

COVID-19 Update October 22, 2020

As of **October 21, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **65373**, including **62743** laboratory-confirmed and **2630** probable cases. **Two hundred thirty-two** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **4569** 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	65373	+502
COVID-19-Associated Deaths	4569	+2
Patients Currently Hospitalized with COVID-19	232	+19
COVID-19 PCR Tests Reported	2089633	+22117

***Includes confirmed plus probable cases*

COVID-19 Cases and Associated Deaths by County of Residence

As of 10/21/20 8:30pm.

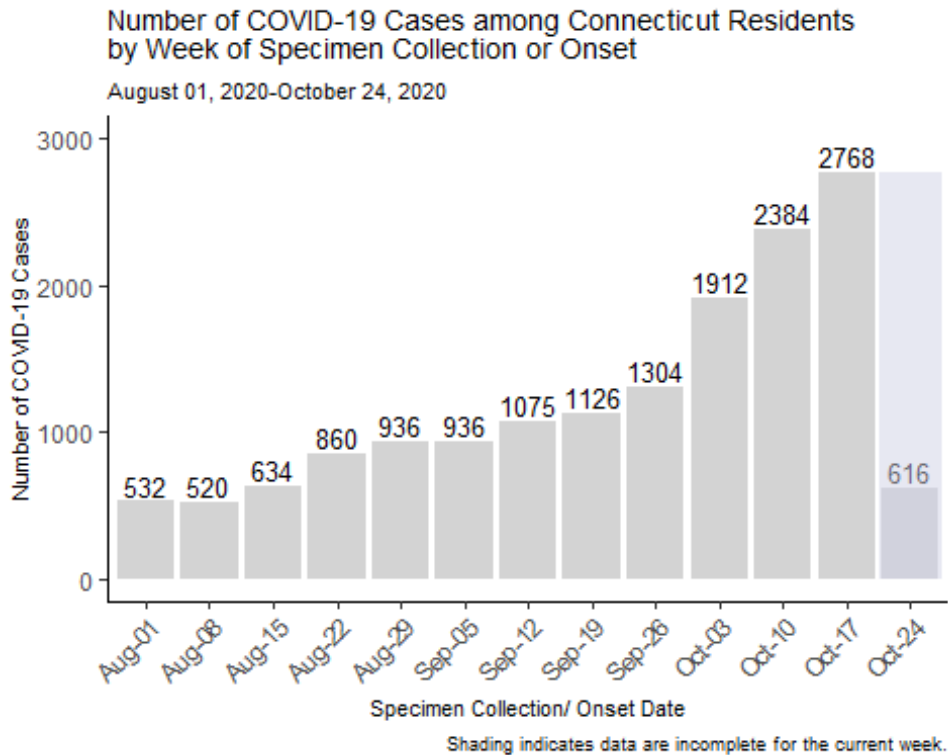
County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	21195	893	1115	314
Hartford County	16164	747	1137	322
Litchfield County	1992	94	122	21
Middlesex County	1772	81	157	39
New Haven County	15373	579	964	158
New London County	3296	90	103	32
Tolland County	1533	122	53	15
Windham County	1288	17	16	1
Pending address validation	130	7	0	0
Total	62743	2630	3667	902

[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. During the past two weeks (October 4–17), there were 5152 new COVID-19 cases, including cases among people residing in the community and in congregate settings, such as nursing homes, assisted living, and correctional facilities.

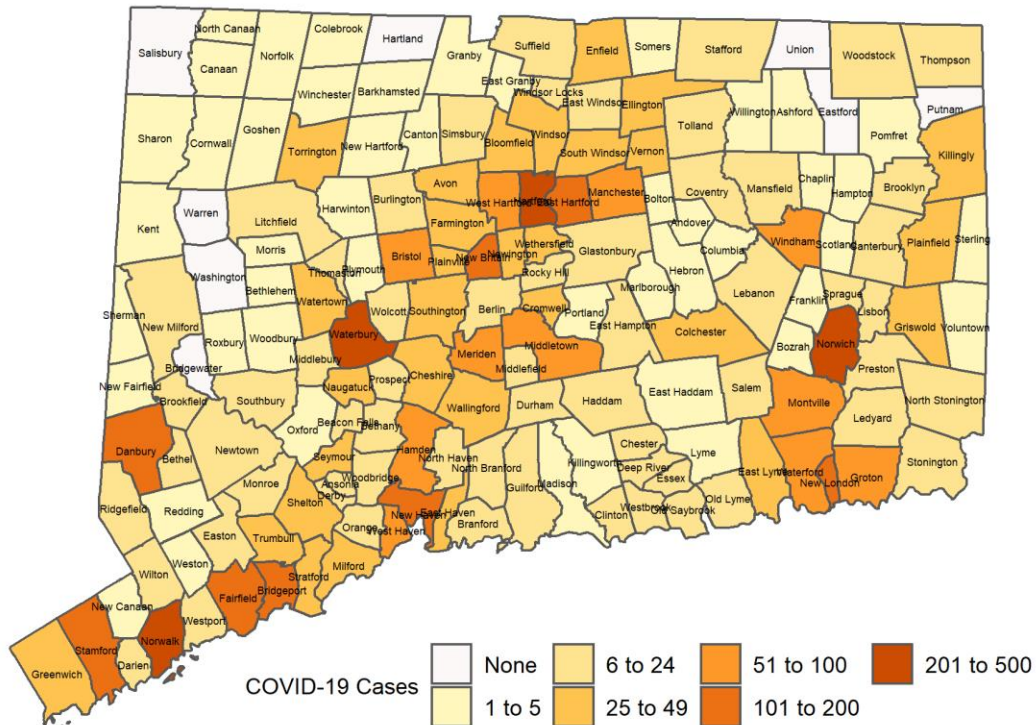


Community Transmission of COVID-19

Among 5152 new COVID-19 cases with specimen collection or onset date during October 4–17, there were 4951 (96%) cases among people living in community settings, as shown in the map below. This corresponds to an average of 9.9 new COVID-19 cases per 100,000 population. Cases among people 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 12 towns.

Number of COVID-19 Cases among People Living in Community Settings by Town with Specimen Collection or Onset Date During October 04-17

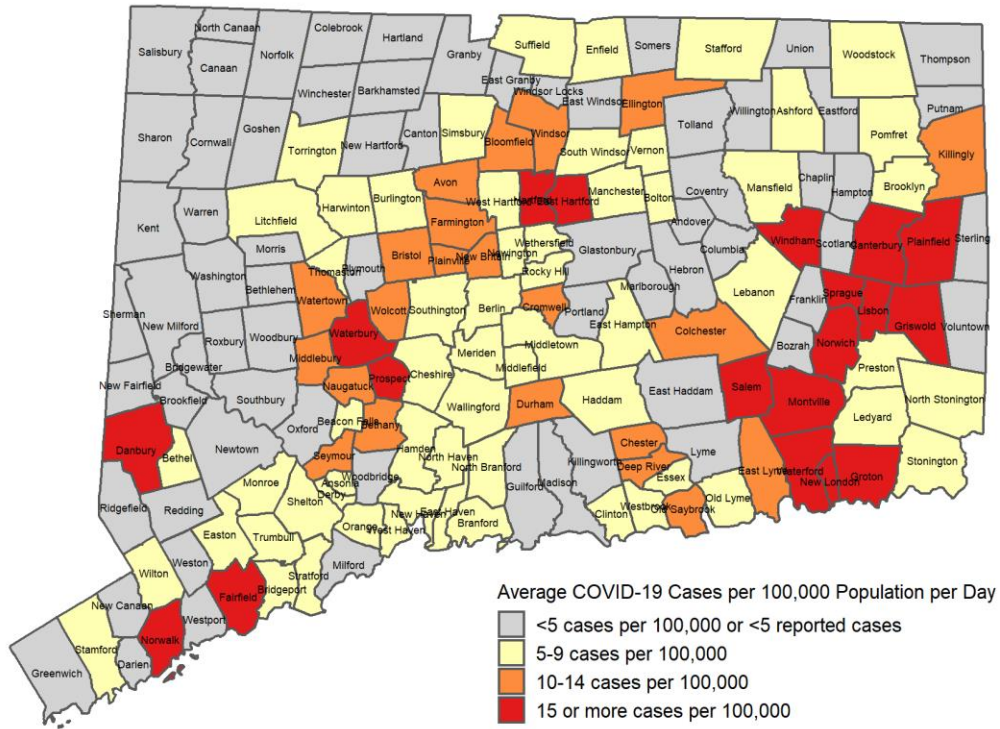


Map does not include 25 cases pending address validation

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 people residing in nursing homes, assisted living facilities, and correctional facilities are excluded.

Among towns with at least 5 new cases among people residing in community settings during October 4–17, nineteen 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 October 04-17



Map does not include 25 cases pending address validation

Population, Number and Average Daily Rate of COVID-19 Cases among People Living in Community Settings by Town with Specimen Collection or Onset Date during October 4–17, 2020

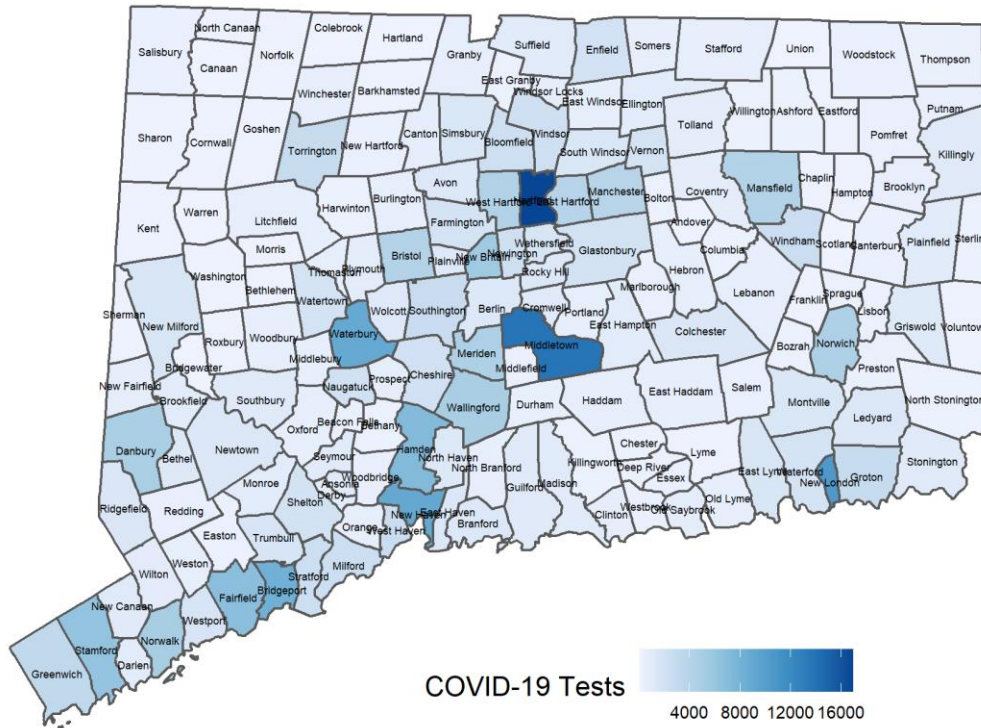
Map does not include 25 cases pending address validation

Town	Pop	Cases	Rate	Town	Pop	Cases	Rate	Town	Pop	Cases	Rate
Andover	3231	4	8.8	Griswold	11591	31	19.1	Prospect	9790	24	17.5
Ansonia	18721	17	6.5	Groton	38692	92	17.0	Putnam	9395	0	0
Ashford	4261	5	8.4	Guilford	22216	12	3.9	Redding	9125	3	2.3
Avon	18302	31	12.1	Haddam	8222	11	9.6	Ridgefield	25008	12	3.4
Barkhamsted	3624	1	2.0	Hamden	60940	65	7.6	Rocky Hill	20145	18	6.4
Beacon Falls	6182	8	9.2	Hampton	1853	2	7.7	Roxbury	2160	1	3.3
Berlin	20432	20	7.0	Hartford	122587	333	19.4	Salem	4123	10	17.3
Bethany	5479	8	10.4	Hartland	2120	0	0.0	Salisbury	3598	0	0
Bethel	19714	19	6.9	Harwinton	5430	5	6.6	Scotland	1685	1	4.2
Bethlehem	3422	3	6.3	Hebron	9482	2	1.5	Seymour	16509	33	14.3
Bloomfield	21301	35	11.7	Kent	2785	1	2.6	Sharon	2703	1	2.6
Bolton	4890	5	7.3	Killingly	17287	29	12.0	Shelton	41097	37	6.4
Bozrah	2537	4	11.3	Killingworth	6370	2	2.2	Sherman	3614	3	5.9
Branford	28005	20	5.1	Lebanon	7207	6	5.9	Simsbury	24979	20	5.7
Bridgeport	144900	174	8.6	Ledyard	14736	18	8.7	Somers	10834	5	3.3
Bridgewater	1641	0	0.0	Lisbon	4248	13	21.9	South Windsor	26054	29	8
Bristol	60032	97	11.5	Litchfield	8127	6	5.3	Southbury	19656	10	3.6
Brookfield	17002	10	4.2	Lyme	2338	2	6.1	Southington	43807	35	5.7
Brooklyn	8280	6	5.2	Madison	18106	5	2.0	Sprague	2889	7	17.3
Burlington	9665	12	8.9	Manchester	57699	68	8.4	Stafford	11884	9	5.4
Canaan	1055	1	6.8	Mansfield	25817	19	5.3	Stamford	129775	152	8.4
Canterbury	5100	16	22.4	Marlborough	6358	4	4.5	Sterling	3780	3	5.7
Canton	10270	5	3.5	Meriden	59540	68	8.2	Stonington	18449	19	7.4
Chaplin	2256	3	9.5	Middlebury	7731	13	12.0	Stratford	51967	38	5.2
Cheshire	29179	28	6.9	Middlefield	4380	6	9.8	Suffield	15743	13	5.9
Chester	4229	8	13.5	Middletown	46146	52	8.0	Thomaston	7560	6	5.7
Clinton	12950	15	8.3	Milford	54661	35	4.6	Thompson	9395	6	4.6
Colchester	15936	32	14.3	Monroe	19470	16	5.9	Tolland	14655	10	4.9
Colebrook	1405	1	5.1	Montville	18716	53	20.2	Torrington	34228	41	8.6
Columbia	5385	1	1.3	Morris	2262	1	3.2	Trumbull	35802	30	6
Cornwall	1368	1	5.2	Naugatuck	31288	45	10.3	Union	840	0	0
Coventry	12414	8	4.6	New Britain	72453	133	13.1	Vernon	29303	37	9
Cromwell	13905	27	13.9	New Canaan	20213	5	1.8	Voluntown	2535	4	11.3
Danbury	84730	179	15.1	New Fairfield	13877	5	2.6	Wallingford	44535	46	7.4
Darien	21753	12	3.9	New Hartford	6685	4	4.3	Warren	1399	0	0
Deep River	4463	7	11.2	New Haven	130418	128	7.0	Washington	3434	0	0
Derby	12515	14	8.0	New London	26939	165	43.7	Waterbury	108093	246	16.3
Durham	7195	12	11.9	New Milford	26974	7	1.9	Waterford	18887	56	21.2
East Granby	5147	3	4.2	Newington	30112	38	9.0	Watertown	21641	37	12.2
East Haddam	8988	5	4.0	Newtown	27774	7	1.8	West Hartford	62939	81	9.2
East Hampton	12854	10	5.6	Norfolk	1640	3	13.1	West Haven	54879	61	7.9
East Hartford	49998	111	15.9	North Branford	14158	10	5.0	Westbrook	6914	8	8.3
East Haven	28699	29	7.2	North Canaan	3254	4	8.8	Weston	10247	2	1.4
East Lyme	18645	35	13.4	North Haven	23691	18	5.4	Westport	28115	17	4.3
East Windsor	11375	6	3.8	North Stonington	5243	6	8.2	Wethersfield	26082	31	8.5
Eastford	1790	0	0.0	Norwalk	89047	235	18.9	Willington	5887	4	4.9
Easton	7517	6	5.7	Norwich	39136	223	40.7	Wilton	18397	14	5.4
Ellington	16299	30	13.1	Old Lyme	7366	6	5.8	Winchester	10655	3	2
Enfield	44466	33	5.3	Old Saybrook	10087	19	13.5	Windham	24706	78	22.6
Essex	6674	6	6.4	Orange	13949	13	6.7	Windsor	28760	45	11.2
Fairfield	61952	170	19.6	Oxford	13226	3	1.6	Windsor Locks	12876	8	4.4
Farmington	25506	37	10.4	Plainfield	15173	35	16.5	Wolcott	16649	24	10.3
Franklin	1933	3	11.1	Plainville	17623	27	10.9	Woodbridge	8805	6	4.9
Glastonbury	34491	23	4.8	Plymouth	11645	5	3.1	Woodbury	9537	5	3.7
Goshen	2879	1	2.5	Pomfret	4204	5	8.5	Woodstock	7862	7	6.4
Granby	11375	4	2.5	Portland	9305	5	3.8				
Greenwich	62727	39	4.4	Preston	4638	6	9.2				

COVID-19 PCR Tests during October 4–17

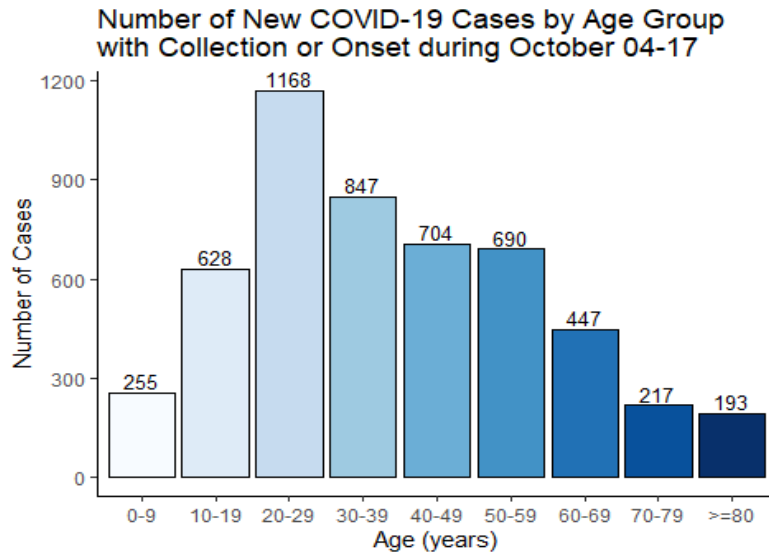
Among 288,677 PCR tests for COVID-19 with specimen collection date during October 4–17, 266,203 (92%) tests were conducted among people who did not reside in congregate settings (including nursing homes, assisted living, and correctional facilities). Of these 266,203 tests, 5,413 (2%) were positive. The map below shows the number of PCR COVID-19 tests by town with specimen collection date during October 4–17 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 October 04-17



Map does not include 5248 tests pending address validation

Age Distribution of COVID-19 Cases with Specimen Collection or Onset During October 4–17, 2020

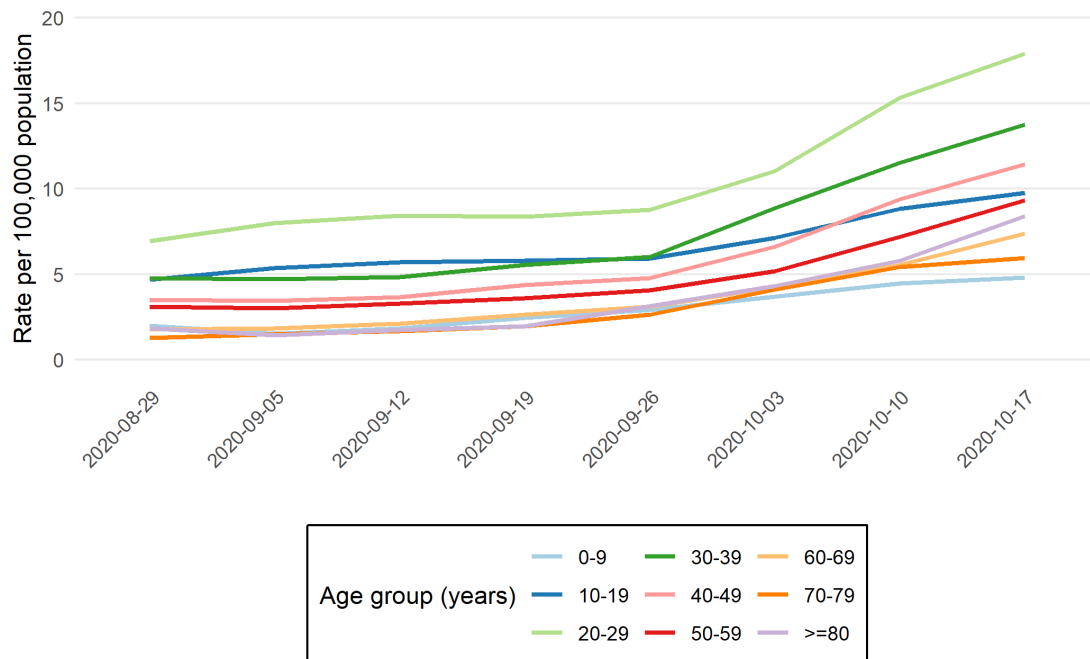


Average Daily Incidence by Age Group

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 rate of COVID-19 cases by age group

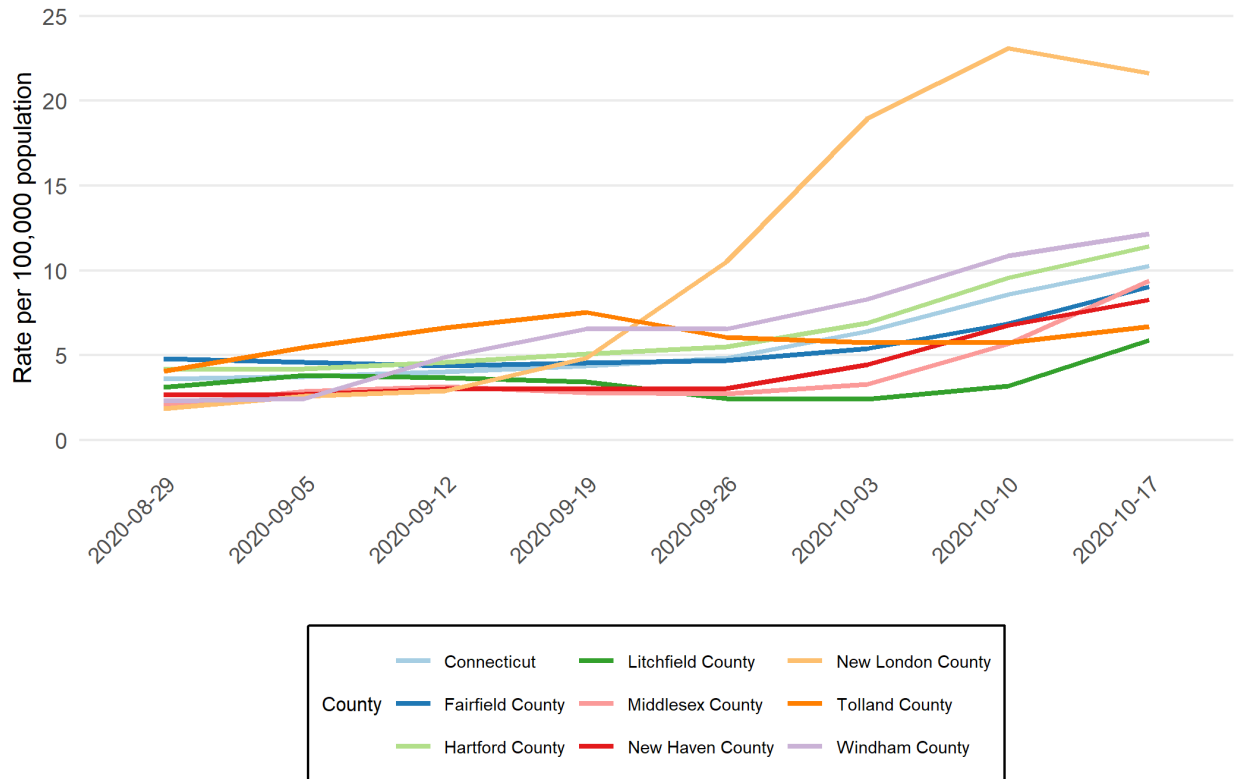
As of 10/21/2020 at 8:30PM



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 10/21/2020 at 8:30PM

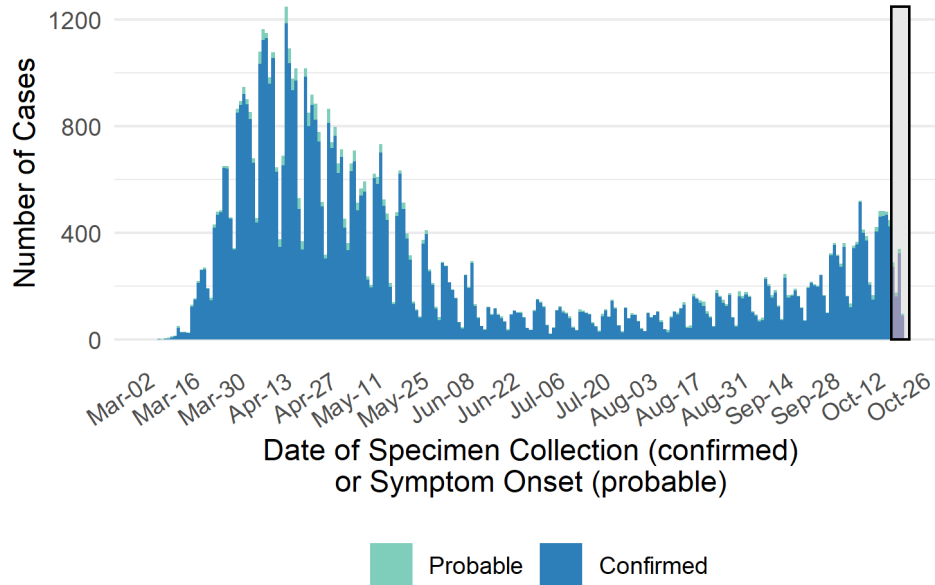


Cumulative Number of COVID-19 Cases and COVID-19-Associated Deaths by Dates

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.

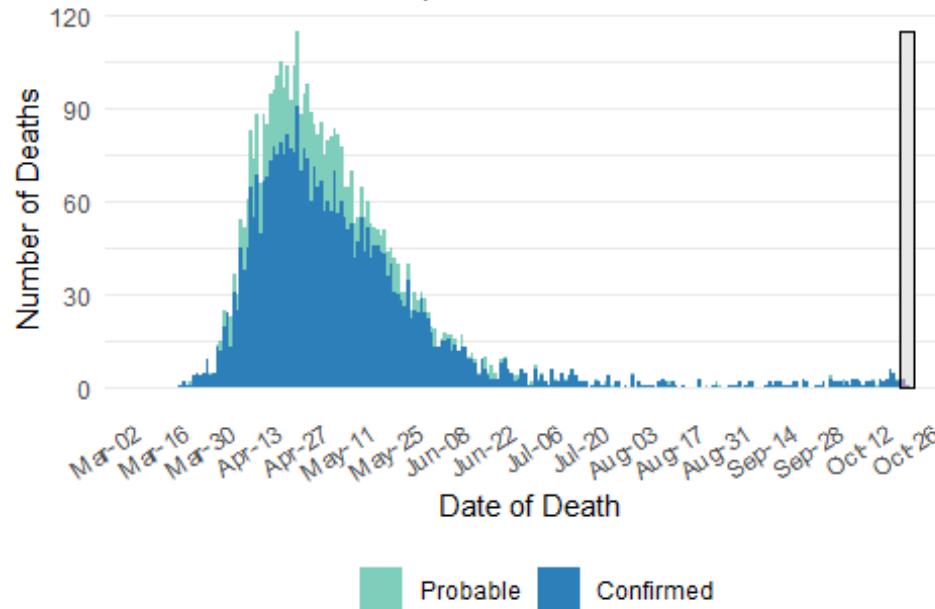
Number of Confirmed and Probable COVID-19 Cases by Date

As of 10/21/2020 at 8:30pm



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

As of 10/21/2020 at 8:30pm

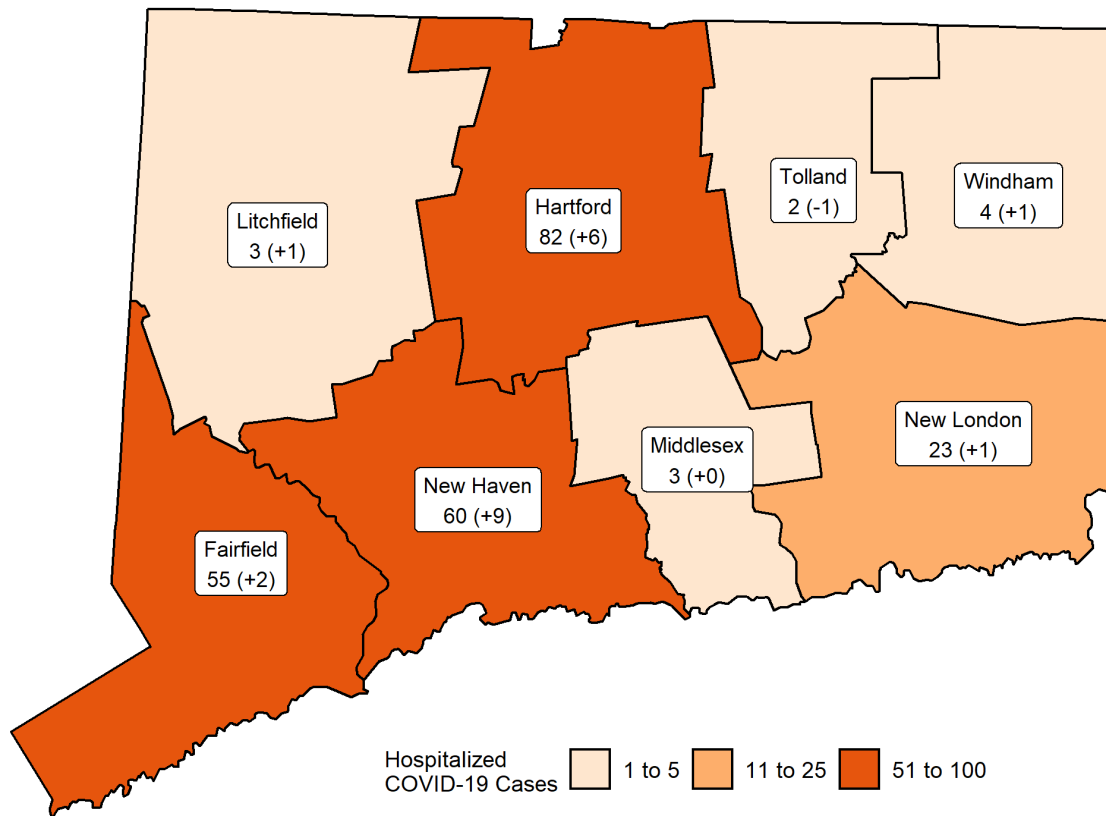


Hospitalization Surveillance

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

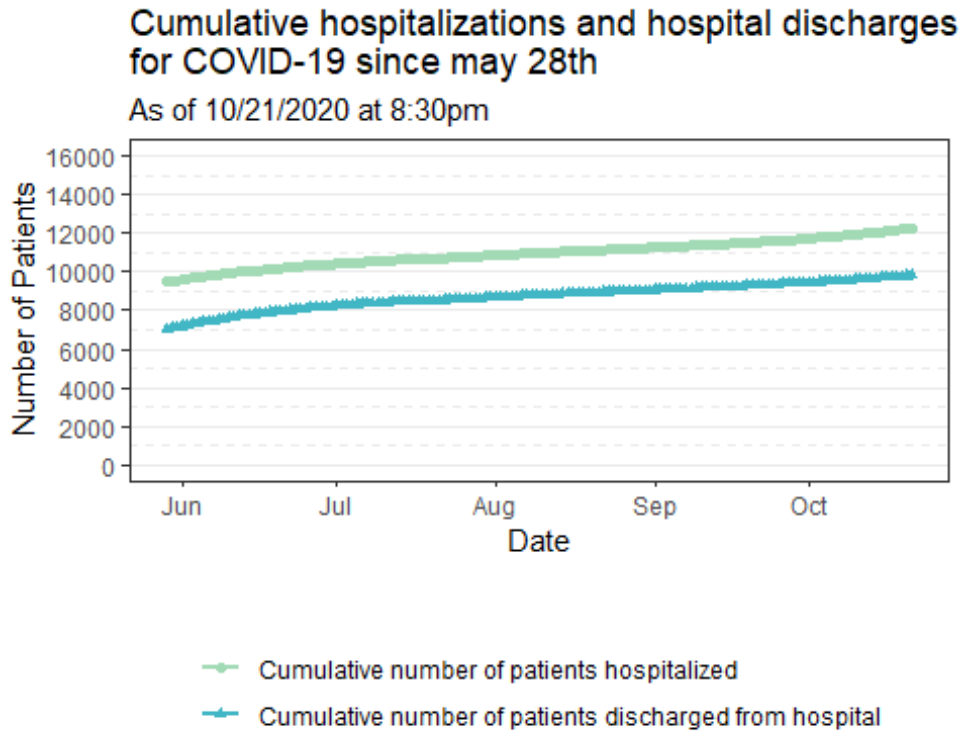
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



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

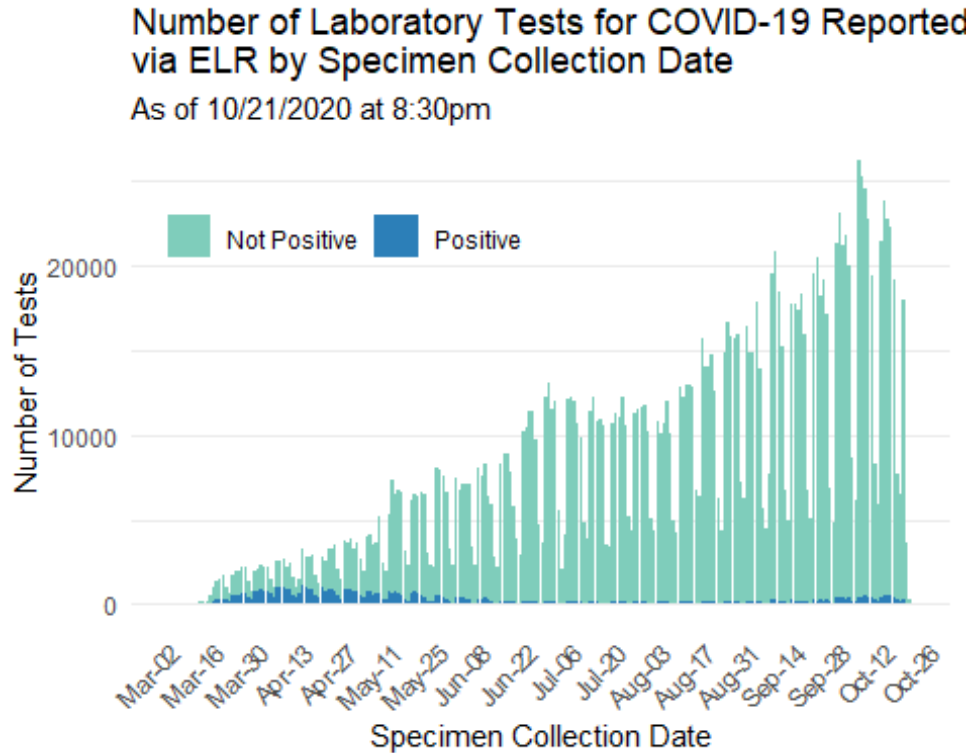
The chart below shows information on cumulative hospitalizations and hospital discharges for patients with laboratory-confirmed COVID-19 since May 29, 2020. Data were collected by the Connecticut Hospital Association. To date, **12257** patients have been hospitalized with laboratory-confirmed COVID-19 in Connecticut and **9800** 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 2089633 COVID-19 laboratory tests; of these 1857970 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.

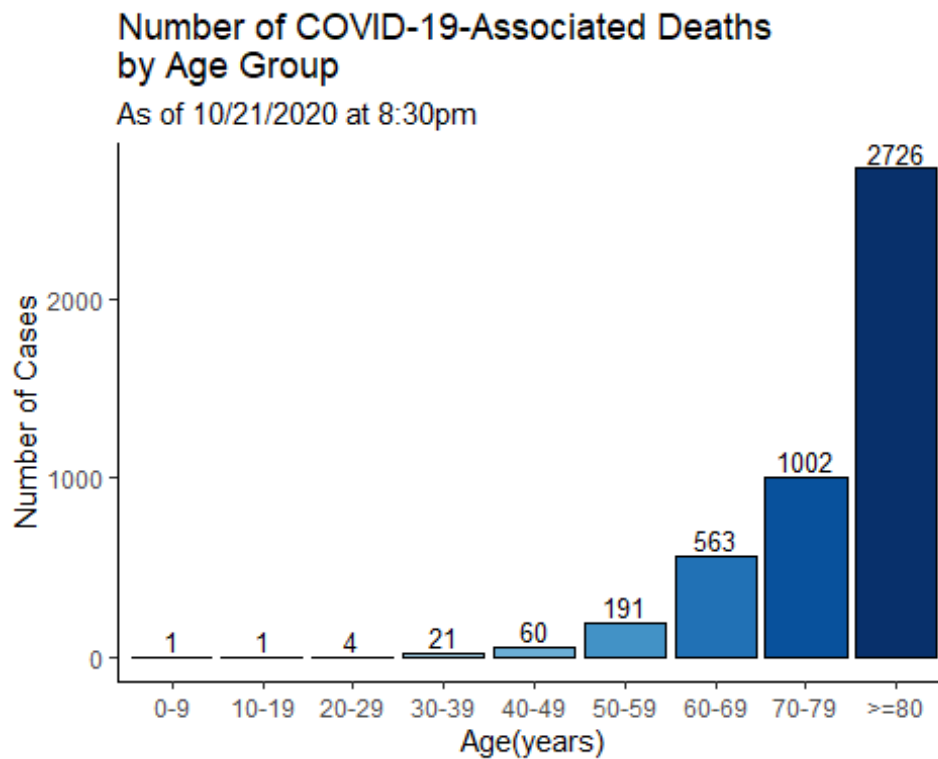
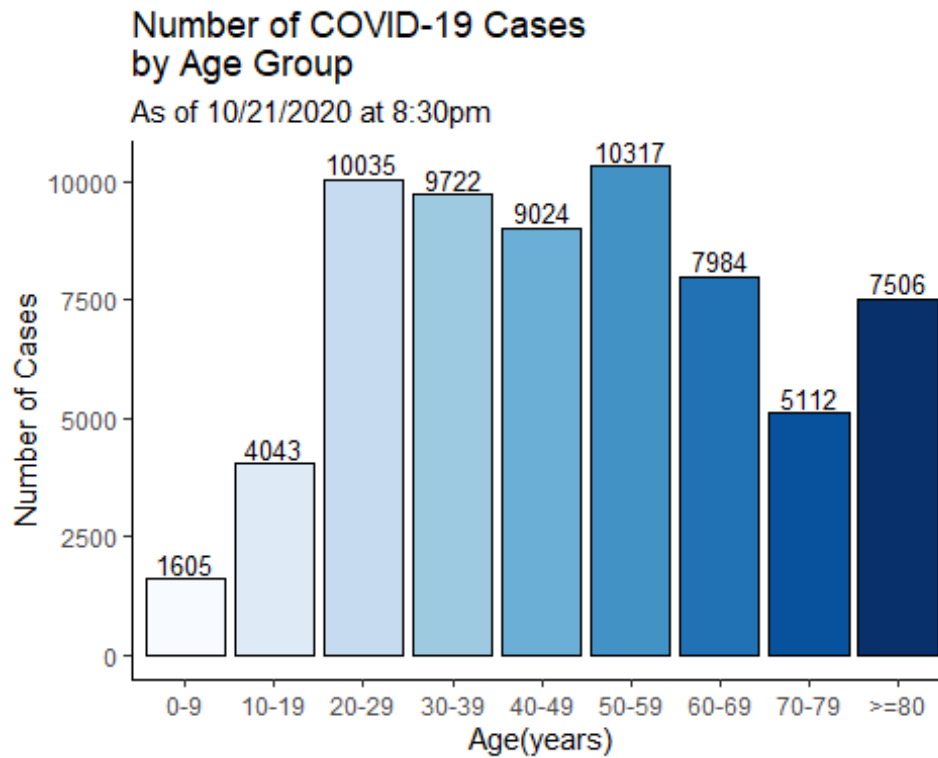


Testing of specimens collected since October 19 is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

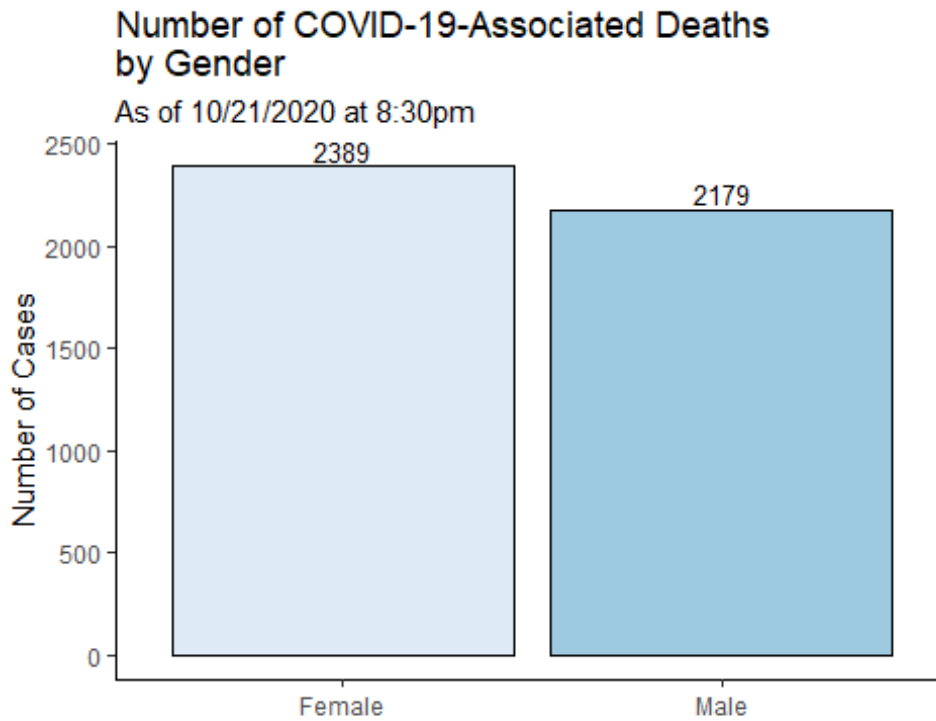
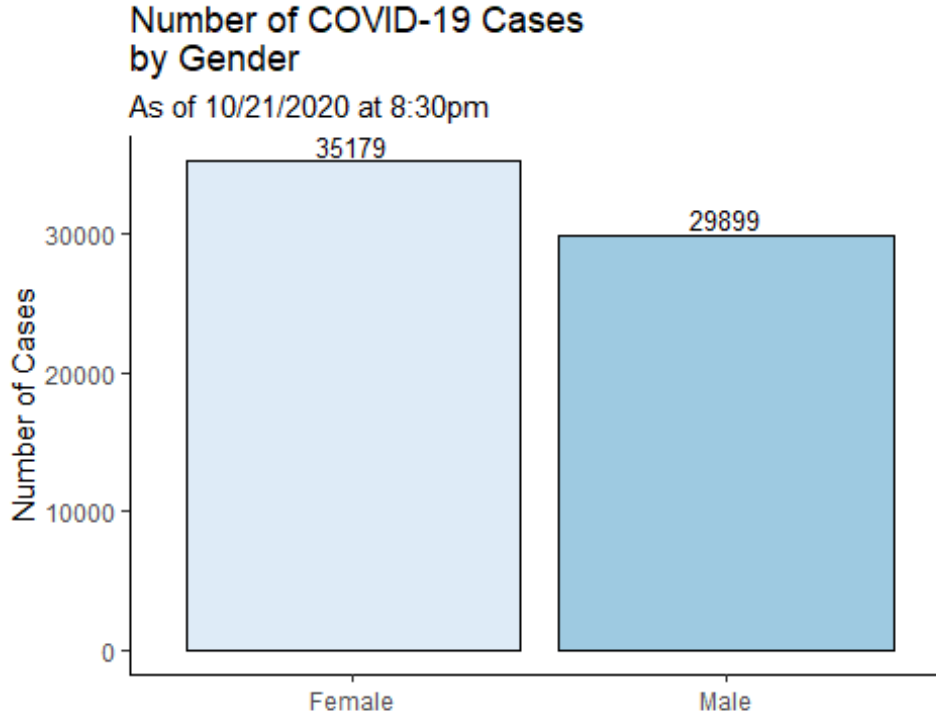
ELR = Electronic Laboratory Reporting

Characteristics of COVID-19 Cases and Associated Deaths

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

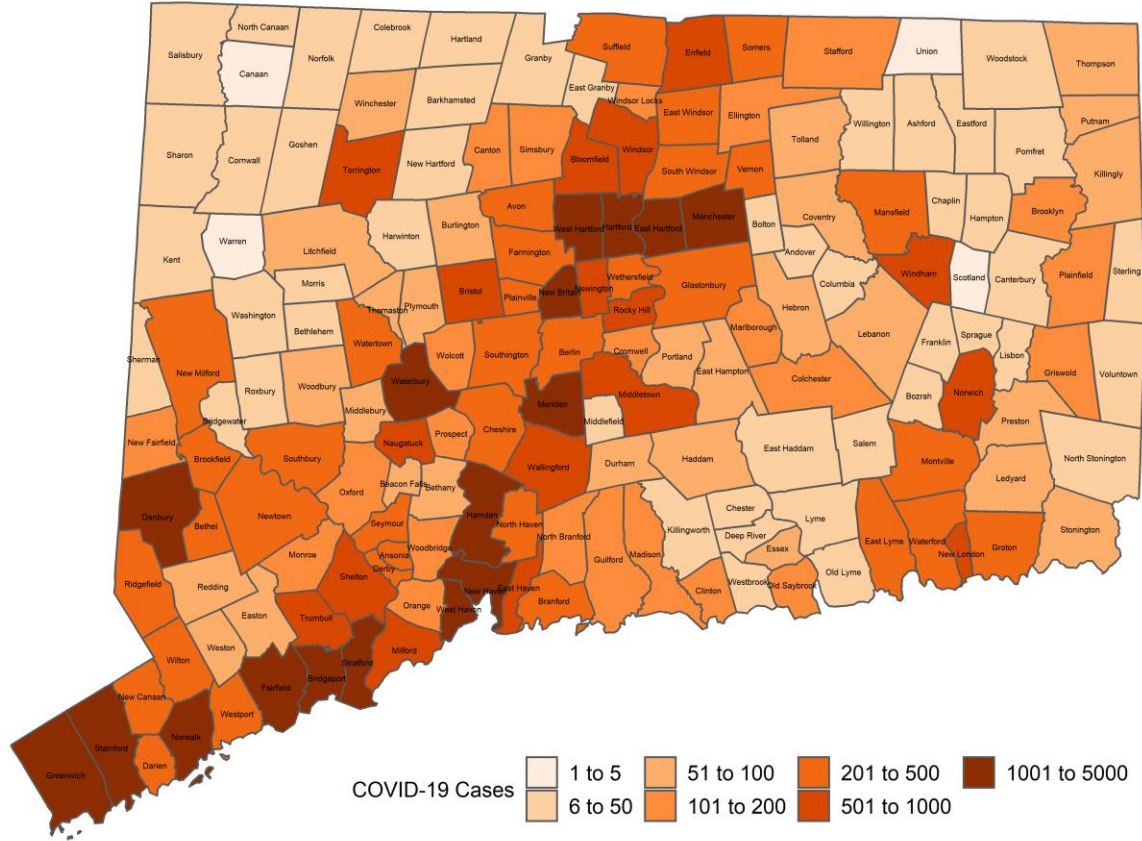


Counts may not add up to total case count because demographic data may be missing.



Cumulative Number of COVID-19 Cases by Town

Map does not include 137 cases pending address validation



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

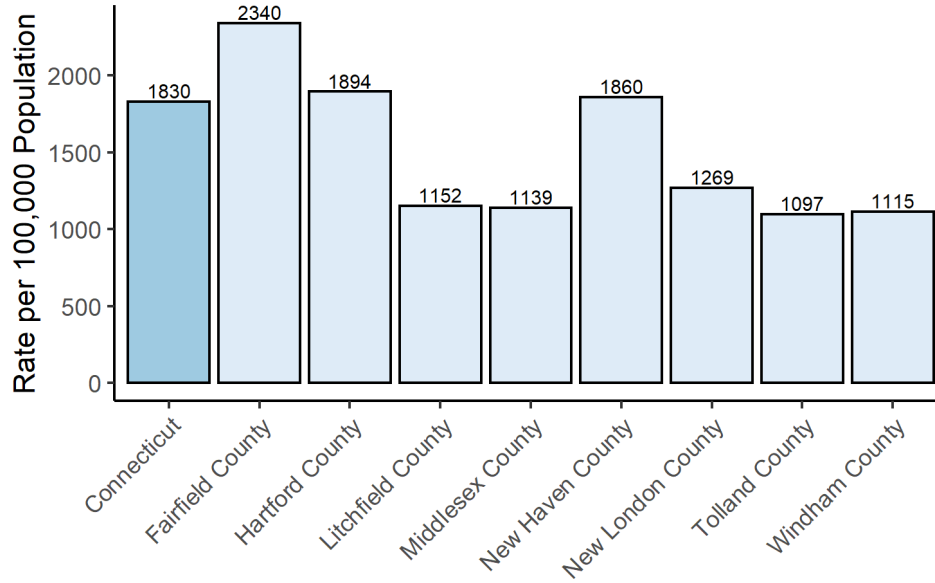
Table does not include 137 cases pending address validation

Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	15	0	Griswold	108	2	Prospect	107	1
Ansonia	348	11	Groton	351	16	Putnam	52	2
Ashford	30	1	Guilford	145	11	Redding	84	7
Avon	257	10	Haddam	61	4	Ridgefield	283	16
Barkhamsted	33	2	Hamden	1185	48	Rocky Hill	488	20
Beacon Falls	73	4	Hampton	10	0	Roxbury	17	3
Berlin	236	13	Hartford	3723	139	Salem	36	0
Bethany	64	1	Hartland	7	0	Salisbury	28	1
Bethel	329	29	Harwinton	41	3	Scotland	1	0
Bethlehem	16	1	Hebron	52	2	Seymour	273	18
Bloomfield	642	32	Kent	18	3	Sharon	17	0
Bolton	37	2	Killingly	92	6	Shelton	745	47
Bozrah	22	0	Killingworth	26	0	Sherman	18	6
Branford	399	16	Lebanon	53	0	Simsbury	171	17
Bridgeport	4440	141	Ledyard	96	1	Somers	307	23
Bridgewater	14	2	Lisbon	28	1	South Windsor	223	18
Bristol	845	21	Litchfield	70	2	Southbury	229	5
Brookfield	226	17	Lyme	10	1	Southington	448	18
Brooklyn	184	2	Madison	177	10	Sprague	21	1
Burlington	62	3	Manchester	951	62	Stafford	124	10
Canaan	1	0	Mansfield	320	43	Stamford	3887	82
Canterbury	44	1	Marlborough	105	5	Sterling	14	1
Canton	108	10	Meriden	1171	43	Stonington	65	6
Chaplin	13	0	Middlebury	71	6	Stratford	985	48
Cheshire	325	8	Middlefield	34	1	Suffield	206	18
Chester	46	1	Middletown	772	29	Thomaston	85	2
Clinton	100	5	Milford	776	28	Thompson	60	1
Colchester	156	6	Monroe	175	6	Tolland	72	10
Colebrook	6	0	Montville	389	8	Torrington	663	26
Columbia	31	0	Morris	16	0	Trumbull	614	56
Cornwall	7	0	Naugatuck	519	20	Union	4	1
Coventry	82	5	New Britain	1762	73	Vernon	344	17
Cromwell	176	16	New Canaan	226	4	Voluntown	23	0
Danbury	3102	160	New Fairfield	150	6	Wallingford	632	14
Darien	275	10	New Hartford	45	0	Warren	5	0
Deep River	26	2	New Haven	3182	85	Washington	30	1
Derby	215	1	New London	556	11	Waterbury	2734	116
Durham	68	7	New Milford	356	24	Waterford	267	9
East Granby	19	0	Newington	506	23	Watertown	226	10
East Haddam	40	0	Newtown	302	19	West Hartford	976	64
East Hampton	79	5	Norfolk	18	1	West Haven	1258	48
East Hartford	1271	61	North Branford	108	8	Westbrook	49	0
East Haven	475	33	North Canaan	31	1	Weston	95	4
East Lyme	230	16	North Haven	332	12	Westport	394	17
East Windsor	225	14	North	25	1	Wethersfield	344	9
Eastford	14	0	Stonington	2543	63	Willington	28	2
Easton	51	3	Norwalk	748	9	Wilton	254	29
Ellington	117	7	Norwich	37	0	Winchester	75	3
Enfield	794	15	Old Lyme	143	4	Windham	578	2
Essex	65	0	Old Saybrook	166	5	Windsor	673	47
Fairfield	1011	74	Orange	97	5	Windsor Locks	162	6
Farmington	312	12	Oxford	123	1	Wolcott	164	10
Franklin	22	0	Plainfield	228	4	Woodbridge	148	12
Glastonbury	374	31	Plainville	88	5	Woodbury	70	3
Goshen	16	1	Plymouth	27	0	Woodstock	46	0
Granby	46	2	Pomfret	87	7			
Greenwich	1006	49	Portland	53	2			
			Preston					

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](#)

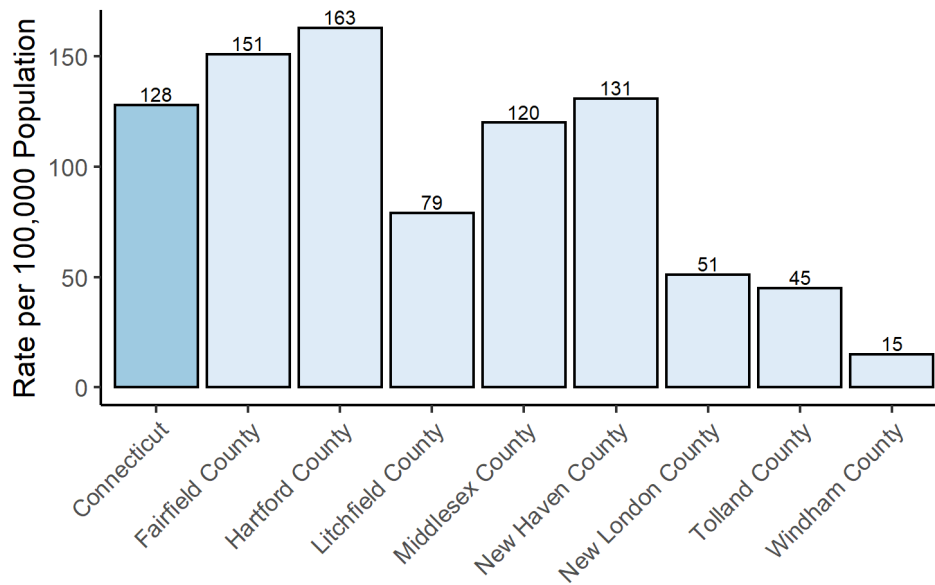
Rate of COVID-19 Cases Statewide and by County

As of 10/21/2020 at 8:30pm



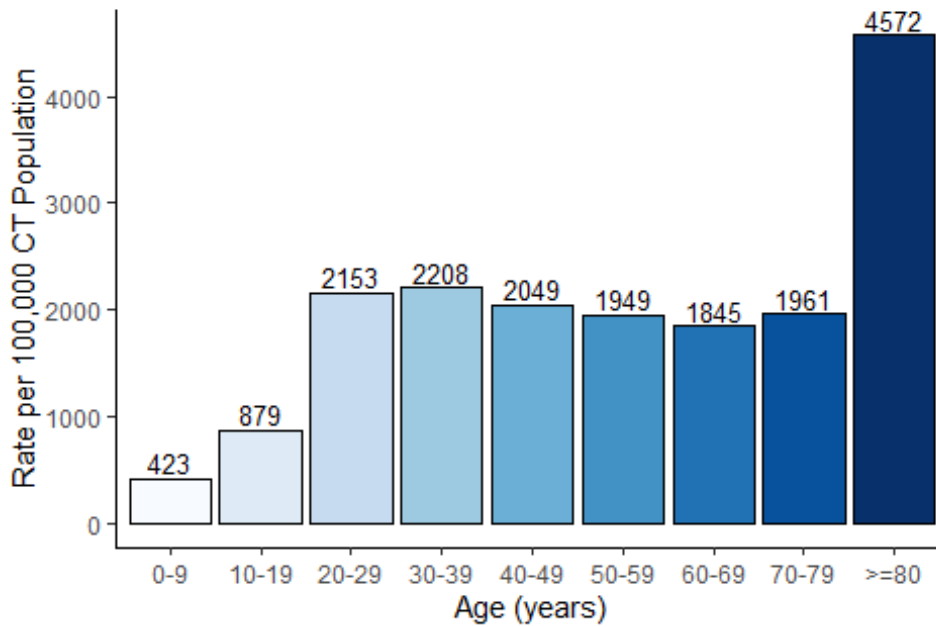
Rate of COVID-19-Associated Deaths Statewide and by County

As of 10/21/2020 at 8:30pm



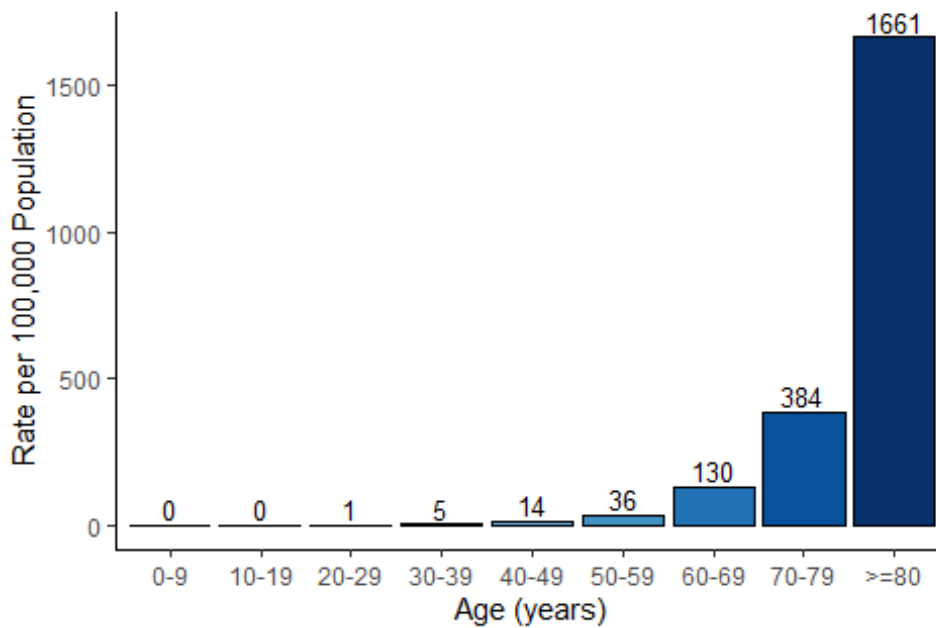
Rate of COVID-19 Cases by Age Group

As of 10/21/2020 at 8:30pm



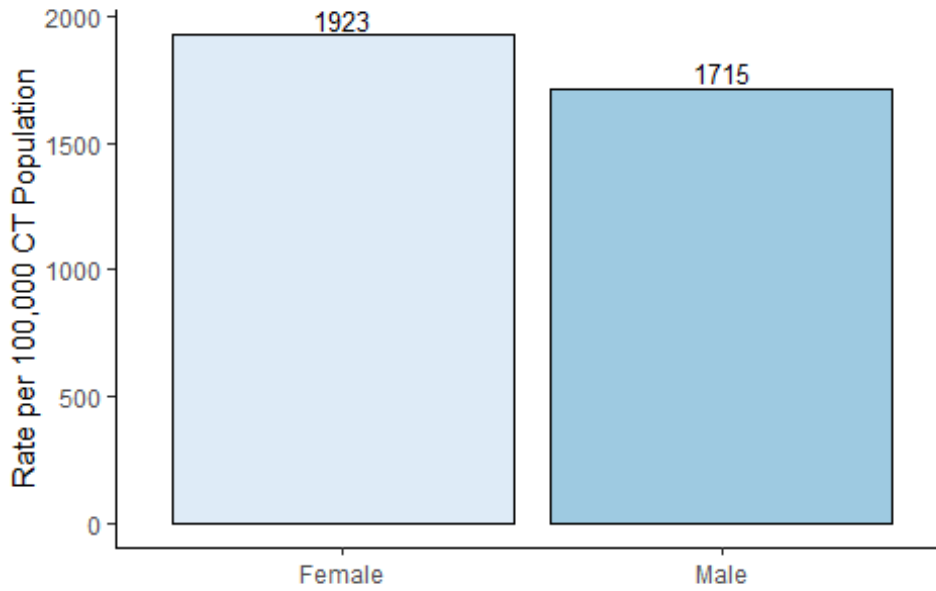
Rate of COVID-19-Associated Deaths by Age Group

As of 10/21/2020 at 8:30pm



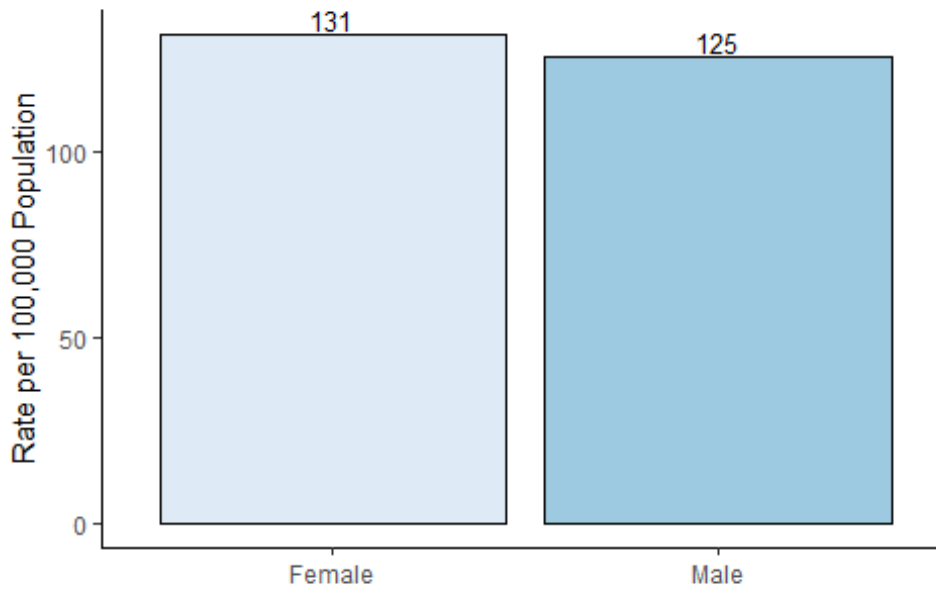
Rate of COVID-19 Cases by Gender

As of 10/21/2020 at 8:30pm

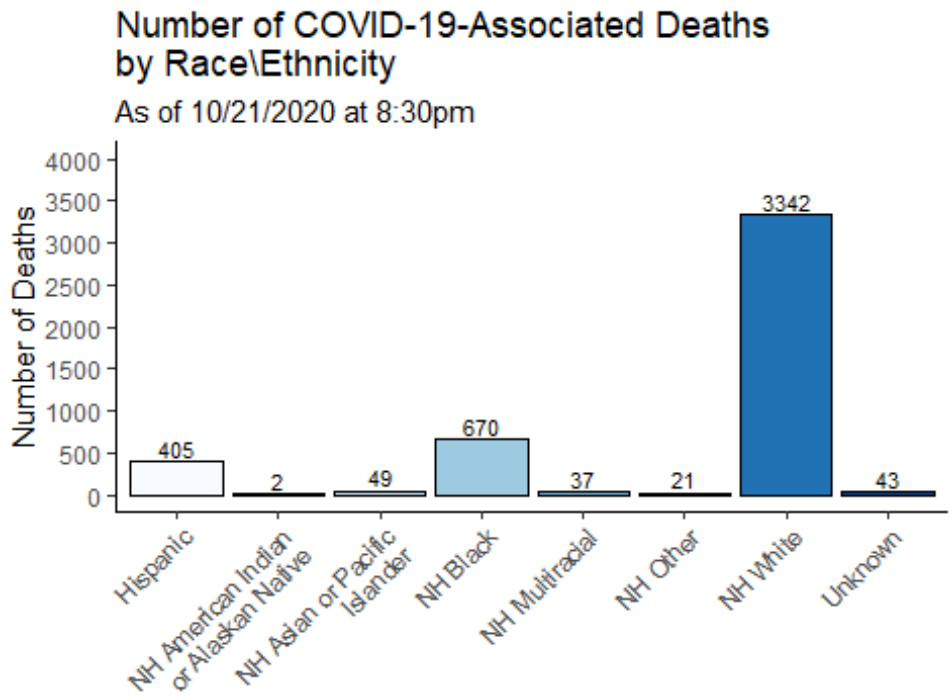
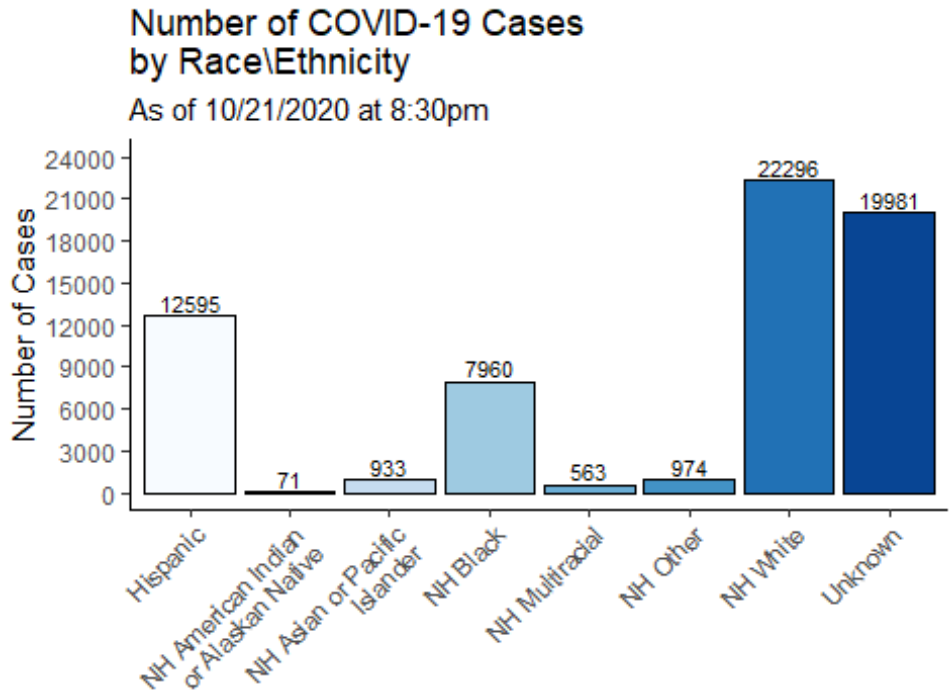


Rate of COVID-19-Associated Deaths by Gender

As of 10/21/2020 at 8:30pm

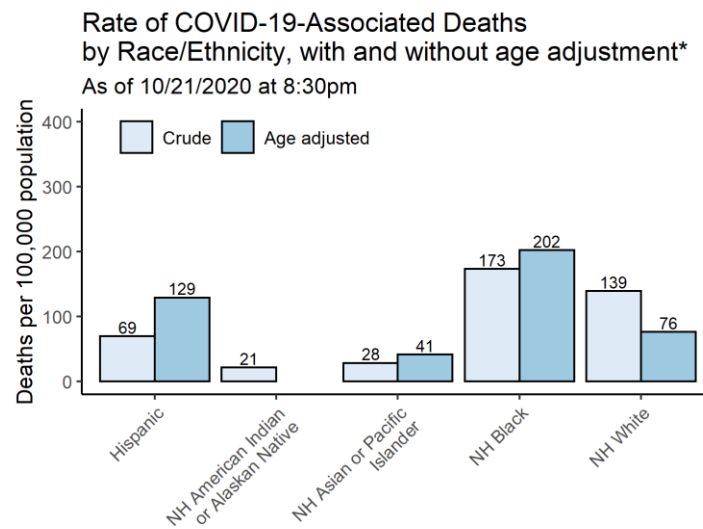
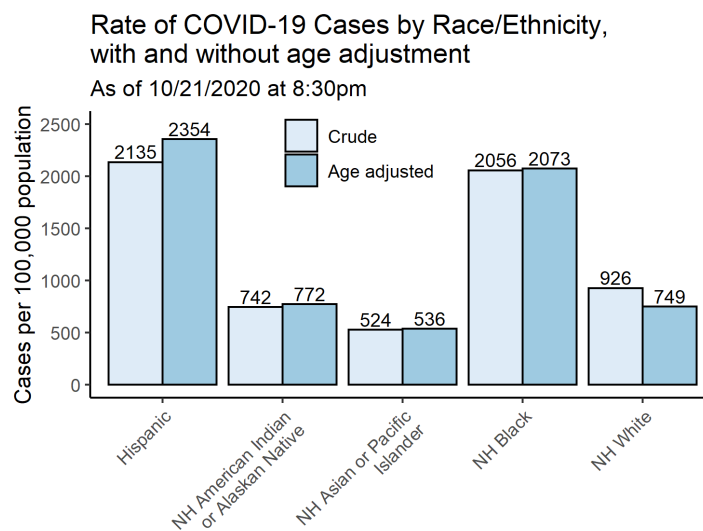


APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. Categories are mutually exclusive. The category “multiracial” includes people who answered ‘yes’ to more than one race category. NH=Non-Hispanic



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