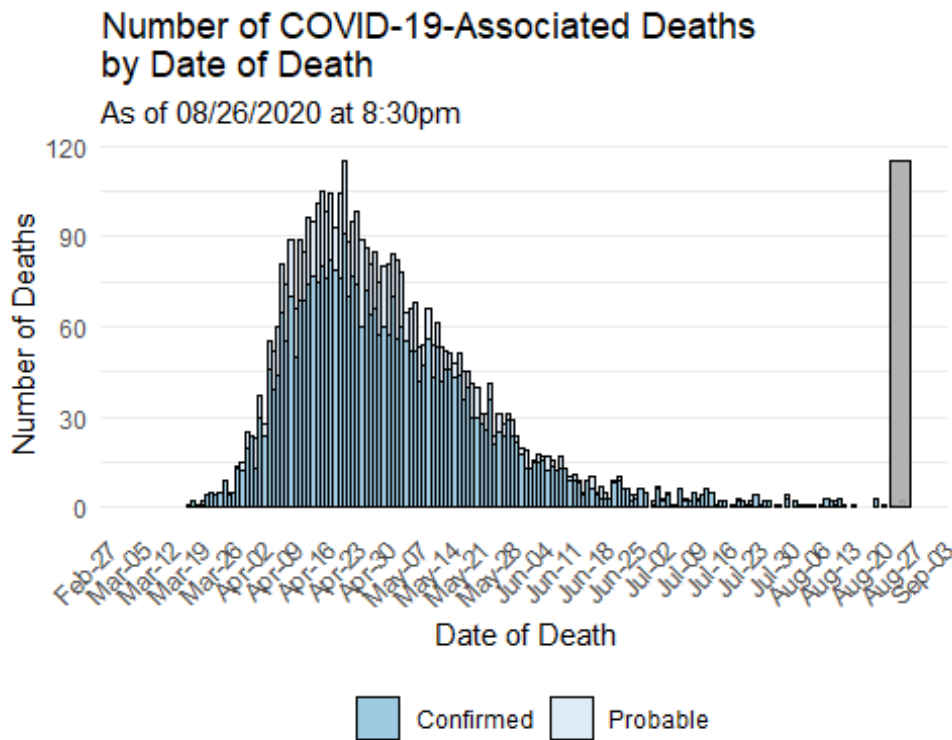
Weekly Incidence by County

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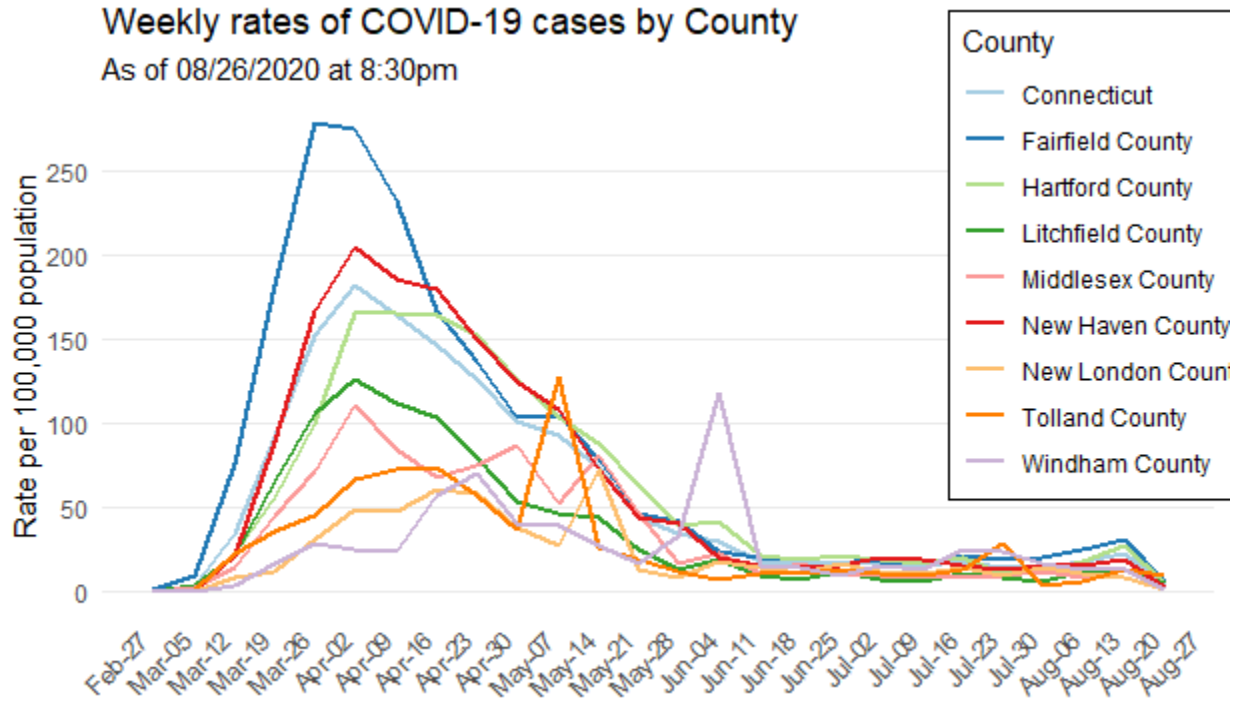
Notes: Incidence rates are based on weekly cases divided by the estimated annual population and multiplied by 100,000. Cases pending address validation are excluded from rate calculations.

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.
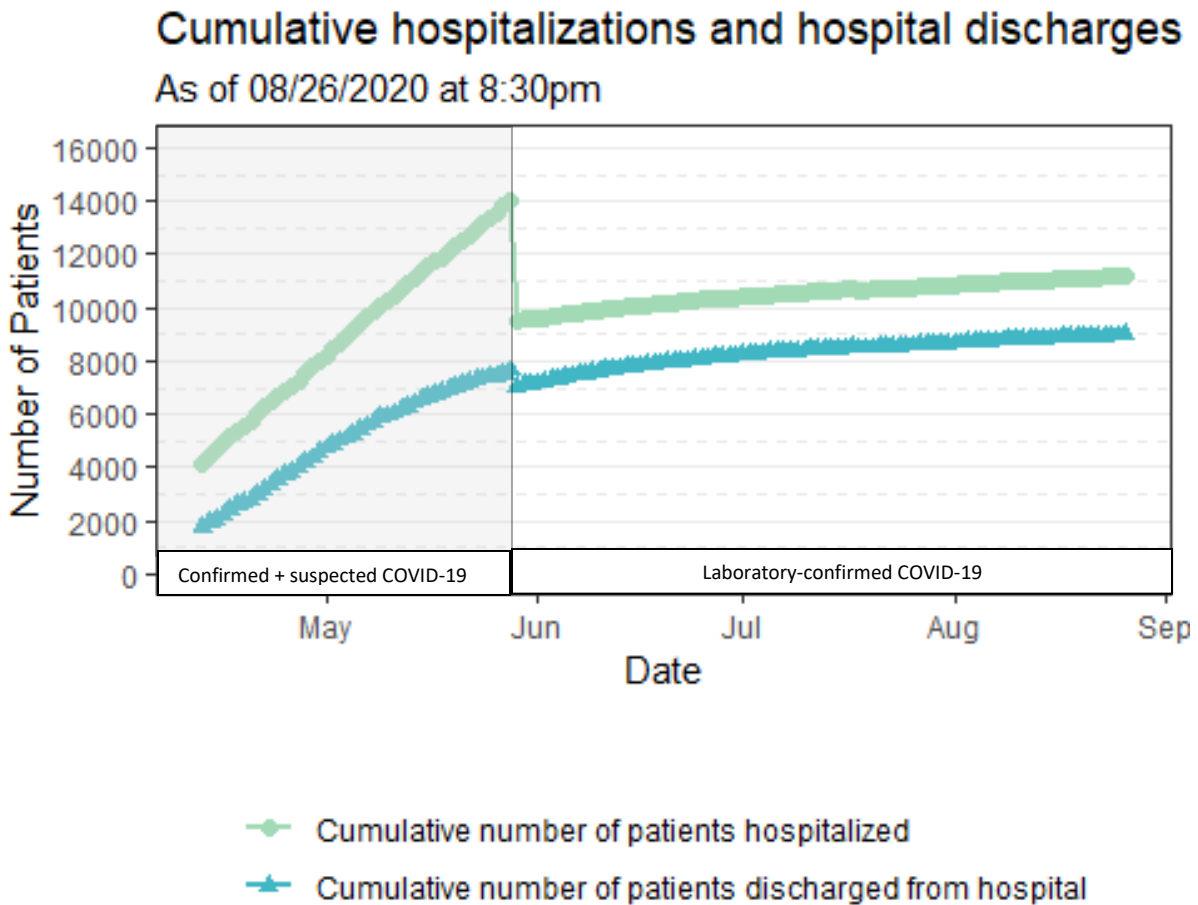
Patients Currently Hospitalized by Connecticut County
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.
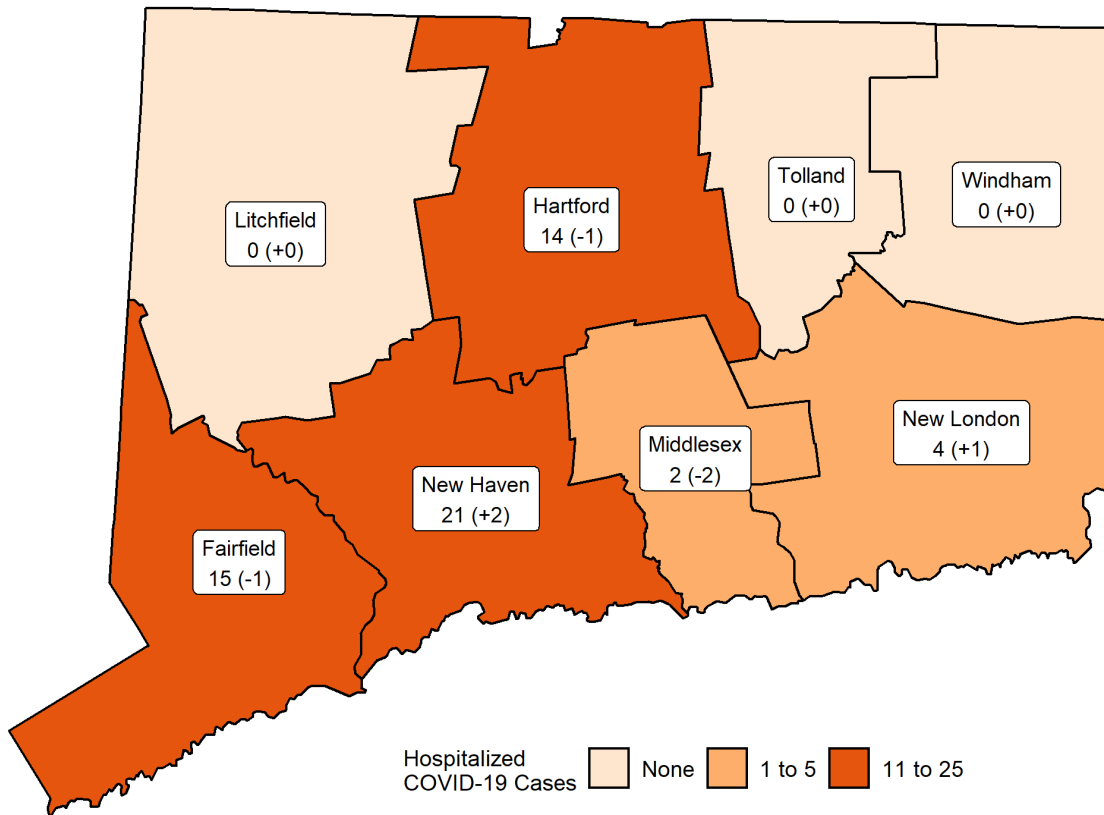
More information about hospitalized cases of COVID-19 in New Haven and Middlesex Counties is available from COVID-NET.

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, **11180** patients have been hospitalized with laboratory-confirmed COVID-19 in Connecticut and **8967** patients hospitalized with laboratory-confirmed have been discharged.

Cumulative hospitalizations and hospital discharges
As of 08/26/2020 at 8:30pm

Confirmed + suspected COVID-19

Laboratory-confirmed COVID-19

Number of Patients

Date

Cumulative number of patients hospitalized

Cumulative number of patients discharged from hospital

All data are preliminary and subject to change. Updated 8/27/2020.

Laboratory Surveillance

To date, DPH has received reports on a total of 1111401 COVID-19 laboratory tests; of these 958499 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.

Number of Laboratory Tests for COVID-19 Reported via ELR by Specimen Collection Date
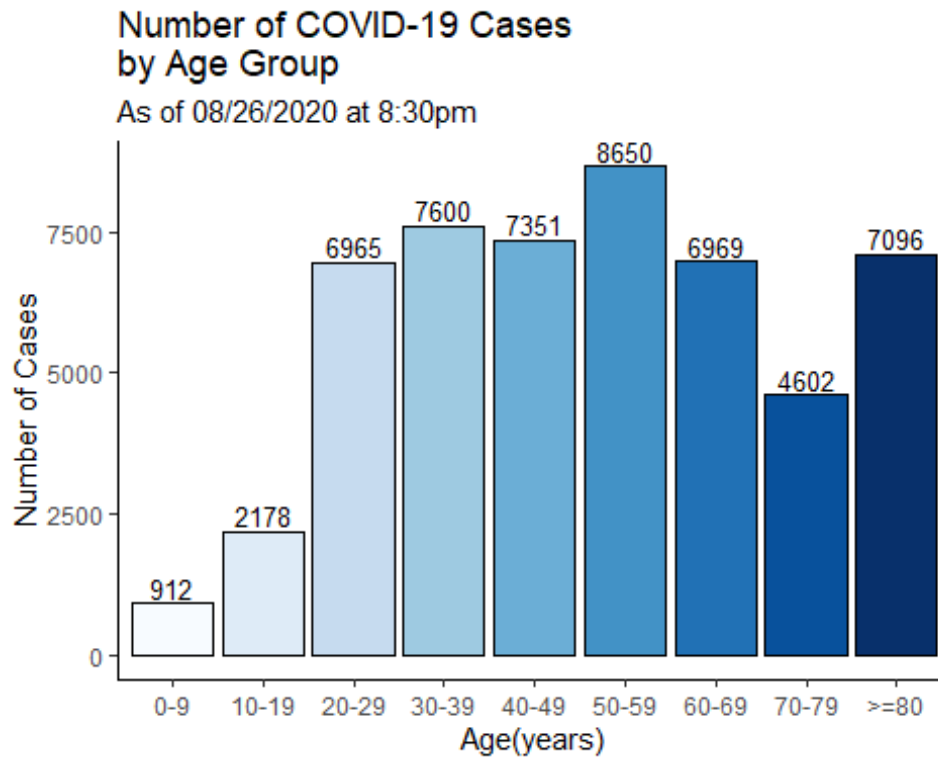As of 08/26/2020 at 8:30pm
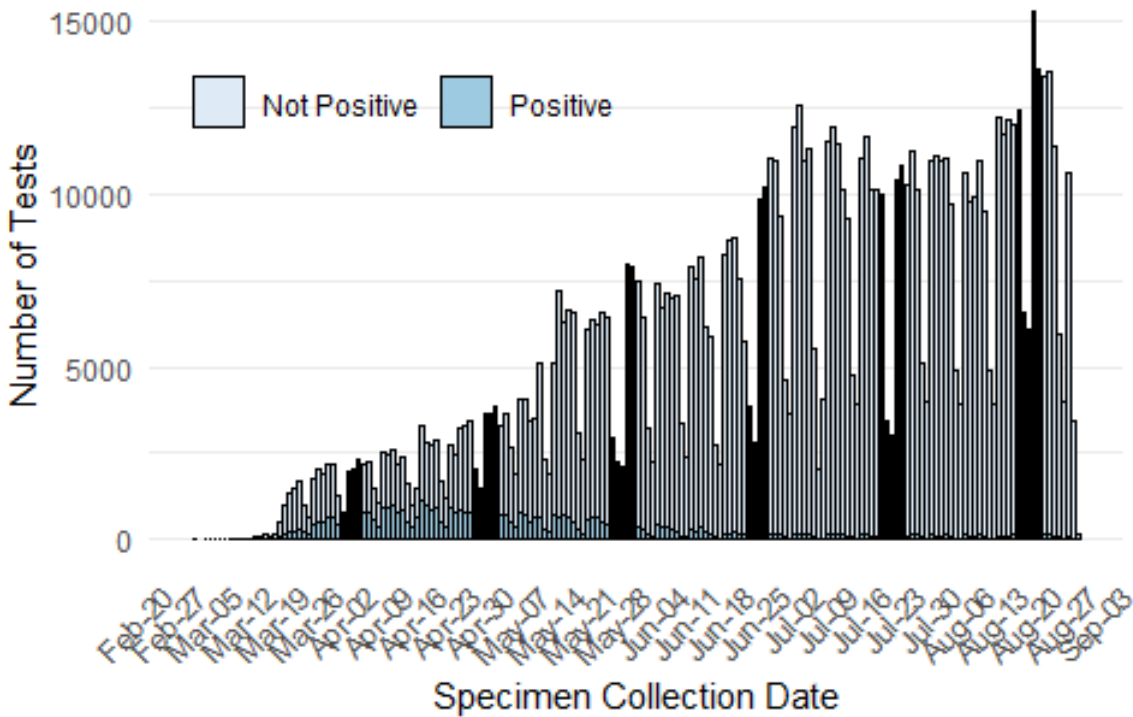
Testing of specimens collected since August 24 is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

ELR = Electronic Laboratory Reporting

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Characteristics of COVID-19 Cases and Associated Deaths

*Counts may not add up to total case count because demographic data may be missing.*
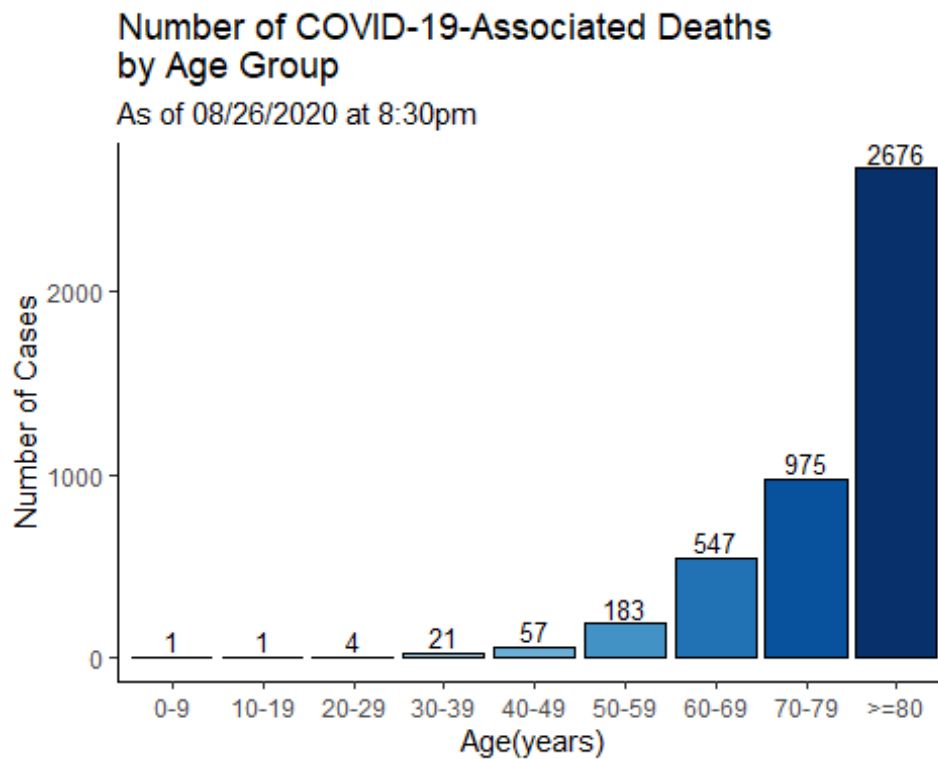
Number of COVID-19 Cases by Age Group

As of 08/26/2020 at 8:30pm

Number of COVID-19-Associated Deaths by Age Group

As of 08/26/2020 at 8:30pm

All data are preliminary and subject to change. Updated 8/27/2020.

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

Number of COVID-19 Cases by Gender
As of 08/26/2020 at 8:30pm

Number of COVID-19-Associated Deaths by Gender
As of 08/26/2020 at 8:30pm
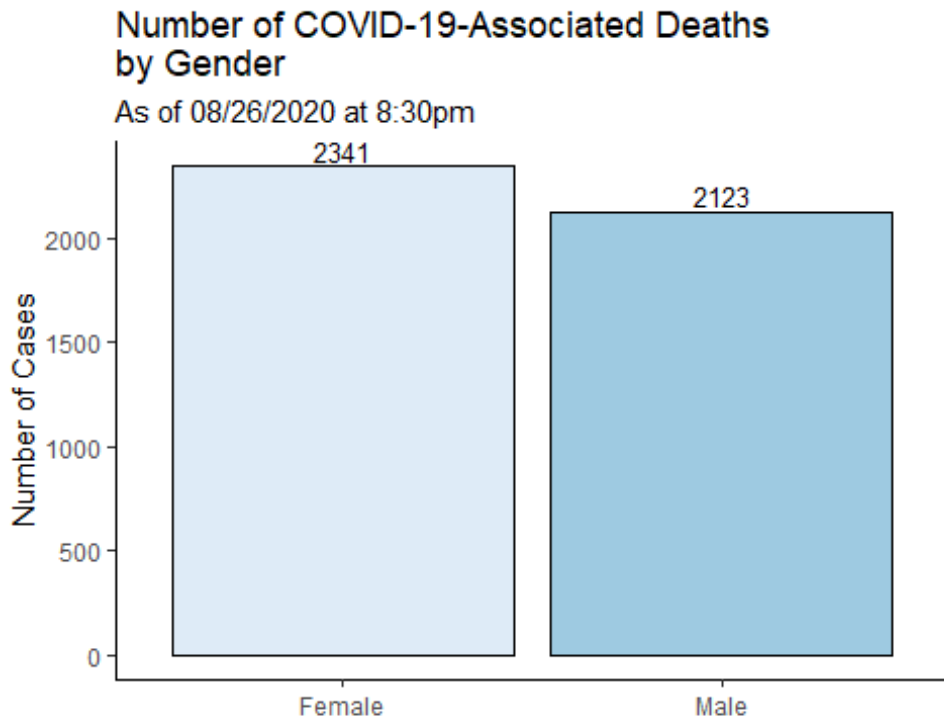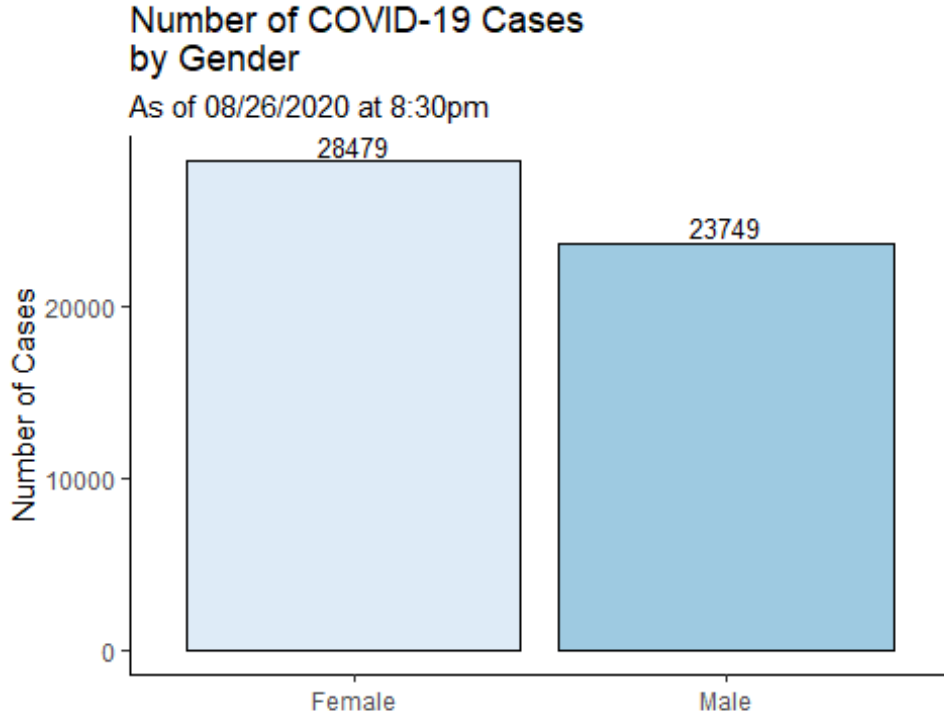
Cumulative Number of COVID-19 Cases by Town

Map does not include 193 cases pending address validation

All data are preliminary and subject to change. Updated 8/27/2020.
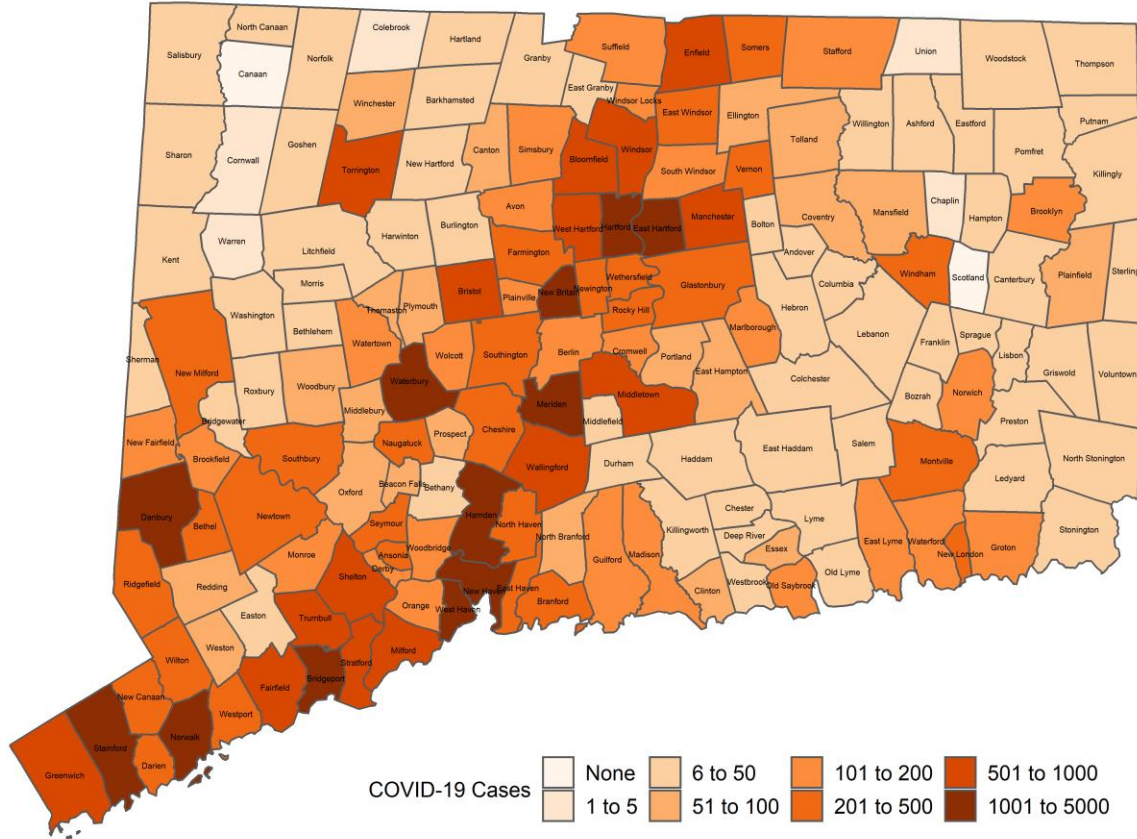
## APPENDIX A. Cumulative Number of COVID-19 Cases by Town

Table does not include 193 cases pending address validation

Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	9	0	Griswold	41	2	Prospect	78	0
Ansonia	297	7	Groton	146	14	Putnam	39	1
Ashford	22	1	Guilford	107	5	Redding	74	6
Avon	148	10	Haddam	39	1	Ridgefield	237	13
Barkhamsted	31	1	Hamden	1062	40	Rocky Hill	435	18
Beacon Falls	60	0	Hampton	7	0	Roxbury	9	3
Berlin	183	9	Hartford	2861	124	Salem	13	0
Bethany	39	1	Hartland	6	0	Salisbury	19	1
Bethel	280	19	Harwinton	35	3	Scotland	0	0
Bethlehem	12	1	Hebron	32	2	Seymour	234	10
Bloomfield	526	30	Kent	10	1	Sharon	16	0
Bolton	23	1	Killingly	44	4	Shelton	654	37
Bozrah	12	0	Killingworth	17	0	Sherman	15	2
Branford	356	12	Lebanon	27	0	Simsbury	133	13
Bridgeport	3948	118	Ledyard	33	0	Somers	290	21
Bridgewater	12	0	Lisbon	11	0	South Windsor	160	15
Bristol	658	17	Litchfield	47	2	Southbury	204	5
Brookfield	188	10	Lyme	7	0	Southington	362	14
Brooklyn	146	1	Madison	157	7	Sprague	6	0
Burlington	39	1	Manchester	778	60	Stafford	117	8
Canaan	0	0	Mansfield	84	6	Stamford	3442	75
Canterbury	19	1	Marlborough	98	4	Sterling	7	0
Canton	89	9	Meriden	982	35	Stonington	31	5
Chaplin	4	0	Middlebury	47	5	Stratford	878	39
Cheshire	230	9	Middlefield	20	0	Suffield	152	15
Chester	48	1	Middletown	637	25	Thomaston	64	2
Clinton	65	4	Milford	698	24	Thompson	42	1
Colchester	42	3	Monroe	137	5	Tolland	50	8
Colebrook	4	0	Montville	317	7	Torrington	561	24
Columbia	29	0	Morris	15	0	Trumbull	546	51
Cornwall	5	0	Naugatuck	424	12	Union	4	1
Coventry	52	4	New Britain	1270	53	Vernon	262	12
Cromwell	132	14	New Canaan	203	4	Voluntown	13	0
Danbury	2401	112	New Fairfield	122	4	Wallingford	519	11
Darien	244	7	New Hartford	33	0	Warren	5	0
Deep River	15	2	New Haven	2883	64	Washington	26	1
Derby	182	0	New London	197	6	Waterbury	2157	94
Durham	46	4	New Milford	318	15	Waterford	176	8
East Granby	12	0	Newington	406	20	Watertown	157	9
East Haddam	28	0	Newtown	250	14	West Hartford	758	57
East Hampton	51	4	Norfolk	13	1	West Haven	1125	42
East Hartford	954	57	North Branford	90	4	Westbrook	34	0
East Haven	430	24	North Canaan	7	1	Weston	84	3
East Lyme	151	12	North Haven	294	7	Westport	335	15
East Windsor	198	14	North Stonington	14	1	Wethersfield	277	6
Eastford	12	0	Norwalk	2115	58	Willington	16	0
Easton	35	1	Norwich	159	8	Wilton	222	26
Ellington	77	4	Old Lyme	24	0	Winchester	58	1
Enfield	703	14	Old Saybrook	117	4	Windham	326	0
Essex	51	0	Orange	138	4	Windsor	570	44
Fairfield	685	55	Oxford	88	4	Windsor Locks	132	6
Farmington	232	8	Plainfield	58	1	Wolcott	122	7
Franklin	14	0	Plainville	178	2	Woodbridge	140	8
Glastonbury	310	25	Plymouth	74	5	Woodbury	57	1
Goshen	12	1	Pomfret	19	0	Woodstock	30	0
Granby	32	2	Portland	75	4			
Greenwich	910	42	Preston	25	1			

All data are preliminary and subject to change. Updated 8/27/2020.

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
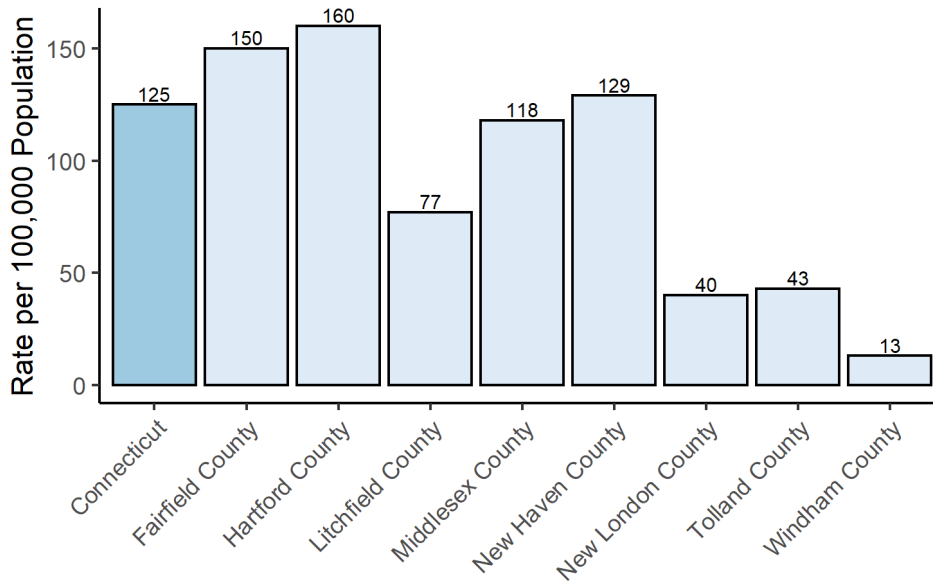
Rate of COVID-19 Cases Statewide and by County
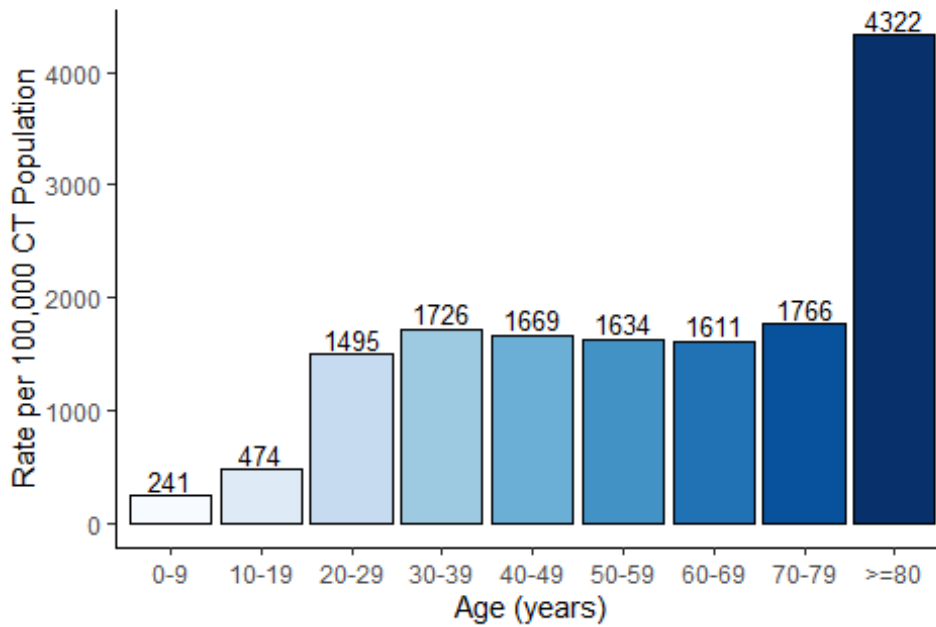### As of 08/26/2020 at 8:30pm
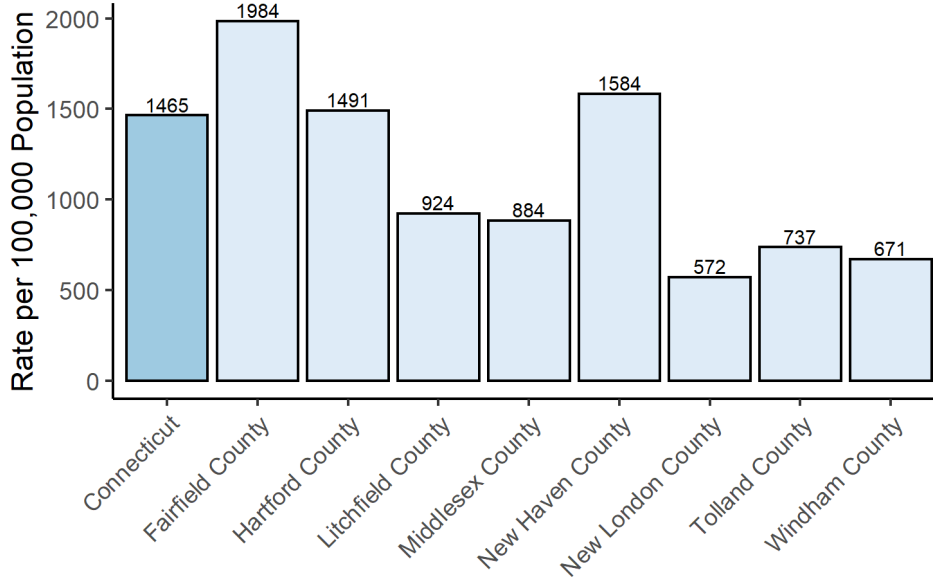
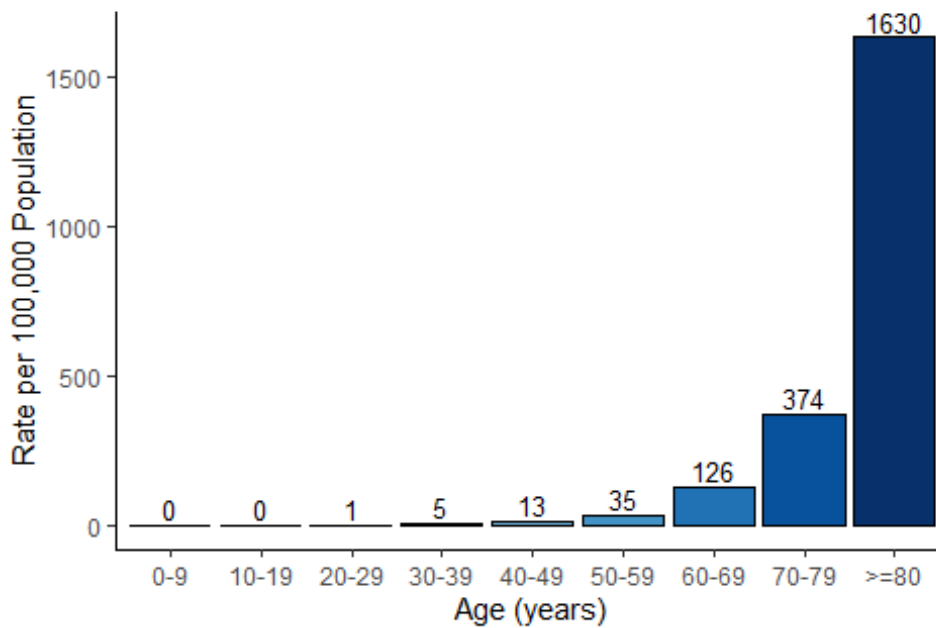## Rate of COVID-19-Associated Deaths Statewide and by County
As of 08/26/2020 at 8:30pm

Rate of COVID-19 Cases
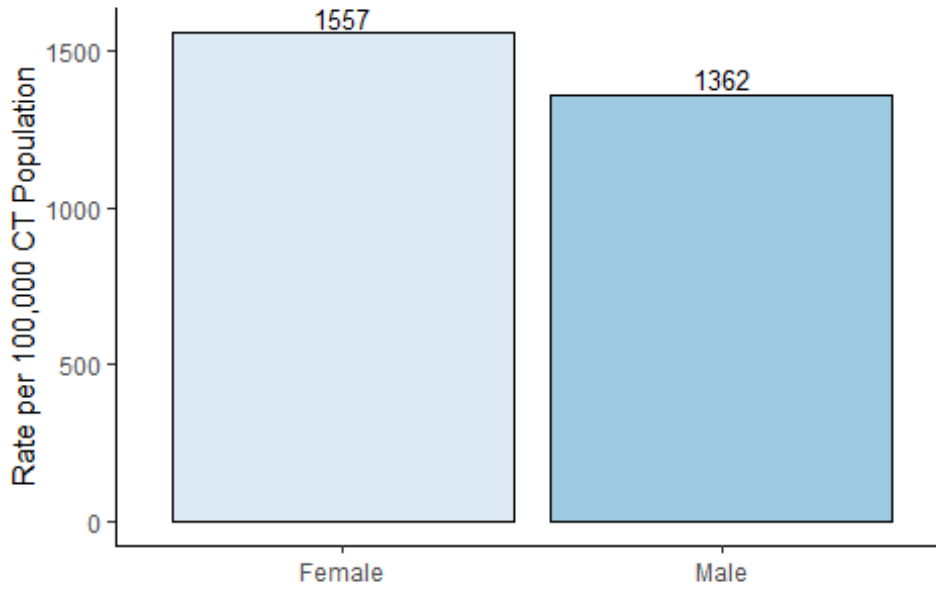## by Age Group

As of 08/26/2020 at 8:30pm

Rate of COVID-19-Associated Deaths
by Age Group
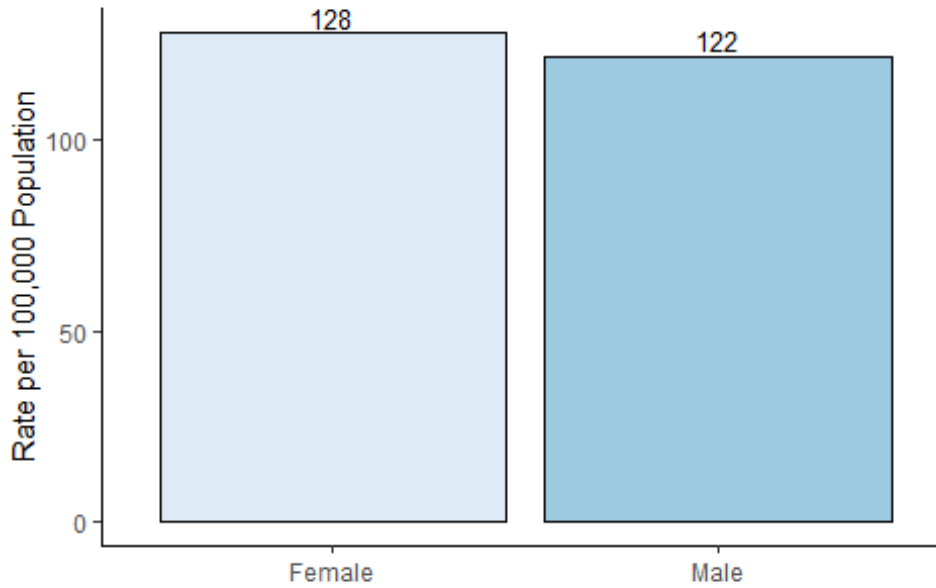
As of 08/26/2020 at 8:30pm

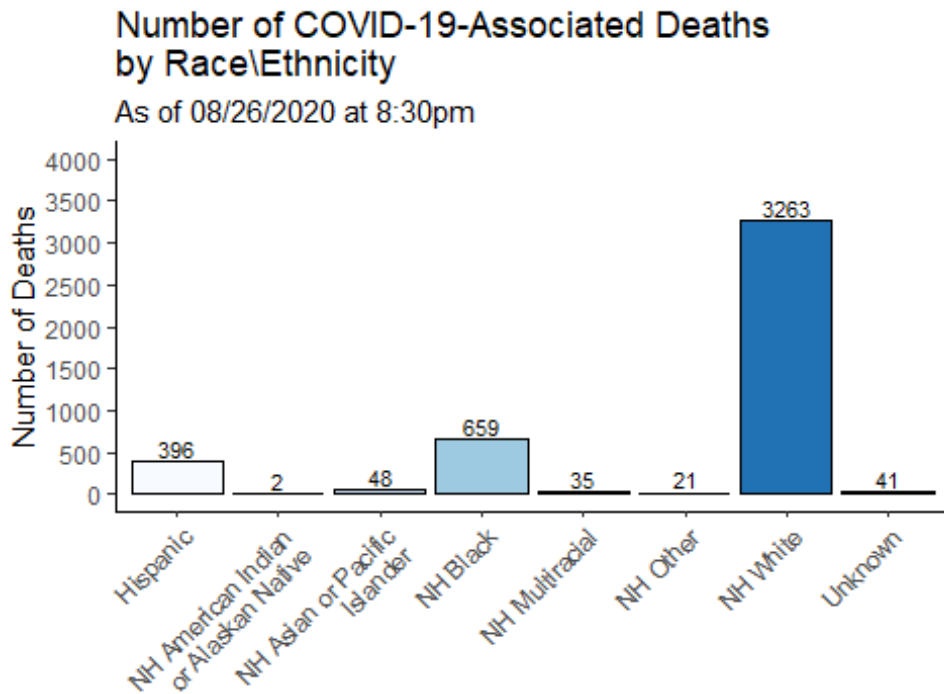## Rate of COVID-19 Cases
by Gender

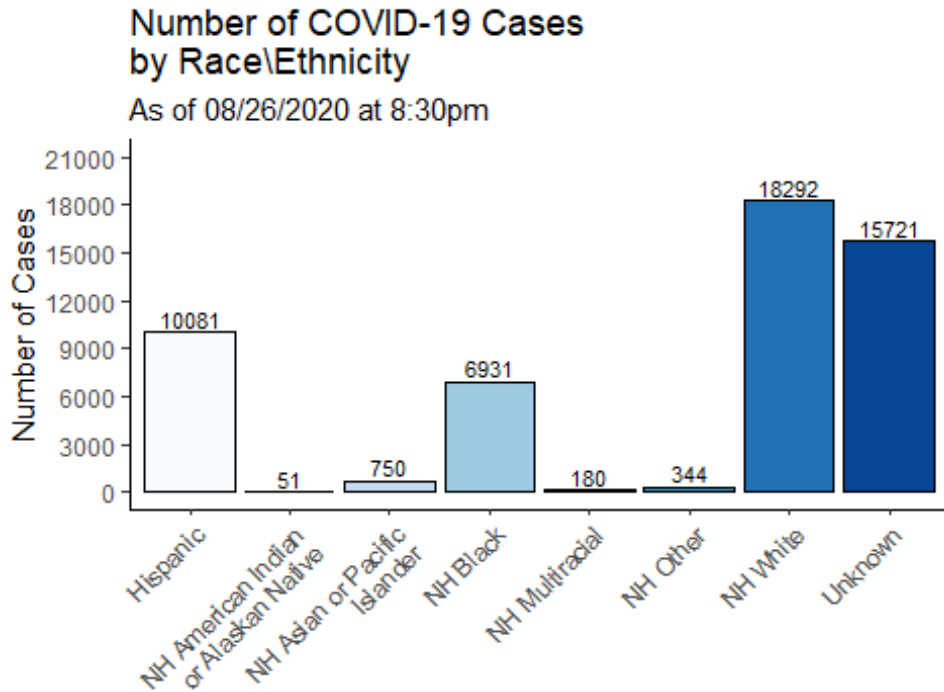As of 08/26/2020 at 8:30pm

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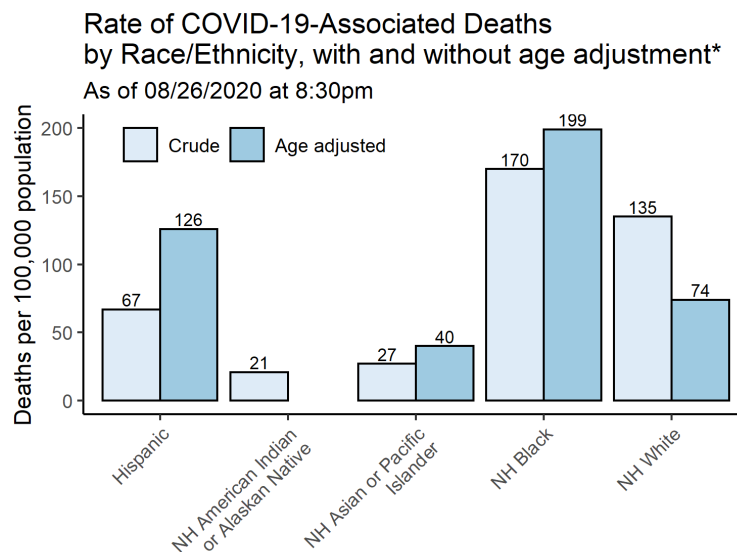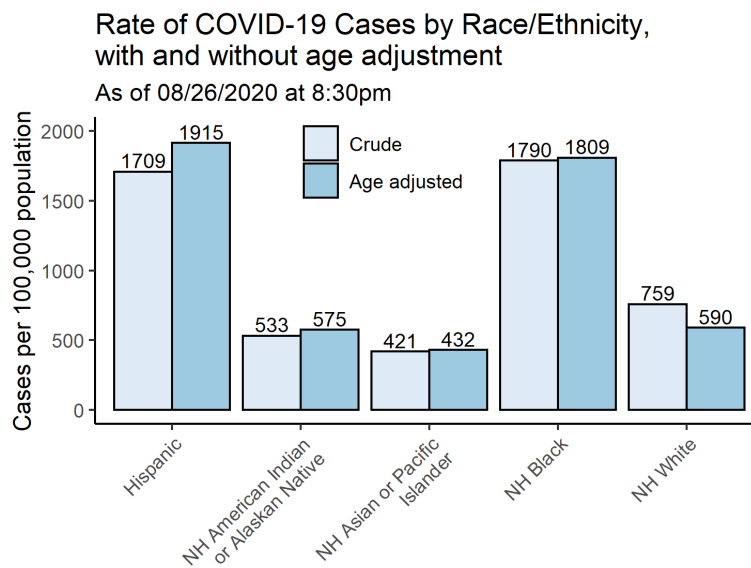## by Gender

As of 08/26/2020 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 08/26/2020 at 8:30pm

Number of COVID-19-Associated Deaths by Race\Ethnicity
As of 08/26/2020 at 8:30pm

All data are preliminary and subject to change. Updated 8/27/2020.

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*

Rate of COVID-19 Cases by Race/Ethnicity, with and without age adjustment
As of 08/26/2020 at 8:30pm

Rate of COVID-19-Associated Deaths by Race/Ethnicity, with and without age adjustment*
As of 08/26/2020 at 8:30pm

Age adjusted rates only calculated for groups with at least 30 deaths

All data are preliminary and subject to change. Updated 8/27/2020.