

COVID-19 Update December 10, 2020

As of **December 09, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **142979**, including **134286** laboratory-confirmed and **8693** probable cases. **One thousand two hundred fourteen** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **5327** 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)	142979	+2431
COVID-19 Tests Reported (molecular and antigen)	3631852	+36659
Daily Test Positivity		6.63%
Patients Currently Hospitalized with COVID-19	1214	-48
COVID-19-Associated Deaths	5327	+42

*Includes confirmed plus probable cases

COVID-19 Cases and Associated Deaths by County of Residence as of 12/09/20 8:30pm.

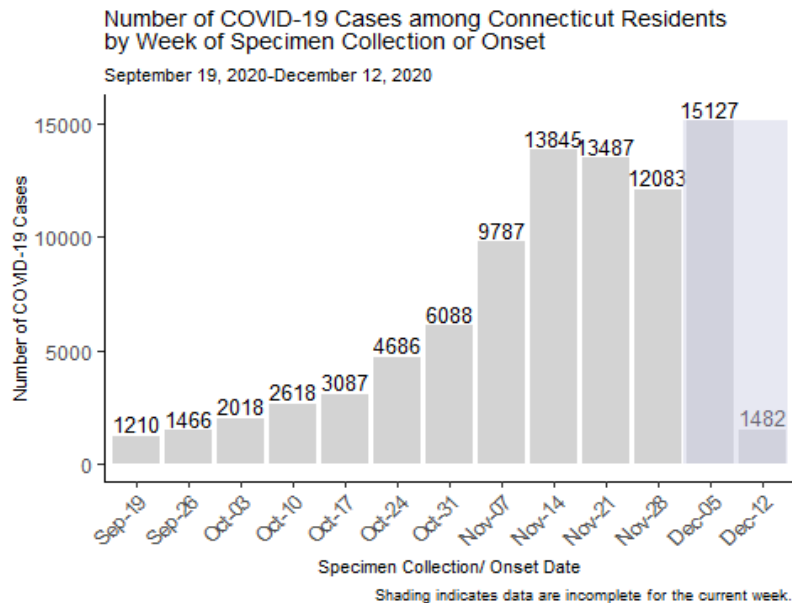
County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	42213	3296	1240	341
Hartford County	33535	1710	1334	340
Litchfield County	5335	375	164	22
Middlesex County	4379	241	170	45
New Haven County	33874	2480	1152	199
New London County	7303	182	135	55
Tolland County	3387	280	72	17
Windham County	3316	50	35	5
Pending address validation	944	79	1	0
Total	134286	8693	4303	1024

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

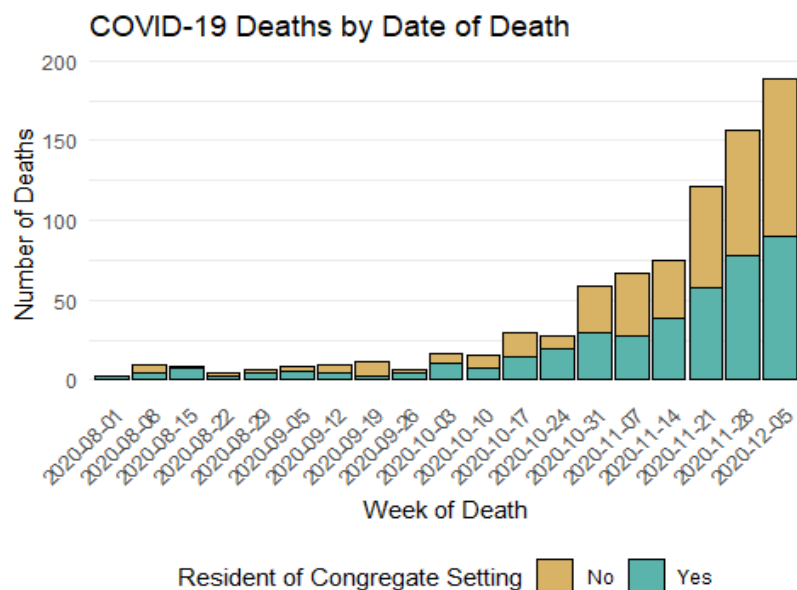
Day-to-day changes reflect newly reported cases, deaths, and tests that occurred over the last several days to week. All data in this report are preliminary; data for previous dates will be updated as new reports are received and data errors are corrected. Hospitalization data were collected by the Connecticut 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 22-December 05), there were 27,210 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.

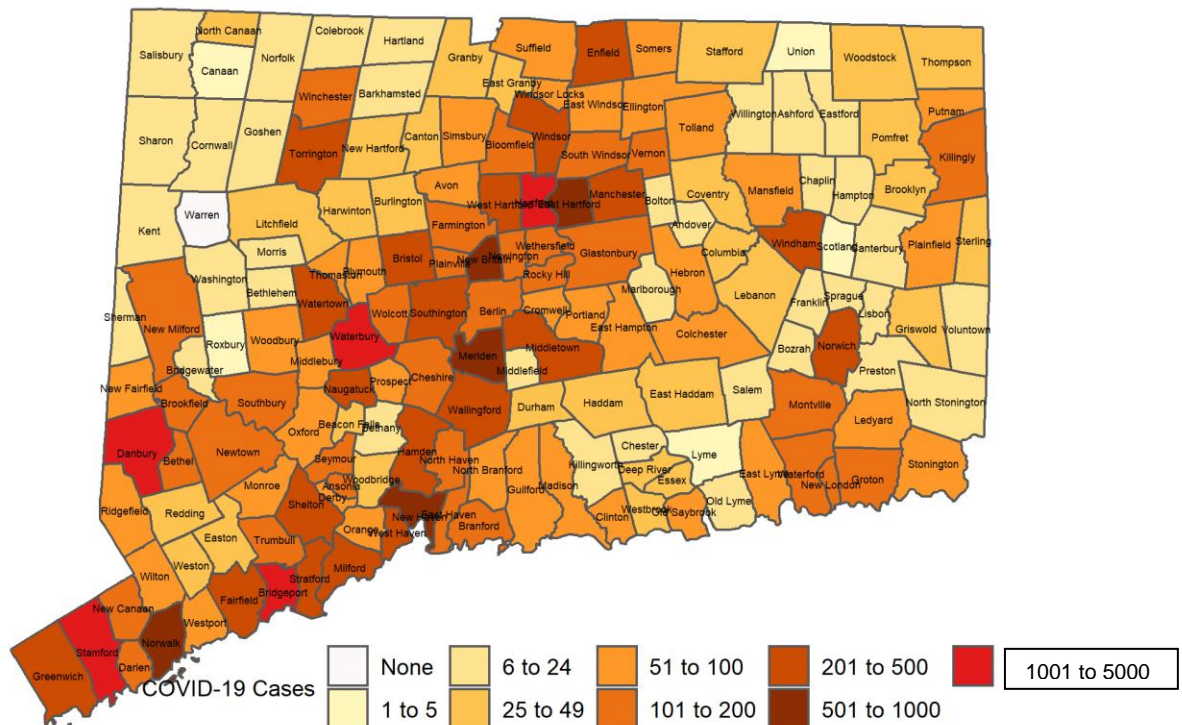


Community Transmission of COVID-19

Among 27,210 new COVID-19 cases with specimen collection or onset date during November 22-December 05, there were 26,524 cases among people living in community settings, as shown in the map below. This corresponds to an average of 53.03 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 61 towns.

Number of COVID-19 Cases among People Living in Community Settings by Town with Specimen Collection or Onset Date During November 22-December 05

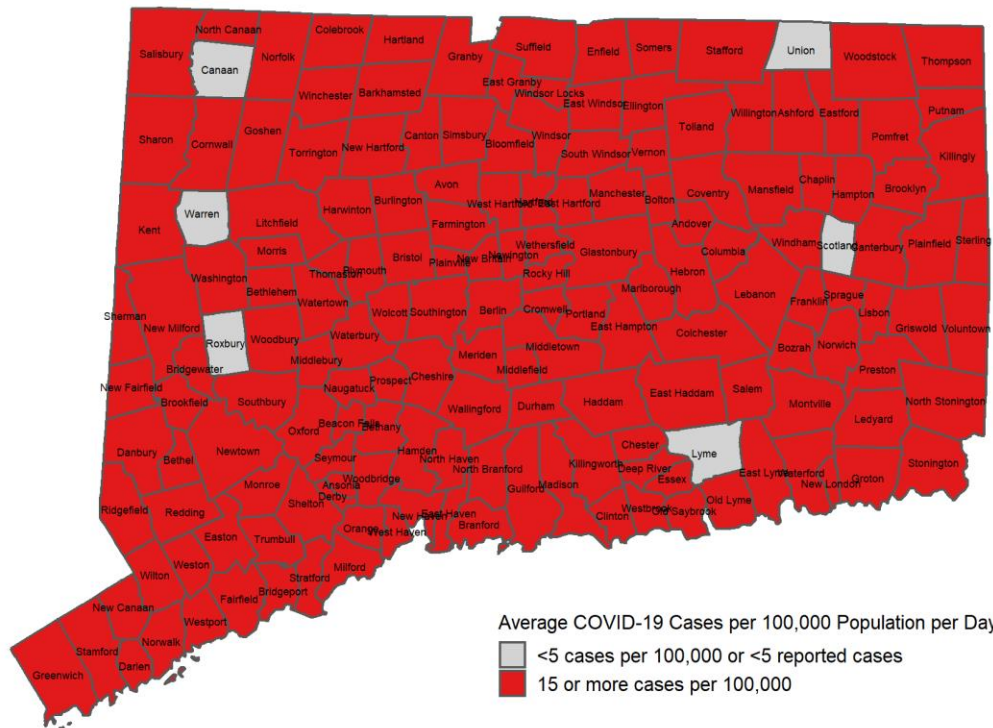


Map does not include 493 cases pending address validation

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 22-December 05, 163 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 22-December 05



Map does not include 493 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 22-December 05, 2020

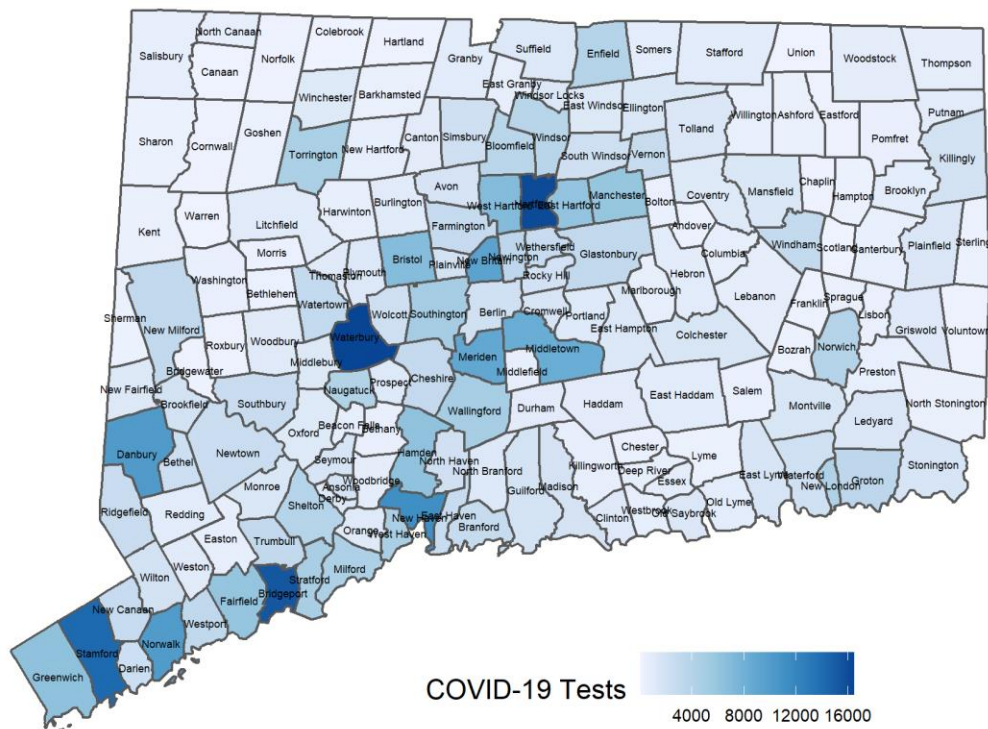
Map does not include 493 cases pending address validation

Town	Population	Cases	Rate	Town	Population	Cases	Rate	Town	Population	Cases	Rate
Andover	3231	19	42.0	Griswold	11591	49	30.2	Prospect	9790	94	68.6
Ansonia	18721	168	64.1	Groton	38692	151	27.9	Putnam	9395	60	45.6
Ashford	4261	14	23.5	Guilford	22216	81	26.0	Redding	9125	44	34.4
Avon	18302	62	24.2	Haddam	8222	30	26.1	Ridgefield	25008	94	26.8
Barkhamsted	3624	12	23.7	Hamden	60940	294	34.5	Rocky Hill	20145	105	37.2
Beacon Falls	6182	30	34.7	Hampton	1853	14	54.0	Roxbury	2160	4	13.2
Berlin	20432	132	46.1	Hartford	122587	1427	83.1	Salem	4123	12	20.8
Bethany	5479	24	31.3	Hartland	2120	9	30.3	Salisbury	3598	16	31.8
Bethel	19714	186	67.4	Harwinton	5430	27	35.5	Scotland	1685	4	17
Bethlehem	3422	18	37.6	Hebron	9482	53	39.9	Seymour	16509	107	46.3
Bloomfield	21301	139	46.6	Kent	2785	14	35.9	Sharon	2703	8	21.1
Bolton	4890	20	29.2	Killingly	17287	133	55.0	Shelton	41097	285	49.5
Bozrah	2537	10	28.2	Killingworth	6370	21	23.5	Sherman	3614	20	39.5
Branford	28005	159	40.6	Lebanon	7207	35	34.7	Simsbury	24979	83	23.7
Bridgeport	144900	1533	75.6	Ledyard	14736	65	31.5	Somers	10834	56	36.9
Bridgewater	1641	10	43.5	Lisbon	4248	18	30.3	South Windsor	26054	130	35.6
Bristol	60032	489	58.2	Litchfield	8127	30	26.4	Southbury	19656	108	39.2
Brookfield	17002	161	67.6	Lyme	2338	4	12.2	Southington	43807	284	46.3
Brooklyn	8280	39	33.6	Madison	18106	69	27.2	Sprague	2889	17	42
Burlington	9665	38	28.1	Manchester	57699	408	50.5	Stafford	11884	35	21
Canaan	1055	2	13.5	Mansfield	25817	58	16.0	Stamford	129775	1228	67.6
Canterbury	5100	17	23.8	Marlborough	6358	19	21.3	Sterling	3780	36	68
Canton	10270	30	20.9	Meriden	59540	748	89.7	Stonington	18449	65	25.2
Chaplin	2256	9	28.5	Middlebury	7731	68	62.8	Stratford	51967	358	49.2
Cheshire	29179	144	35.3	Middlefield	4380	24	39.1	Suffield	15743	81	36.8
Chester	4229	11	18.6	Middletown	46146	298	46.1	Thomaston	7560	87	82.2
Clinton	12950	65	35.9	Milford	54661	311	40.6	Thompson	9395	42	31.9
Colchester	15936	82	36.8	Monroe	19470	93	34.1	Tolland	14655	79	38.5
Colebrook	1405	10	50.8	Montville	18716	115	43.9	Torrington	34228	330	68.9
Columbia	5385	29	38.5	Morris	2262	22	69.5	Trumbull	35802	191	38.1
Cornwall	1368	9	47.0	Naugatuck	31288	313	71.5	Union	840	4	34
Coventry	12414	36	20.7	New Britain	72453	941	92.8	Vernon	29303	146	35.6
Cromwell	13905	90	46.2	New Canaan	20213	117	41.3	Voluntown	2535	10	28.2
Danbury	84730	1219	102.8	New Fairfield	13877	93	47.9	Wallingford	44535	352	56.5
Darien	21753	102	33.5	New Hartford	6685	35	37.4	Warren	1399	0	0
Deep River	4463	33	52.8	New Haven	130418	756	41.4	Washington	3434	14	29.1
Derby	12515	97	55.4	New London	26939	200	53.0	Waterbury	108093	1695	112
Durham	7195	36	35.7	New Milford	26974	168	44.5	Waterford	18887	114	43.1
East Granby	5147	26	36.1	Newington	30112	200	47.4	Watertown	21641	256	84.5
East Haddam	8988	29	23.0	Newtown	27774	117	30.1	West Hartford	62939	383	43.5
East Hampton	12854	61	33.9	Norfolk	1640	13	56.6	West Haven	54879	329	42.8
East Hartford	49998	550	78.6	North Branford	14158	66	33.3	Westbrook	6914	45	46.5
East Haven	28699	185	46.0	North Canaan	3254	27	59.3	Weston	10247	45	31.4
East Lyme	18645	81	31.0	North Haven	23691	150	45.2	Westport	28115	96	24.4
East Windsor	11375	74	46.5	North Stonington	5243	12	16.3	Wethersfield	26082	171	46.8
Eastford	1790	6	23.9	Norwalk	89047	760	61.0	Willington	5887	15	18.2
Easton	7517	34	32.3	Norwich	39136	209	38.1	Wilton	18397	74	28.7
Ellington	16299	88	38.6	Old Lyme	7366	19	18.4	Winchester	10655	110	73.7
Enfield	44466	279	44.8	Old Saybrook	10087	68	48.2	Windham	24706	270	78.1
Essex	6674	34	36.4	Orange	13949	65	33.3	Windsor	28760	217	53.9
Fairfield	61952	319	36.8	Oxford	13226	88	47.5	Windsor Locks	12876	56	31.1
Farmington	25506	120	33.6	Plainfield	15173	94	44.3	Wolcott	16649	192	82.4
Franklin	1933	20	73.9	Plainville	17623	139	56.3	Woodbridge	8805	32	26
Glastonbury	34491	165	34.2	Plymouth	11645	95	58.3	Woodbury	9537	73	54.7
Goshen	2879	15	37.2	Pomfret	4204	29	49.3	Woodstock	7862	35	31.8
Granby	11375	31	19.5	Portland	9305	63	48.4				
Greenwich	62727	289	32.9	Preston	4638	20	30.8				

COVID-19 Molecular and Antigen Tests during November 22-December 05

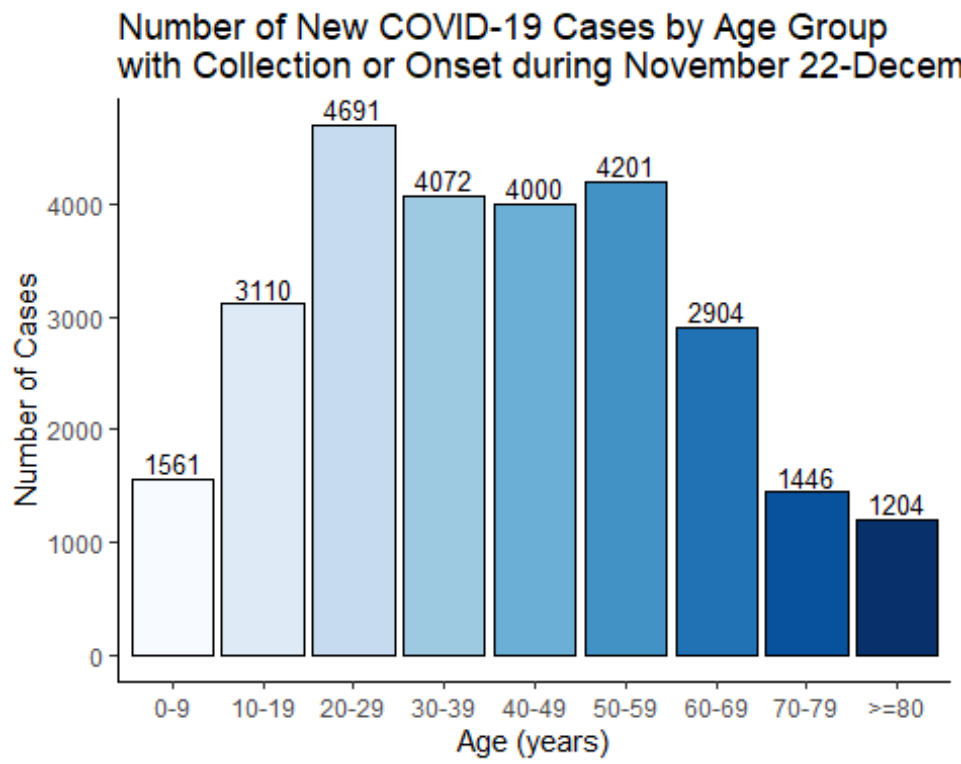
Among 428,493 molecular and antigen tests for COVID-19 with specimen collection date during November 22-December 05, 390,173 (91%) tests were conducted among people who did not reside in congregate settings (including nursing homes, assisted living, and correctional facilities). Of these 390,173 tests, 31,315 (8%) were positive. The map below shows the number of molecular and antigen COVID-19 tests by town with specimen collection date during November 22-December 05 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 22-December 05



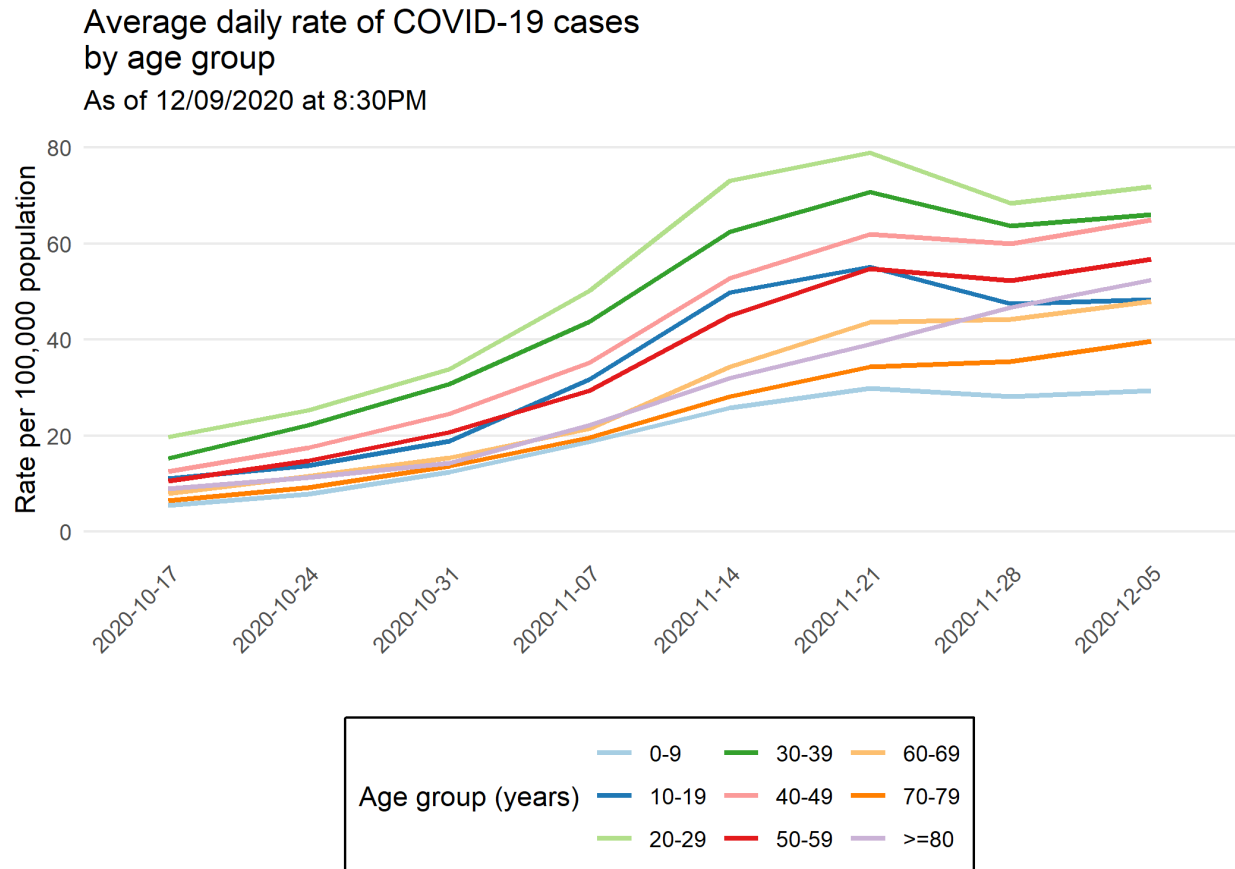
Map does not include tests pending address validation

Age Distribution of COVID-19 Cases with Specimen Collection or Onset During November 22-December 05, 2020



Average Daily Incidence by Age Group

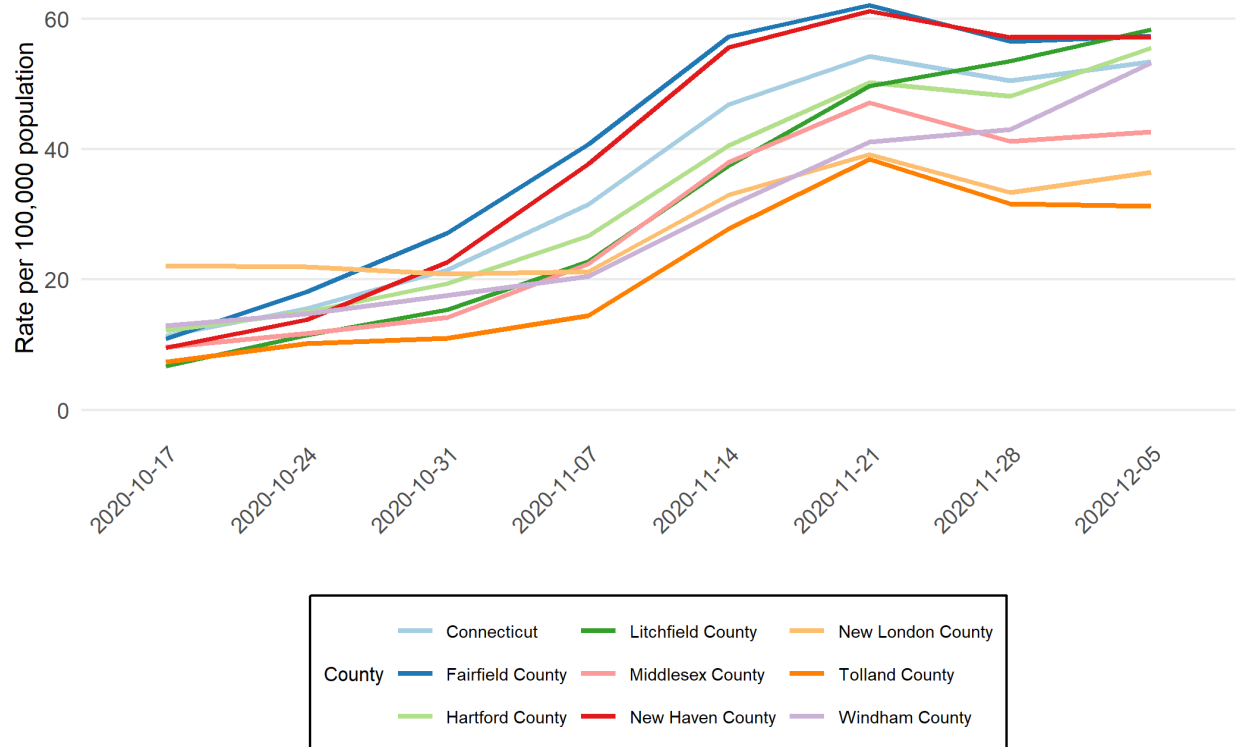
The chart below shows the average number of new COVID-19 cases per day per 100,000 population by age group. The rates in this chart are calculated by averaging the number of new cases diagnosed each day during the previous two weeks, dividing by the annual population in each age group, and then multiplying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



Average Daily Incidence by County

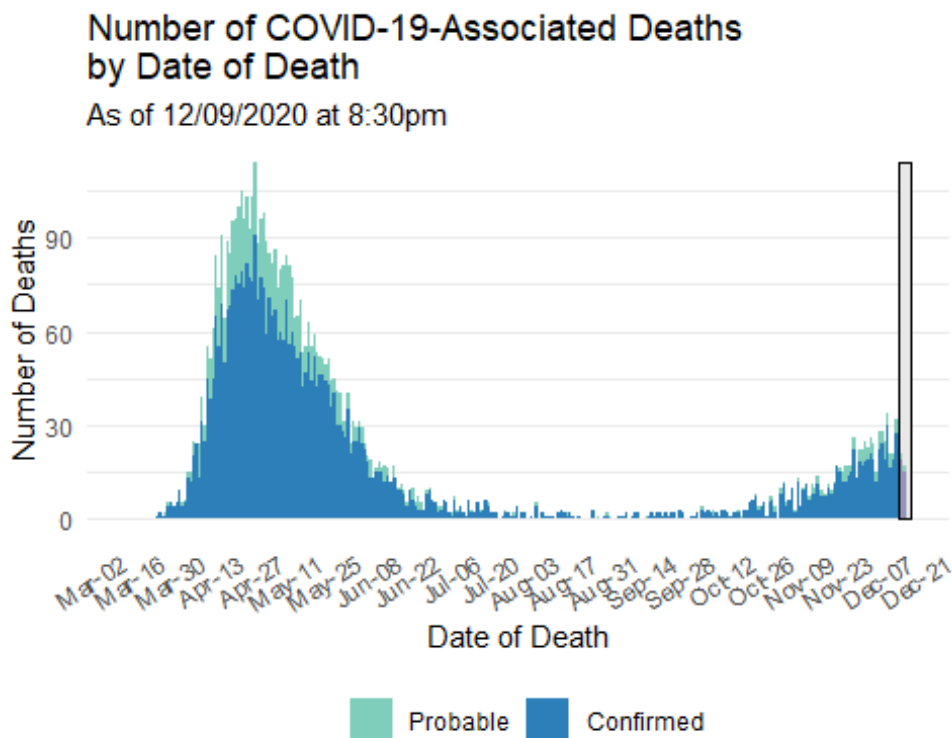
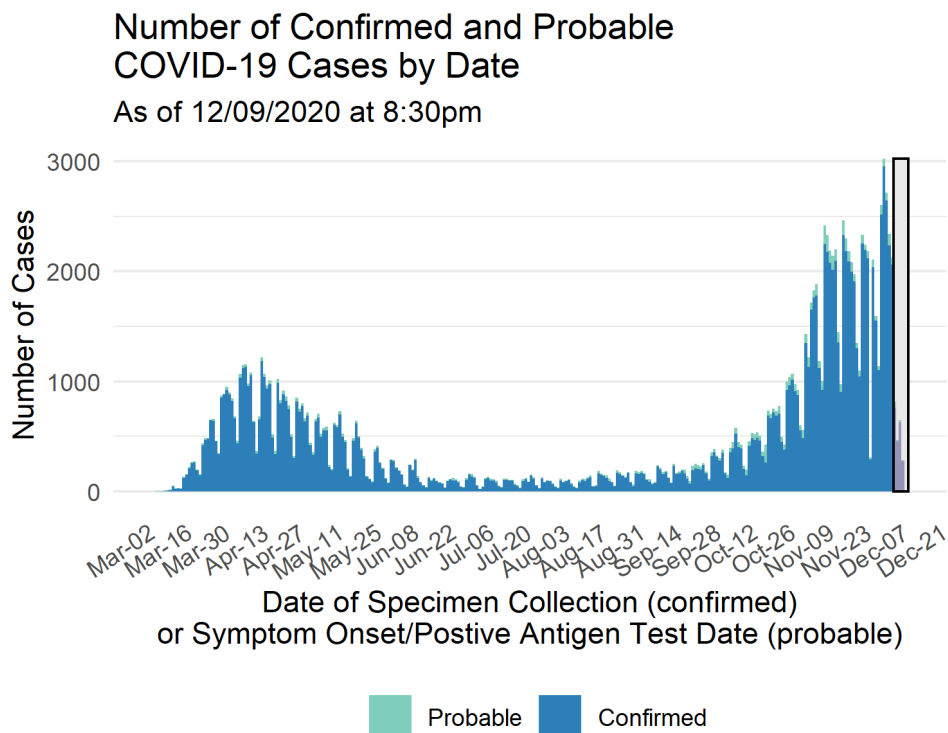
The chart below shows the average number of new COVID-19 cases per day per 100,000 population in the state of Connecticut and for each Connecticut county. The rates in this chart are calculated by averaging the number of new cases diagnosed each day during the previous two weeks, dividing by the annual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

Average daily rates of COVID-19 cases by county
As of 12/09/2020 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.

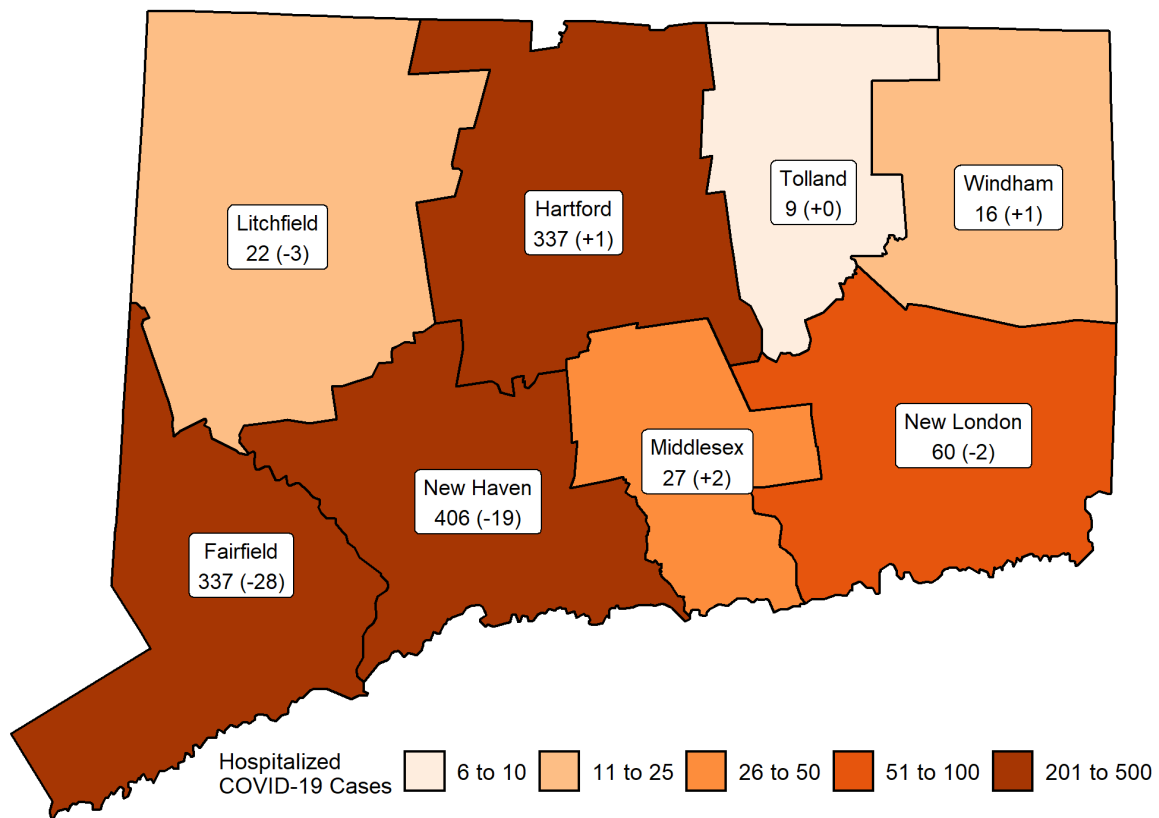


Hospitalization Surveillance

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

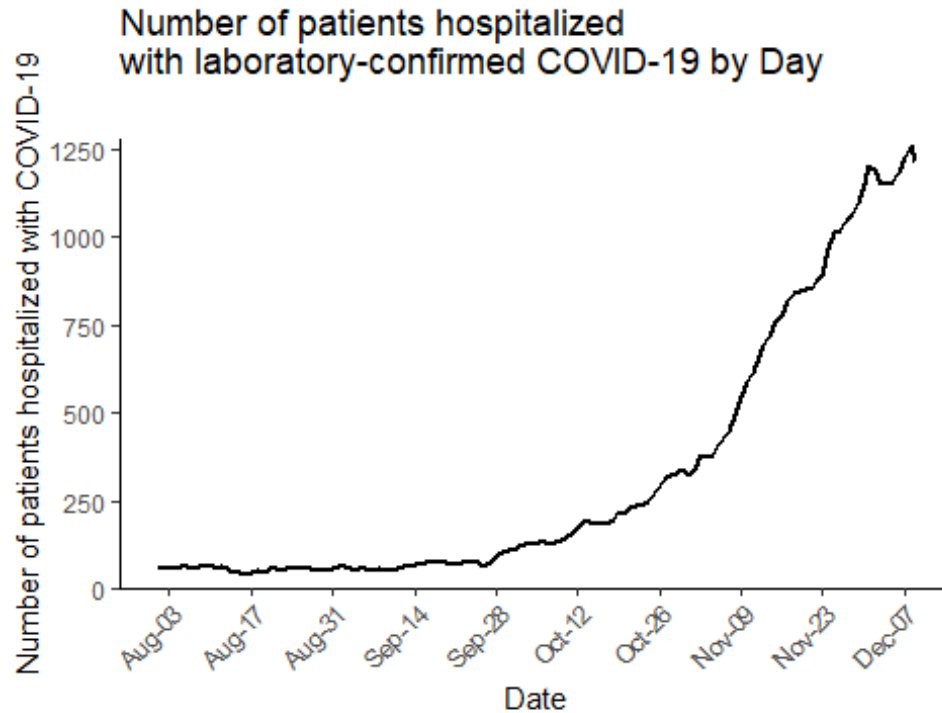
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



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

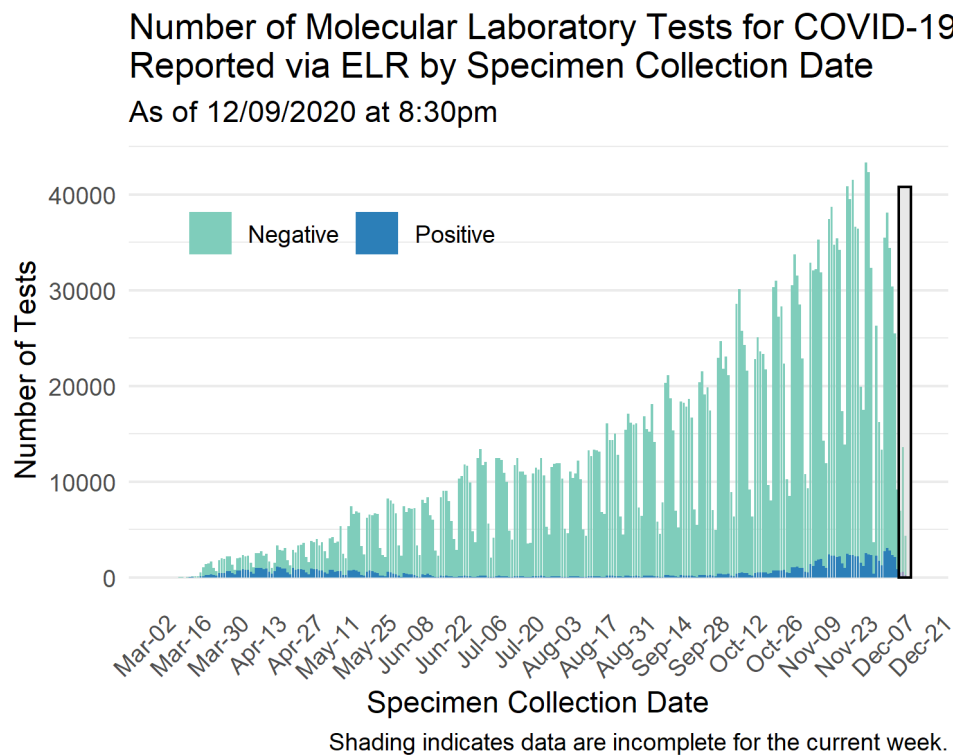


Laboratory Surveillance

Molecular Tests

To date, DPH has received reports on a total of 3554522 molecular COVID-19 laboratory tests; of these 3196437 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.



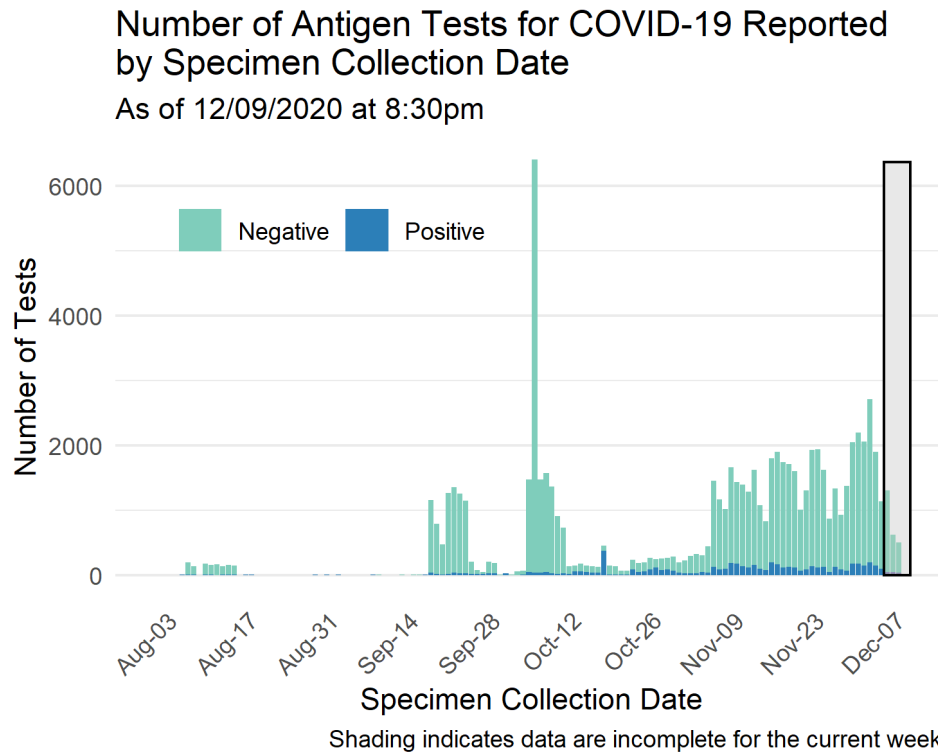
Testing of recently collected specimens is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

ELR = Electronic Laboratory Reporting

Antigen Tests

To date, DPH has received reports on a total of 77330 COVID-19 antigen laboratory tests. The chart below shows the number of antigen tests reported to DPH by specimen collection date and test result.

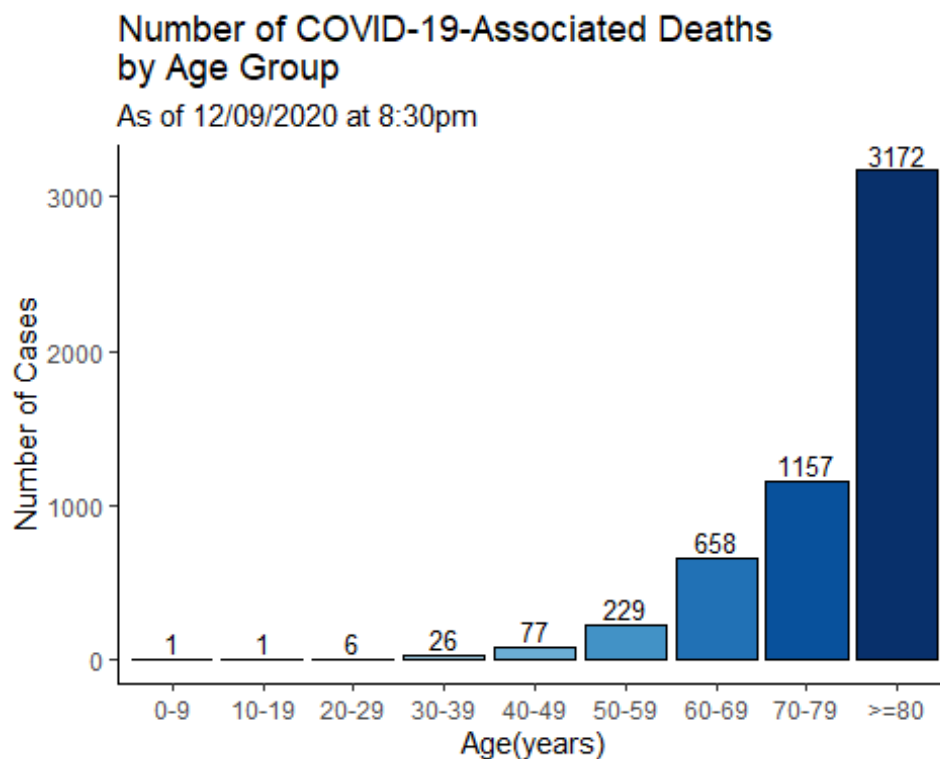
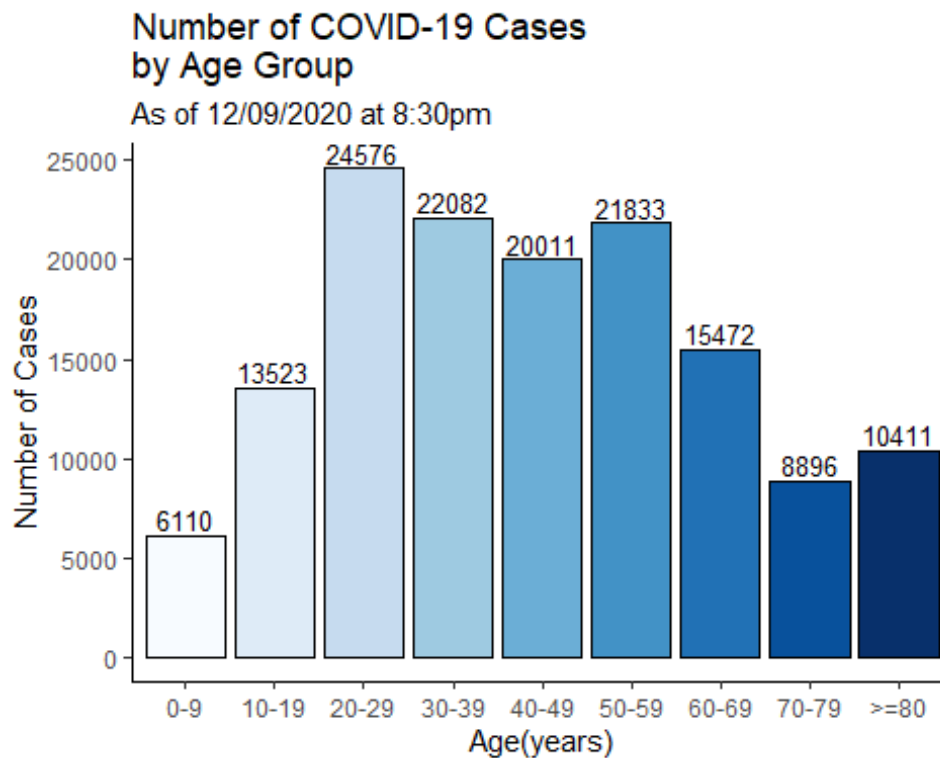
Test results may be reported several days after specimen collection. Data are incomplete for most recent dates shaded in grey. Data for previous dates are routinely updated.



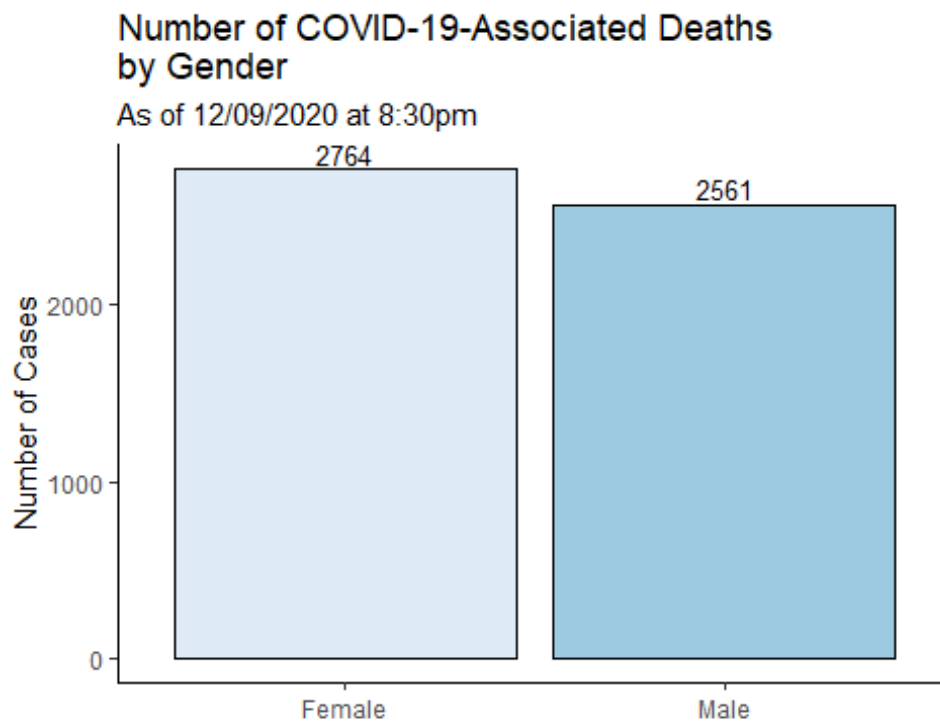
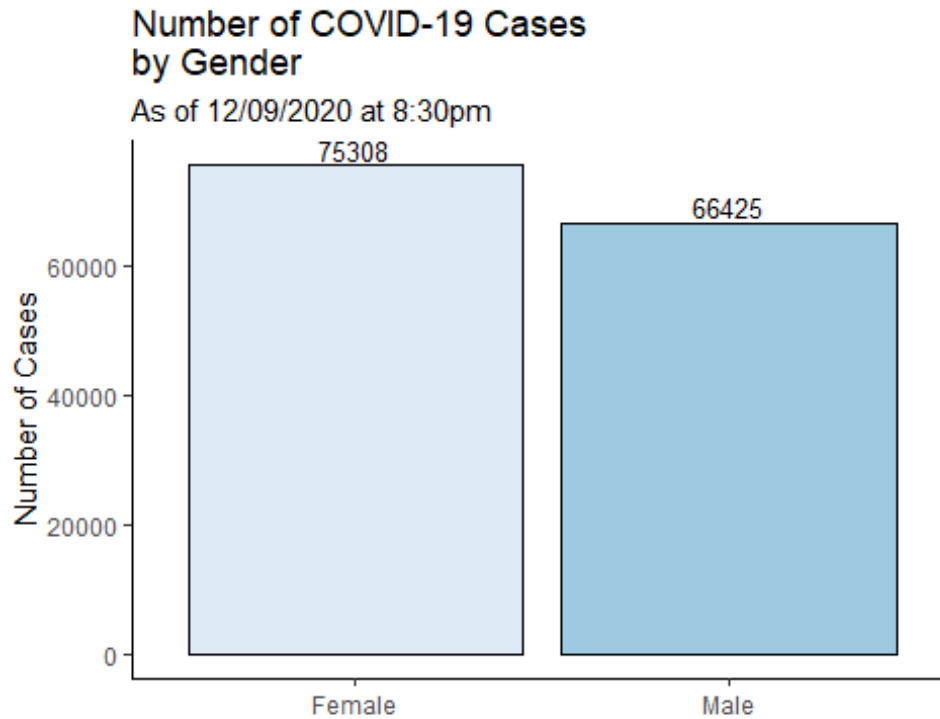
Testing of recently collected specimens is ongoing and does not reflect a decrease in testing.

Characteristics of COVID-19 Cases and Associated Deaths

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

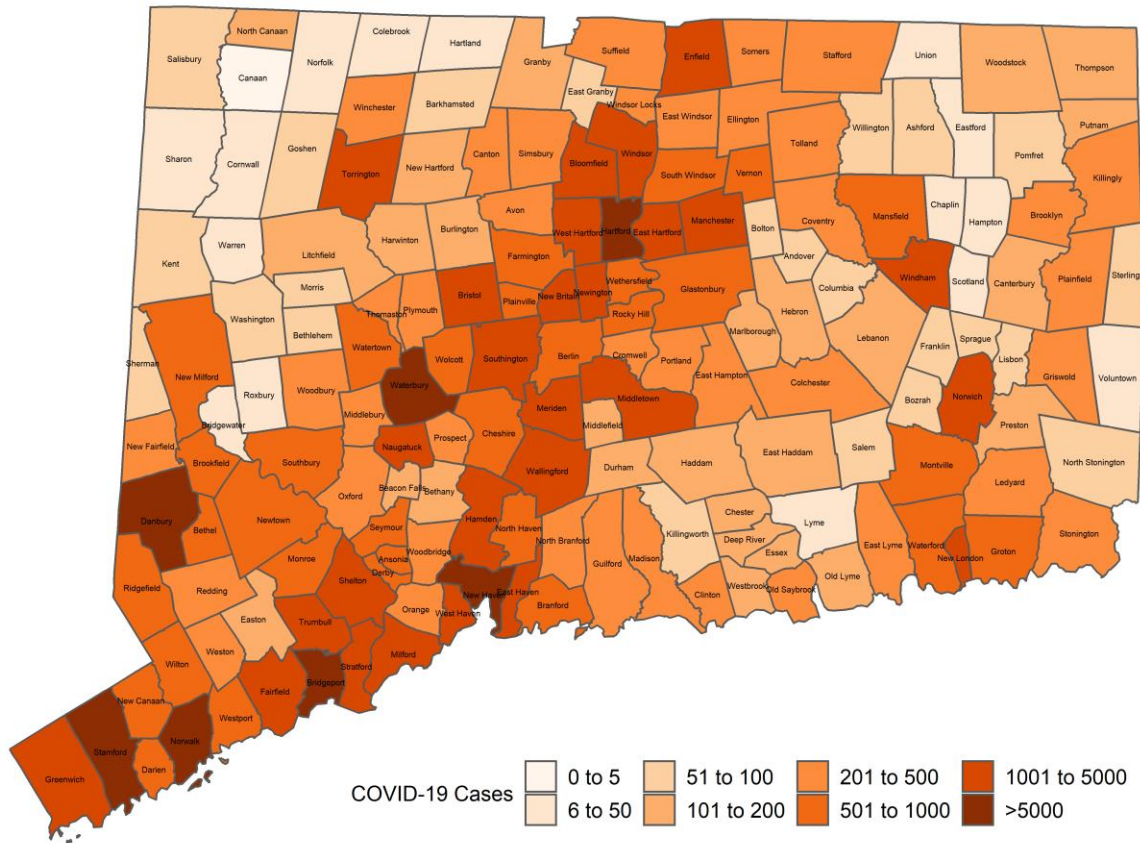


Counts may not add up to total case count because demographic data may be missing.



Cumulative Number of COVID-19 Cases by Town

Map does not include 1023 cases pending address validation

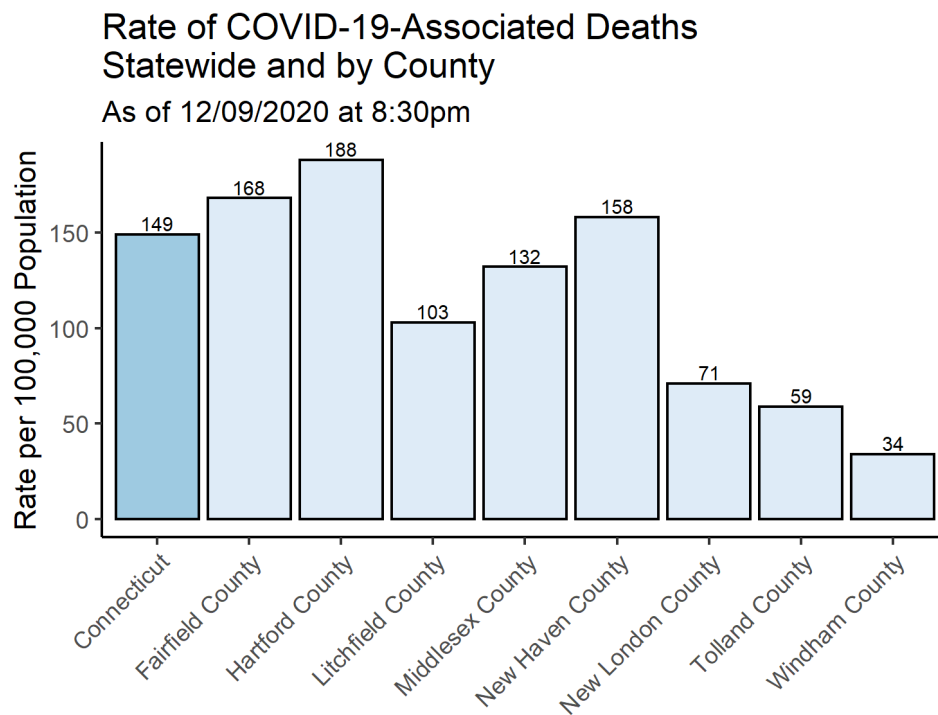
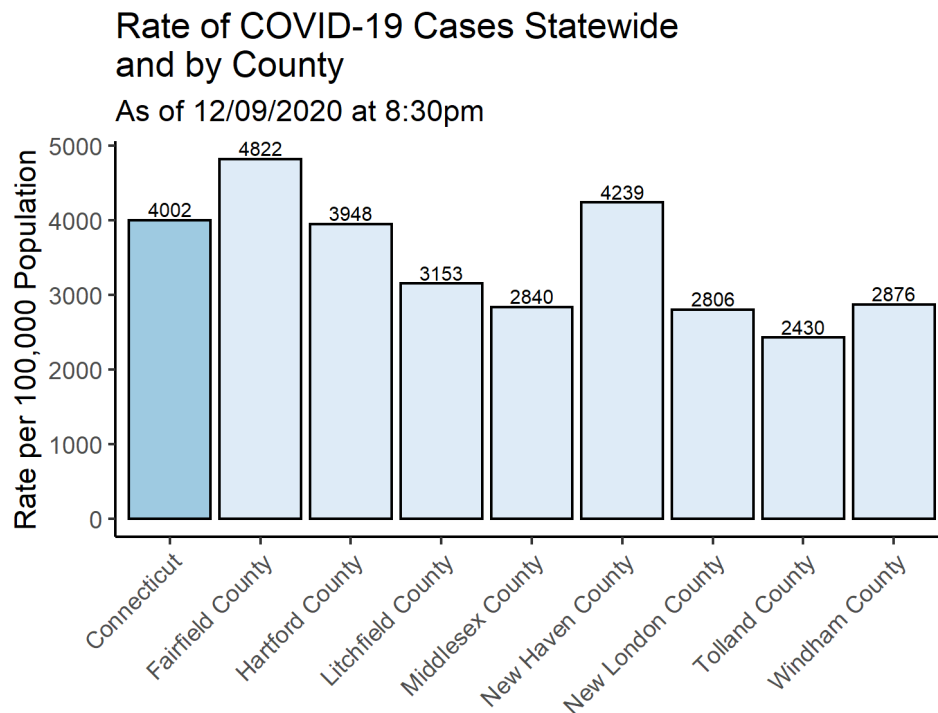


APPENDIX A. Cumulative Number of COVID-19 Cases by Town

Table does not include 1023 cases pending address validation

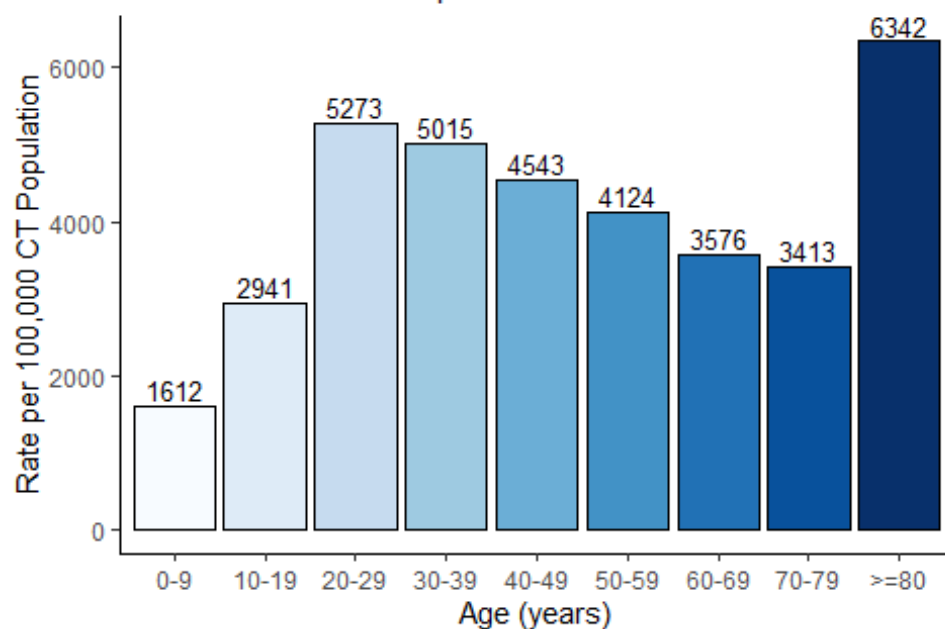
Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	50	3	Griswold	273	3	Prospect	356	20
Ansonia	816	62	Groton	877	34	Putnam	180	4
Ashford	57	3	Guilford	365	34	Redding	187	18
Avon	417	21	Haddam	171	5	Ridgefield	515	60
Barkhamsted	65	3	Hamden	2302	172	Rocky Hill	781	37
Beacon Falls	184	10	Hampton	43	0	Roxbury	31	5
Berlin	569	36	Hartford	7587	245	Salem	74	0
Bethany	134	9	Hartland	20	0	Salisbury	60	2
Bethel	734	85	Harwinton	97	8	Scotland	6	0
Bethlehem	67	6	Hebron	177	10	Seymour	634	41
Bloomfield	981	49	Kent	48	11	Sharon	38	0
Bolton	76	6	Killingly	489	8	Shelton	1562	128
Bozrah	51	0	Killingworth	99	1	Sherman	51	16
Branford	809	86	Lebanon	138	4	Simsbury	368	33
Bridgeport	9317	529	Ledyard	311	3	Somers	432	44
Bridgewater	32	5	Lisbon	84	1	South Windsor	591	27
Bristol	2103	110	Litchfield	159	11	Southbury	499	28
Brookfield	540	68	Lyme	26	2	Southington	1205	107
Brooklyn	300	6	Madison	379	27	Sprague	79	1
Burlington	167	5	Manchester	1886	118	Stafford	217	14
Canaan	5	0	Mansfield	646	86	Stamford	7051	349
Canterbury	100	1	Marlborough	185	12	Sterling	85	2
Canton	190	11	Meriden	3137	165	Stonington	270	10
Chaplin	38	2	Middlebury	232	19	Stratford	2020	177
Cheshire	747	47	Middlefield	95	7	Suffield	436	33
Chester	100	2	Middletown	1706	95	Thomaston	259	25
Clinton	307	10	Milford	1634	169	Thompson	148	4
Colchester	372	20	Monroe	493	36	Tolland	330	25
Colebrook	19	2	Montville	643	14	Torrington	1542	56
Columbia	88	1	Morris	51	1	Trumbull	1247	121
Cornwall	28	0	Naugatuck	1328	79	Union	9	1
Coventry	214	7	New Britain	4033	208	Vernon	750	57
Cromwell	449	28	New Canaan	536	34	Voluntown	46	0
Danbury	5986	610	New Fairfield	347	37	Wallingford	1753	94
Darien	515	48	New Hartford	137	4	Warren	7	2
Deep River	101	9	New Haven	5531	337	Washington	70	2
Derby	507	27	New London	1238	23	Waterbury	6613	460
Durham	173	19	New Milford	732	116	Waterford	616	22
East Granby	77	3	Newington	1091	59	Watertown	863	69
East Haddam	143	6	Newtown	638	64	West Hartford	1932	162
East Hampton	235	14	Norfolk	31	1	West Haven	2201	164
East Hartford	2636	103	North Branford	336	50	Westbrook	153	10
East Haven	985	159	North Canaan	97	4	Weston	215	25
East Lyme	448	23	North Haven	784	82	Westport	722	64
East Windsor	433	22	North Stonington	66	4	Wethersfield	846	39
Eastford	25	1	Norwalk	4941	337	Willington	88	4
Easton	141	12	Norwich	1420	16	Wilton	475	54
Ellington	310	22	Old Lyme	102	0	Winchester	266	5
Enfield	1352	51	Old Saybrook	274	12	Windham	1204	11
Essex	138	8	Orange	345	44	Windsor	1219	62
Fairfield	2168	297	Oxford	300	17	Windsor Locks	339	13
Farmington	577	45	Plainfield	436	6	Wolcott	720	50
Franklin	68	0	Plainville	582	33	Woodbridge	243	28
Glastonbury	758	54	Plymouth	331	22	Woodbury	241	12
Goshen	59	3	Pomfret	79	0	Woodstock	126	2
Granby	174	12	Portland	235	15			
Greenwich	1812	127	Preston	101	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](#)



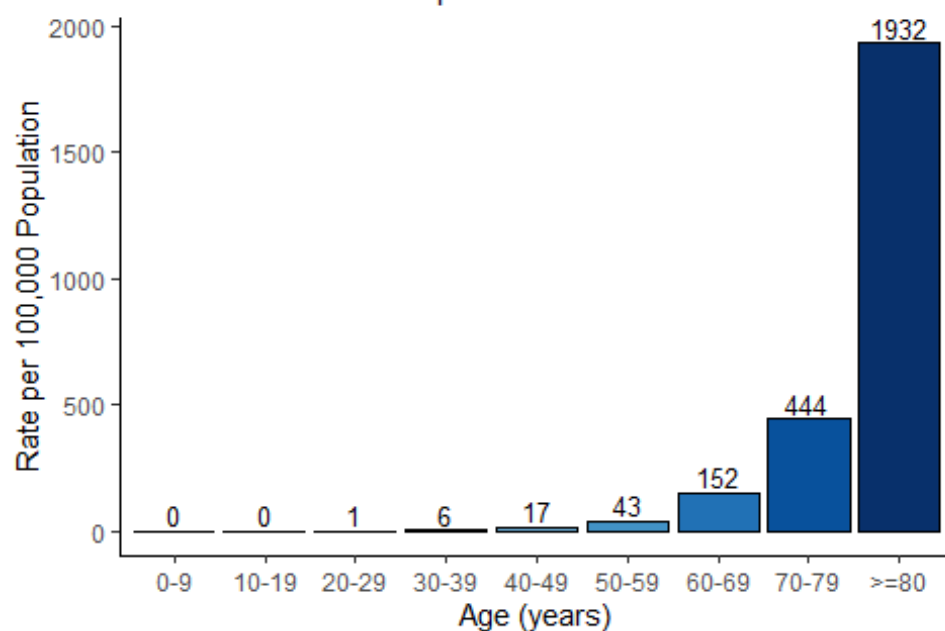
Rate of COVID-19 Cases by Age Group

As of 12/09/2020 at 8:30pm



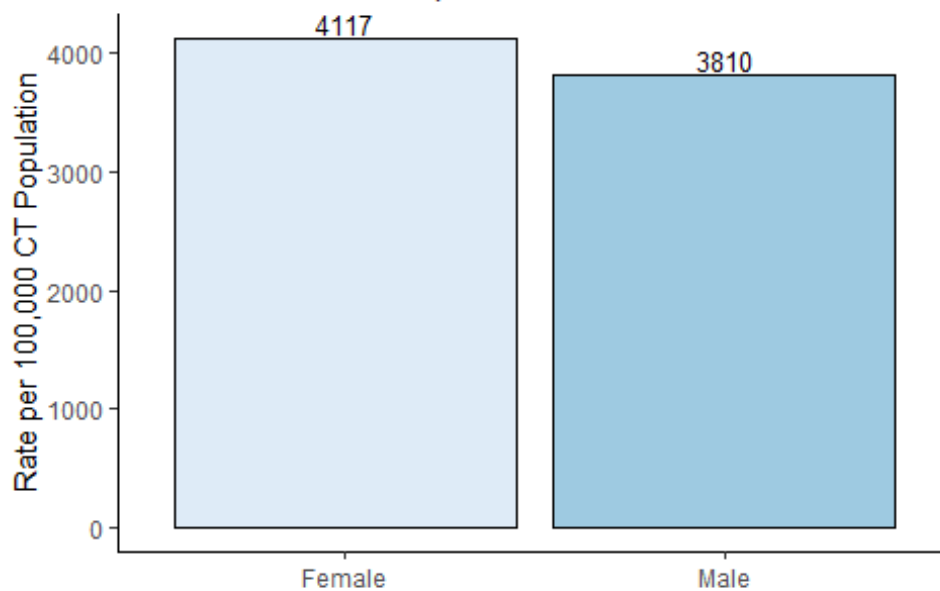
Rate of COVID-19-Associated Deaths by Age Group

As of 12/09/2020 at 8:30pm



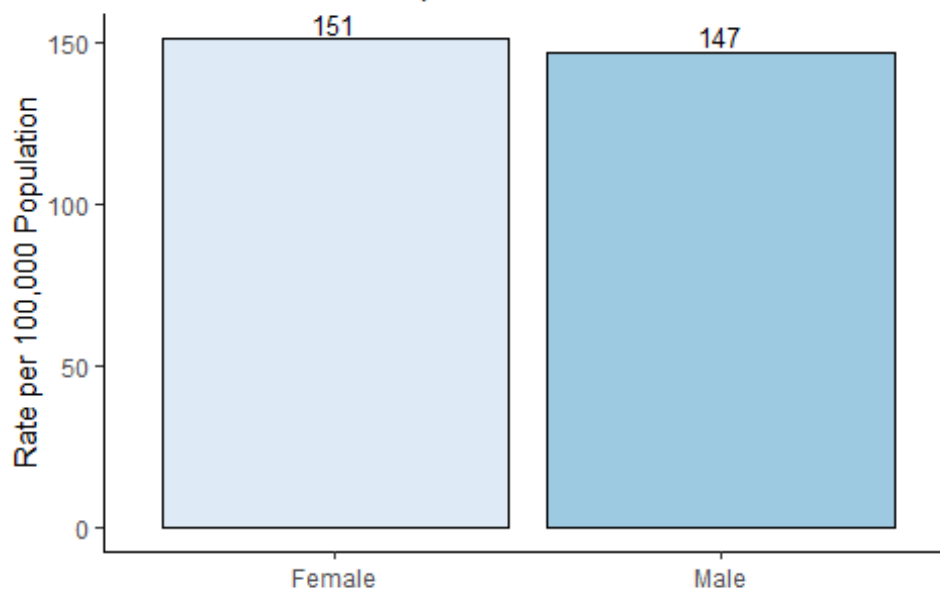
Rate of COVID-19 Cases by Gender

As of 12/09/2020 at 8:30pm

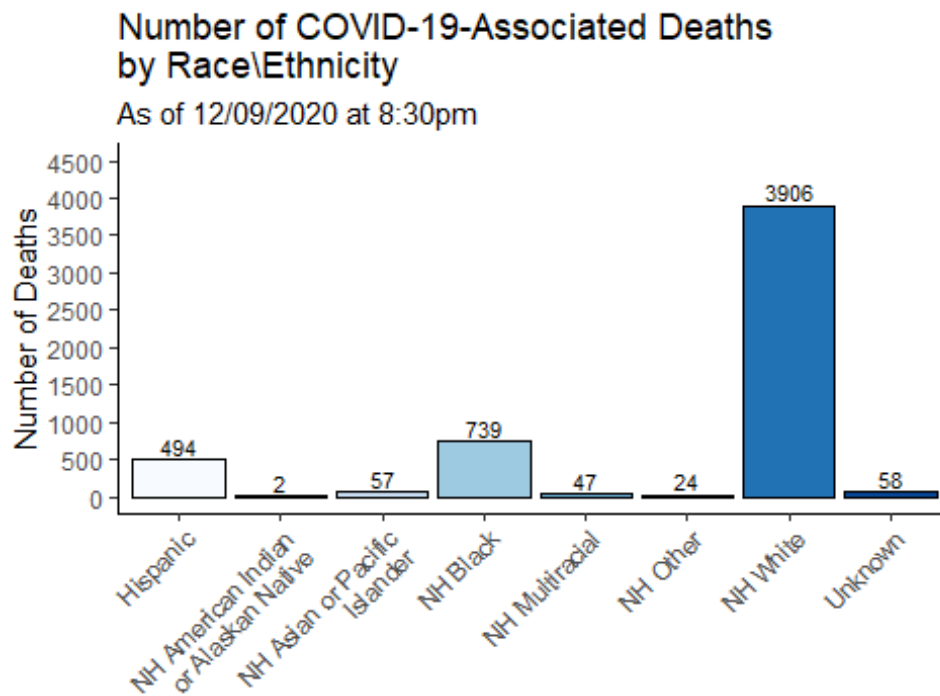
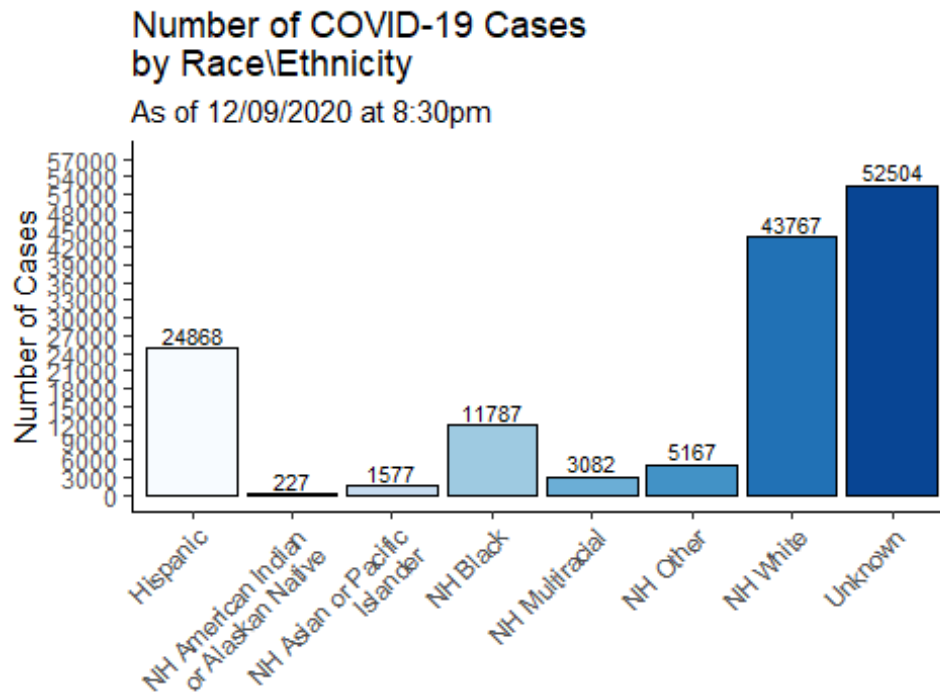


Rate of COVID-19-Associated Deaths by Gender

As of 12/09/2020 at 8:30pm

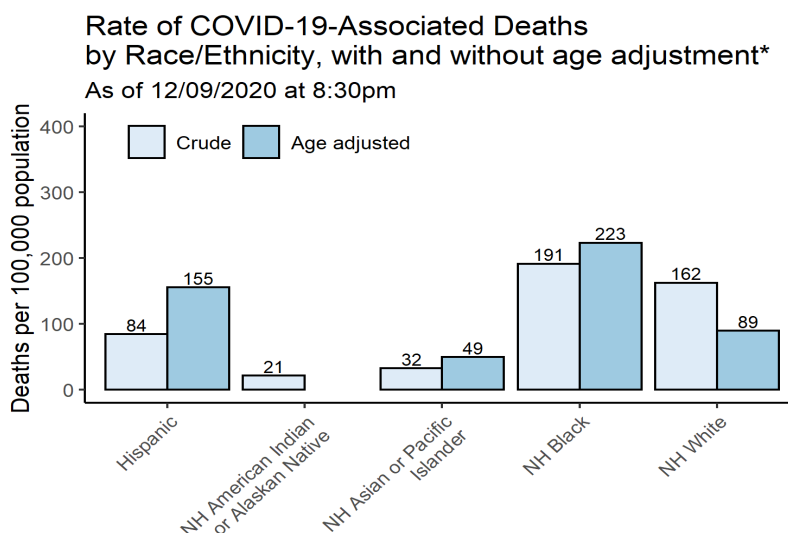
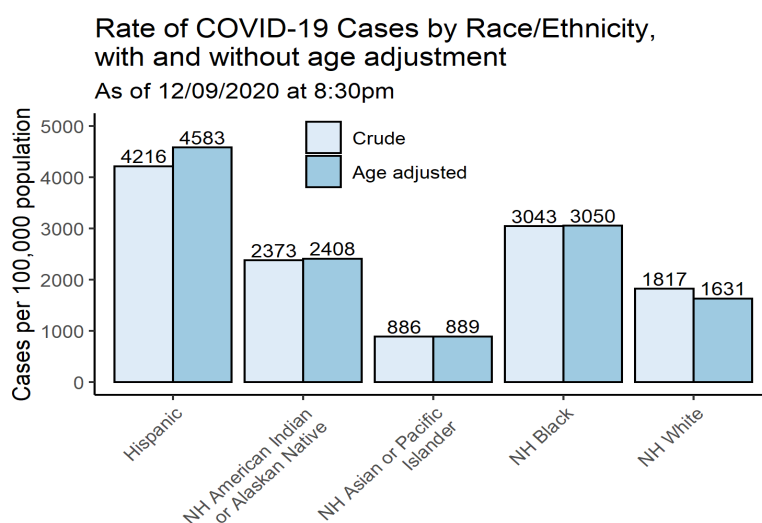


APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. Categories are mutually exclusive. The category “multiracial” includes people who answered ‘yes’ to more than one race category. NH=Non-Hispanic



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*