

COVID-19 Update October 15, 2020

As of **October 14, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **62028**, including **59523** laboratory-confirmed and **2505** probable cases. **One hundred ninety-one** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **4540** 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](#). Prior to June 1, probable and confirmed cases were reported together.

Overall Summary	Total**	Change Since Yesterday
COVID-19 Cases	62028*	+213
COVID-19-Associated Deaths	4540	+3
Patients Currently Hospitalized with COVID-19	191	+3
COVID-19 PCR Tests Reported	1932064	+15817

**Forty-six previously reported cases were removed from the total due to notification from laboratory of false positive results.*

***Includes confirmed plus probable cases*

COVID-19 Cases and Associated Deaths by County of Residence

As of 10/14/20 8:30pm.

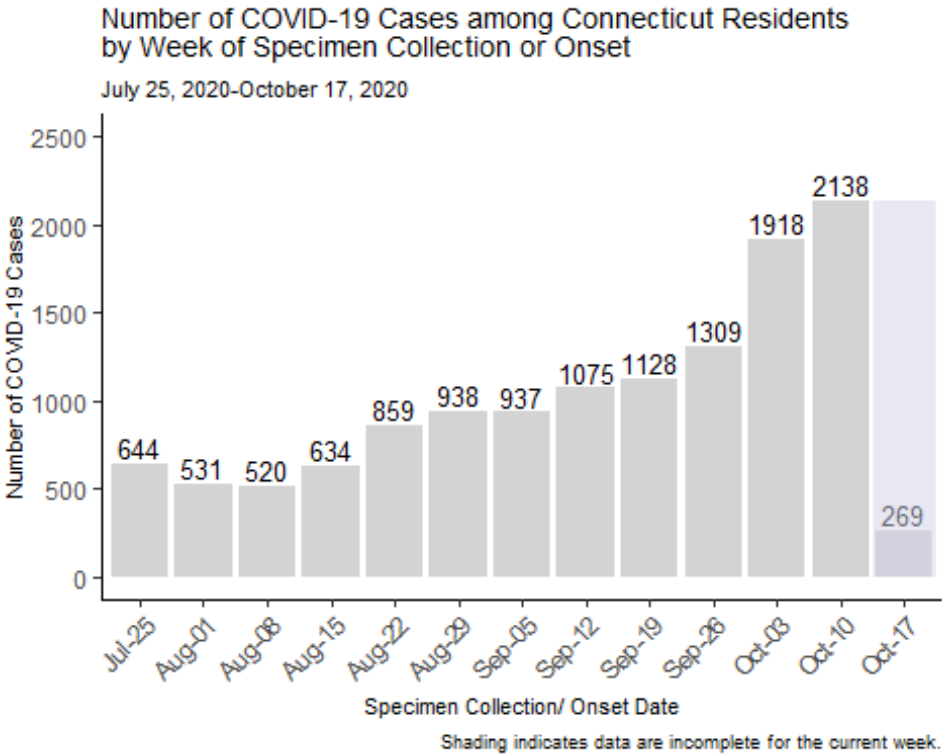
County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	20324	859	1113	314
Hartford County	15344	714	1123	322
Litchfield County	1867	92	122	21
Middlesex County	1661	72	154	39
New Haven County	14763	547	962	157
New London County	2834	90	98	31
Tolland County	1428	111	52	15
Windham County	1177	16	16	1
<i>Pending address validation</i>	<i>125</i>	<i>4</i>	<i>0</i>	<i>0</i>
Total	59523	2505	3640	900

[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

The chart below shows the number of new COVID-19 cases reported to CT DPH by week of specimen collection or onset of illness. There were 2138 new COVID-19 cases with onset or specimen collected during October 3–October 10, corresponding to an average of 8.5 new cases per 100,000 population per day. In comparison, there were an average of 2.3 new cases per 100,000 population per day during July 19–August 15.

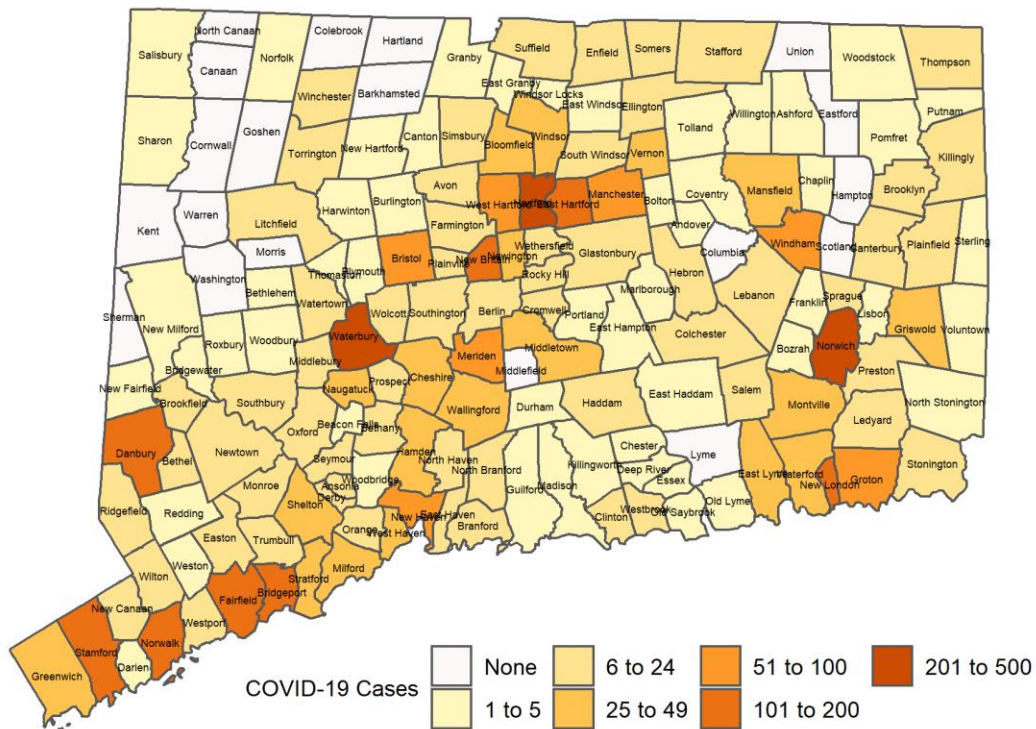


Community Transmission of COVID-19

Among 4056 new COVID-19 cases with specimen collection or onset date during September 27–October 10, there were 3933 (97%) cases among people living in community settings, as shown in the map below. Cases among persons residing in nursing homes, assisted living facilities, and correctional facilities are excluded. Darker colors indicate towns with more cases.

During this two-week period, there were more than 100 new COVID-19 cases in 11 towns: Bridgeport, Danbury, East Hartford, Fairfield, Hartford, New Britain, New London, Norwalk, Norwich, Stamford, and Waterbury.

Number of COVID-19 Cases among Persons Living in Community Settings by Town with Specimen Collection or Onset Date During September 27–October 10

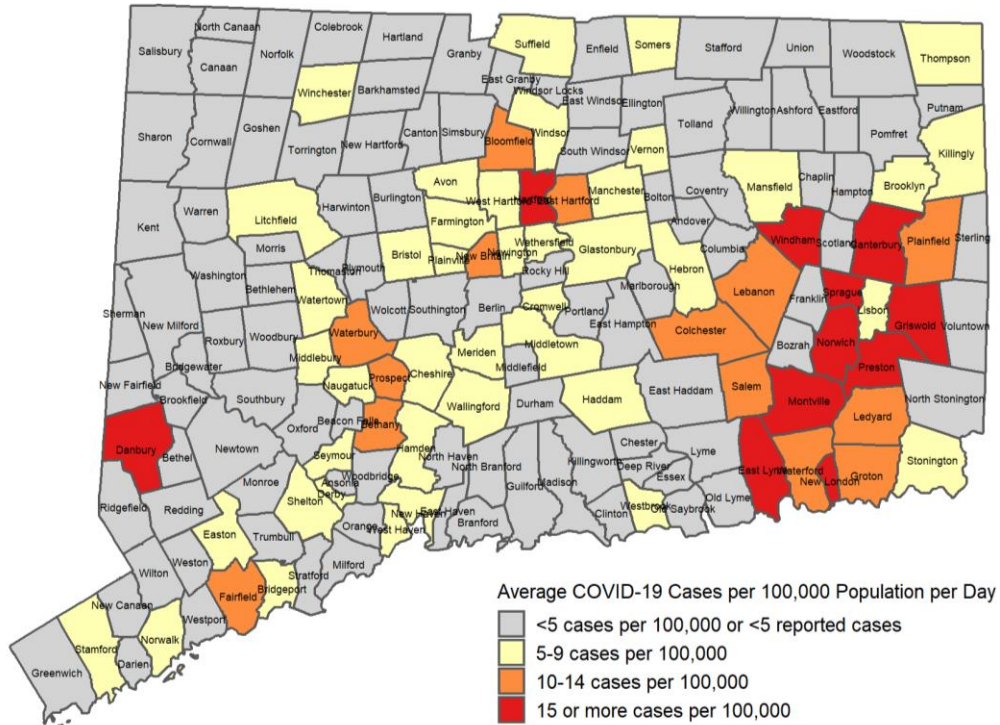


Map does not include 18 cases pending address validation

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 next map below shows the average number of new cases per 100,000 population per day, with darker colors indicating higher rates. Cases among persons residing in nursing homes, assisted living facilities, and correctional facilities are excluded.

Among towns with at least 5 new cases during September 27–October 10, eleven towns had an average rate of 15 or more cases per 100,000 population per day, shown in red in the map below.

Average Daily Rate of COVID-19 Cases among People Living in Community Settings per 100,000 Population by Town with Specimen Collection or Onset Date During September 27–October 10



Map does not include 18 cases pending address validation

Population, Number and Average Daily Rate of COVID-19 Cases among Persons Living in Community Settings by Town with Specimen Collection or Onset Date during September 27–October 10, 2020

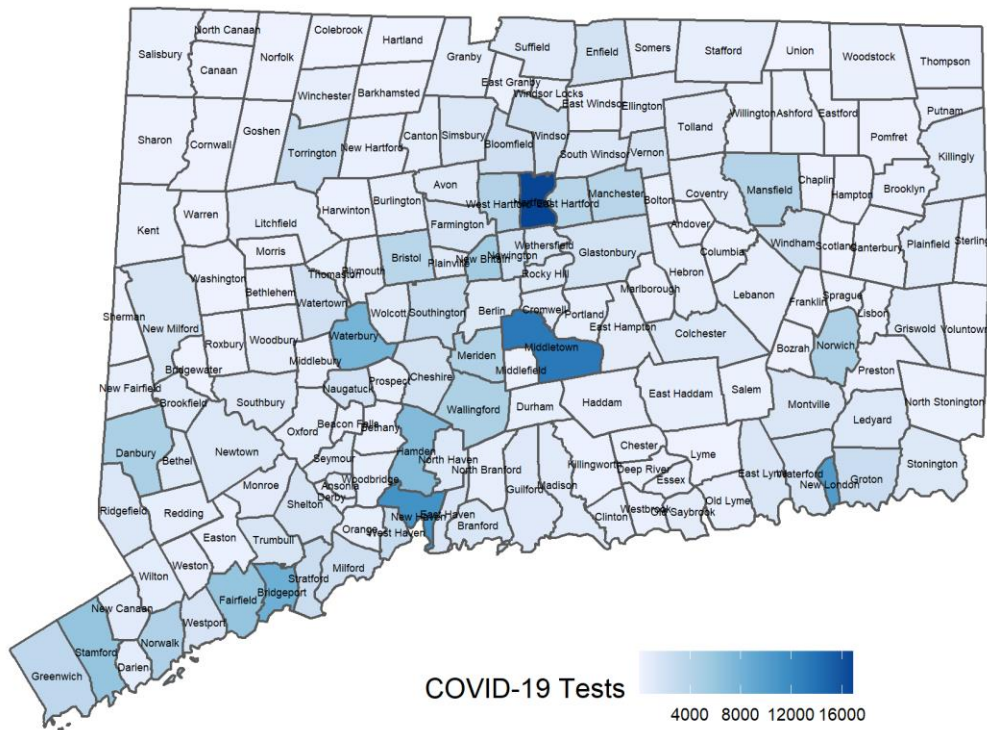
Map does not include 18 cases pending address validation

Town	Pop	Cases	Rate	Town	Pop	Cases	Rate	Town	Pop	Cases	Rate
Andover	3231	<5	4.4	Griswold	11591	29	17.9	Prospect	9790	20	14.6
Ansonia	18721	11	4.2	Groton	38692	77	14.2	Putnam	9395	<5	2.3
Ashford	4261	<5	3.4	Guilford	22216	5	1.6	Redding	9125	<5	0.8
Avon	18302	15	5.9	Haddam	8222	11	9.6	Ridgefield	25008	13	3.7
Barkhamsted	3624	0	0.0	Hamden	60940	45	5.3	Rocky Hill	20145	13	4.6
Beacon Falls	6182	<5	1.2	Hampton	1853	0	0.0	Roxbury	2160	<5	3.3
Berlin	20432	11	3.8	Hartford	122587	307	17.9	Salem	4123	8	13.9
Bethany	5479	10	13.0	Hartland	2120	0	0.0	Salisbury	3598	<5	2
Bethel	19714	11	4.0	Harwinton	5430	<5	3.9	Scotland	1685	0	0
Bethlehem	3422	<5	2.1	Hebron	9482	9	6.8	Seymour	16509	20	8.7
Bloomfield	21301	32	10.7	Kent	2785	0	0.0	Sharon	2703	<5	2.6
Bolton	4890	<5	1.5	Killingly	17287	12	5.0	Shelton	41097	30	5.2
Bozrah	2537	<5	11.3	Killingworth	6370	<5	2.2	Sherman	3614	0	0
Branford	28005	13	3.3	Lebanon	7207	12	11.9	Simsbury	24979	11	3.1
Bridgeport	144900	136	6.7	Ledyard	14736	23	11.1	Somers	10834	13	8.6
Bridgewater	1641	<5	4.4	Lisbon	4248	5	8.4	South Windsor	26054	18	4.9
Bristol	60032	57	6.8	Litchfield	8127	8	7.0	Southbury	19656	10	3.6
Brookfield	17002	6	2.5	Lyme	2338	0	0.0	Southington	43807	25	4.1
Brooklyn	8280	8	6.9	Madison	18106	5	2.0	Sprague	2889	7	17.3
Burlington	9665	5	3.7	Manchester	57699	54	6.7	Stafford	11884	7	4.2
Canaan	1055	0	0.0	Mansfield	25817	29	8.0	Stamford	129775	110	6.1
Canterbury	5100	12	16.8	Marlborough	6358	<5	2.2	Sterling	3780	<5	1.9
Canton	10270	<5	2.1	Meriden	59540	53	6.4	Stonington	18449	19	7.4
Chaplin	2256	<5	6.3	Middlebury	7731	6	5.5	Stratford	51967	36	4.9
Cheshire	29179	31	7.6	Middlefield	4380	0	0.0	Suffield	15743	15	6.8
Chester	4229	<5	3.4	Middletown	46146	33	5.1	Thomaston	7560	<5	1.9
Clinton	12950	7	3.9	Milford	54661	29	3.8	Thompson	9395	7	5.3
Colchester	15936	23	10.3	Monroe	19470	8	2.9	Tolland	14655	<5	1.9
Colebrook	1405	0	0.0	Montville	18716	42	16.0	Torrington	34228	10	2.1
Columbia	5385	0	0.0	Morris	2262	0	0.0	Trumbull	35802	13	2.6
Cornwall	1368	0	0.0	Naugatuck	31288	33	7.5	Union	840	0	0
Coventry	12414	5	2.9	New Britain	72453	147	14.5	Vernon	29303	28	6.8
Cromwell	13905	16	8.2	New Canaan	20213	7	2.5	Voluntown	2535	<5	11.3
Danbury	84730	180	15.2	New Fairfield	13877	<5	1.0	Wallingford	44535	41	6.6
Darien	21753	5	1.6	New Hartford	6685	<5	1.1	Warren	1399	0	0
Deep River	4463	<5	4.8	New Haven	130418	96	5.3	Washington	3434	0	0
Derby	12515	10	5.7	New London	26939	177	46.9	Waterbury	108093	201	13.3
Durham	7195	<5	3.0	New Milford	26974	5	1.3	Waterford	18887	32	12.1
East Granby	5147	<5	1.4	Newington	30112	33	7.8	Watertown	21641	25	8.3
East Haddam	8988	5	4.0	Newtown	27774	6	1.5	West Hartford	62939	66	7.5
East Hampton	12854	<5	2.2	Norfolk	1640	<5	4.4	West Haven	54879	49	6.4
East Hartford	49998	101	14.4	North Branford	14158	6	3.0	Westbrook	6914	8	8.3
East Haven	28699	17	4.2	North Canaan	3254	0	0.0	Weston	10247	5	3.5
East Lyme	18645	40	15.3	North Haven	23691	14	4.2	Westport	28115	13	3.3
East Windsor	11375	<5	0.6	North Stonington	5243	<5	5.4	Wethersfield	26082	20	5.5
Eastford	1790	0	0.0	Norwalk	89047	112	9.0	Willington	5887	<5	3.6
Easton	7517	6	5.7	Norwich	39136	274	50.0	Wilton	18397	8	3.1
Ellington	16299	10	4.4	Old Lyme	7366	<5	1.9	Winchester	10655	8	5.4
Enfield	44466	24	3.9	Old Saybrook	10087	5	3.5	Windham	24706	92	26.6
Essex	6674	<5	3.2	Orange	13949	8	4.1	Windsor	28760	26	6.5
Fairfield	61952	109	12.6	Oxford	13226	7	3.8	Windsor Locks	12876	5	2.8
Farmington	25506	25	7.0	Plainfield	15173	25	11.8	Wolcott	16649	11	4.7
Franklin	1933	<5	14.8	Plainville	17623	15	6.1	Woodbridge	8805	<5	3.2
Glastonbury	34491	24	5.0	Plymouth	11645	<5	2.5	Woodbury	9537	<5	2.2
Goshen	2879	0	0.0	Pomfret	4204	<5	1.7	Woodstock	7862	<5	1.8
Granby	11375	<5	1.3	Portland	9305	<5	2.3				
Greenwich	62727	29	3.3	Preston	4638	11	16.9				

COVID-19 PCR Tests among Persons Living in Community Settings during September 27–October 10

Among 277,721 PCR tests for COVID-19 with specimen collection date during September 27–October 10, 257,668 (93%) tests were conducted among people who lived in community settings (i.e., did not reside in nursing homes, assisted living, and correctional facilities). Of these 257,668 tests, 4414 (1.7%) were positive. The map below shows the number of PCR COVID-19 tests by town with specimen collection date during September 27–October 10 that were conducted among community residents.

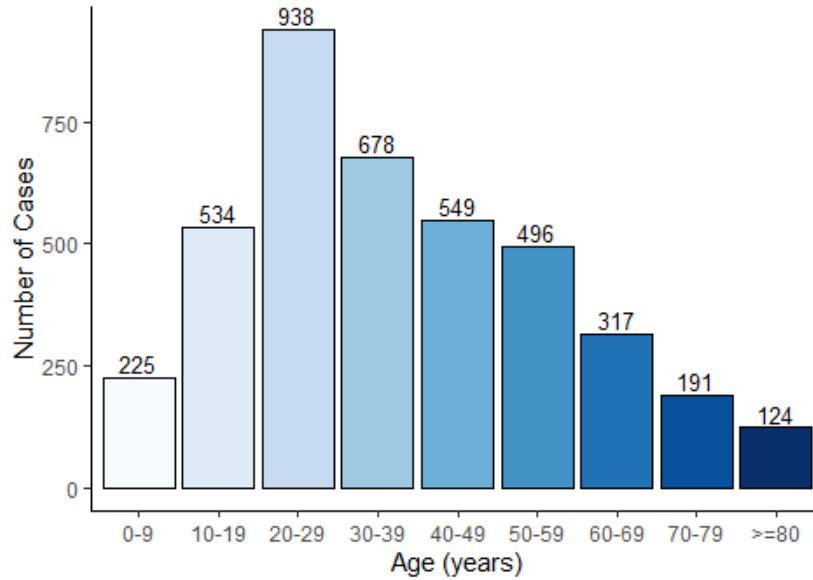
Number of PCR Tests for COVID-19 among People Living in Community Settings by Town with Specimen Collection Date During September 27-October 10



Map does not include 6023 tests pending address validation

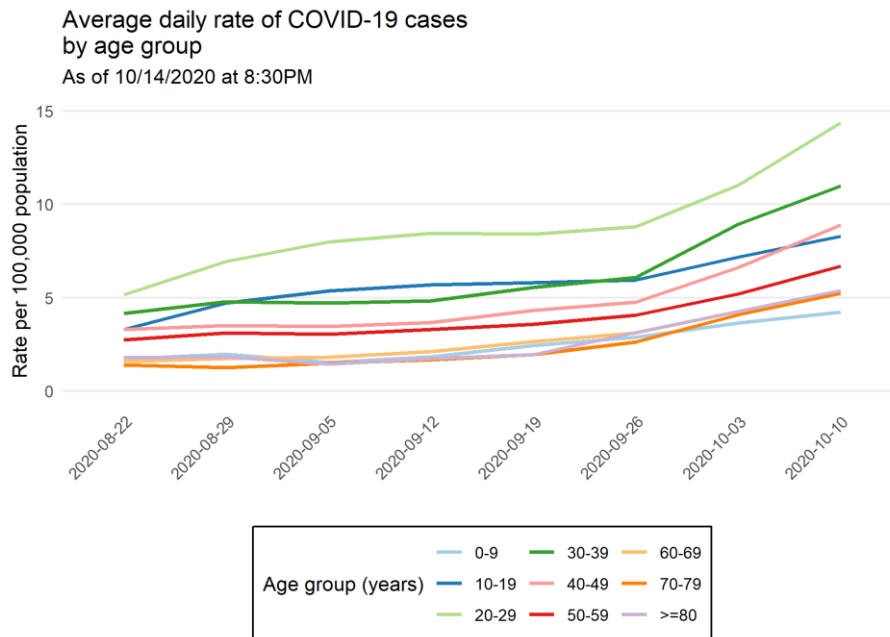
Age Distribution of COVID-19 Cases with Specimen Collection or Onset During September 27–October 10, 2020

Number of New COVID-19 Cases by Age Group with Specimen Collection or Onset during September 27–October 10, 2020



Average Daily Incidence by Age Group

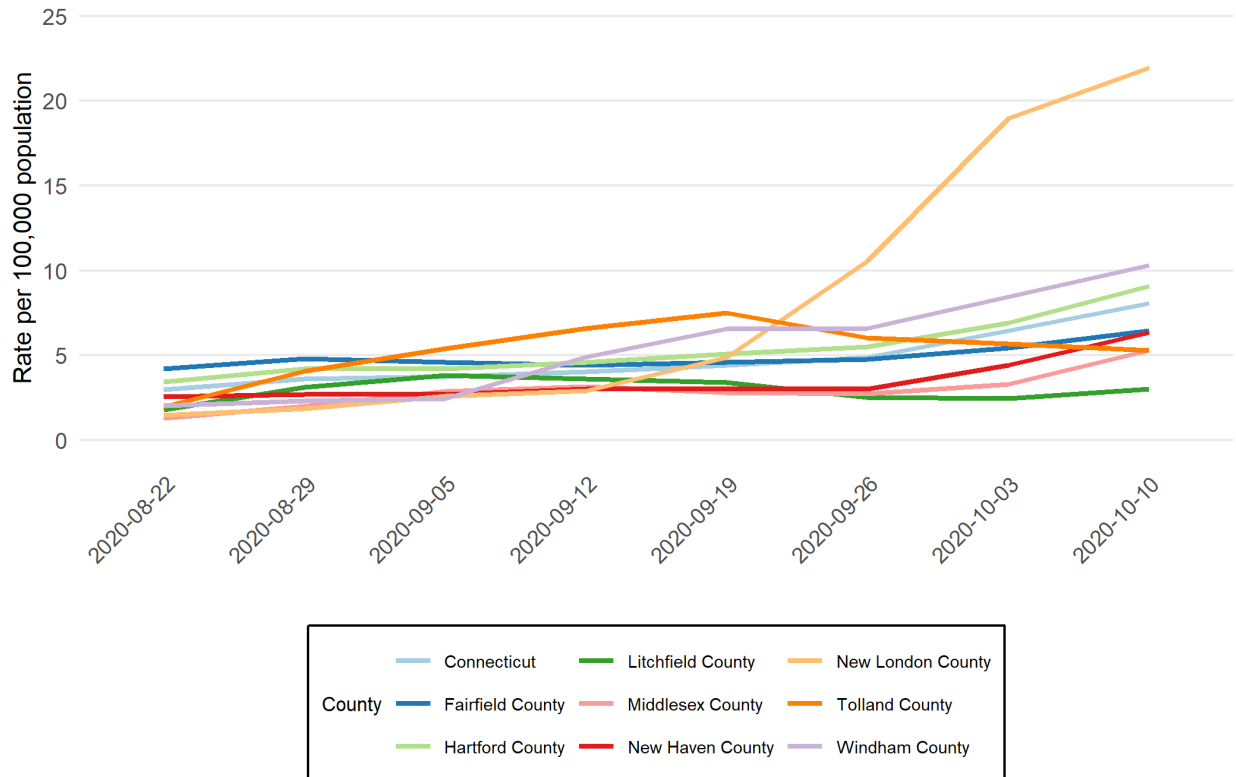
The chart below shows the average number of new COVID-19 cases per day per 100,000 population by age group. The rates in this chart are calculated by averaging the number of new cases diagnosed each day during the previous two weeks, dividing by the annual population in each age group, and then multiplying by 100,000.



Average Daily Incidence by County

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

Average daily rates of COVID-19 cases by county
As of 10/14/2020 at 8:30PM

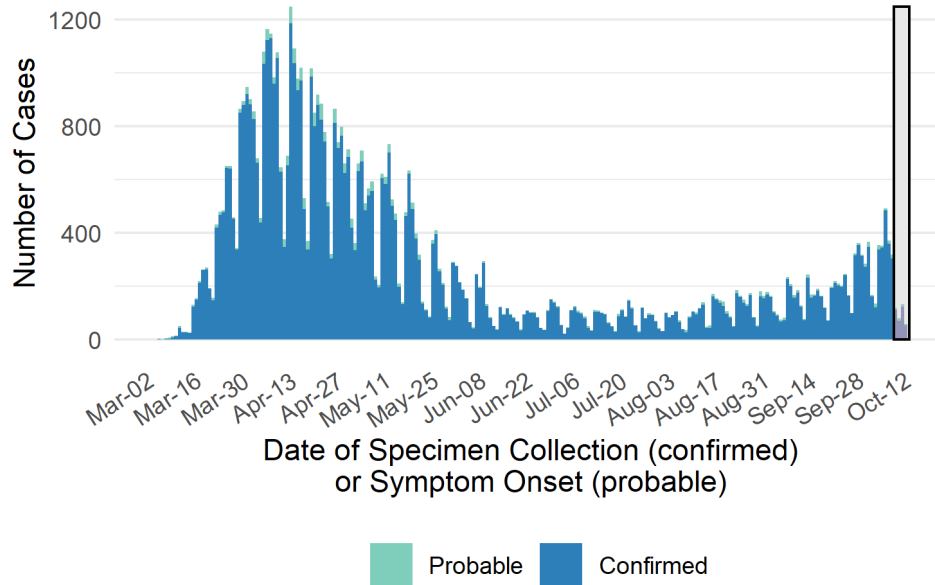


Cumulative Number of COVID-19 Cases and COVID-19-Associated Deaths by Dates

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.

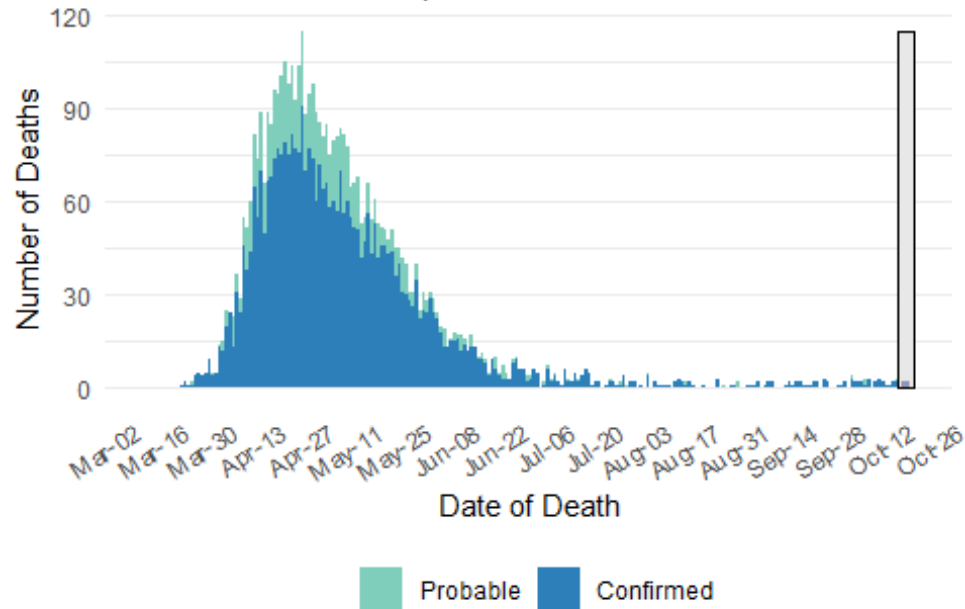
Number of Confirmed and Probable COVID-19 Cases by Date

As of 10/14/2020 at 8:30pm



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

As of 10/14/2020 at 8:30pm

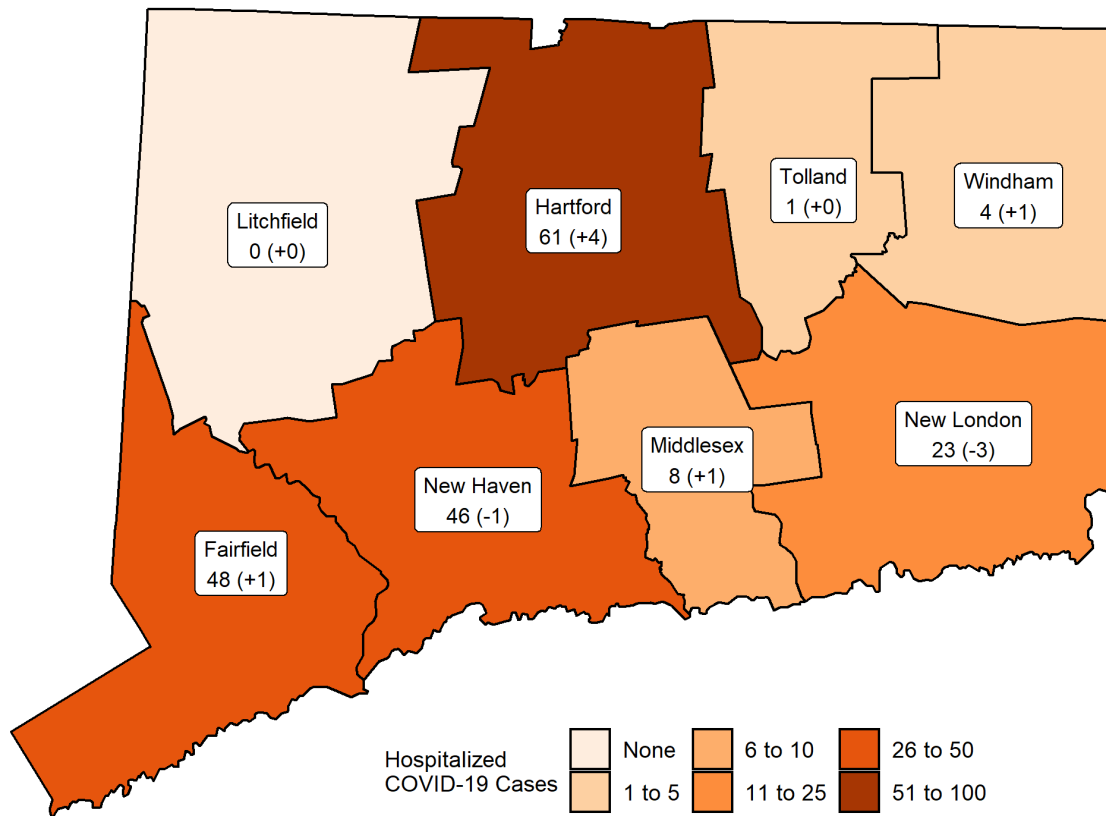


Hospitalization Surveillance

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

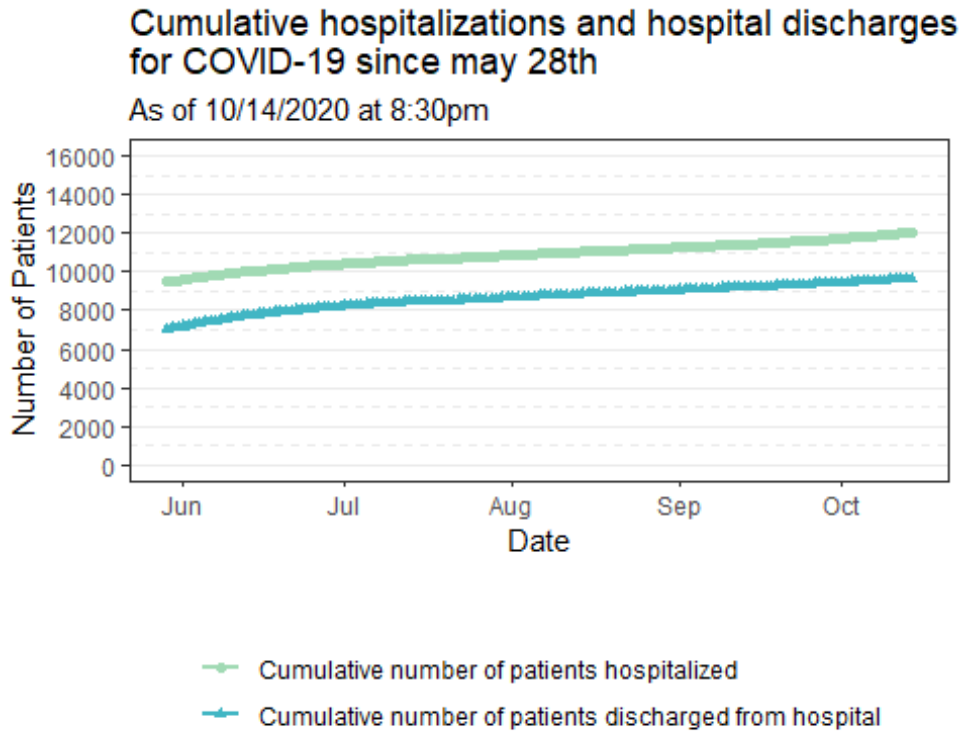
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



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

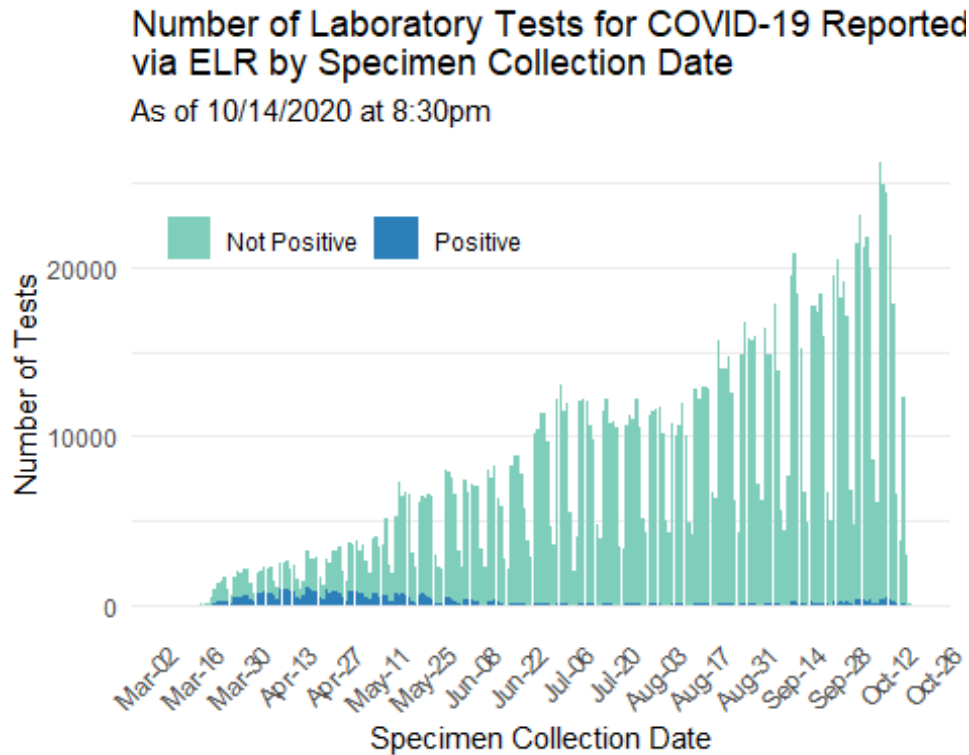
The chart below shows information on cumulative hospitalizations and hospital discharges for patients with laboratory-confirmed COVID-19 since May 29, 2020. Data were collected by the Connecticut Hospital Association. To date, **12043** patients have been hospitalized with laboratory-confirmed COVID-19 in Connecticut and **9651** patients hospitalized with laboratory-confirmed have been discharged.



**Test results may be reported several days after the date of collection. Data from previous dates are routinely updated.*

Laboratory Surveillance

To date, DPH has received reports on a total of 1932064 COVID-19 laboratory tests; of these 1718249 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.

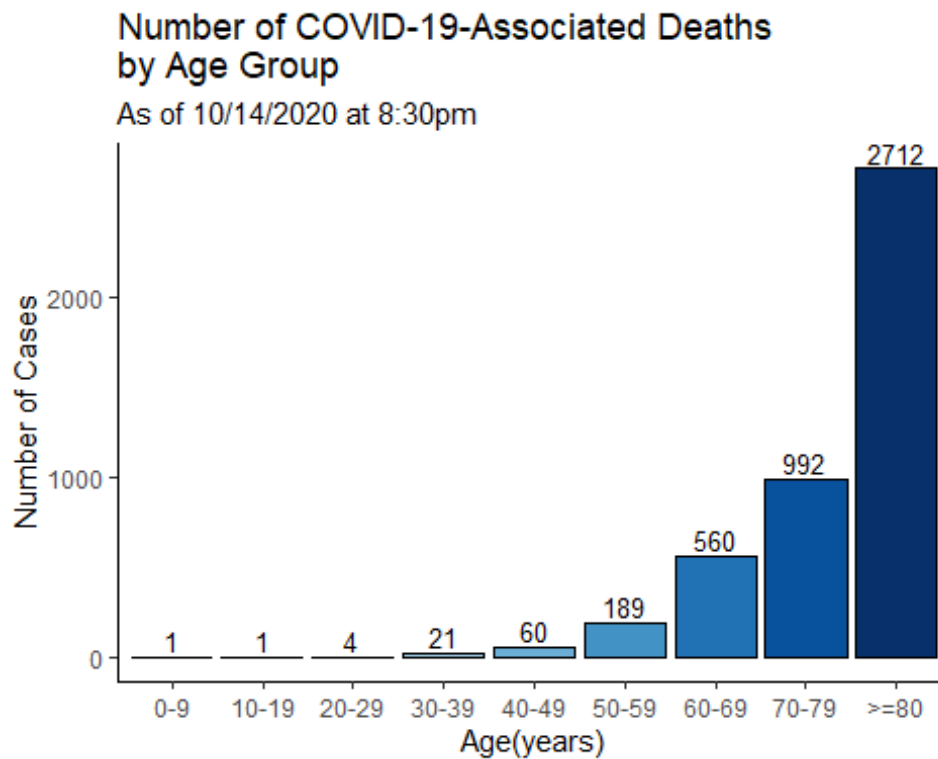
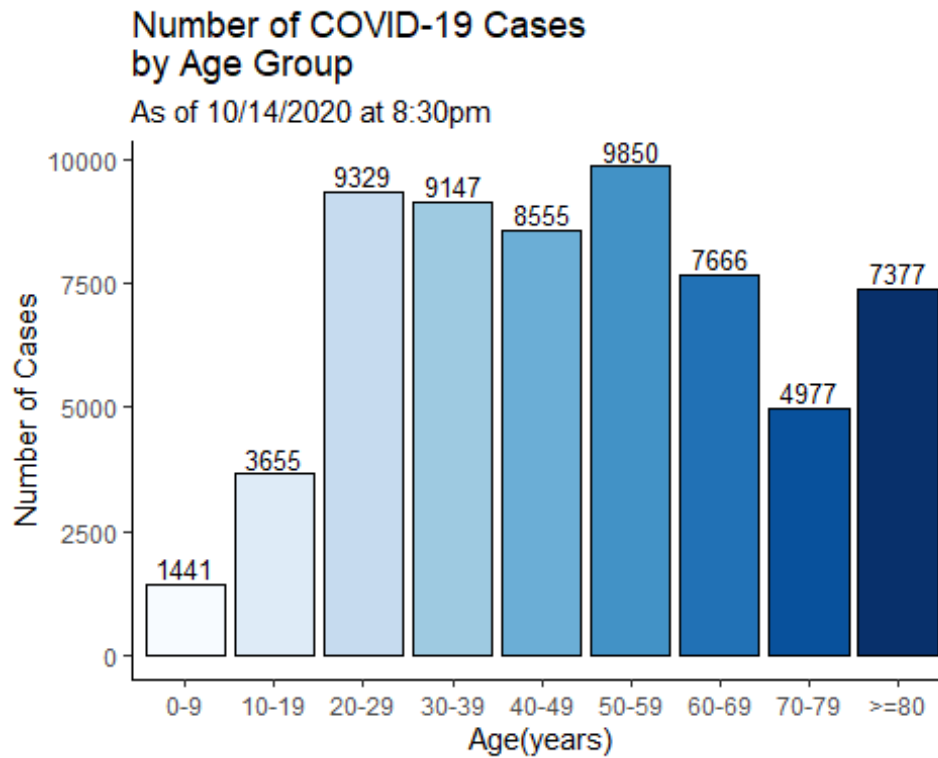


Testing of specimens collected since October 12 is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

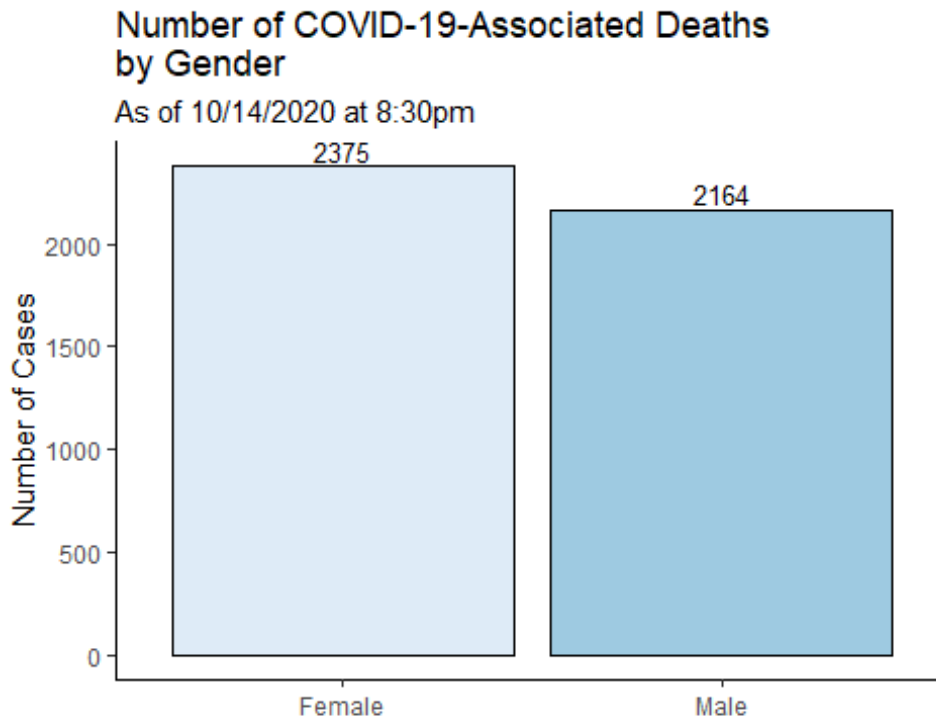
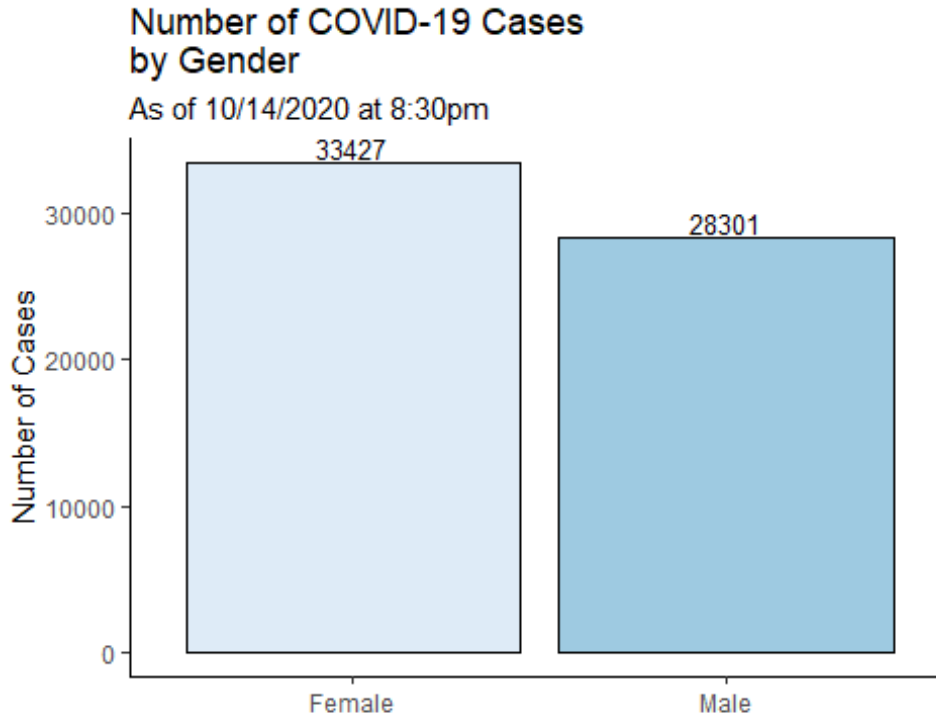
ELR = Electronic Laboratory Reporting

Characteristics of COVID-19 Cases and Associated Deaths

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

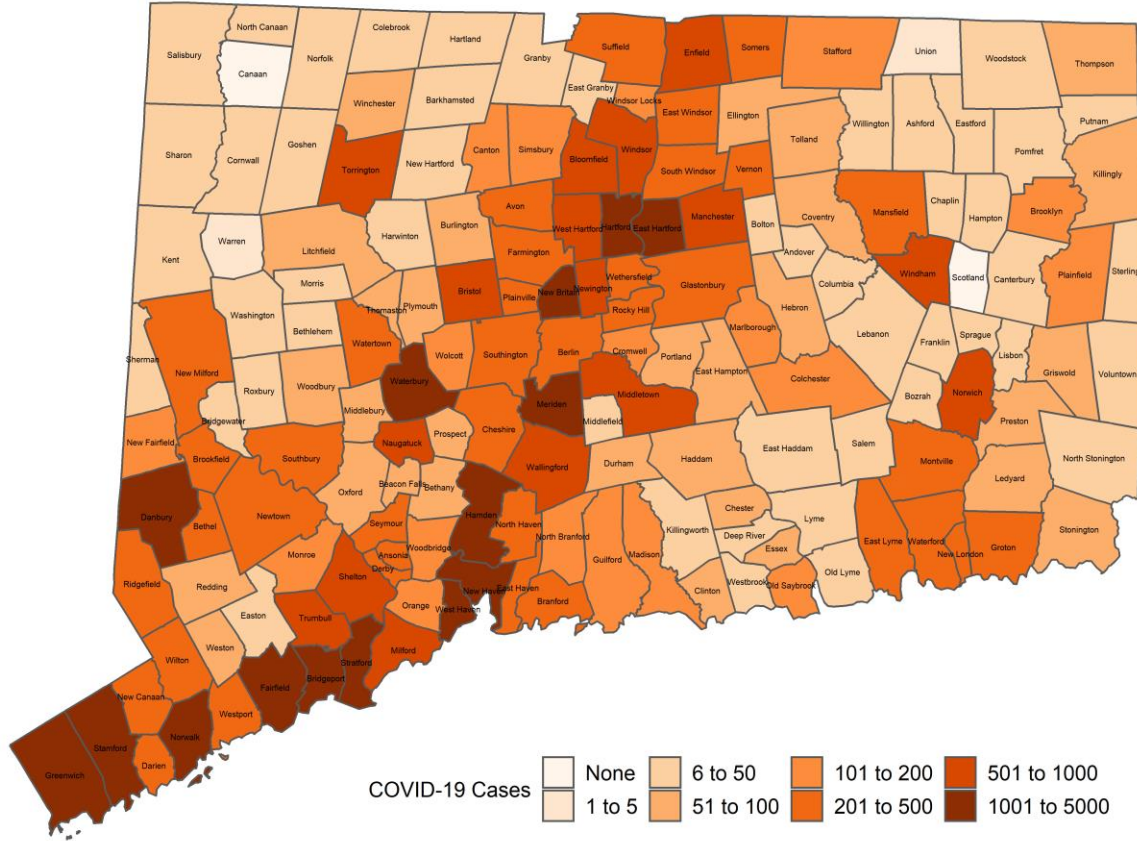


Counts may not add up to total case count because demographic data may be missing.



Cumulative Number of COVID-19 Cases by Town

Map does not include 129 cases pending address validation



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

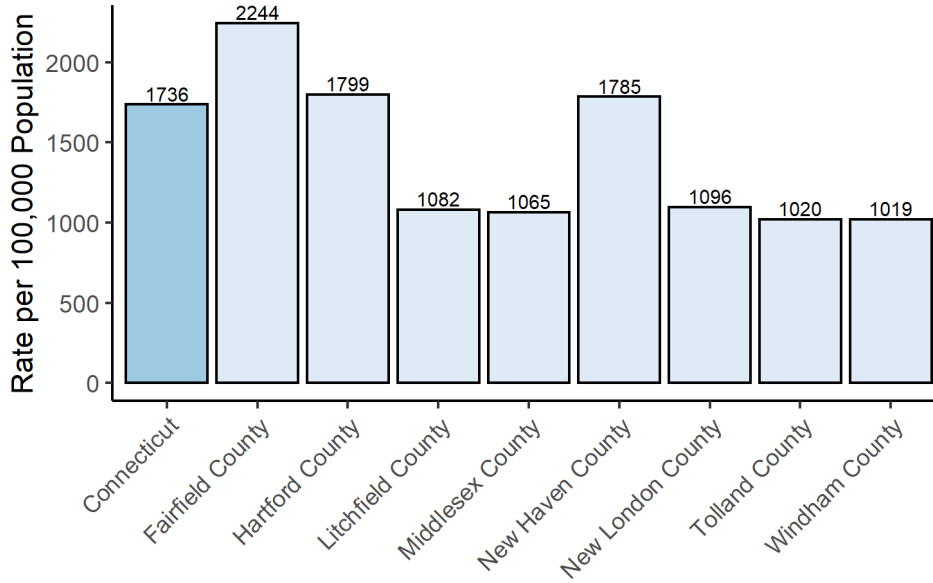
Table does not include 129 cases pending address validation

Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	11	0	Griswold	94	2	Prospect	98	1
Ansonia	331	11	Groton	297	17	Putnam	49	1
Ashford	27	1	Guilford	137	10	Redding	79	7
Avon	235	10	Haddam	60	1	Ridgefield	279	15
Barkhamsted	31	2	Hamden	1158	49	Rocky Hill	478	20
Beacon Falls	66	2	Hampton	8	0	Roxbury	16	3
Berlin	218	13	Hartford	3537	130	Salem	31	0
Bethany	61	1	Hartland	7	0	Salisbury	28	1
Bethel	315	23	Harwinton	38	3	Scotland	0	0
Bethlehem	13	1	Hebron	52	2	Seymour	259	12
Bloomfield	613	32	Kent	18	3	Sharon	16	0
Bolton	33	2	Killingly	69	7	Shelton	724	46
Bozrah	21	0	Killingworth	26	0	Sherman	16	5
Branford	388	16	Lebanon	49	0	Simsbury	162	14
Bridgeport	4328	131	Ledyard	85	1	Somers	299	21
Bridgewater	14	2	Lisbon	20	0	South Windsor	201	18
Bristol	781	21	Litchfield	67	2	Southbury	225	7
Brookfield	220	12	Lyme	8	1	Southington	423	18
Brooklyn	181	3	Madison	174	10	Sprague	16	1
Burlington	52	2	Manchester	909	60	Stafford	119	10
Canaan	0	0	Mansfield	302	43	Stamford	3753	82
Canterbury	35	1	Marlborough	100	5	Sterling	12	0
Canton	103	10	Meriden	1132	39	Stonington	57	6
Chaplin	11	0	Middlebury	61	6	Stratford	961	46
Cheshire	295	8	Middlefield	29	1	Suffield	198	17
Chester	59	1	Middletown	738	28	Thomaston	78	2
Clinton	85	4	Milford	760	29	Thompson	60	1
Colchester	138	6	Monroe	157	6	Tolland	63	8
Colebrook	6	0	Montville	360	7	Torrington	626	27
Columbia	30	0	Morris	15	0	Trumbull	592	55
Cornwall	6	0	Naugatuck	492	17	Union	4	1
Coventry	73	5	New Britain	1682	64	Vernon	321	14
Cromwell	158	14	New Canaan	221	4	Voluntown	20	0
Danbury	2982	144	New Fairfield	146	6	Wallingford	603	15
Darien	268	9	New Hartford	42	0	Warren	5	0
Deep River	23	2	New Haven	3101	79	Washington	29	1
Derby	203	1	New London	452	12	Waterbury	2566	108
Durham	59	5	New Milford	350	23	Waterford	220	9
East Granby	17	0	Newington	484	22	Watertown	200	9
East Haddam	37	0	Newtown	291	18	West Hartford	932	63
East Hampton	69	5	Norfolk	16	1	West Haven	1227	49
East Hartford	1207	59	North Branford	102	8	Westbrook	48	1
East Haven	458	29	North Canaan	11	1	Weston	92	4
East Lyme	215	15	North Haven	320	10	Westport	379	17
East Windsor	209	14	North Stonington	20	1	Wethersfield	321	8
Eastford	14	0	Norwalk	2325	68	Willington	27	1
Easton	48	2	Norwich	629	10	Wilton	243	27
Ellington	94	4	Old Lyme	30	0	Winchester	76	3
Enfield	776	15	Old Saybrook	127	4	Windham	545	1
Essex	60	0	Orange	159	5	Windsor	640	47
Fairfield	917	84	Oxford	96	4	Windsor Locks	156	6
Farmington	289	10	Plainfield	102	1	Wolcott	148	9
Franklin	21	0	Plainville	209	3	Woodbridge	143	12
Glastonbury	362	31	Plymouth	85	5	Woodbury	67	2
Goshen	14	1	Pomfret	24	0	Woodstock	40	0
Granby	43	2	Portland	83	6			
Greenwich	988	48	Preston	51	2			

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](#)

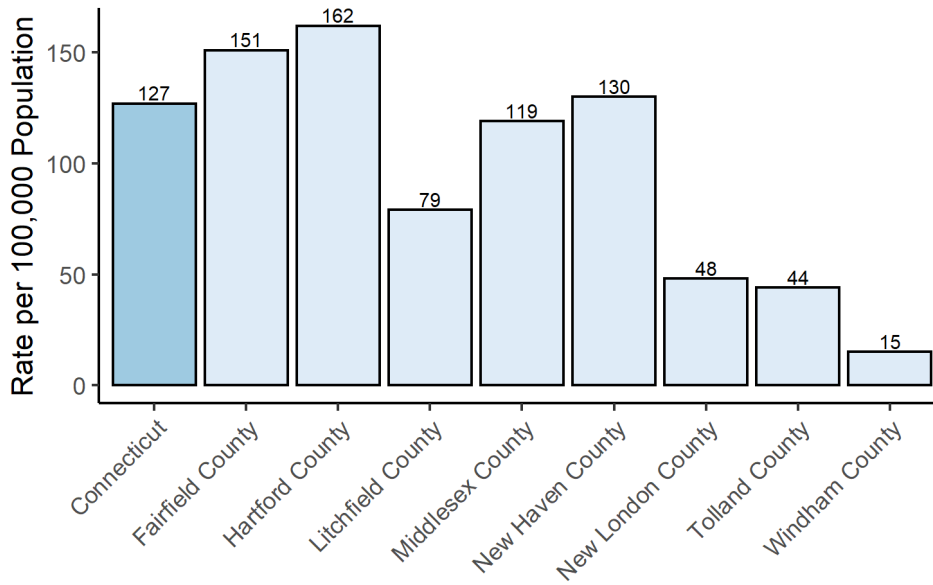
Rate of COVID-19 Cases Statewide and by County

As of 10/14/2020 at 8:30pm



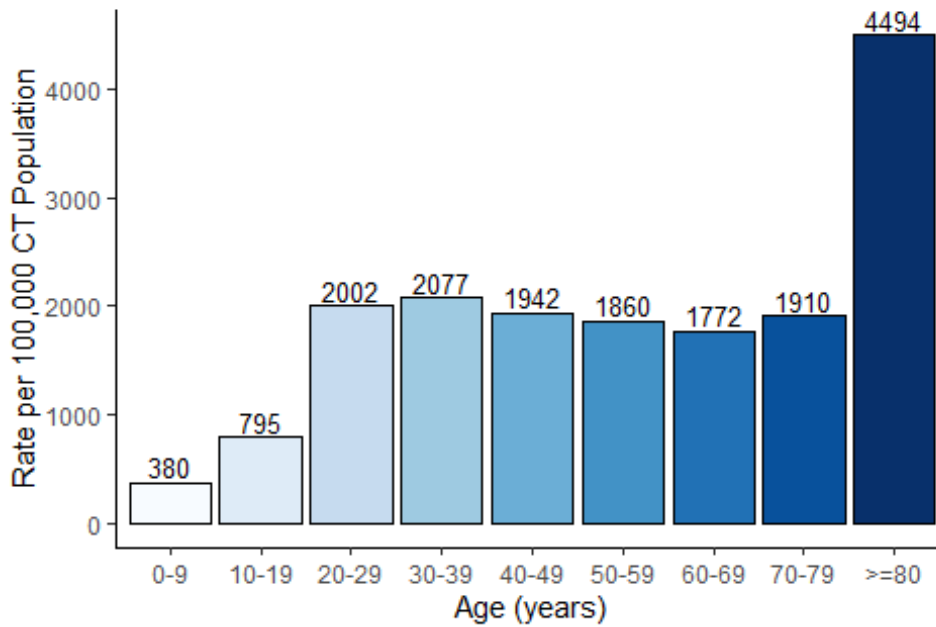
Rate of COVID-19-Associated Deaths Statewide and by County

As of 10/14/2020 at 8:30pm



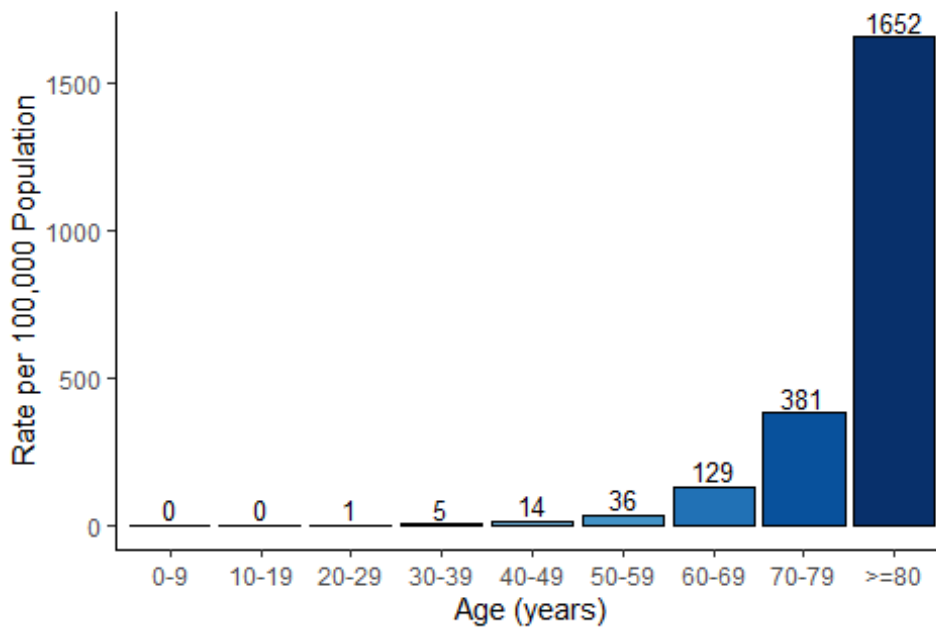
Rate of COVID-19 Cases by Age Group

As of 10/14/2020 at 8:30pm



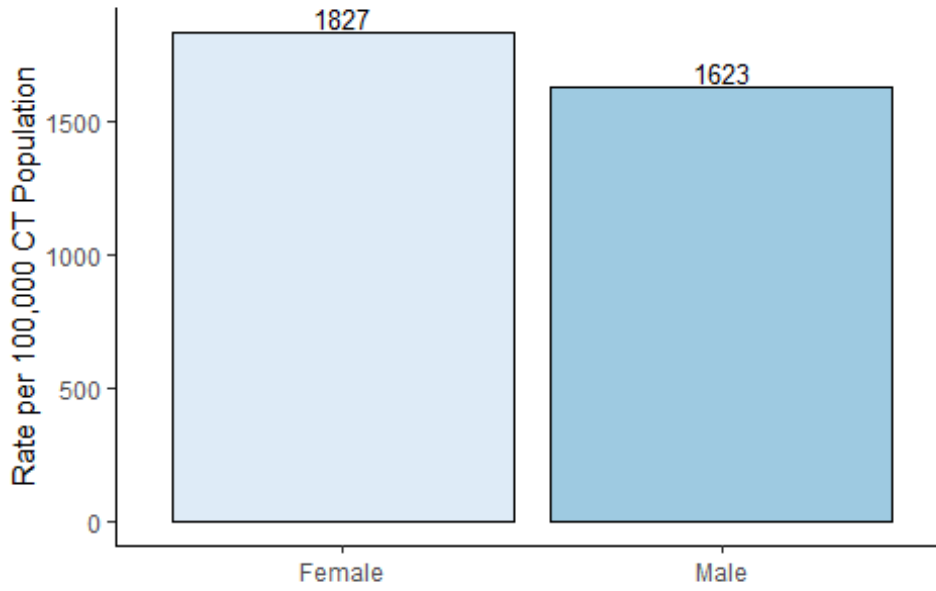
Rate of COVID-19-Associated Deaths by Age Group

As of 10/14/2020 at 8:30pm



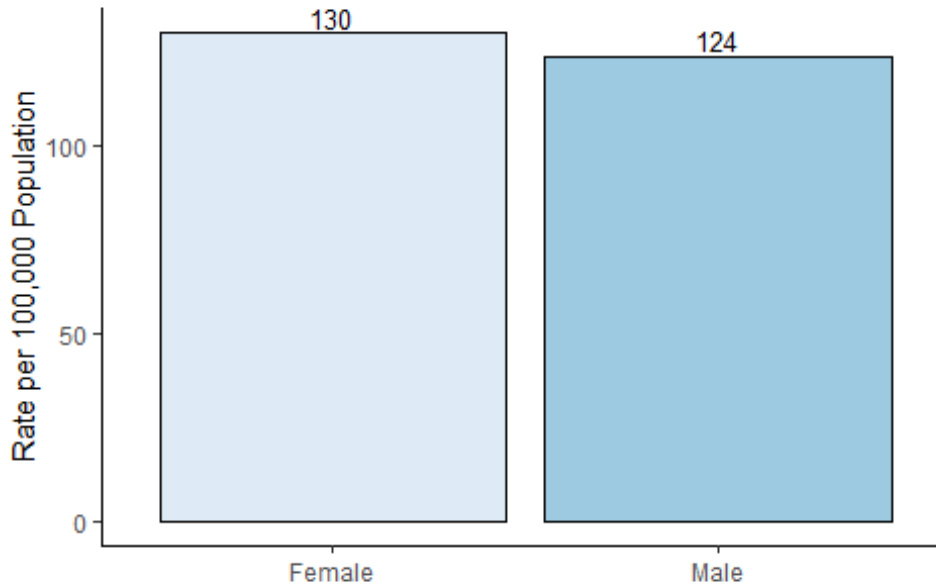
Rate of COVID-19 Cases by Gender

As of 10/14/2020 at 8:30pm

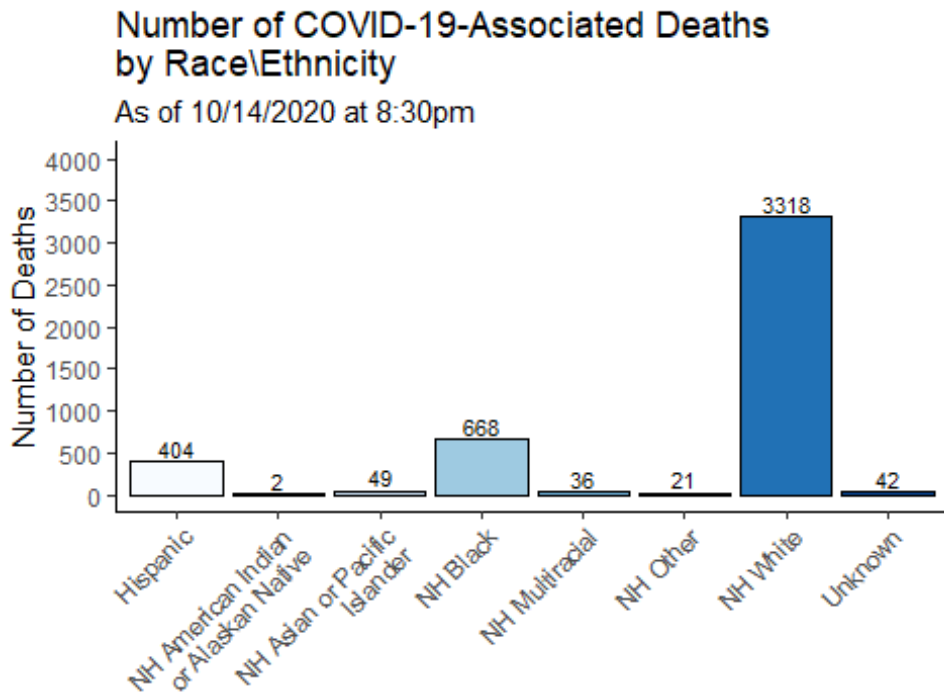
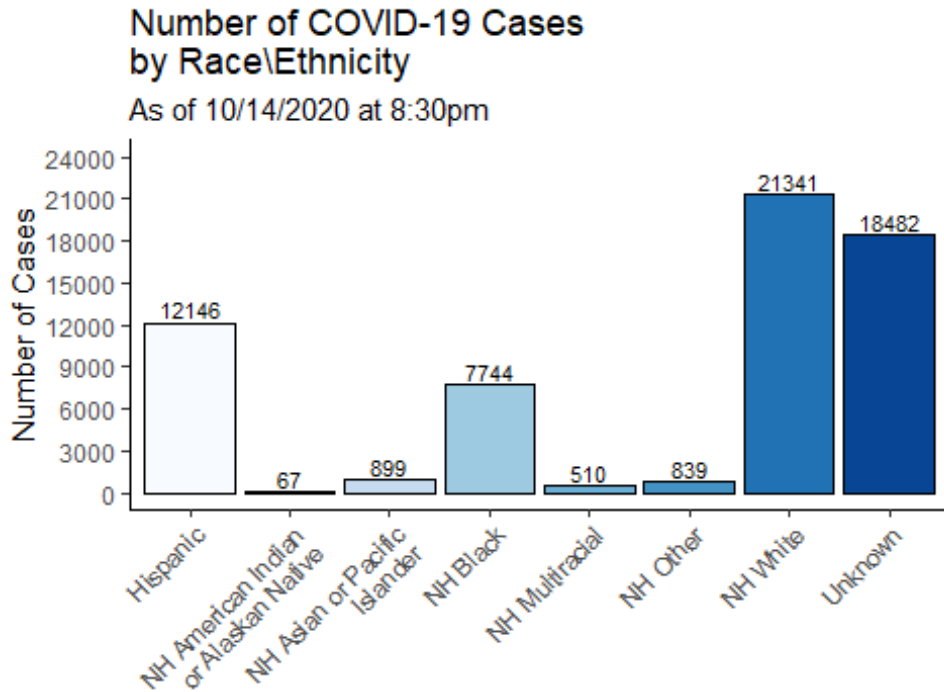


Rate of COVID-19-Associated Deaths by Gender

As of 10/14/2020 at 8:30pm

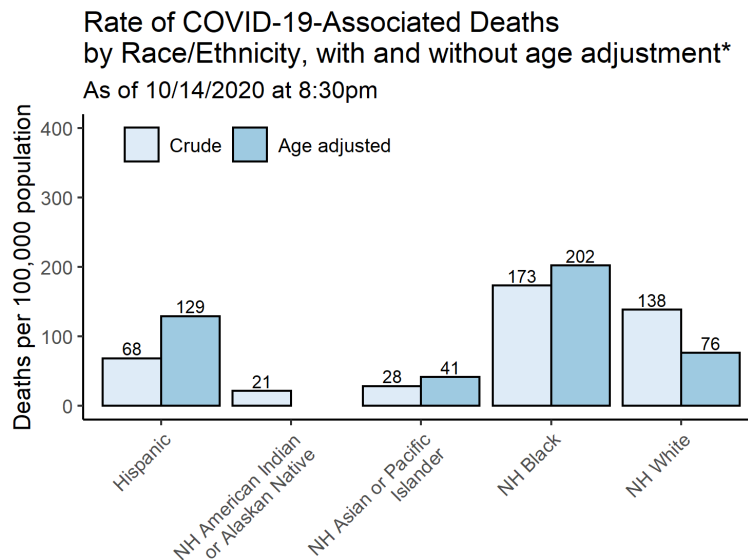
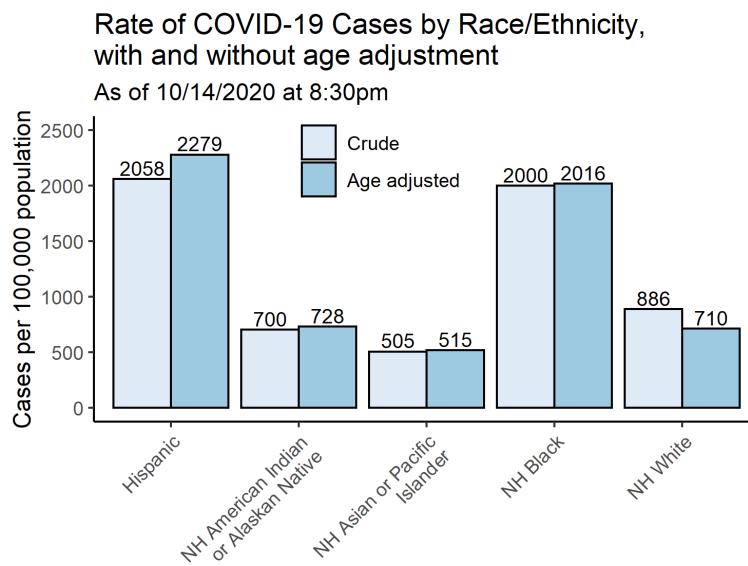


APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. Categories are mutually exclusive. The category “multiracial” includes people who answered ‘yes’ to more than one race category. NH=Non-Hispanic



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