

COVID-19 Update December 03, 2020

As of **December 02, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **126177**, including **118191** laboratory-confirmed and **7986** probable cases. **One thousand one hundred ninety-one** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **5111** 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)	126177	+4751
COVID-19 Tests Reported (molecular and antigen)	3386127	+66645
Daily Test Positivity		7.13%
Patients Currently Hospitalized with COVID-19	1191	-11
COVID-19-Associated Deaths	5111	+20

*Includes confirmed plus probable cases

COVID-19 Cases and Associated Deaths by County of Residence as of 12/02/20 8:30pm.

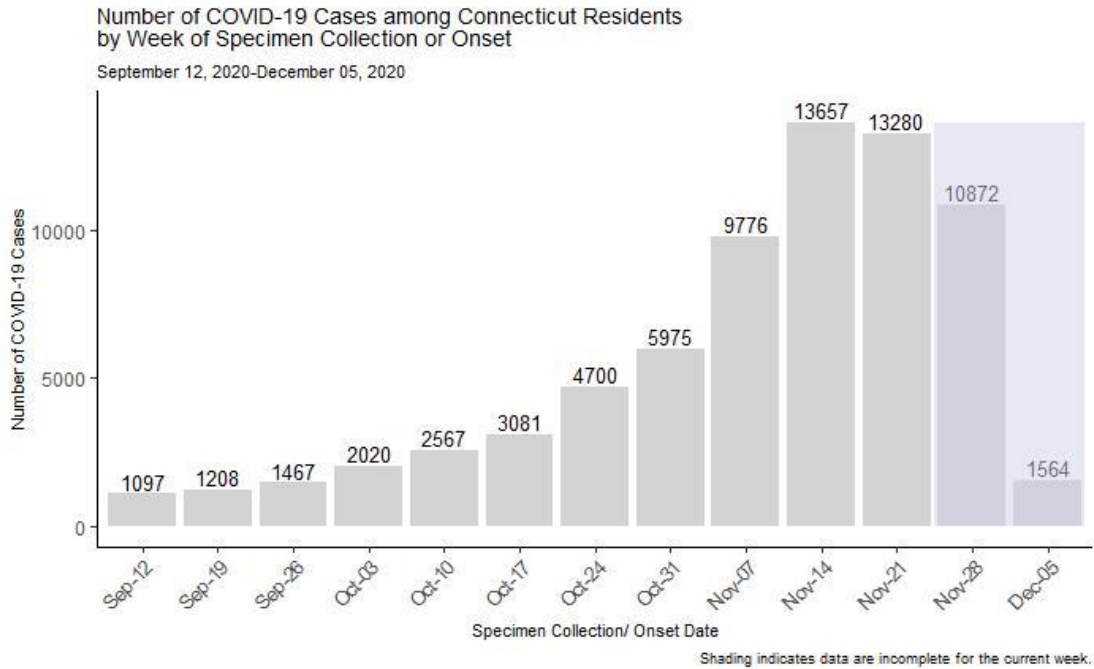
County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	38032	3030	1198	336
Hartford County	28951	1598	1287	335
Litchfield County	4509	348	148	22
Middlesex County	3753	220	166	43
New Haven County	30146	2231	1092	191
New London County	6385	172	129	50
Tolland County	2930	269	64	16
Windham County	2753	49	28	5
Pending address validation	732	69	0	1
Total	118191	7986	4112	999

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

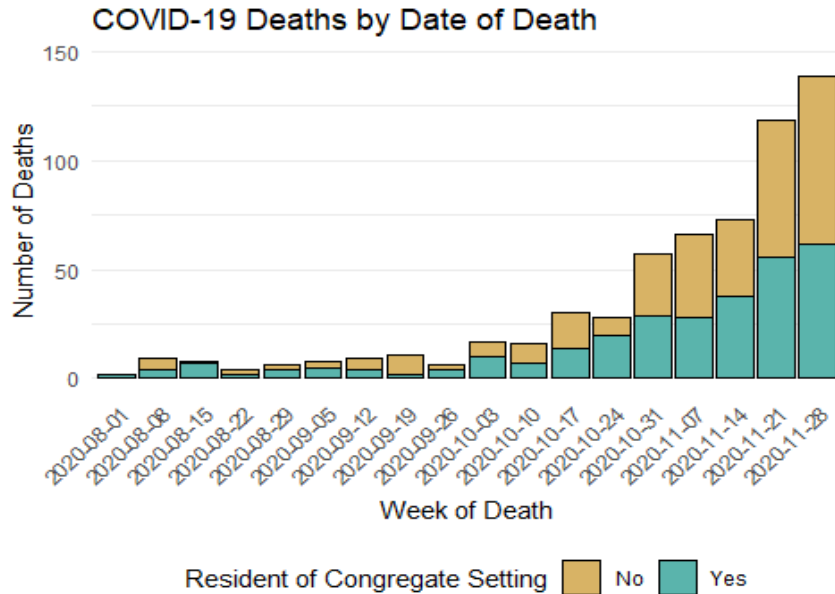
Day-to-day changes reflect newly reported cases, deaths, and tests that occurred over the last several days to week. All data in this report are preliminary; data for previous dates will be updated as new reports are received and data errors are corrected. Hospitalization data were collected by the Connecticut 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. Case data now includes probable cases based on positive antigen test results. During the past two weeks (November 15-28), there were 24,152 new COVID-19 cases, including cases among people residing in the community and congregate settings, such as nursing homes, managed residential communities, 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.

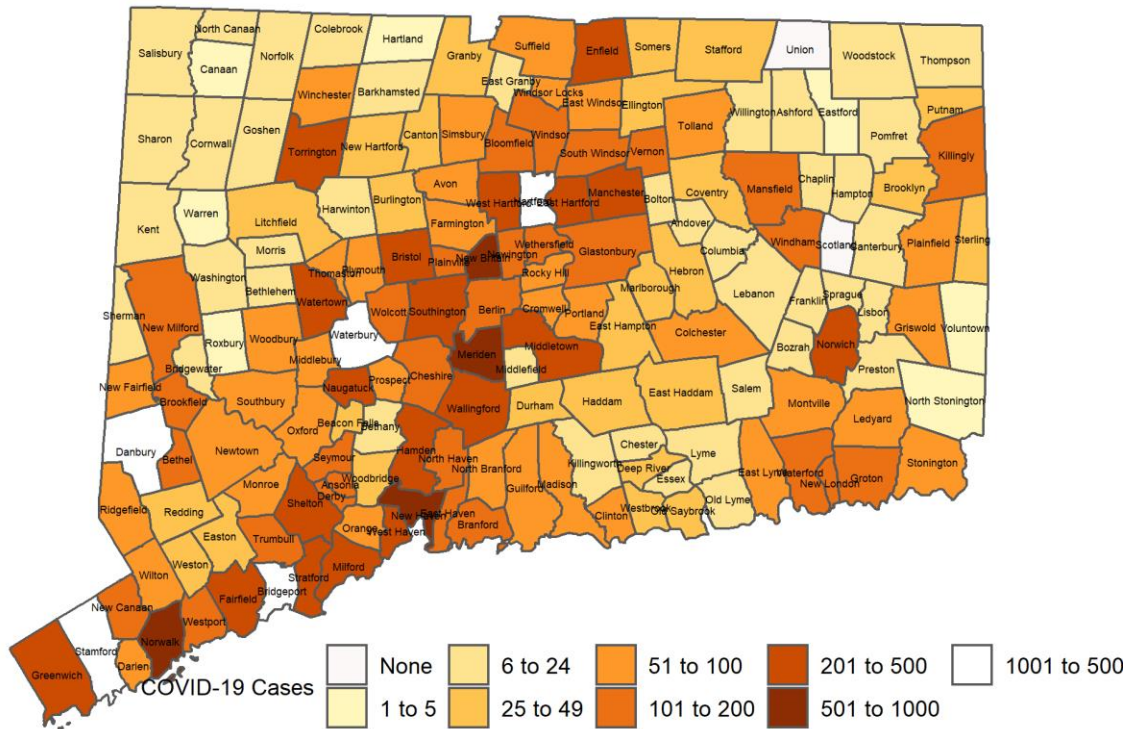


Community Transmission of COVID-19

Among 24,152 new COVID-19 cases with specimen collection or onset date during November 15-28, there were 23,795 cases among people living in community settings, as shown in the map below. This corresponds to an average of 47.57 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 58 towns.

Number of COVID-19 Cases among People Living in Community Settings by Town with Specimen Collection or Onset Date During November 15-28

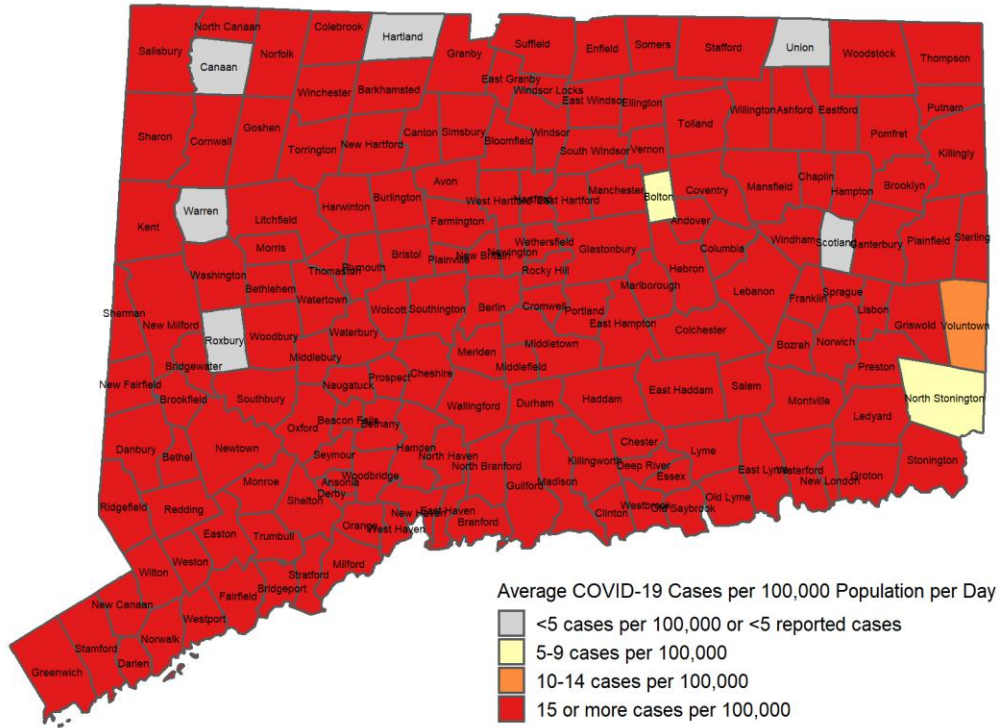


Map does not include 356 cases pending address validation

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 November 15-28, 161 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 November 15-28



Map does not include 356 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 November 15-28, 2020

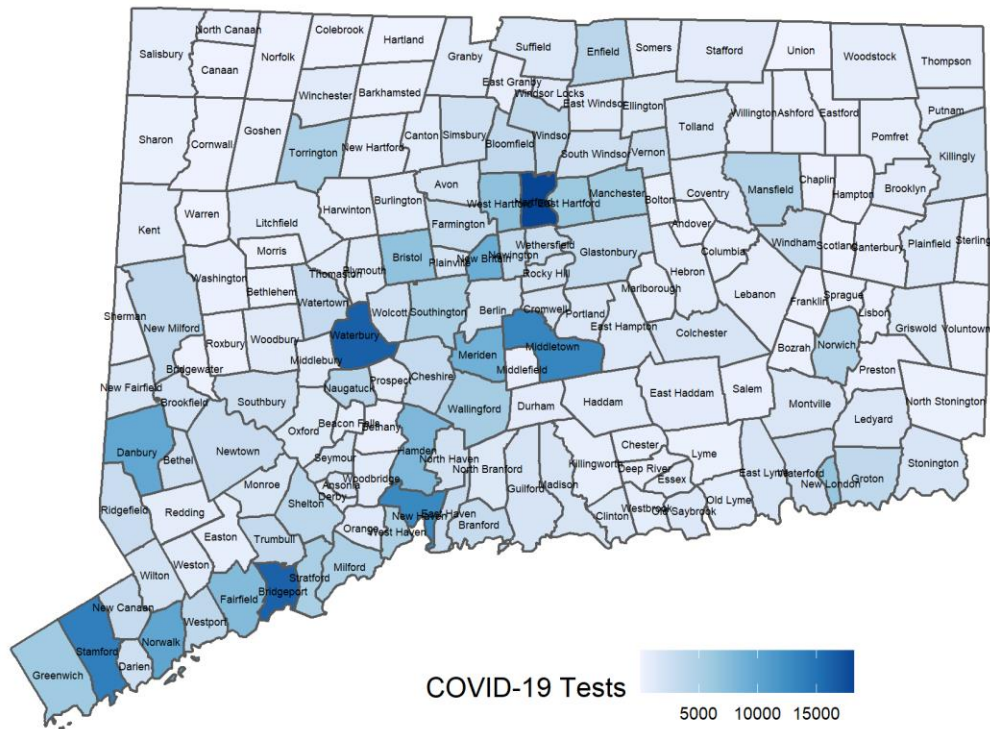
Map does not include 356 cases pending address validation

Town	Population	Cases	Rate	Town	Population	Cases	Rate	Town	Population	Cases	Rate
Andover	3231	14	31.0	Griswold	11591	55	33.9	Prospect	9790	86	62.7
Ansonia	18721	150	57.2	Groton	38692	125	23.1	Putnam	9395	45	34.2
Ashford	4261	12	20.1	Guilford	22216	61	19.6	Redding	9125	32	25
Avon	18302	65	25.4	Haddam	8222	26	22.6	Ridgefield	25008	84	24
Barkhamsted	3624	14	27.6	Hamden	60940	319	37.4	Rocky Hill	20145	86	30.5
Beacon Falls	6182	38	43.9	Hampton	1853	11	42.4	Roxbury	2160	3	9.9
Berlin	20432	118	41.3	Hartford	122587	1274	74.2	Salem	4123	16	27.7
Bethany	5479	21	27.4	Hartland	2120	3	10.1	Salisbury	3598	11	21.8
Bethel	19714	149	54.0	Harwinton	5430	21	27.6	Scotland	1685	0	0
Bethlehem	3422	18	37.6	Hebron	9482	48	36.2	Seymour	16509	121	52.4
Bloomfield	21301	117	39.2	Kent	2785	9	23.1	Sharon	2703	6	15.9
Bolton	4890	6	8.8	Killingly	17287	120	49.6	Shelton	41097	278	48.3
Bozrah	2537	7	19.7	Killingworth	6370	19	21.3	Sherman	3614	8	15.8
Branford	28005	162	41.3	Lebanon	7207	20	19.8	Simsbury	24979	73	20.9
Bridgeport	144900	1545	76.2	Ledyard	14736	60	29.1	Somers	10834	34	22.4
Bridgewater	1641	8	34.8	Lisbon	4248	17	28.6	South Windsor	26054	110	30.2
Bristol	60032	407	48.4	Litchfield	8127	43	37.8	Southbury	19656	98	35.6
Brookfield	17002	116	48.7	Lyme	2338	8	24.4	Southington	43807	214	34.9
Brooklyn	8280	35	30.2	Madison	18106	67	26.4	Sprague	2889	17	42
Burlington	9665	31	22.9	Manchester	57699	278	34.4	Stafford	11884	35	21
Canaan	1055	2	13.5	Mansfield	25817	111	30.7	Stamford	129775	1060	58.3
Cantonbury	5100	18	25.2	Marlborough	6358	26	29.2	Sterling	3780	38	71.8
Canton	10270	31	21.6	Meriden	59540	634	76.1	Stonington	18449	51	19.7
Chaplin	2256	11	34.8	Middlebury	7731	51	47.1	Stratford	51967	348	47.8
Cheshire	29179	131	32.1	Middlefield	4380	22	35.9	Suffield	15743	70	31.8
Chester	4229	10	16.9	Middletown	46146	346	53.6	Thomaston	7560	67	63.3
Clinton	12950	64	35.3	Milford	54661	355	46.4	Thompson	9395	24	18.2
Colchester	15936	67	30.0	Monroe	19470	95	34.9	Tolland	14655	71	34.6
Colebrook	1405	9	45.8	Montville	18716	61	23.3	Torrington	34228	342	71.4
Columbia	5385	19	25.2	Morris	2262	7	22.1	Trumbull	35802	190	37.9
Cornwall	1368	9	47.0	Naugatuck	31288	278	63.5	Union	840	0	0
Coventry	12414	49	28.2	New Britain	72453	827	81.5	Vernon	29303	144	35.1
Cromwell	13905	89	45.7	New Canaan	20213	112	39.6	Voluntown	2535	5	14.1
Danbury	84730	1080	91.0	New Fairfield	13877	76	39.1	Wallingford	44535	335	53.7
Darien	21753	98	32.2	New Hartford	6685	41	43.8	Warren	1399	2	10.2
Deep River	4463	30	48.0	New Haven	130418	765	41.9	Washington	3434	15	31.2
Derby	12515	102	58.2	New London	26939	180	47.7	Waterbury	108093	1492	98.6
Durham	7195	31	30.8	New Milford	26974	184	48.7	Waterford	18887	113	42.7
East Granby	5147	15	20.8	Newington	30112	154	36.5	Watertown	21641	208	68.7
East Haddam	8988	37	29.4	Newtown	27774	97	24.9	West Hartford	62939	278	31.5
East Hampton	12854	46	25.6	Norfolk	1640	10	43.6	West Haven	54879	321	41.8
East Hartford	49998	381	54.4	North Branford	14158	74	37.3	Westbrook	6914	32	33.1
East Haven	28699	199	49.5	North Canaan	3254	16	35.1	Weston	10247	32	22.3
East Lyme	18645	61	23.4	North Haven	23691	151	45.5	Westport	28115	111	28.2
East Windsor	11375	59	37.0	North Stonington	5243	5	6.8	Wethersfield	26082	150	41.1
Eastford	1790	5	20.0	Norwalk	89047	722	57.9	Willington	5887	20	24.3
Easton	7517	37	35.2	Norwich	39136	224	40.9	Wilton	18397	71	27.6
Ellington	16299	46	20.2	Old Lyme	7366	20	19.4	Winchester	10655	80	53.6
Enfield	44466	214	34.4	Old Saybrook	10087	32	22.7	Windham	24706	180	52
Essex	6674	21	22.5	Orange	13949	71	36.4	Windsor	28760	169	42
Fairfield	61952	346	39.9	Oxford	13226	77	41.6	Windsor Locks	12876	57	31.6
Farmington	25506	100	28.0	Plainfield	15173	95	44.7	Wolcott	16649	200	85.8
Franklin	1933	15	55.4	Plainville	17623	133	53.9	Woodbridge	8805	30	24.3
Glastonbury	34491	126	26.1	Plymouth	11645	88	54.0	Woodbury	9537	51	38.2
Goshen	2879	9	22.3	Pomfret	4204	16	27.2	Woodstock	7862	25	22.7
Granby	11375	46	28.9	Portland	9305	54	41.5				
Greenwich	62727	251	28.6	Preston	4638	10	15.4				

COVID-19 Molecular and Antigen Tests during November 15-28

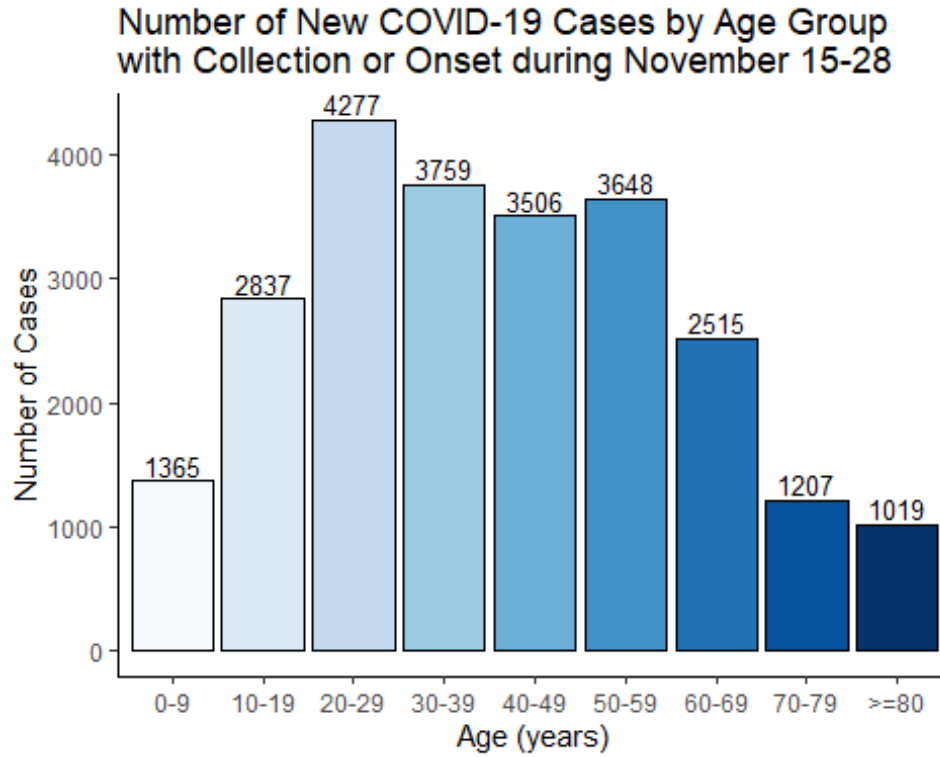
Among 456,626 molecular and antigen tests for COVID-19 with specimen collection date during November 15-28, 420,318 (92%) tests were conducted among people who did not reside in congregate settings (including nursing homes, assisted living, and correctional facilities). Of these 420,318 tests, 27,893 (7%) were positive. The map below shows the number of molecular and antigen COVID-19 tests by town with specimen collection date during November 15-28 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 November 15-28



Map does not include tests pending address validation

Age Distribution of COVID-19 Cases with Specimen Collection or Onset During November 15-28, 2020

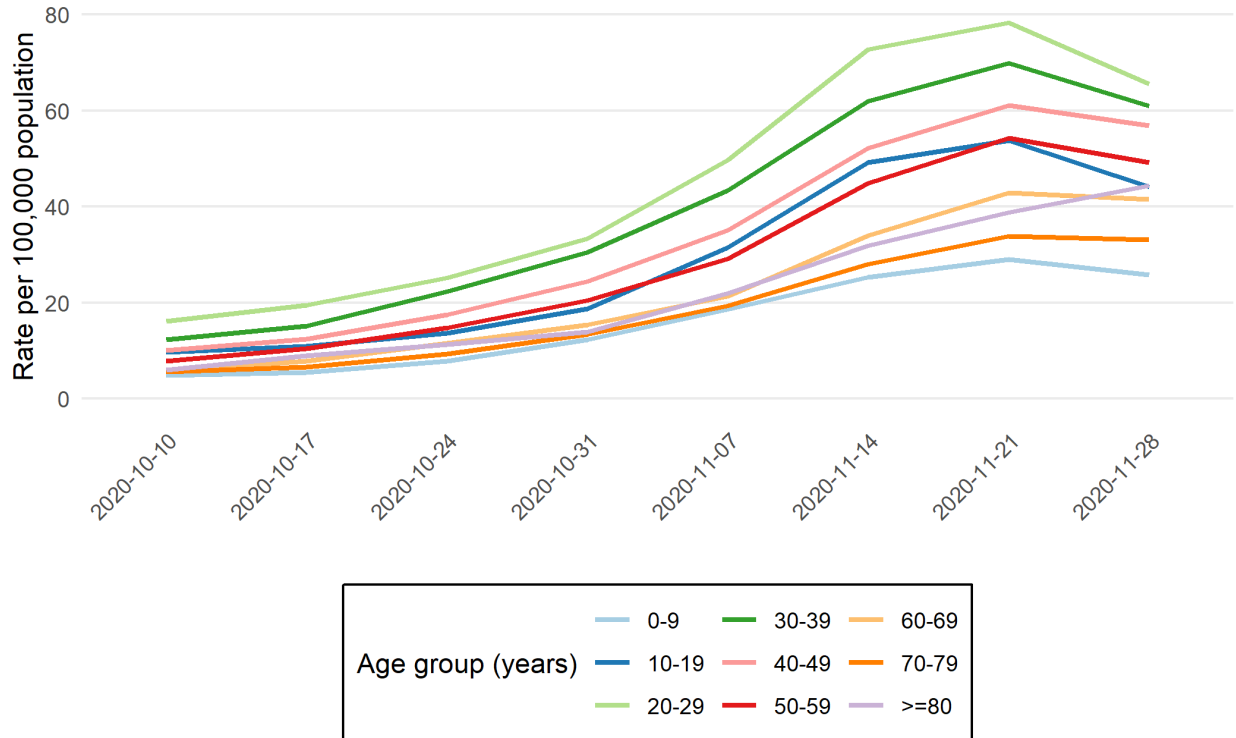


Average Daily Incidence by Age Group

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

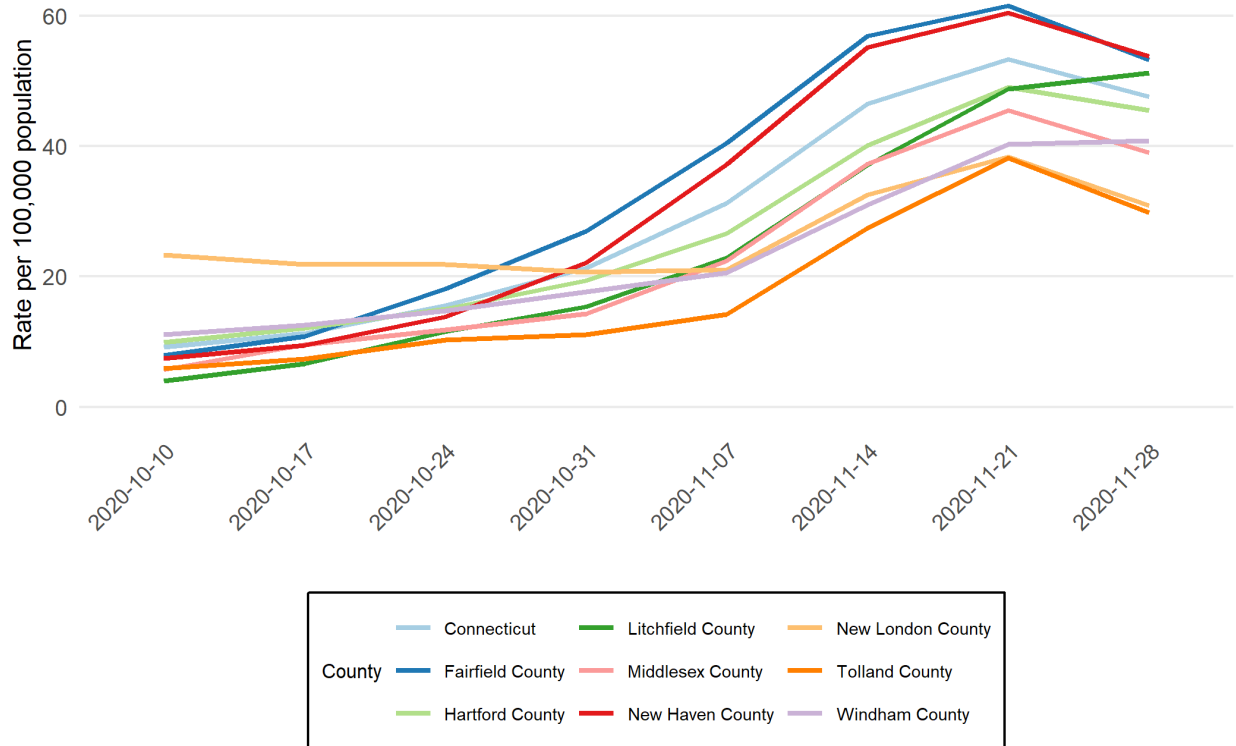
As of 12/02/2020 at 8:30PM



Average Daily Incidence by County

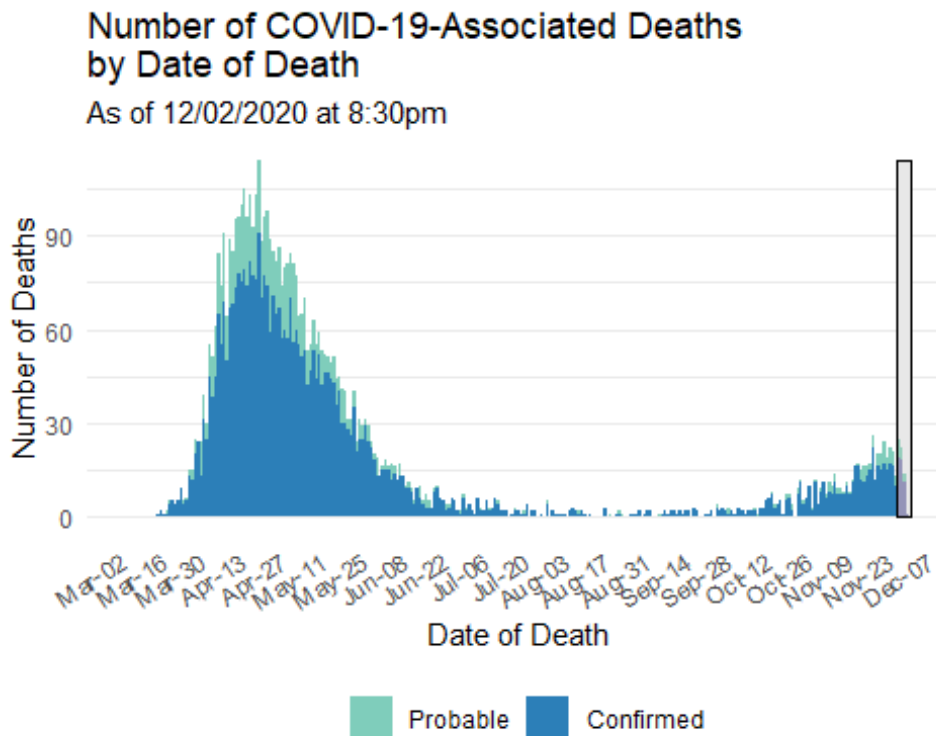
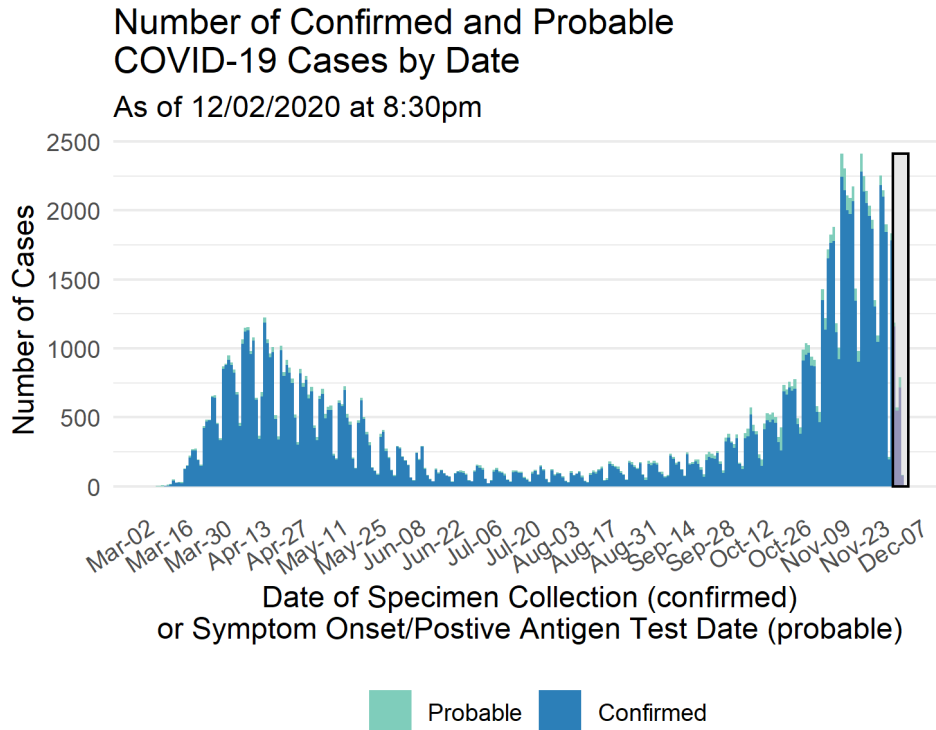
The chart below shows the average number of new COVID-19 cases per day per 100,000 population in the state of Connecticut and for each Connecticut county. The rates in this chart are calculated by averaging the number of new cases diagnosed each day during the previous two weeks, dividing by the annual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

Average daily rates of COVID-19 cases by county
As of 12/02/2020 at 8:30PM



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.

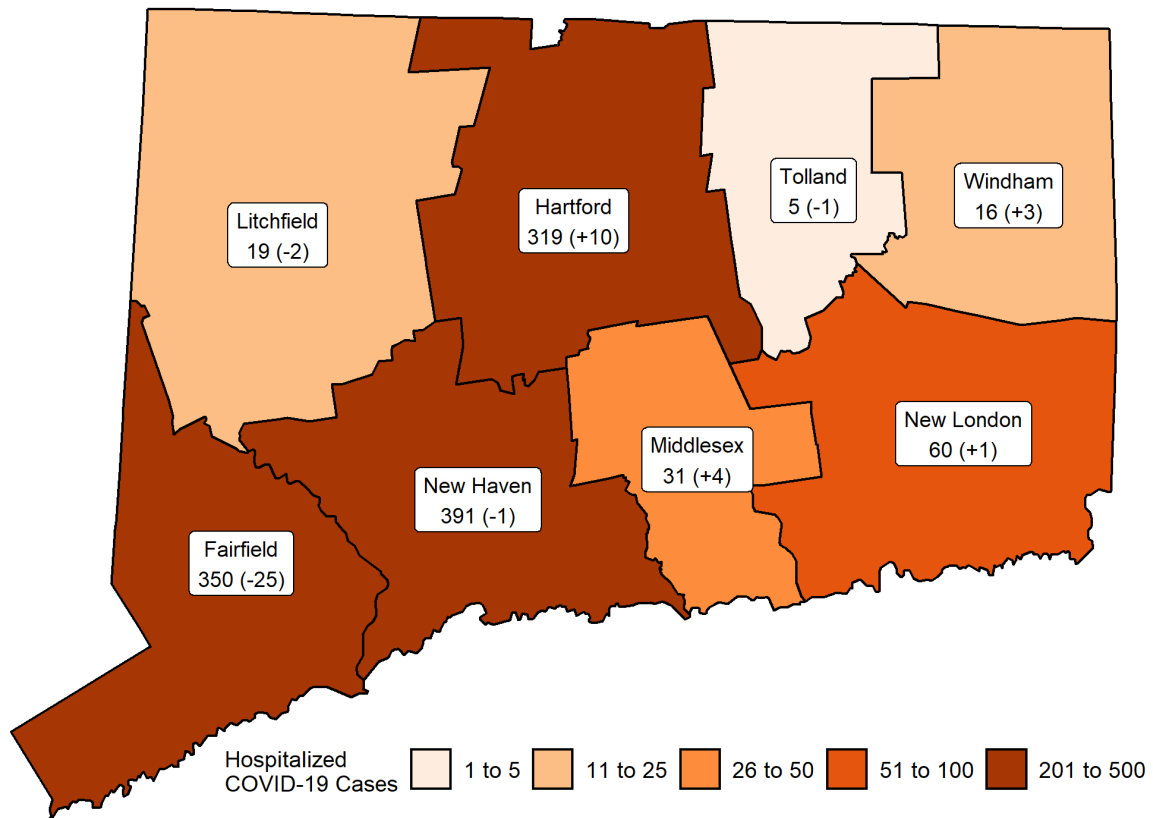


Hospitalization Surveillance

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

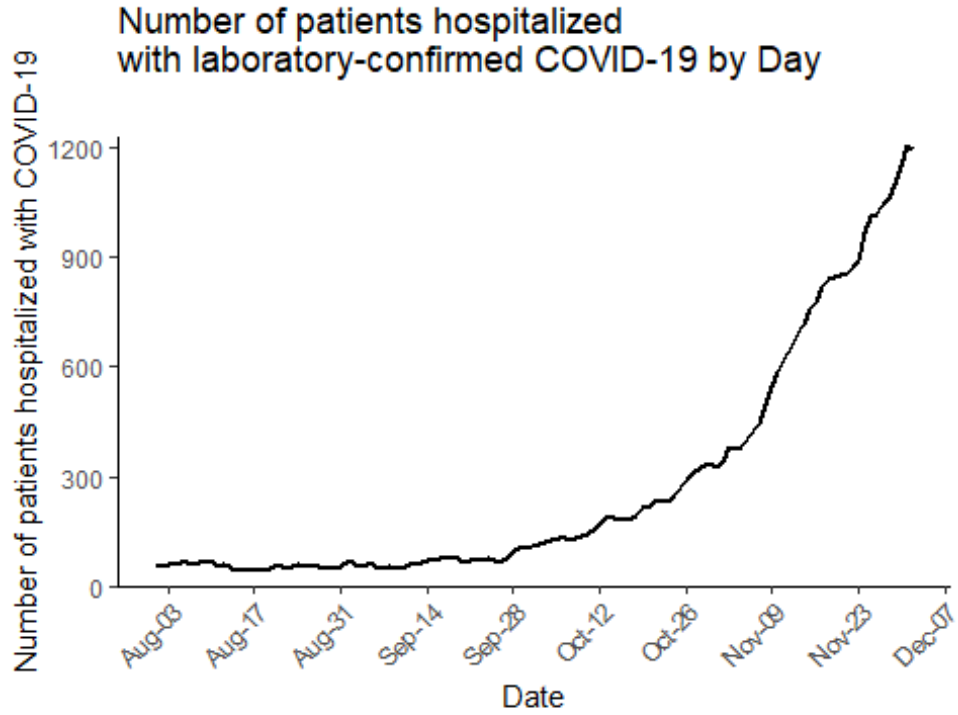
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



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

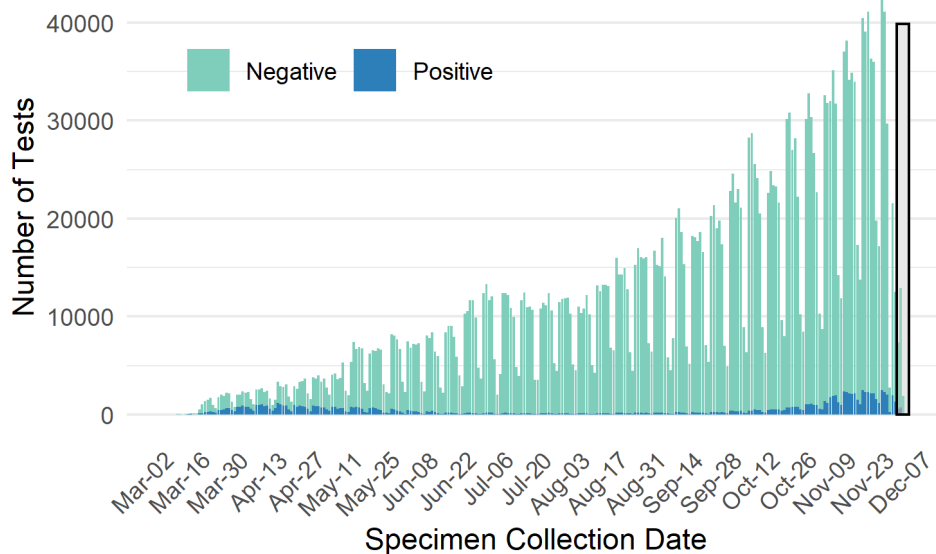
Molecular Tests

To date, DPH has received reports on a total of 3323447 molecular COVID-19 laboratory tests; of these 2979957 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.

Test results may be reported several days after specimen collection. Data are incomplete for most recent dates shaded in grey. Data for previous dates are routinely updated.

Number of Molecular Laboratory Tests for COVID-19 Reported via ELR by Specimen Collection Date

As of 12/02/2020 at 8:30pm



Shading indicates data are incomplete for the current week.

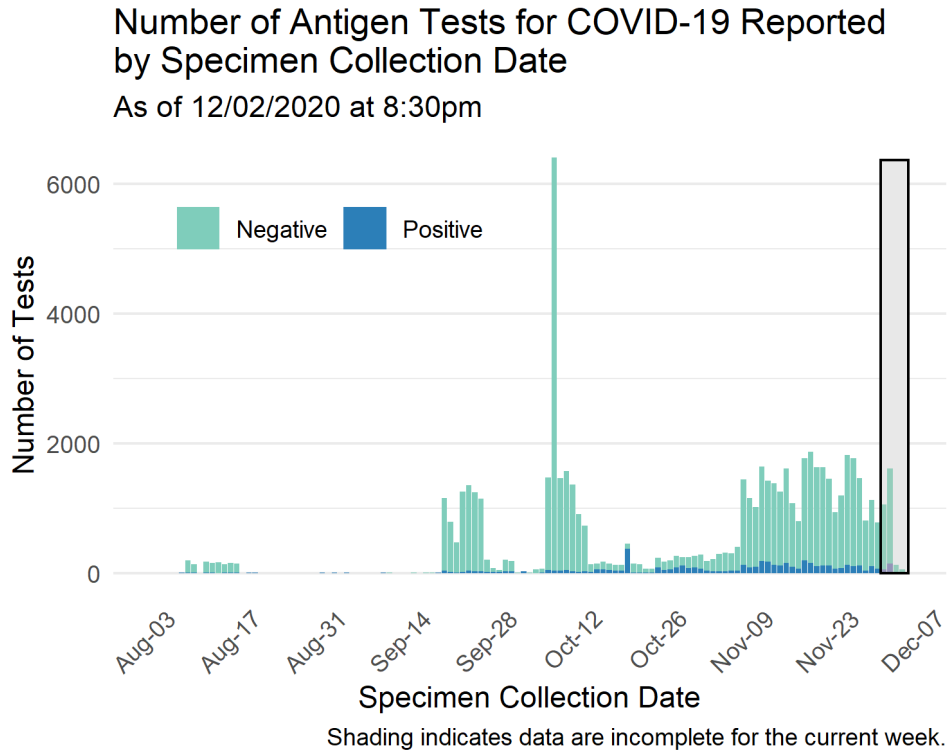
Testing of recently collected specimens is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

ELR = Electronic Laboratory Reporting

Antigen Tests

To date, DPH has received reports on a total of 62680 COVID-19 antigen laboratory tests. The chart below shows the number of antigen tests reported to DPH by specimen collection date and test result.

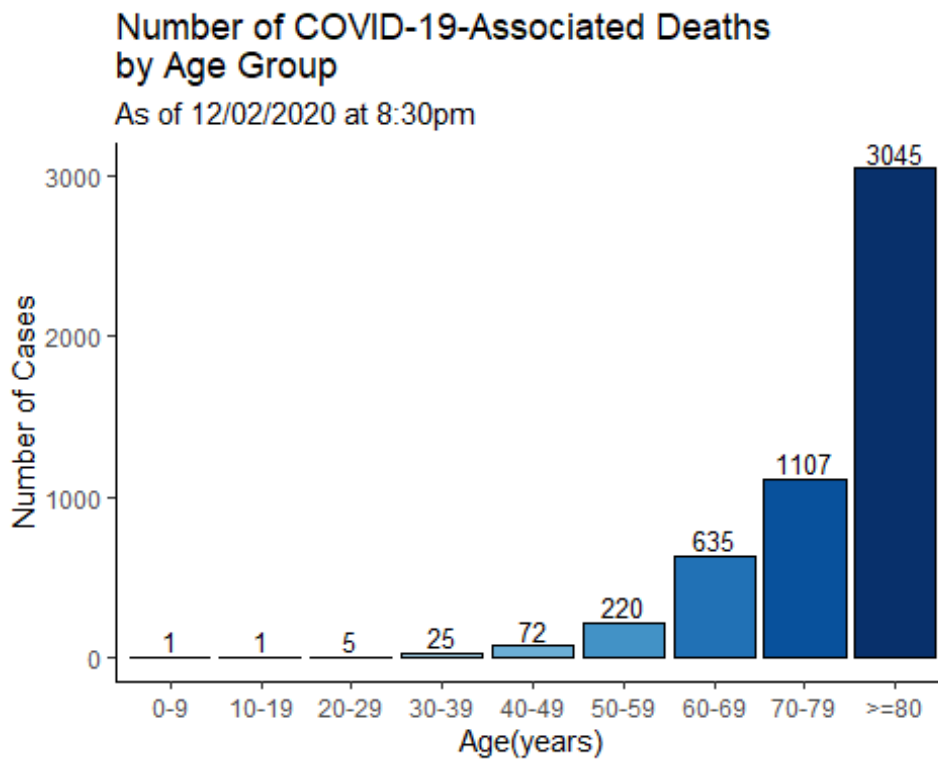
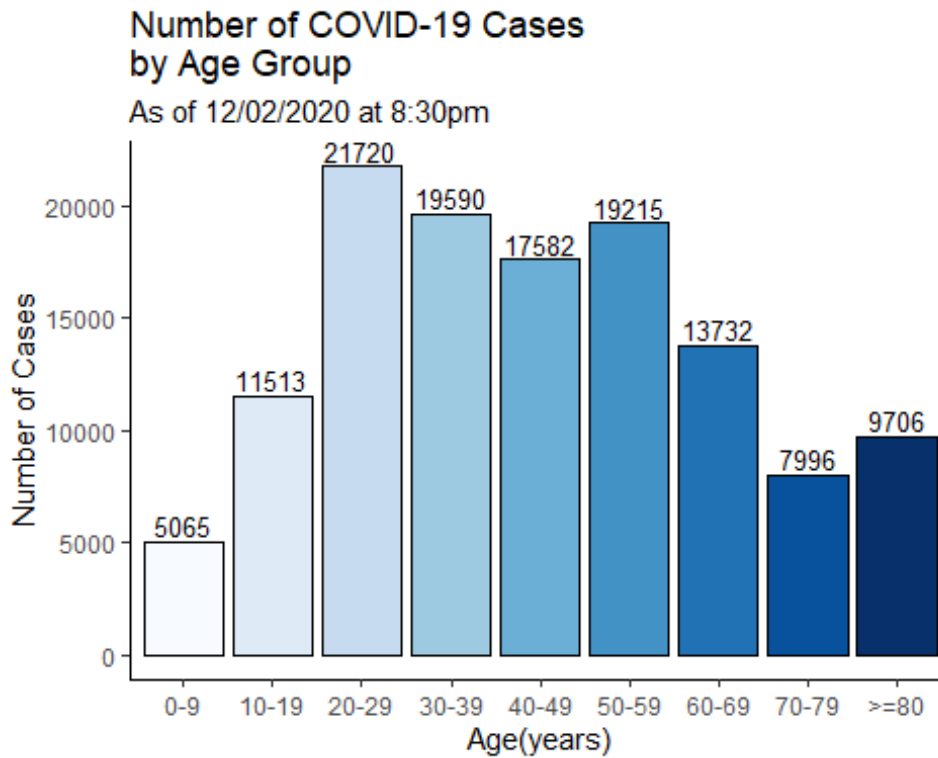
Test results may be reported several days after specimen collection. Data are incomplete for most recent dates shaded in grey. Data for previous dates are routinely updated.



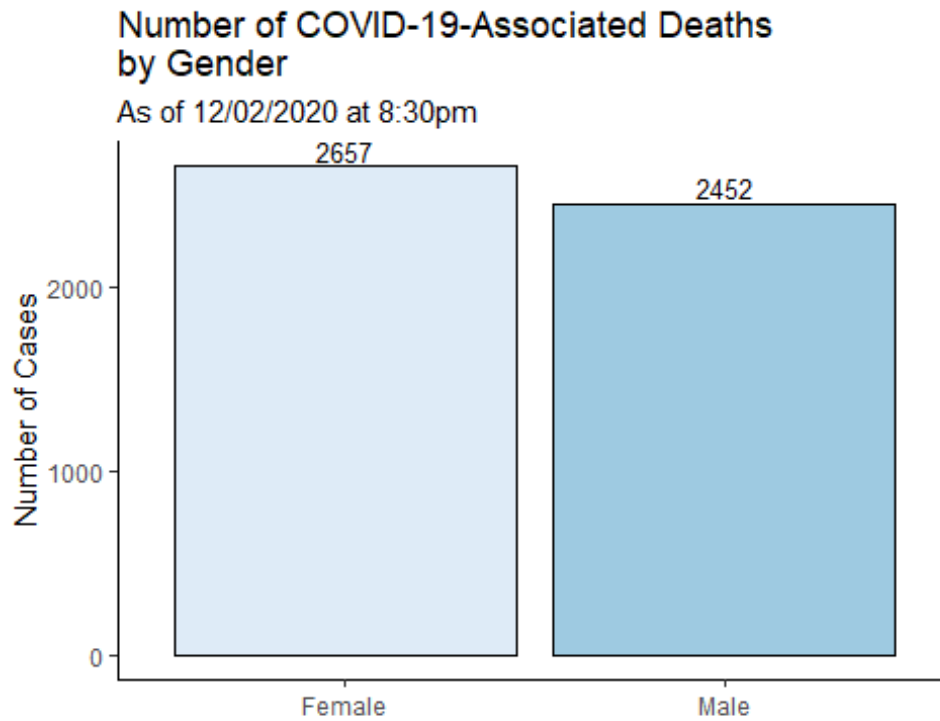
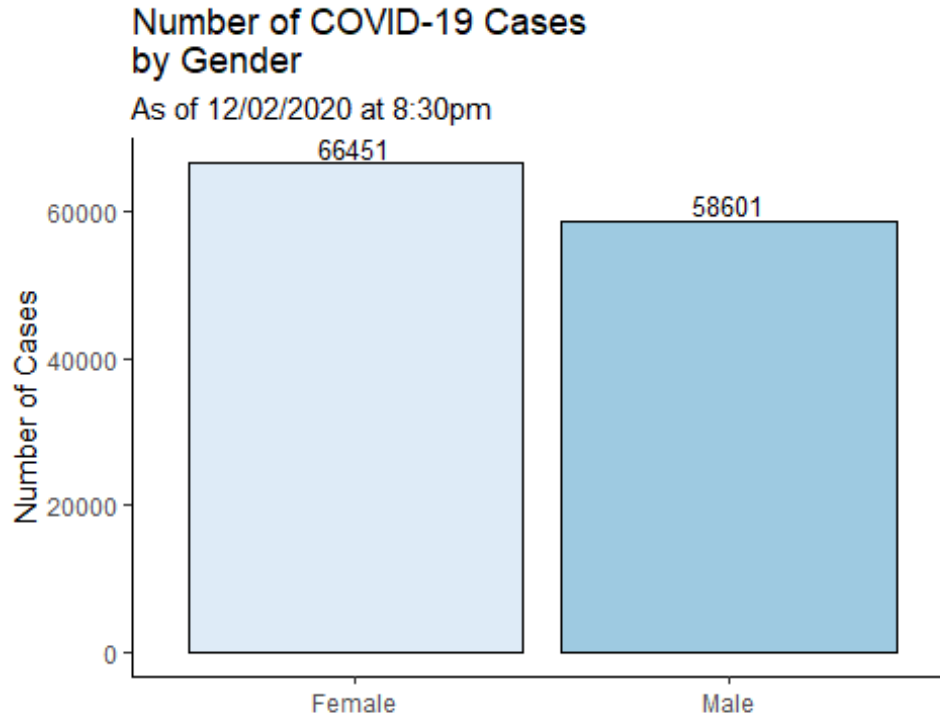
Testing of recently collected specimens is ongoing and does not reflect a decrease in testing.

Characteristics of COVID-19 Cases and Associated Deaths

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

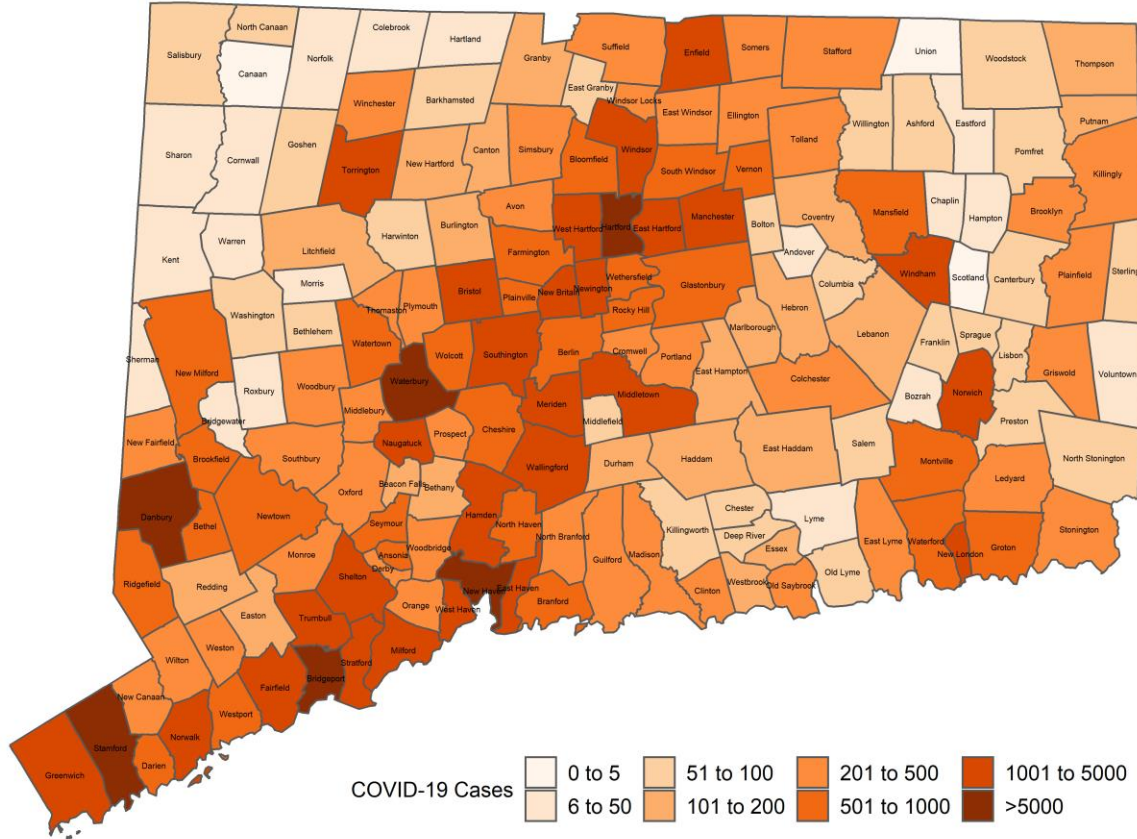


Counts may not add up to total case count because demographic data may be missing.



Cumulative Number of COVID-19 Cases by Town

Map does not include 801 cases pending address validation



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

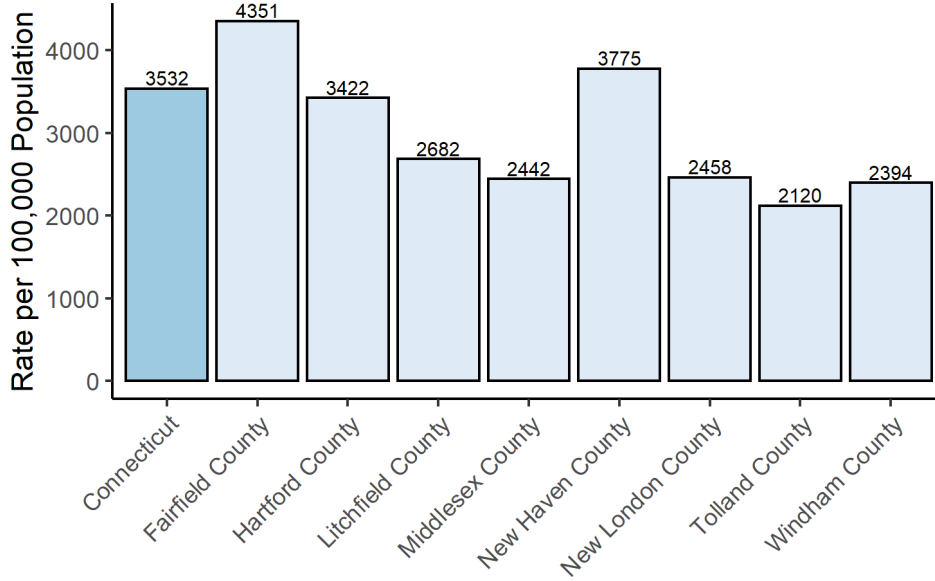
Table does not include 801 cases pending address validation

Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	40	1	Griswold	242	3	Prospect	300	20
Ansonia	709	52	Groton	761	31	Putnam	143	3
Ashford	52	3	Guilford	316	29	Redding	163	17
Avon	383	20	Haddam	139	5	Ridgefield	462	58
Barkhamsted	60	3	Hamden	2171	159	Rocky Hill	692	34
Beacon Falls	164	8	Hampton	36	0	Roxbury	27	5
Berlin	482	35	Hartford	6662	235	Salem	64	0
Bethany	121	7	Hartland	12	0	Salisbury	51	2
Bethel	618	75	Harwinton	81	8	Scotland	3	0
Bethlehem	57	6	Hebron	145	11	Seymour	593	38
Bloomfield	877	50	Kent	41	9	Sharon	35	0
Bolton	59	6	Killingly	393	10	Shelton	1414	119
Bozrah	42	0	Killingworth	84	2	Sherman	36	14
Branford	731	80	Lebanon	107	4	Simsbury	313	31
Bridgeport	8462	500	Ledyard	268	3	Somers	394	44
Bridgewater	27	5	Lisbon	70	1	South Windsor	498	25
Bristol	1778	95	Litchfield	140	10	Southbury	437	24
Brookfield	449	53	Lyme	22	2	Southington	1014	94
Brooklyn	273	5	Madison	333	27	Sprague	63	1
Burlington	133	5	Manchester	1581	114	Stafford	200	14
Canaan	3	0	Mansfield	606	85	Stamford	6333	329
Canterbury	87	1	Marlborough	164	12	Sterling	74	1
Canton	172	12	Meriden	2663	139	Stonington	221	10
Chaplin	36	2	Middlebury	185	18	Stratford	1832	154
Cheshire	652	42	Middlefield	84	7	Suffield	380	33
Chester	87	1	Middletown	1523	93	Thomaston	208	22
Clinton	261	11	Milford	1486	155	Thompson	109	3
Colchester	315	16	Monroe	446	33	Tolland	260	22
Colebrook	18	2	Montville	557	14	Torrington	1356	52
Columbia	70	1	Morris	34	1	Trumbull	1143	116
Cornwall	23	0	Naugatuck	1136	71	Union	4	1
Coventry	189	7	New Britain	3469	193	Vernon	650	53
Cromwell	386	26	New Canaan	466	32	Voluntown	38	0
Danbury	5333	539	New Fairfield	292	30	Wallingford	1550	88
Darien	475	44	New Hartford	117	3	Warren	7	2
Deep River	80	8	New Haven	5120	323	Washington	58	2
Derby	451	23	New London	1120	23	Waterbury	5716	397
Durham	147	16	New Milford	664	109	Waterford	531	21
East Granby	63	2	Newington	950	52	Watertown	678	62
East Haddam	118	4	Newtown	564	58	West Hartford	1664	148
East Hampton	189	11	Norfolk	28	1	West Haven	2030	153
East Hartford	2252	95	North Branford	301	41	Westbrook	123	8
East Haven	892	143	North Canaan	86	4	Weston	188	20
East Lyme	386	22	North Haven	715	71	Westport	678	54
East Windsor	389	21	North Stonington	57	3	Wethersfield	691	35
Eastford	21	1	Norwalk	4491	304	Willington	80	5
Easton	125	9	Norwich	1290	16	Wilton	434	52
Ellington	233	19	Old Lyme	88	0	Winchester	198	4
Enfield	1184	52	Old Saybrook	219	8	Windham	1008	12
Essex	120	7	Orange	314	40	Windsor	1078	60
Fairfield	2001	294	Oxford	252	15	Windsor Locks	302	13
Farmington	490	43	Plainfield	359	6	Wolcott	586	41
Franklin	57	0	Plainville	502	32	Woodbridge	222	27
Glastonbury	641	47	Plymouth	269	21	Woodbury	193	12
Goshen	50	3	Pomfret	63	0	Woodstock	96	2
Granby	135	10	Portland	193	13			
Greenwich	1627	126	Preston	86	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](#)

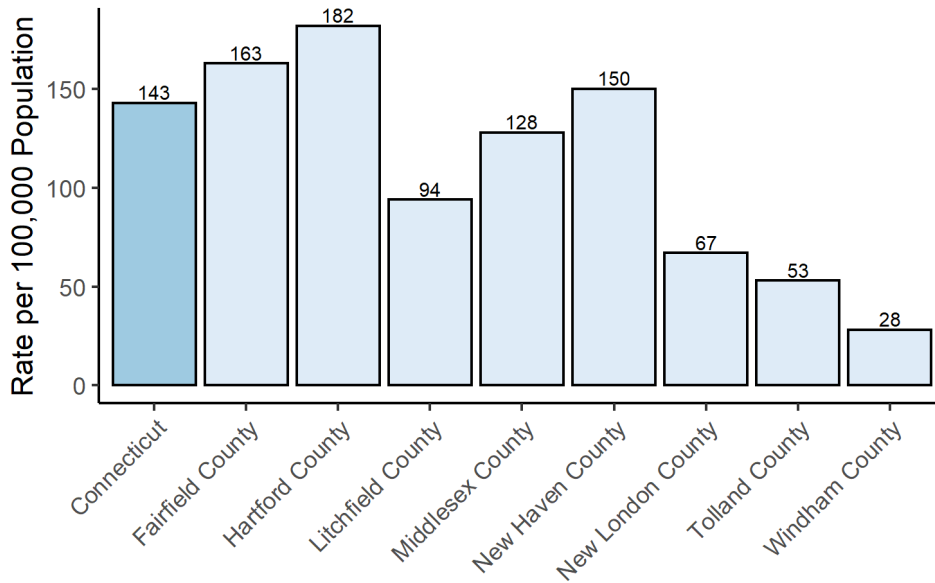
Rate of COVID-19 Cases Statewide and by County

As of 12/02/2020 at 8:30pm



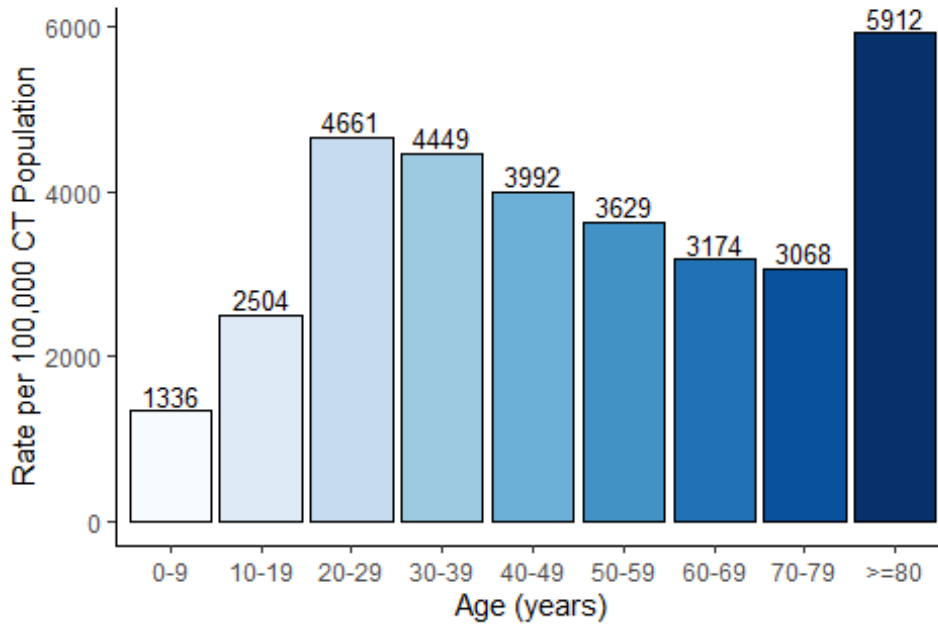
Rate of COVID-19-Associated Deaths Statewide and by County

As of 12/02/2020 at 8:30pm



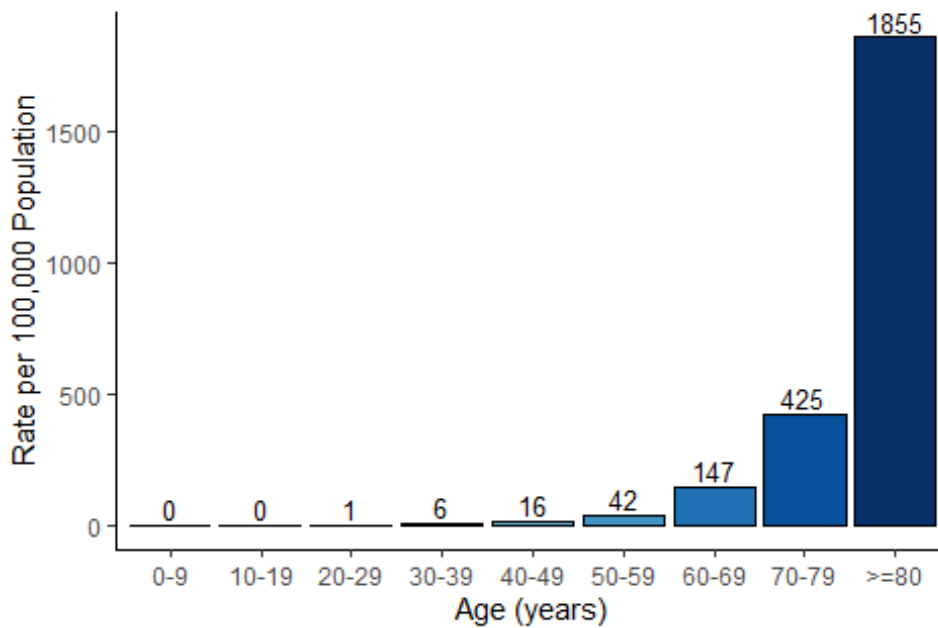
Rate of COVID-19 Cases by Age Group

As of 12/02/2020 at 8:30pm



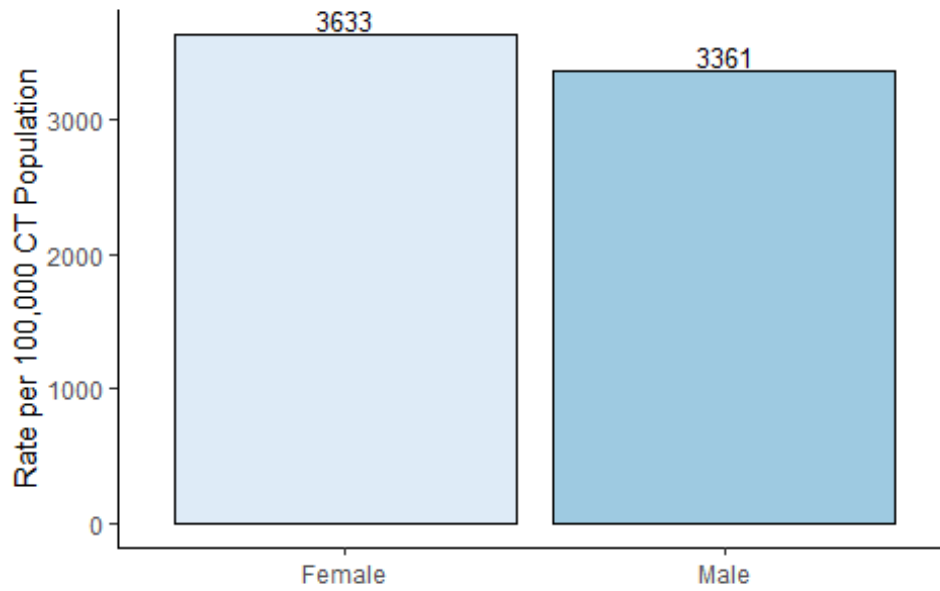
Rate of COVID-19-Associated Deaths by Age Group

As of 12/02/2020 at 8:30pm



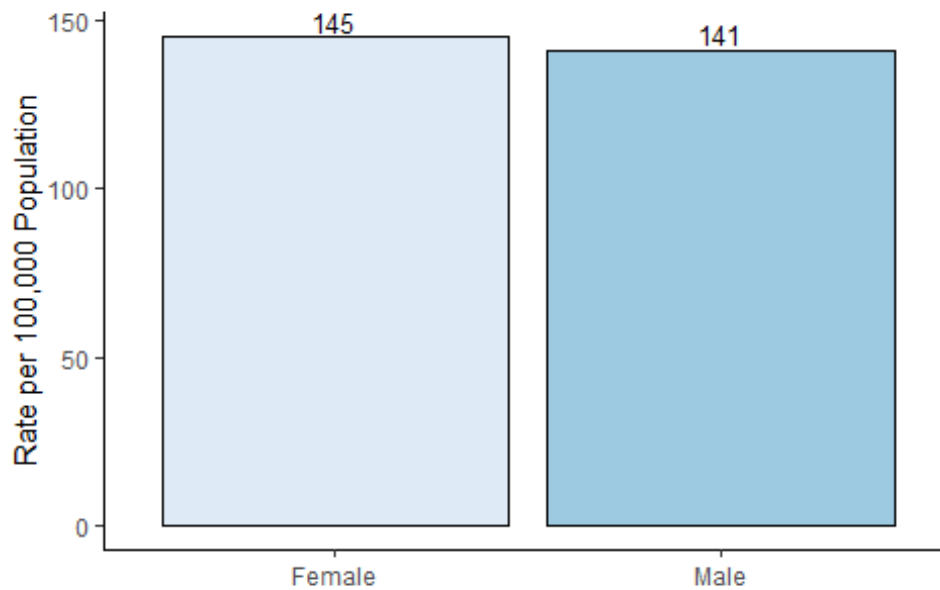
Rate of COVID-19 Cases by Gender

As of 12/02/2020 at 8:30pm



Rate of COVID-19-Associated Deaths by Gender

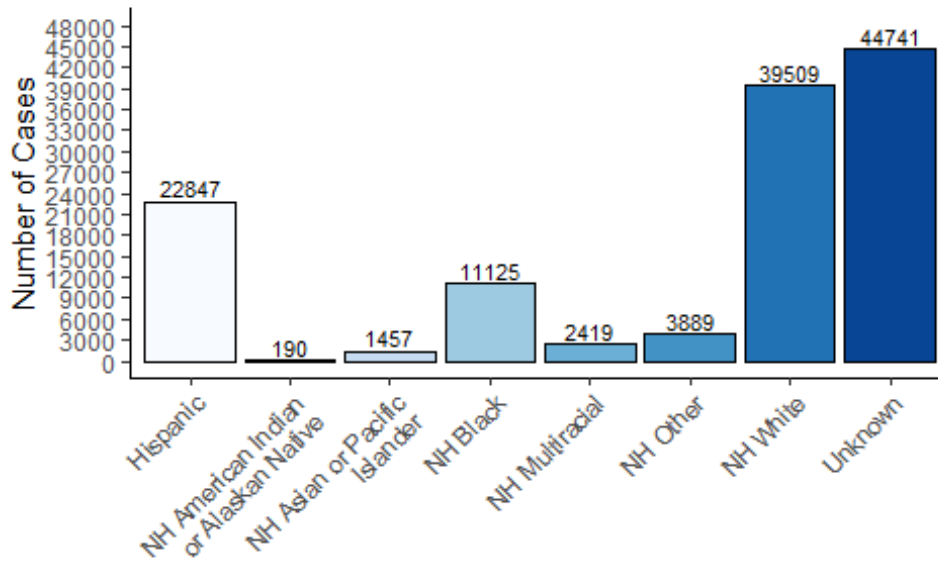
As of 12/02/2020 at 8:30pm



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

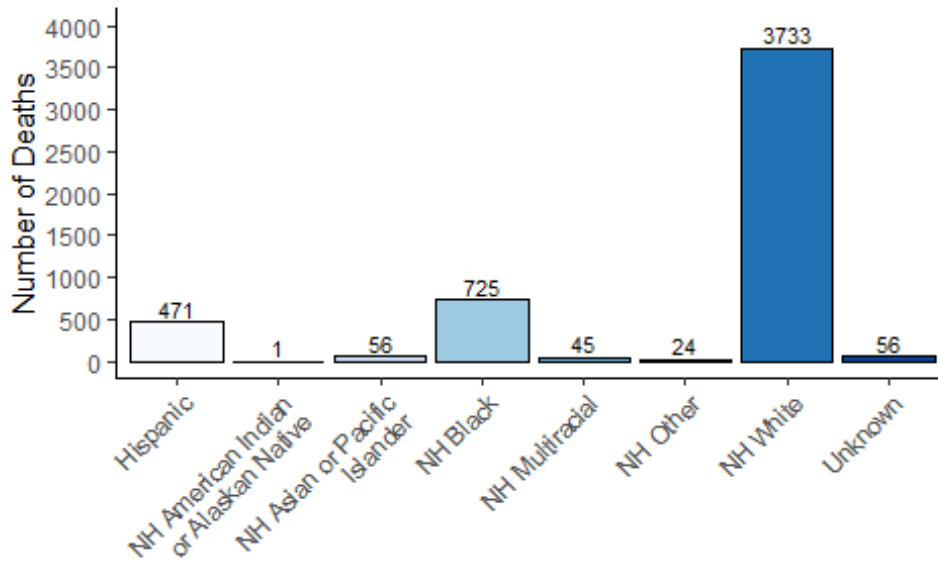
Number of COVID-19 Cases by Race\Ethnicity

As of 12/02/2020 at 8:30pm



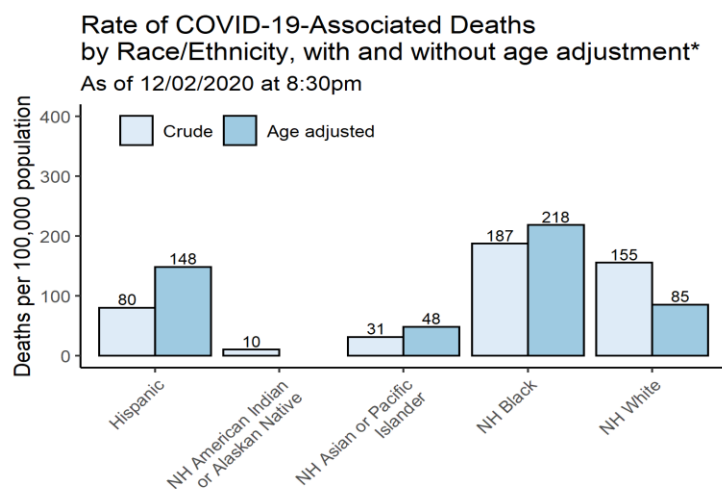
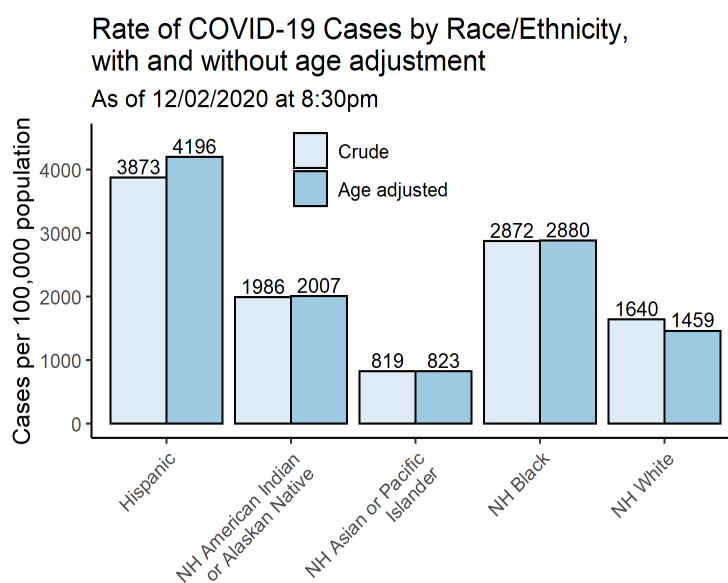
Number of COVID-19-Associated Deaths by Race\Ethnicity

As of 12/02/2020 at 8:30pm



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*