

COVID-19 Update November 05, 2020

As of **November 04, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **77060**, including **72261** laboratory-confirmed and **4799** probable cases. **Three hundred eighty** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **4656** 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 (molecular test) 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 (confirmed and probable)*	77060***	+1157
COVID-19 Tests Reported (molecular and antigen)	2455122***	+31059
Daily Test Positivity**		3.73%
Patients Currently Hospitalized with COVID-19	380	+6
COVID-19-Associated Deaths	4656	+11

*Includes confirmed plus probable cases; probable cases include persons with positive antigen results

**Daily test positivity is the number of new positive molecular and antigen cases divided by the number of new molecular and antigen tests reported in the past 24 hours.

***Totals include 530 cases and 26,321 antigen tests conducted during August-November previously reported to CT DPH but not previously included in COVID-19 case and test counts.

COVID-19 Cases and Associated Deaths by County of Residence

As of 11/04/20 8:30pm.

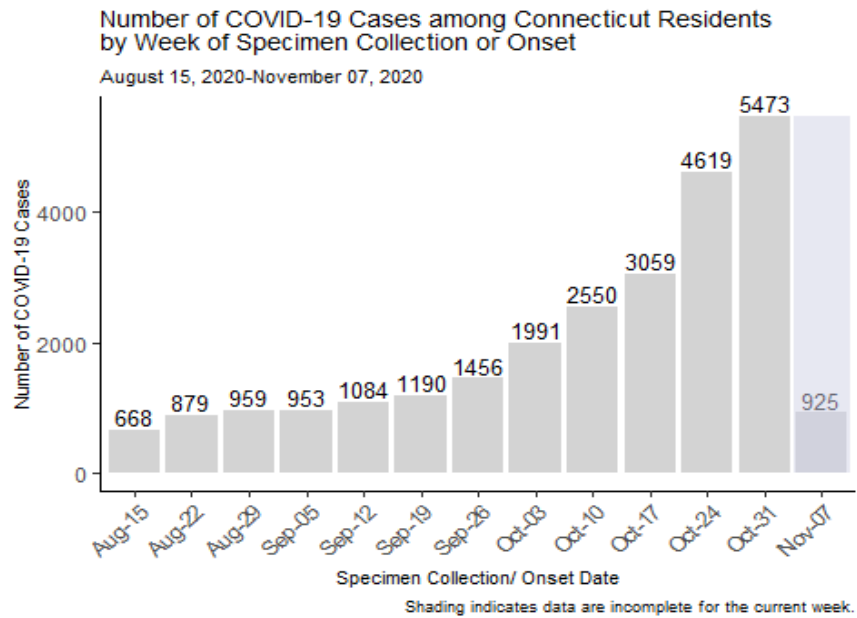
County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	24226	1894	1127	318
Hartford County	18399	1112	1173	325
Litchfield County	2350	181	125	21
Middlesex County	2077	105	159	39
New Haven County	17722	1140	976	159
New London County	4009	132	112	34
Tolland County	1743	179	53	15
Windham County	1558	31	19	1
Pending address validation	177	25	0	0
Total	72261	4799	3744	912

[National COVID-19 statistics](#) and information about [preventing spread of COVID-19](#) are available from the Centers for Disease Control and Prevention.

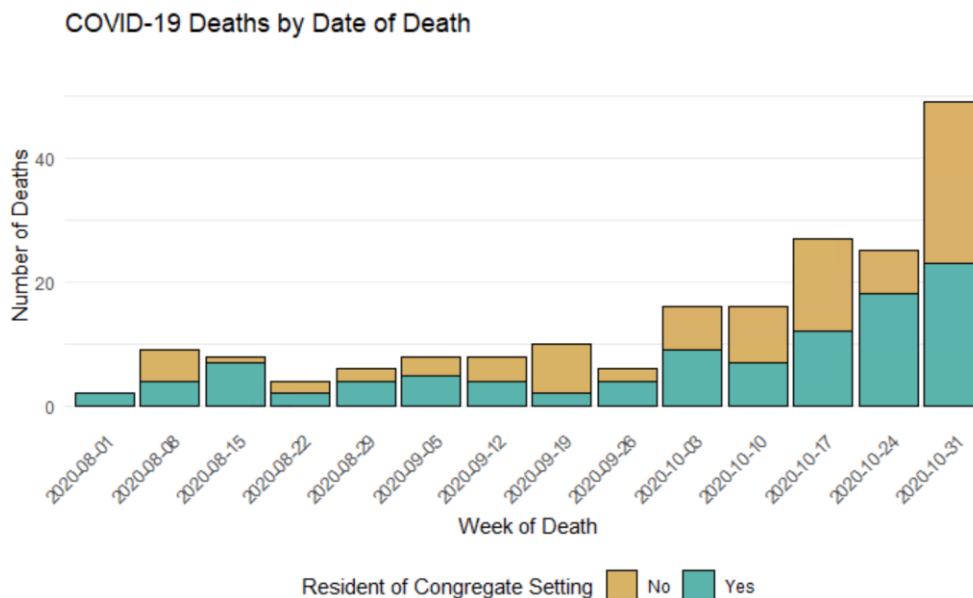
Day-to-day changes reflect newly reported cases, deaths, and tests that occurred over the last several days to week. All data in this report are preliminary; data for previous dates will be updated as new reports are received and data errors are corrected. Hospitalization data were collected by the Connecticut 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 probable and confirmed COVID-19 cases reported to CT DPH by week of specimen collection or onset of illness. Case data now includes probable cases based on positive antigen test results. During the past two weeks (October 18-31), there were 10,092 new COVID-19 cases, including cases among people residing in the community and congregate settings, such as nursing homes, assisted living, and correctional facilities.



The graph below shows the number of COVID-19 associated deaths since August 1st by week of death and whether the person was residing in a congregate setting, such as a nursing home, managed residential community, or correctional facility.

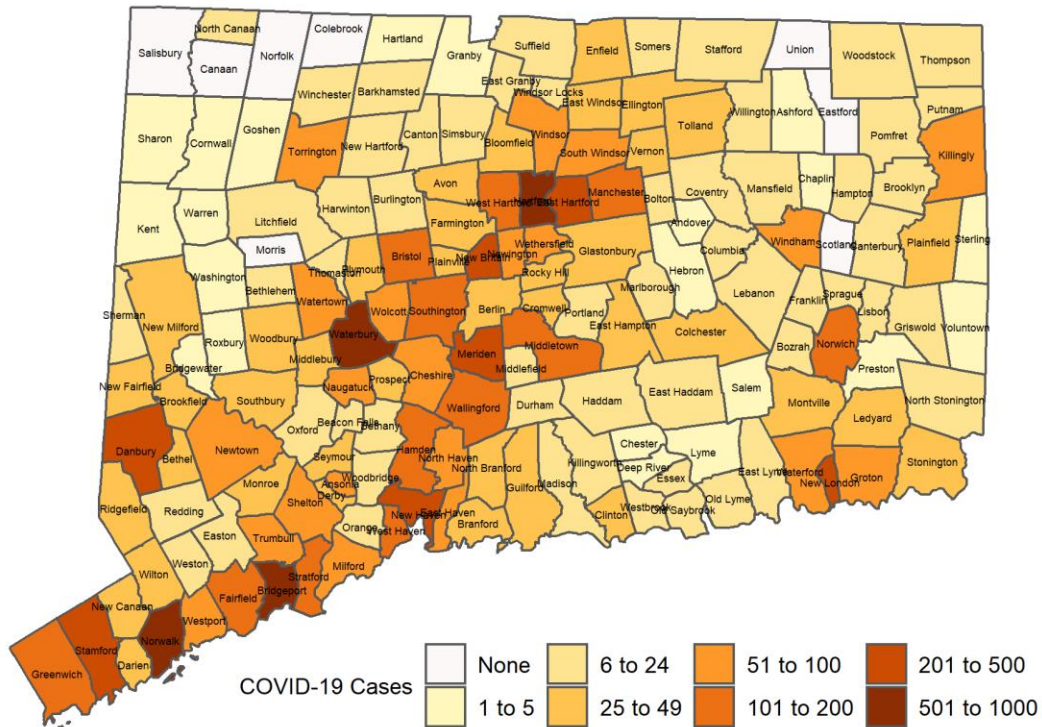


Community Transmission of COVID-19

Among 10,092 new COVID-19 cases with specimen collection or onset date during October 18-31, there were 9881 cases among people living in community settings, as shown in the map below. This corresponds to an average of 19.8 new COVID-19 cases per day 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 23 towns.

Number of COVID-19 Cases among People Living in Community Settings by Town with Specimen Collection or Onset Date During October 18-31

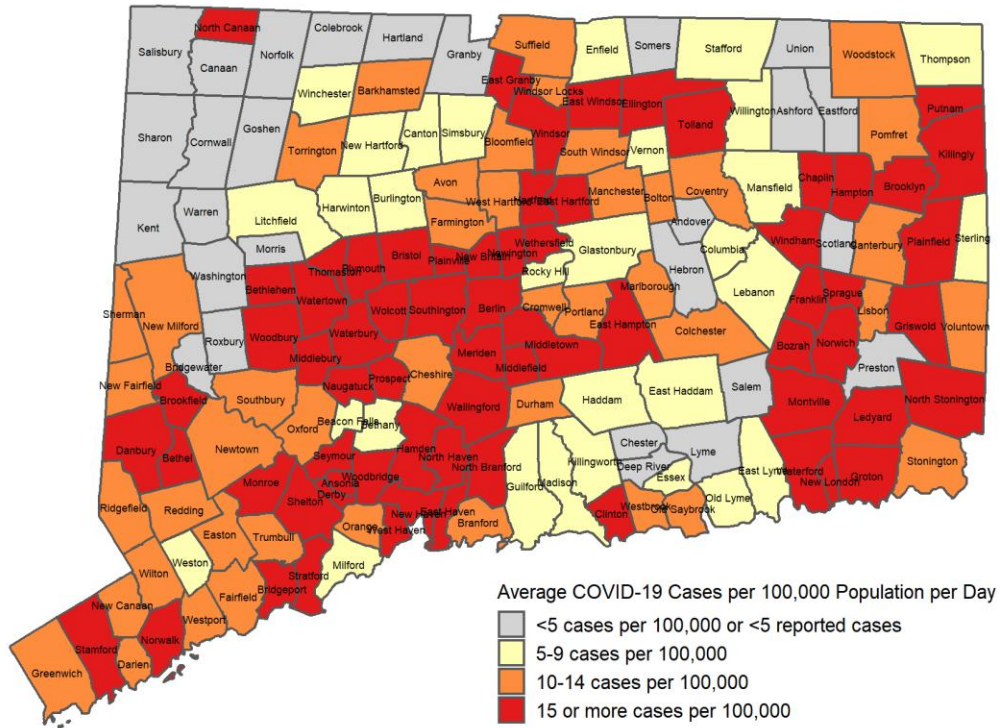


Map does not include 61 cases pending address validation

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 during October 18-31, sixty-eight 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 18-31



Map does not include 61 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 18-31, 2020

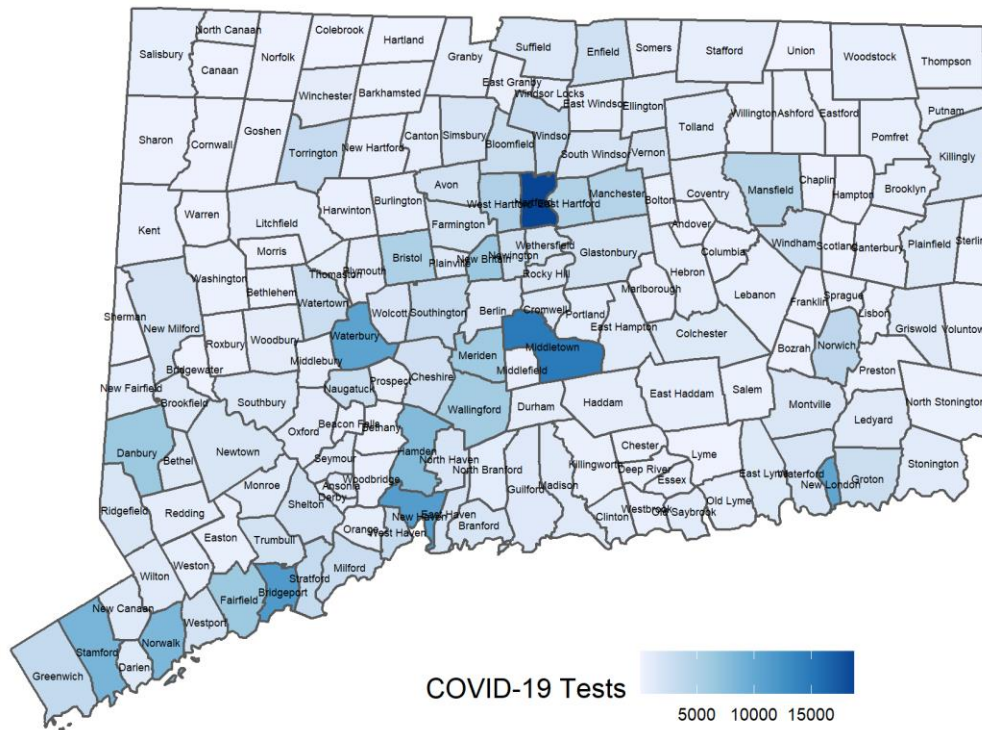
Map does not include 61 cases pending address validation

Town	Population	Cases	Rate	Town	Population	Cases	Rate	Town	Population	Cases	Rate
Andover	3231	1	2.2	Griswold	11591	25	15.4	Prospect	9790	37	27
Ansonia	18721	71	27.1	Groton	38692	99	18.3	Putnam	9395	23	17.5
Ashford	4261	2	3.4	Guilford	22216	27	8.7	Redding	9125	13	10.2
Avon	18302	26	10.1	Haddam	8222	9	7.8	Ridgefield	25008	39	11.1
Barkhamsted	3624	6	11.8	Hamden	60940	136	15.9	Rocky Hill	20145	27	9.6
Beacon Falls	6182	7	8.1	Hampton	1853	6	23.1	Roxbury	2160	2	6.6
Berlin	20432	48	16.8	Hartford	122587	559	32.6	Salem	4123	4	6.9
Bethany	5479	7	9.1	Hartland	2120	1	3.4	Salisbury	3598	0	0
Bethel	19714	46	16.7	Harwinton	5430	6	7.9	Scotland	1685	0	0
Bethlehem	3422	10	20.9	Hebron	9482	5	3.8	Seymour	16509	41	17.7
Bloomfield	21301	41	13.7	Kent	2785	2	5.1	Sharon	2703	1	2.6
Bolton	4890	8	11.7	Killingly	17287	51	21.1	Shelton	41097	89	15.5
Bozrah	2537	6	16.9	Killingworth	6370	8	9.0	Sherman	3614	6	11.9
Branford	28005	50	12.8	Lebanon	7207	8	7.9	Simsbury	24979	22	6.3
Bridgeport	144900	735	36.2	Ledyard	14736	34	16.5	Somers	10834	7	4.6
Bridgewater	1641	1	4.4	Lisbon	4248	6	10.1	South Windsor	26054	51	14
Bristol	60032	143	17.0	Litchfield	8127	6	5.3	Southbury	19656	34	12.4
Brookfield	17002	46	19.3	Lyme	2338	1	3.1	Southington	43807	101	16.5
Brooklyn	8280	21	18.1	Madison	18106	22	8.7	Sprague	2889	12	29.7
Burlington	9665	12	8.9	Manchester	57699	114	14.1	Stafford	11884	11	6.6
Canaan	1055	0	0.0	Mansfield	25817	24	6.6	Stamford	129775	487	26.8
Canterbury	5100	9	12.6	Marlborough	6358	10	11.2	Sterling	3780	5	9.4
Canton	10270	14	9.7	Meriden	59540	238	28.6	Stonington	18449	33	12.8
Chaplin	2256	5	15.8	Middlebury	7731	32	29.6	Stratford	51967	141	19.4
Cheshire	29179	60	14.7	Middlefield	4380	16	26.1	Suffield	15743	22	10
Chester	4229	2	3.4	Middletown	46146	114	17.6	Thomaston	7560	19	18
Clinton	12950	28	15.4	Milford	54661	63	8.2	Thompson	9395	8	6.1
Colchester	15936	29	13.0	Monroe	19470	49	18.0	Tolland	14655	34	16.6
Colebrook	1405	0	0.0	Montville	18716	44	16.8	Torrington	34228	58	12.1
Columbia	5385	7	9.3	Morris	2262	0	0.0	Trumbull	35802	71	14.2
Cornwall	1368	4	20.9	Naugatuck	31288	84	19.2	Union	840	0	0
Coventry	12414	20	11.5	New Britain	72453	276	27.2	Vernon	29303	36	8.8
Cromwell	13905	29	14.9	New Canaan	20213	31	11.0	Voluntown	2535	5	14.1
Danbury	84730	465	39.2	New Fairfield	13877	28	14.4	Wallingford	44535	154	24.7
Darien	21753	36	11.8	New Hartford	6685	9	9.6	Warren	1399	2	10.2
Deep River	4463	2	3.2	New Haven	130418	320	17.5	Washington	3434	2	4.2
Derby	12515	30	17.1	New London	26939	201	53.3	Waterbury	108093	526	34.8
Durham	7195	12	11.9	New Milford	26974	45	11.9	Waterford	18887	59	22.3
East Granby	5147	13	18.0	Newington	30112	67	15.9	Watertown	21641	96	31.7
East Haddam	8988	9	7.2	Newtown	27774	53	13.6	West Hartford	62939	128	14.5
East Hampton	12854	27	15.0	Norfolk	1640	0	0.0	West Haven	54879	117	15.2
East Hartford	49998	205	29.3	North Branford	14158	33	16.6	Westbrook	6914	10	10.3
East Haven	28699	68	16.9	North Canaan	3254	8	17.6	Weston	10247	12	8.4
East Lyme	18645	16	6.1	North Haven	23691	80	24.1	Westport	28115	56	14.2
East Windsor	11375	26	16.3	North Stonington	5243	14	19.1	Wethersfield	26082	57	15.6
Eastford	1790	0	0.0	Norwalk	89047	641	51.4	Willington	5887	7	8.5
Easton	7517	15	14.3	Norwich	39136	123	22.4	Wilton	18397	34	13.2
Ellington	16299	40	17.5	Old Lyme	7366	9	8.7	Winchester	10655	13	8.7
Enfield	44466	39	6.3	Old Saybrook	10087	17	12.0	Windham	24706	96	27.8
Essex	6674	8	8.6	Orange	13949	25	12.8	Windsor	28760	73	18.1
Fairfield	61952	129	14.9	Oxford	13226	19	10.3	Windsor Locks	12876	24	13.3
Farmington	25506	39	10.9	Plainfield	15173	32	15.1	Wolcott	16649	95	40.8
Franklin	1933	8	29.6	Plainville	17623	44	17.8	Woodbridge	8805	19	15.4
Glastonbury	34491	35	7.2	Plymouth	11645	27	16.6	Woodbury	9537	28	21
Goshen	2879	1	2.5	Pomfret	4204	6	10.2	Woodstock	7862	11	10
Granby	11375	4	2.5	Portland	9305	16	12.3				
Greenwich	62727	114	13.0	Preston	4638	4	6.2				

COVID-19 Molecular and Antigen Tests during October 18-31

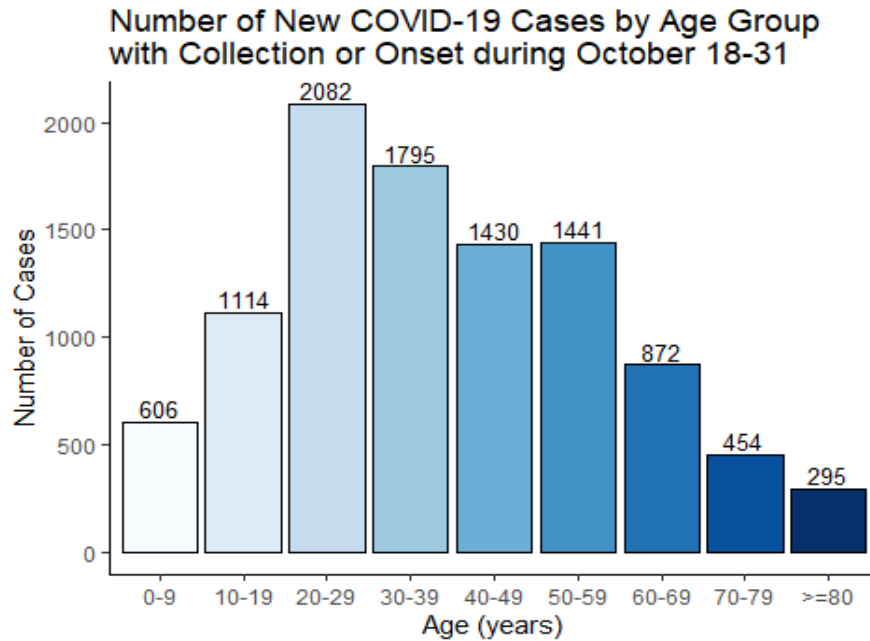
Among 341322 molecular and antigen tests for COVID-19 with specimen collection date during October 18-31, 316997 (93%) tests were conducted among people who did not reside in congregate settings (including nursing homes, assisted living, and correctional facilities). Of these 316997 tests, 11182 (4%) were positive. The map below shows the number of molecular and antigen COVID-19 tests by town with specimen collection date during October 18-31 that were conducted among community residents.

Number of Molecular and Antigen Tests for COVID-19 among People Living in Community Settings by Town with Specimen Collection Date during October 18-31



Map does not include tests pending address validation

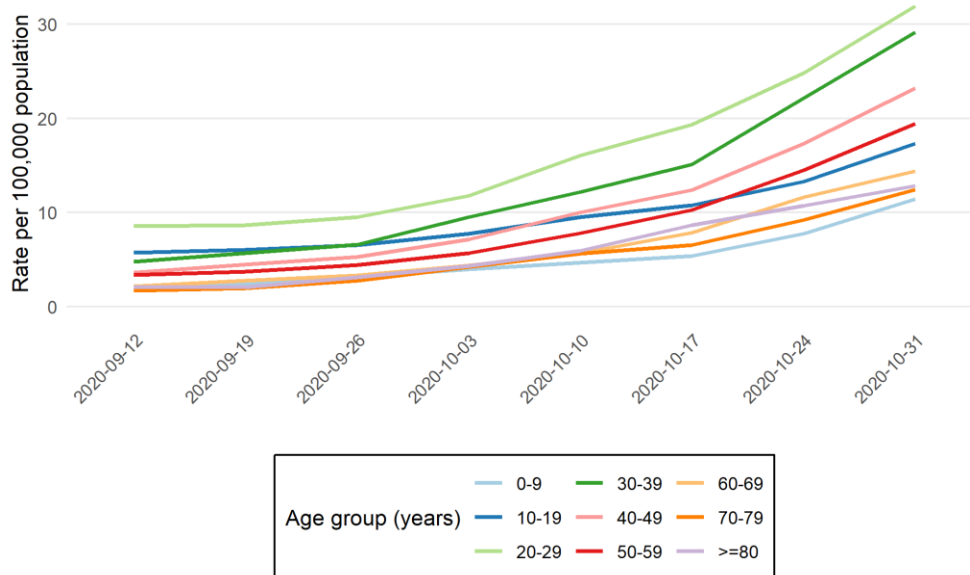
Age Distribution of COVID-19 Cases with Specimen Collection or Onset During October 18-31, 2020



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.

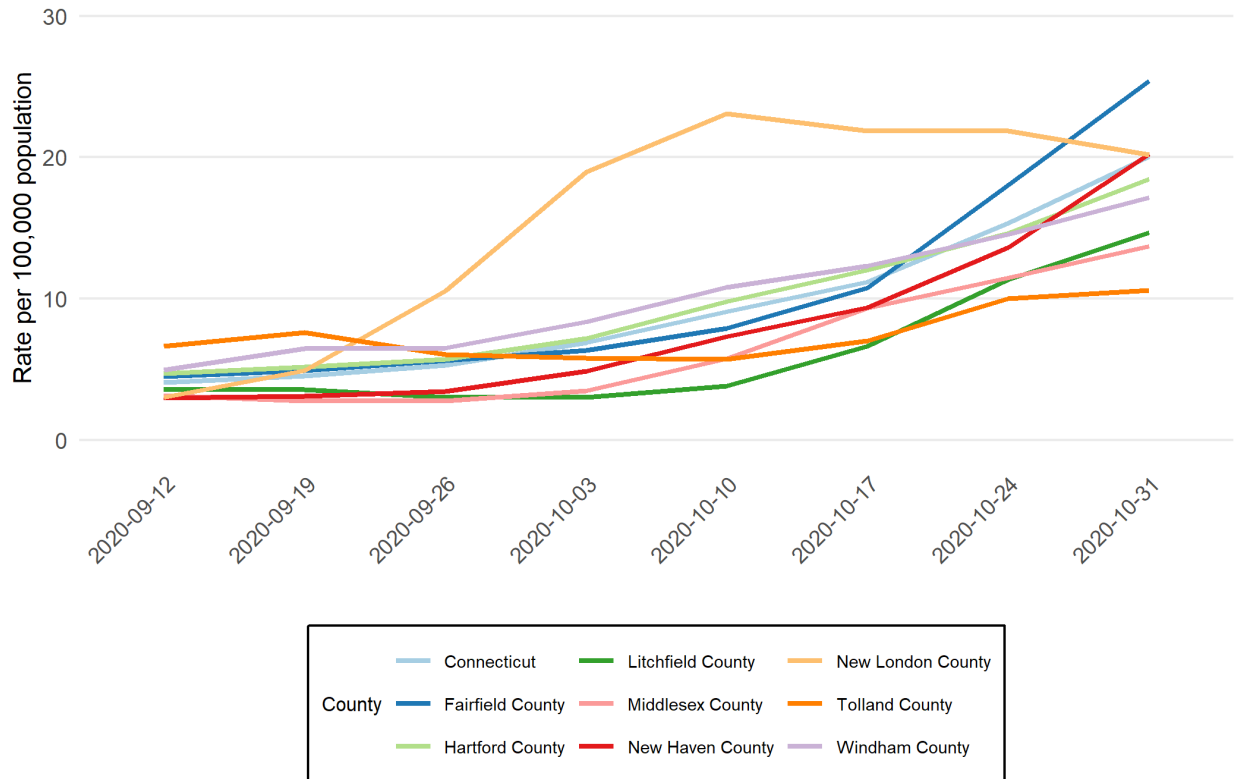
Average daily rate of COVID-19 cases by age group
As of 11/04/2020 at 8:30PM



Average Daily Incidence by County

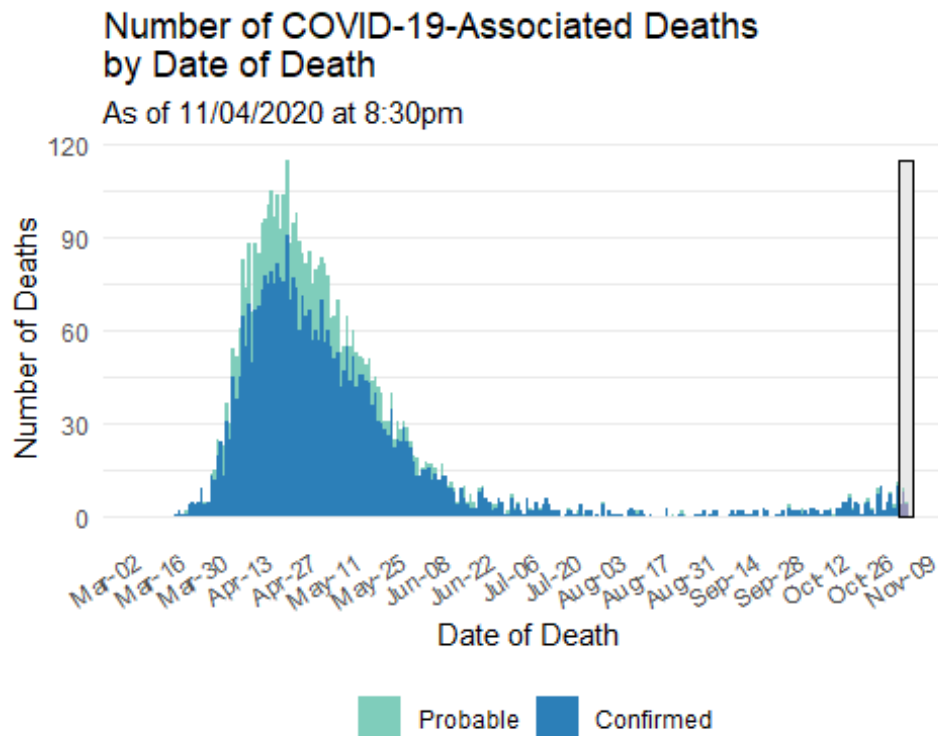
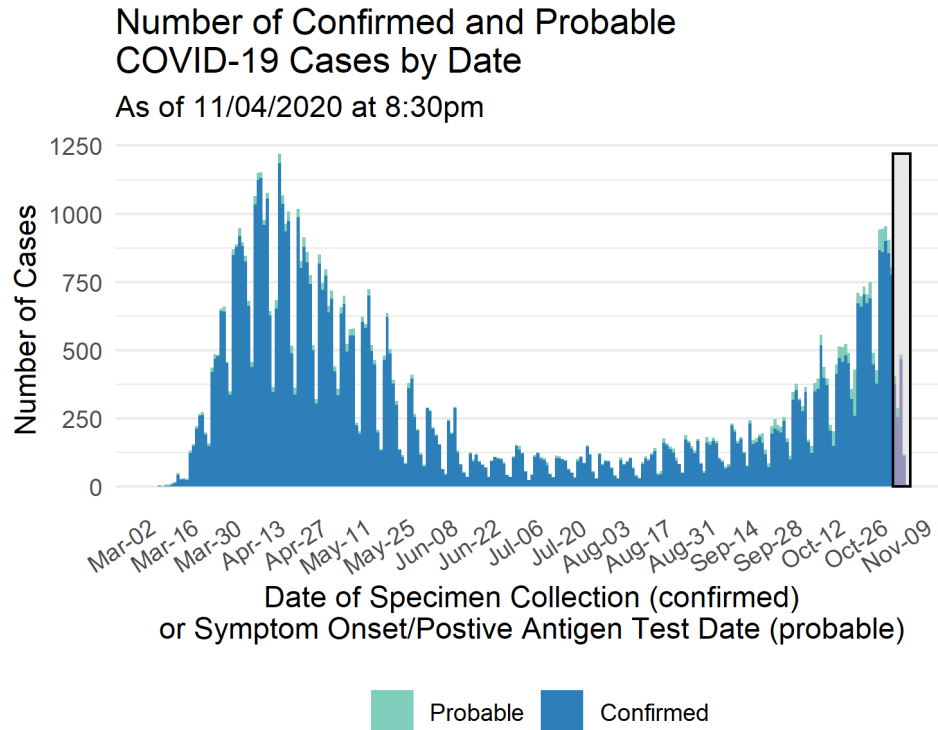
The chart below shows the average number of new COVID-19 cases per day per 100,000 population in the state of Connecticut and for each Connecticut county. The rates in this chart are calculated by averaging the number of new cases diagnosed each day during the previous two weeks, dividing by the annual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

Average daily rates of COVID-19 cases by county
As of 11/04/2020 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.

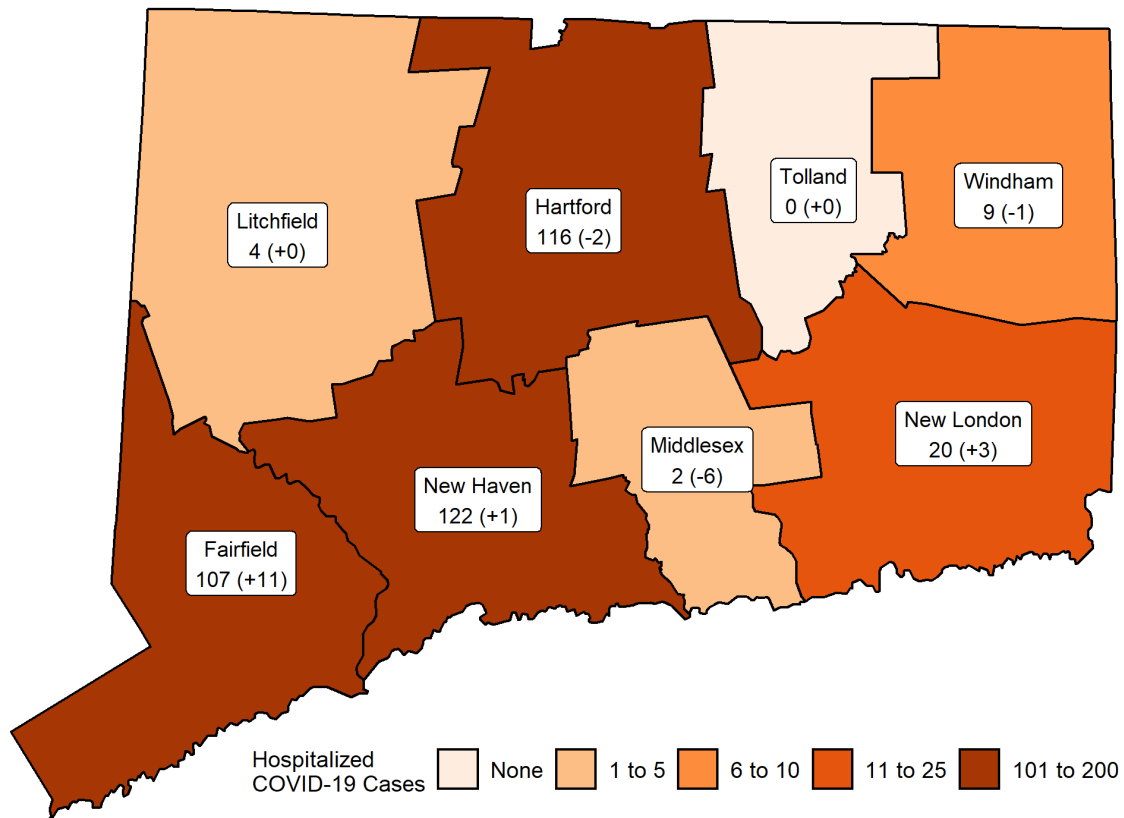


Hospitalization Surveillance

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

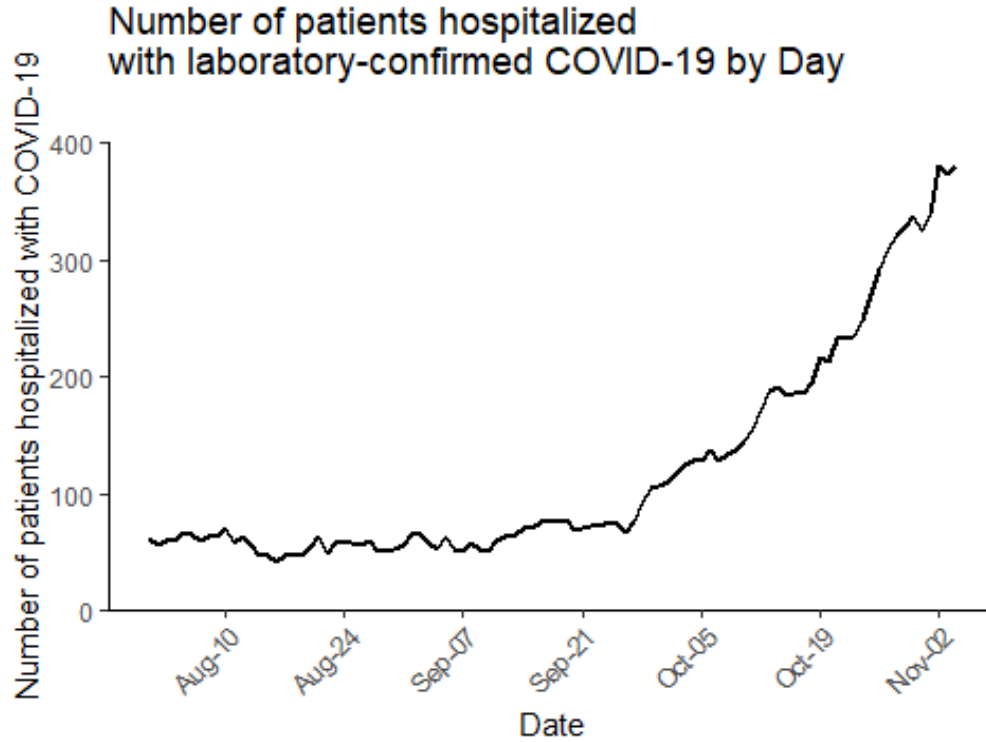
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



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

COVID-19 Hospital Census in Connecticut

The chart below shows the COVID-19 hospital census, which is the number of patients currently hospitalized with laboratory-confirmed COVID-19 on each day. Data were collected by the Connecticut Hospital Association and are shown since August 1, 2020.



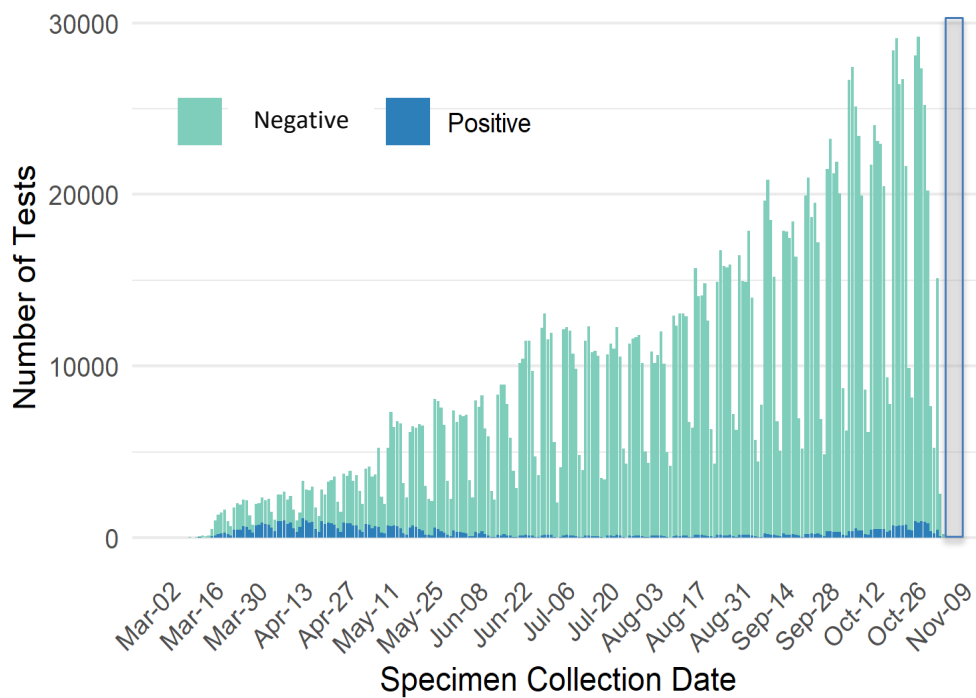
Laboratory Surveillance

Molecular Tests

To date, DPH has received reports on a total of 2428610 COVID-19 molecular laboratory tests; of these 2159147 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 molecular tests reported via ELR by date of specimen collection and test result.

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 Molecular Tests for COVID-19 Reported via ELR by Date of Specimen Collection and Result



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

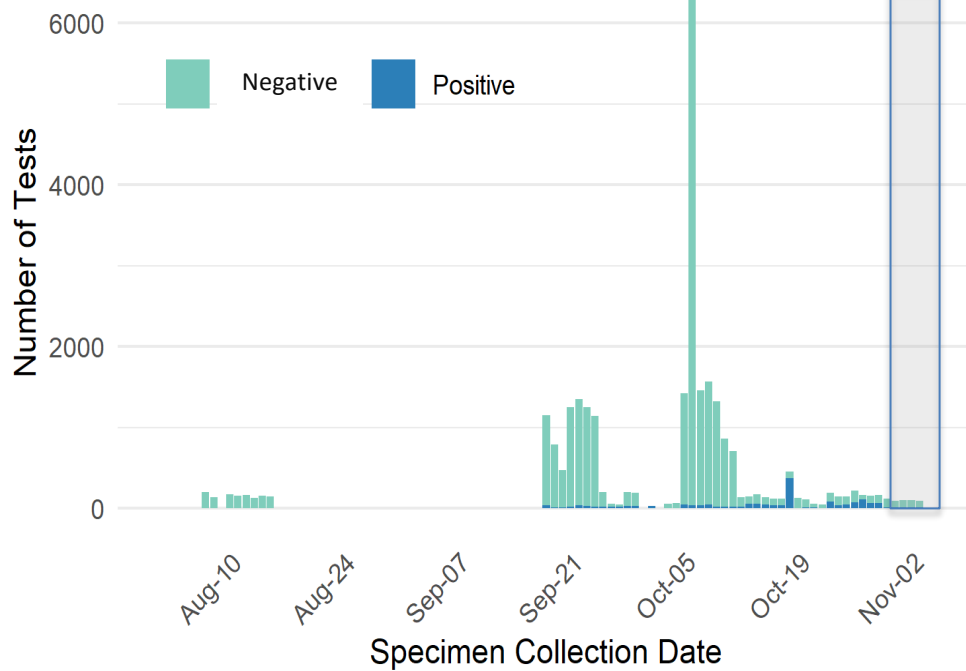
ELR = Electronic Laboratory Reporting

Antigen Tests

To date, DPH has received reports on a total of 26512 COVID-19 antigen laboratory tests. The chart below shows the number of antigen tests reported to DPH by date of specimen collection and test result.

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.

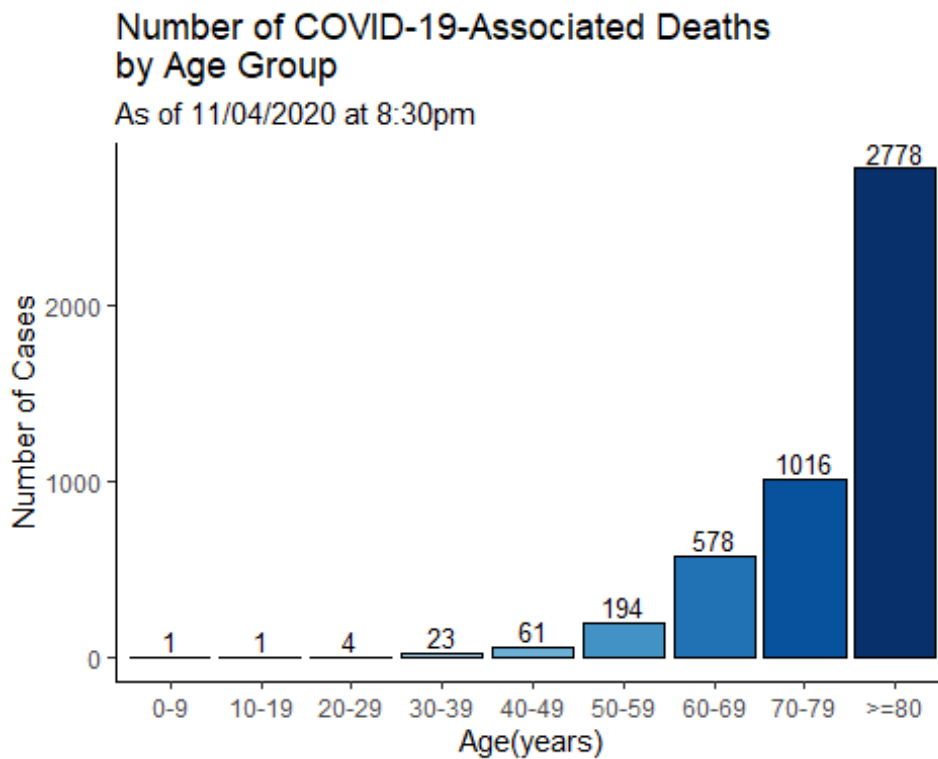
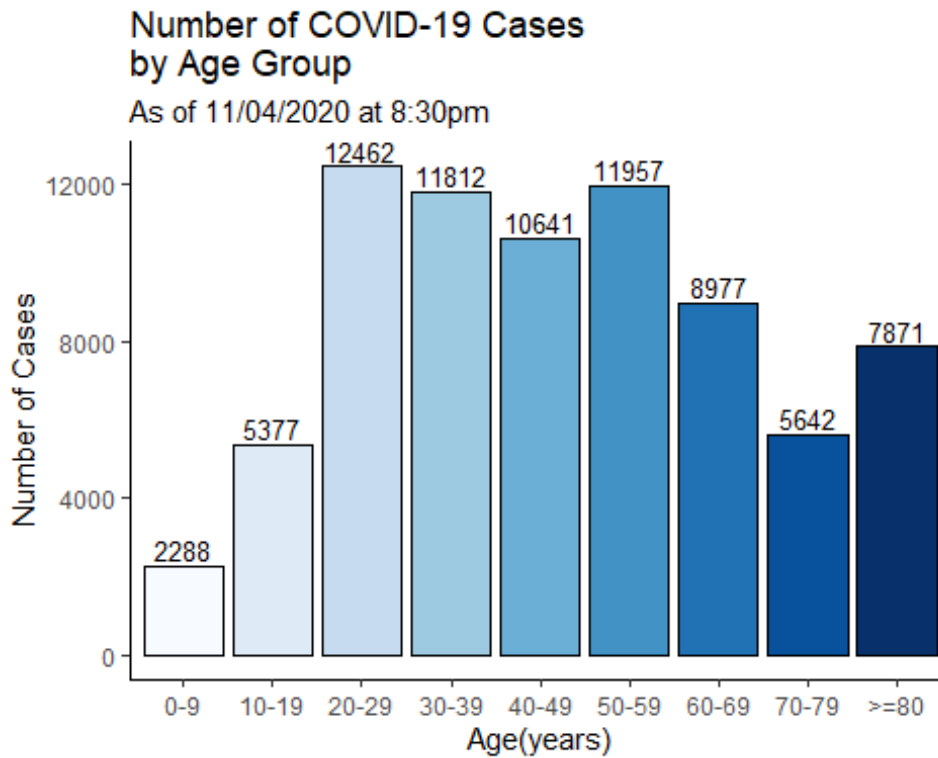
Number of Antigen Tests for COVID-19 by Date of Specimen Collection and Result



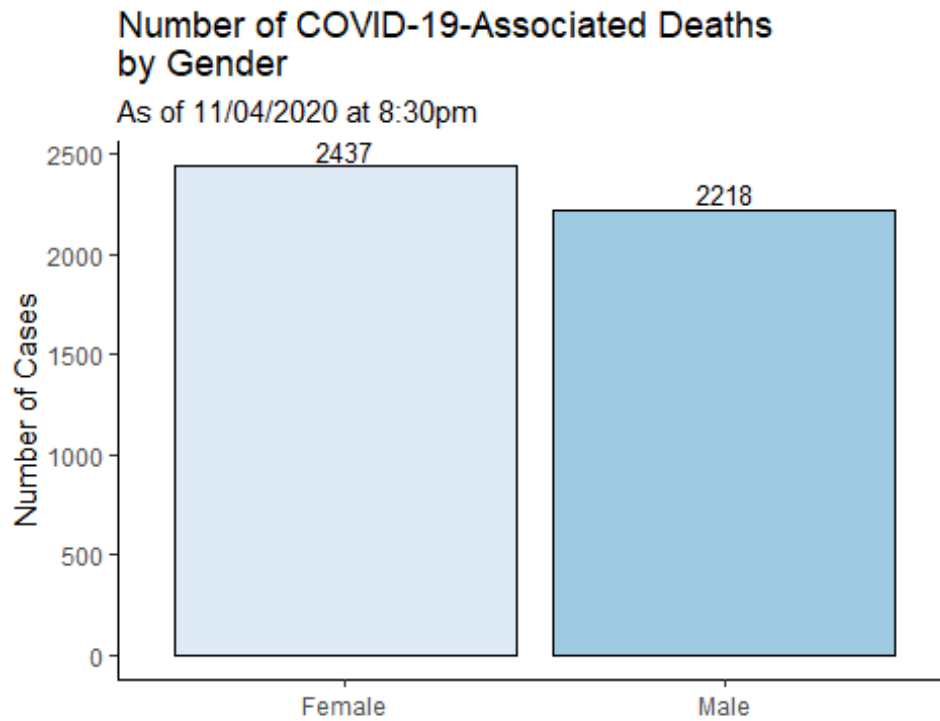
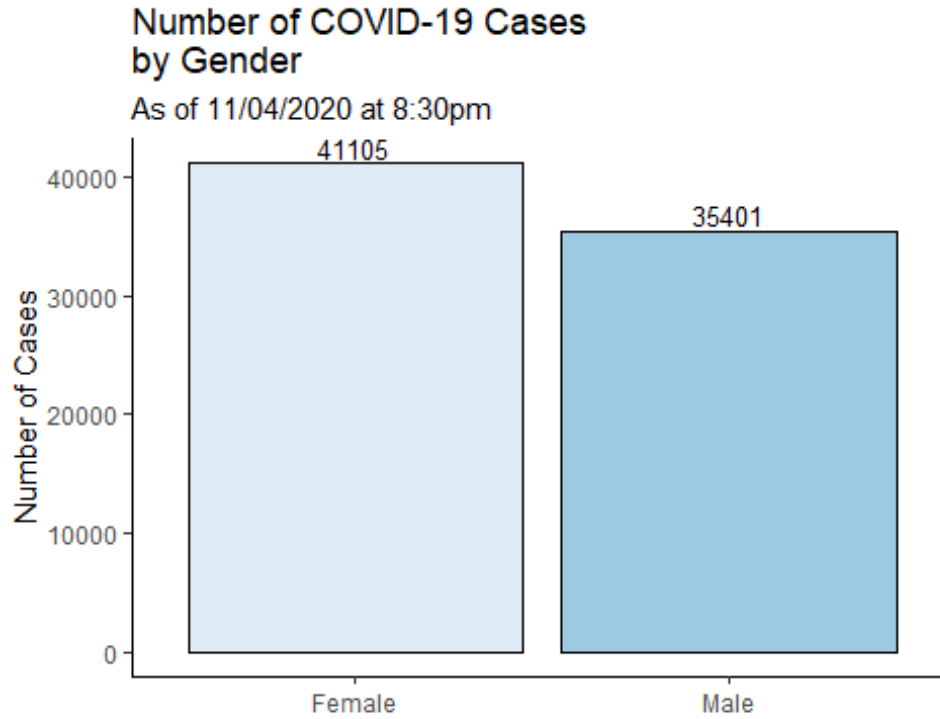
Testing of recently collected specimen is ongoing and does not reflect a decrease in testing.

Characteristics of COVID-19 Cases and Associated Deaths

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

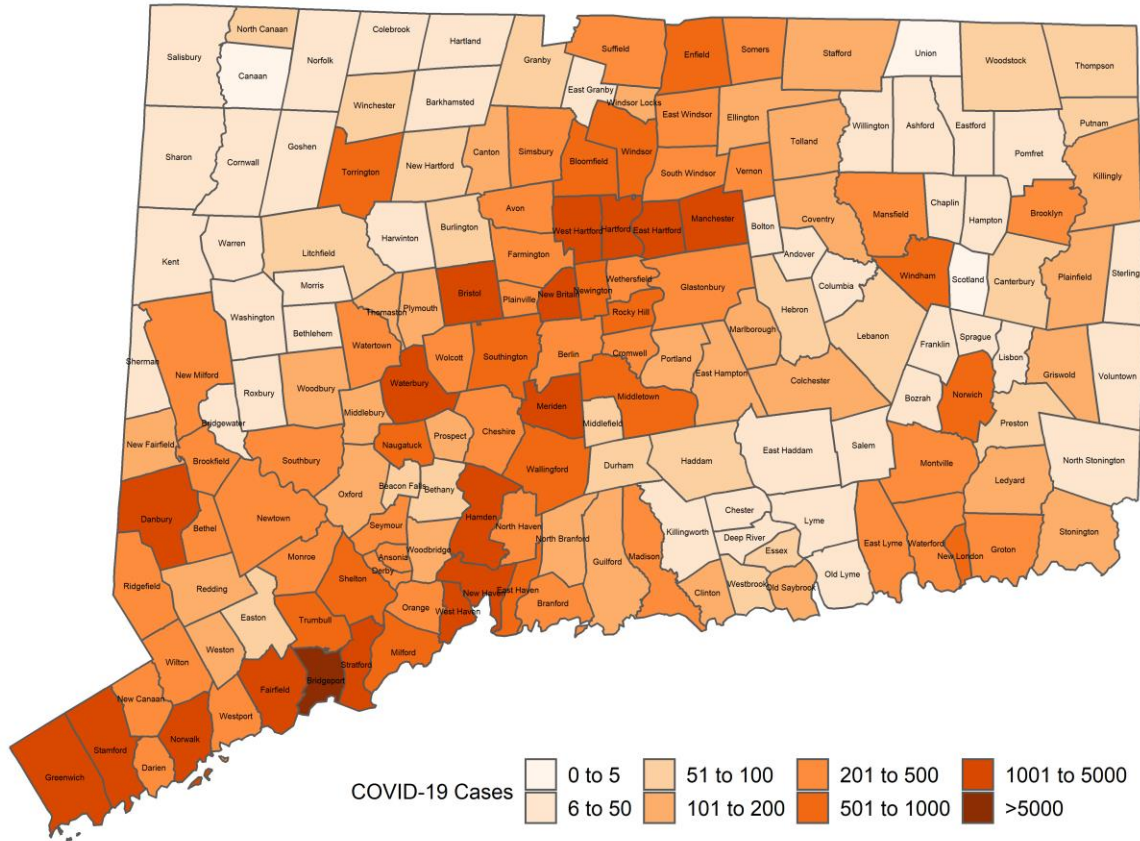


Counts may not add up to total case count because demographic data may be missing.



Cumulative Number of COVID-19 Cases by Town

Map does not include 202 cases pending address validation



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

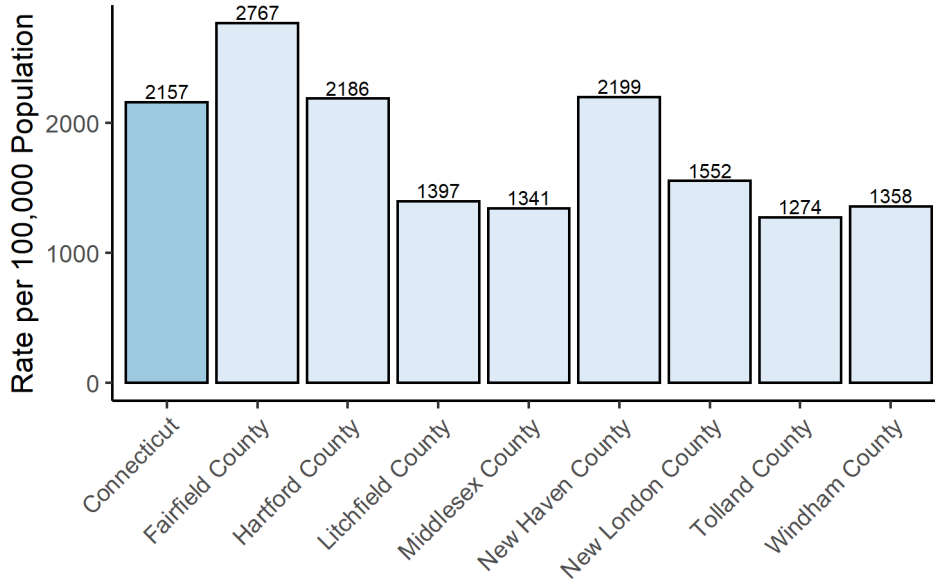
Table does not include 202 cases pending address validation

Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	17	0	Griswold	132	2	Prospect	139	9
Ansonia	414	21	Groton	453	20	Putnam	70	3
Ashford	31	1	Guilford	171	22	Redding	94	9
Avon	285	17	Haddam	70	5	Ridgefield	312	33
Barkhamsted	38	2	Hamden	1363	77	Rocky Hill	515	27
Beacon Falls	79	6	Hampton	17	0	Roxbury	18	4
Berlin	279	24	Hartford	4285	188	Salem	39	0
Bethany	71	2	Hartland	7	1	Salisbury	28	2
Bethel	365	53	Harwinton	44	5	Scotland	0	0
Bethlehem	28	2	Hebron	56	3	Seymour	313	25
Bloomfield	680	42	Kent	21	8	Sharon	18	0
Bolton	46	3	Killingly	146	9	Shelton	837	68
Bozrah	28	0	Killingworth	35	0	Sherman	21	10
Branford	439	36	Lebanon	59	4	Simsbury	197	25
Bridgeport	5125	322	Ledyard	129	2	Somers	327	37
Bridgewater	14	5	Lisbon	34	2	South Windsor	277	21
Bristol	993	45	Litchfield	76	4	Southbury	261	17
Brookfield	262	33	Lyme	12	1	Southington	542	48
Brooklyn	202	4	Madison	195	13	Sprague	31	1
Burlington	76	3	Manchester	1059	85	Stafford	135	13
Canaan	1	0	Mansfield	347	51	Stamford	4357	195
Canterbury	52	1	Marlborough	115	5	Sterling	18	1
Canton	120	10	Meriden	1424	70	Stonington	97	7
Chaplin	16	1	Middlebury	97	12	Stratford	1121	91
Cheshire	378	21	Middlefield	48	3	Suffield	228	25
Chester	48	1	Middletown	888	36	Thomaston	100	5
Clinton	127	8	Milford	829	58	Thompson	66	3
Colchester	190	10	Monroe	217	16	Tolland	104	17
Colebrook	6	1	Montville	435	13	Torrington	729	32
Columbia	39	0	Morris	17	0	Trumbull	684	82
Cornwall	10	0	Naugatuck	604	43	Union	4	1
Coventry	100	7	New Britain	2025	133	Vernon	373	31
Cromwell	206	17	New Canaan	256	17	Voluntown	28	0
Danbury	3514	358	New Fairfield	174	15	Wallingford	799	34
Darien	306	25	New Hartford	51	1	Warren	5	2
Deep River	29	2	New Haven	3485	173	Washington	31	2
Derby	245	8	New London	741	18	Waterbury	3246	226
Durham	81	9	New Milford	393	54	Waterford	314	11
East Granby	33	1	Newington	590	31	Watertown	322	27
East Haddam	49	0	Newtown	340	38	West Hartford	1117	90
East Hampton	105	6	Norfolk	17	1	West Haven	1376	82
East Hartford	1480	82	North Branford	138	21	Westbrook	58	4
East Haven	535	64	North Canaan	59	2	Weston	102	14
East Lyme	252	23	North Haven	403	34	Westport	447	31
East Windsor	271	18	North Stonington	38	3	Wethersfield	396	17
Eastford	16	1	Norwalk	3076	206	Willington	35	4
Easton	64	5	Norwich	860	13	Wilton	293	42
Ellington	160	12	Old Lyme	46	0	Winchester	89	3
Enfield	836	29	Old Saybrook	160	4	Windham	675	4
Essex	72	2	Orange	188	15	Windsor	743	53
Fairfield	1130	146	Oxford	117	7	Windsor Locks	185	10
Farmington	337	22	Plainfield	162	2	Wolcott	251	23
Franklin	32	0	Plainville	264	17	Woodbridge	162	21
Glastonbury	412	39	Plymouth	120	11	Woodbury	98	7
Goshen	17	1	Pomfret	34	0	Woodstock	53	1
Granby	52	4	Portland	101	8			
Greenwich	1129	85	Preston	59	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](#)

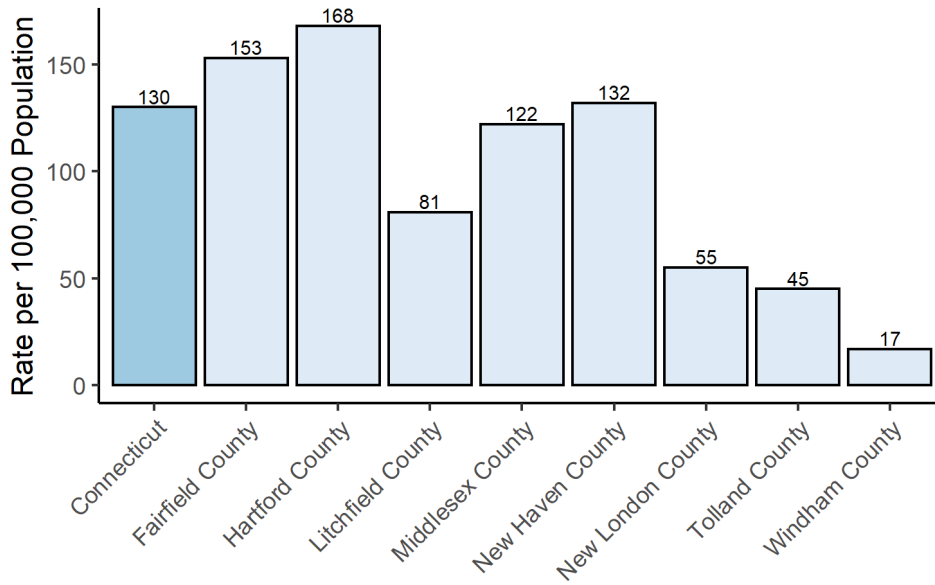
Rate of COVID-19 Cases Statewide and by County

As of 11/04/2020 at 8:30pm



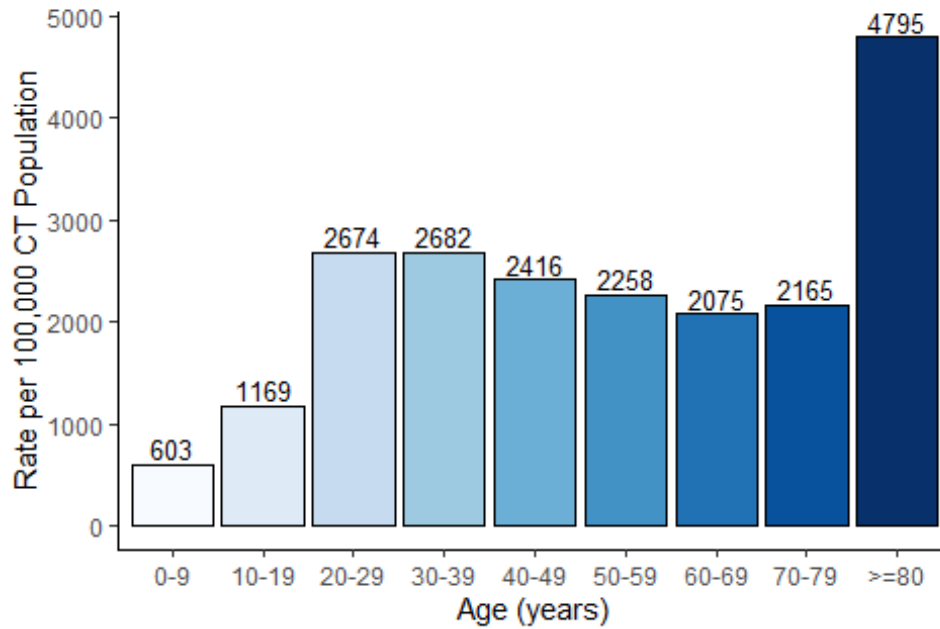
Rate of COVID-19-Associated Deaths Statewide and by County

As of 11/04/2020 at 8:30pm



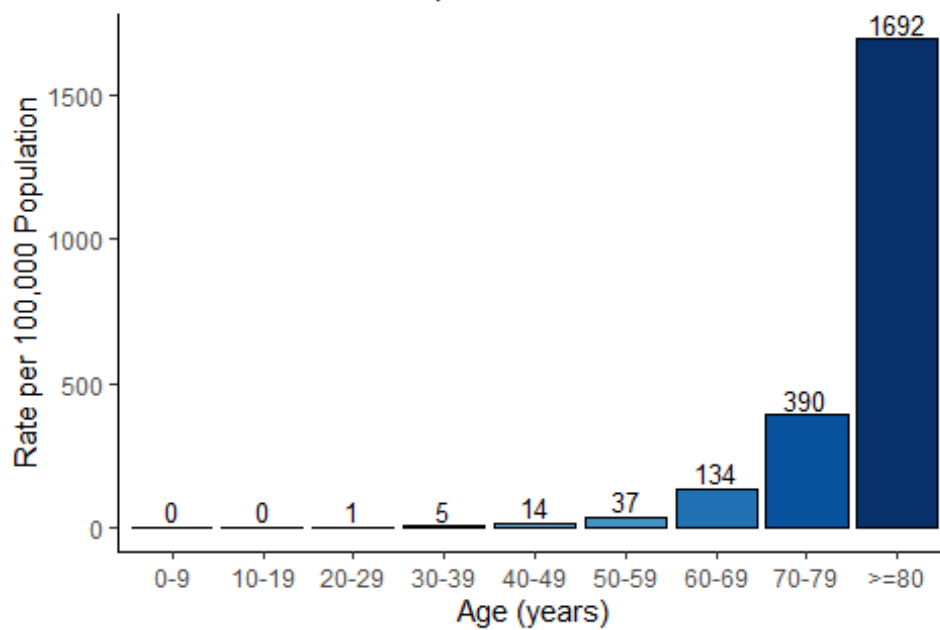
Rate of COVID-19 Cases by Age Group

As of 11/04/2020 at 8:30pm



Rate of COVID-19-Associated Deaths by Age Group

As of 11/04/2020 at 8:30pm



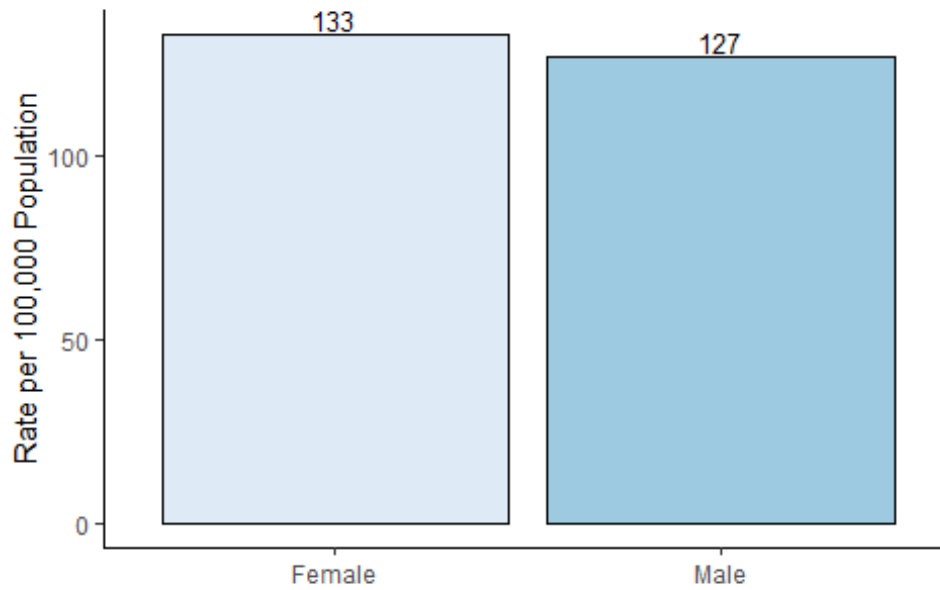
Rate of COVID-19 Cases by Gender

As of 11/04/2020 at 8:30pm

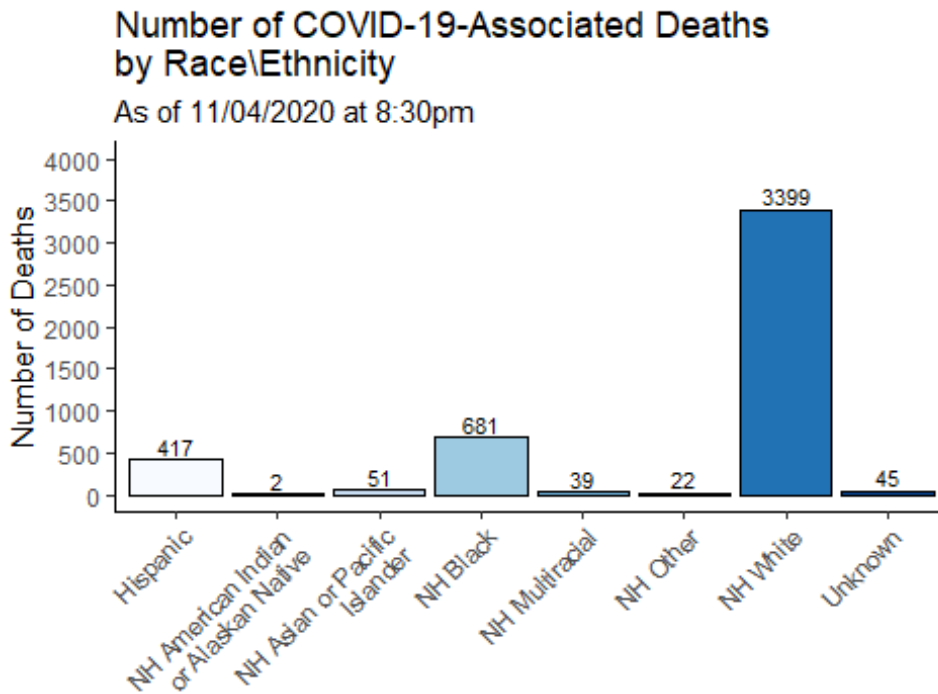
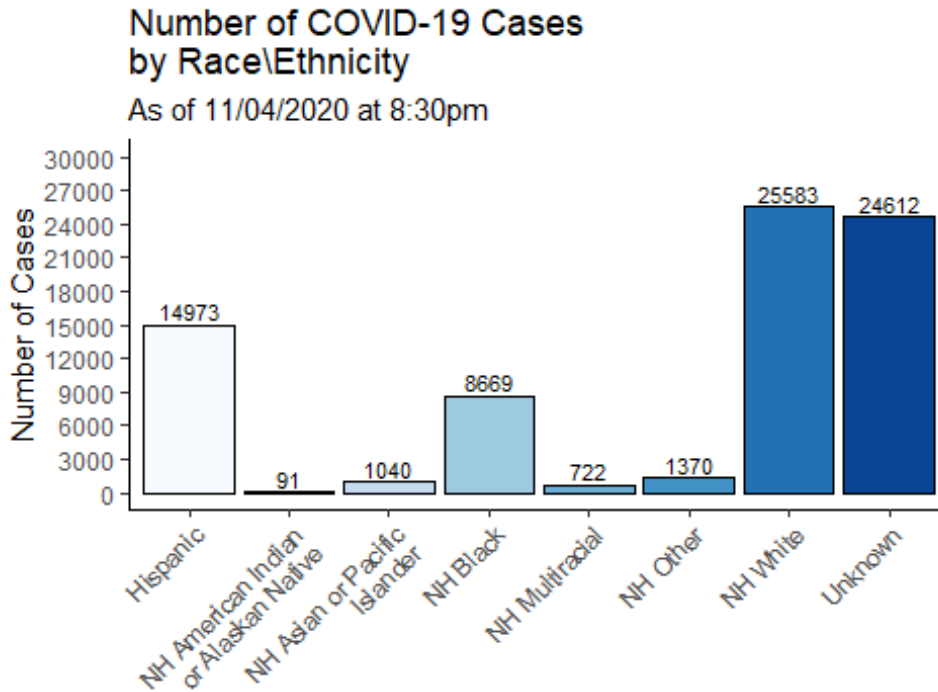


Rate of COVID-19-Associated Deaths by Gender

As of 11/04/2020 at 8:30pm

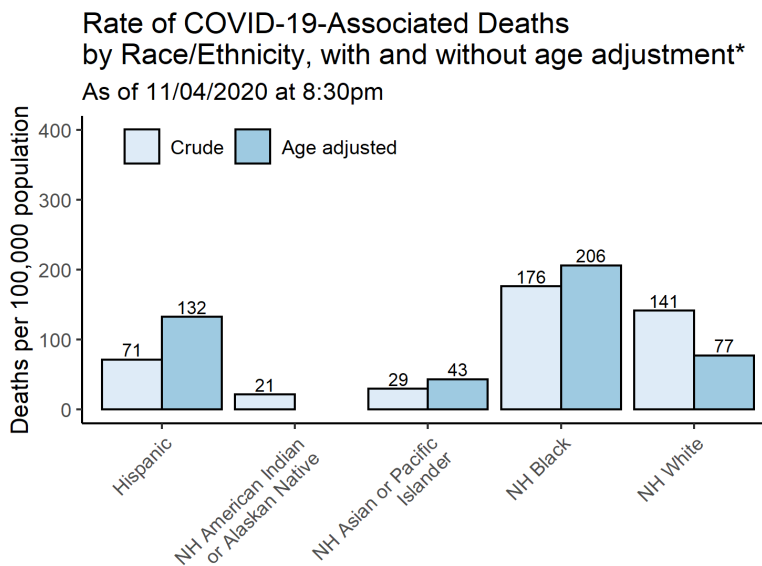
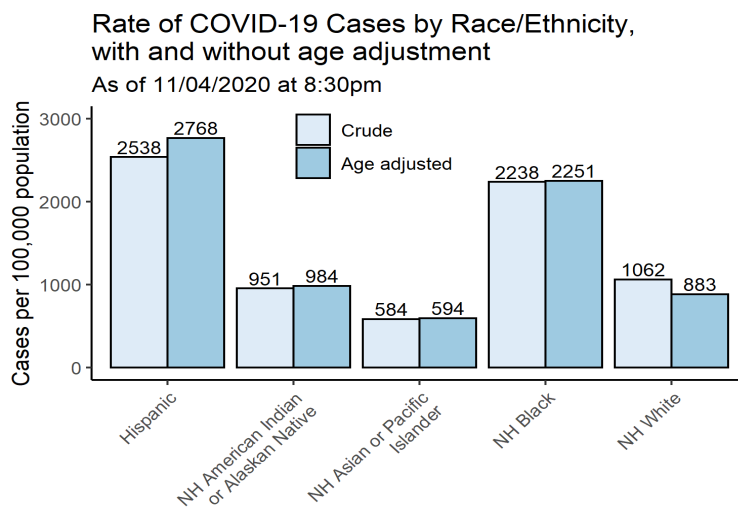


APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. Categories are mutually exclusive. The category “multiracial” includes people who answered ‘yes’ to more than one race category. NH=Non-Hispanic



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