

COVID-19 Update January 07, 2021

As of **January 06, 2021, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **202758**, including **190767** laboratory-confirmed and **11991** probable cases. **One thousand eighty-seven** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **6287** 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)	202758	+3304
COVID-19 Tests Reported (molecular and antigen)	4569705	+52633
Daily Test Positivity		6.28%
Patients Currently Hospitalized with COVID-19	1087	-52
COVID-19-Associated Deaths	6287	+57

*Includes confirmed plus probable cases

COVID-19 Cases and Associated Deaths by County of Residence as of 01/06/21 8:30pm.

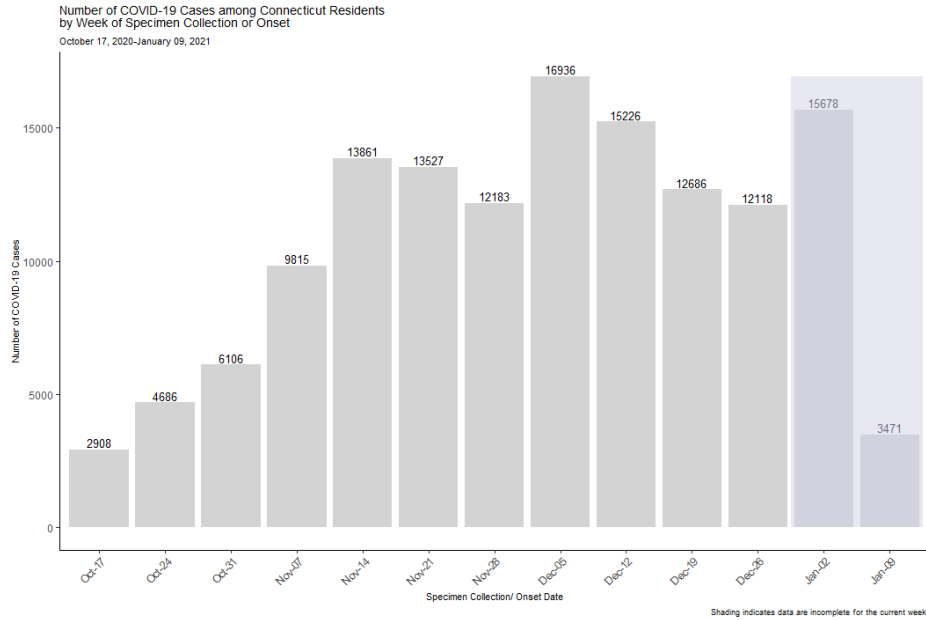
County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	56029	4367	1394	378
Hartford County	48812	2238	1540	377
Litchfield County	7520	597	204	31
Middlesex County	6915	426	208	62
New Haven County	48063	3503	1375	240
New London County	11867	297	208	67
Tolland County	5022	343	91	23
Windham County	5864	140	75	13
Pending address validation	675	80	1	0
Total	190767	11991	5096	1191

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

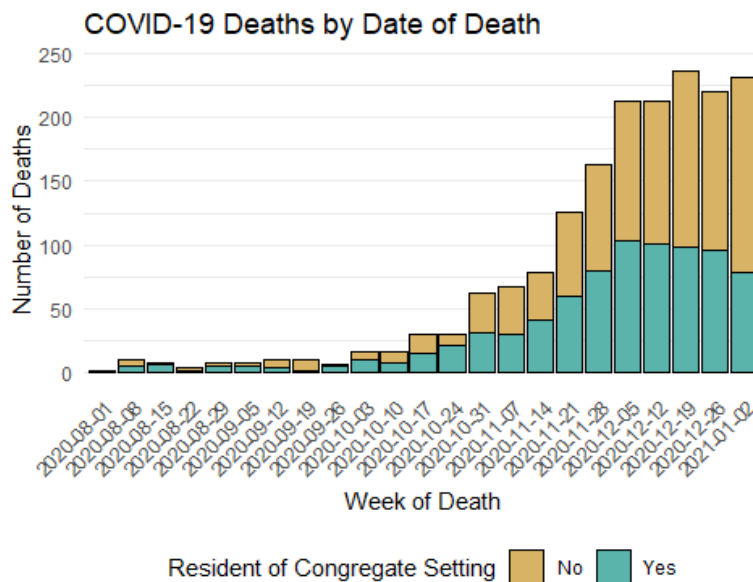
Day-to-day changes reflect newly reported cases, deaths, and tests that occurred over the last several days to week. All data in this report are preliminary; data for previous dates will be updated as new reports are received and data errors are corrected. Hospitalization data were collected by the Connecticut 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 (December 20-January 02), there were 27,796 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.

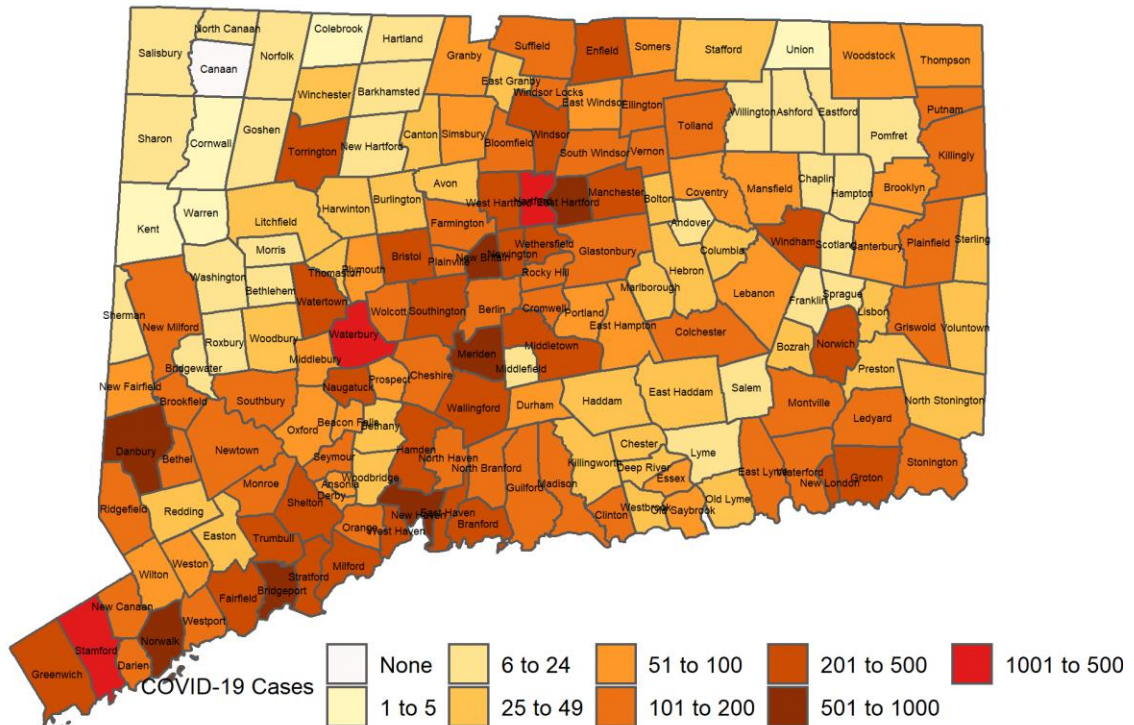


Community Transmission of COVID-19

Among 27,796 new COVID-19 cases with specimen collection or onset date during December 20-January 02, there were 27,257 cases among people living in community settings, as shown in the map below. This corresponds to an average of 54.5 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 79 towns.

Number of COVID-19 Cases among People Living in Community Settings by Town with Specimen Collection or Onset Date During December 20-January 02

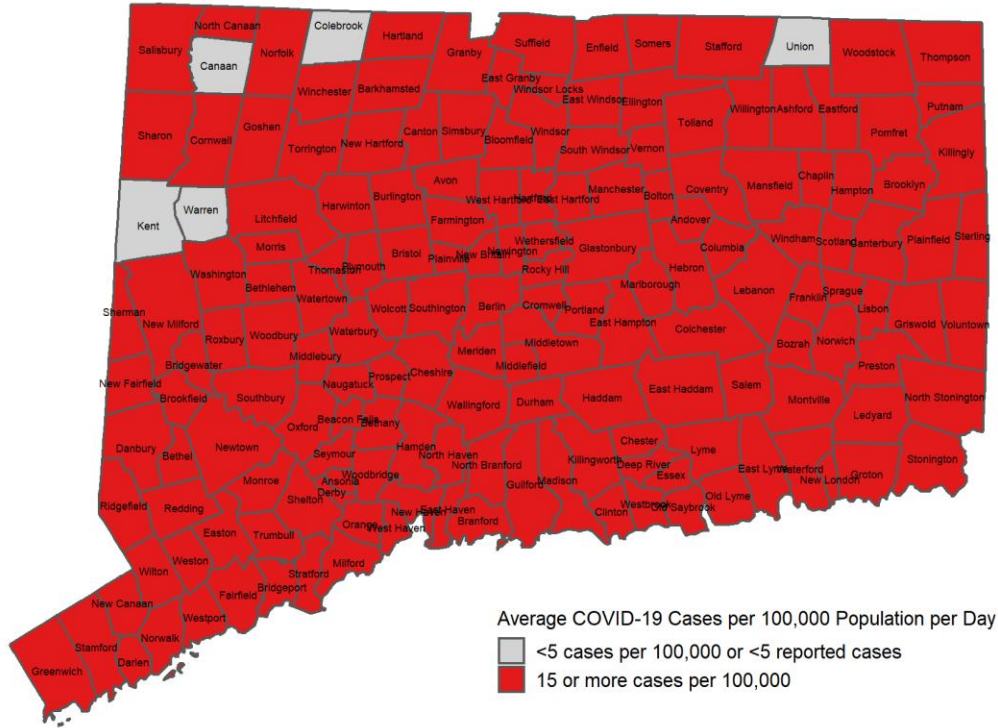


Map does not include 97 cases pending address validation

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 December 20-January 02, 164 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 December 20-January 02



Map does not include 97 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 December 20-January 02, 2020

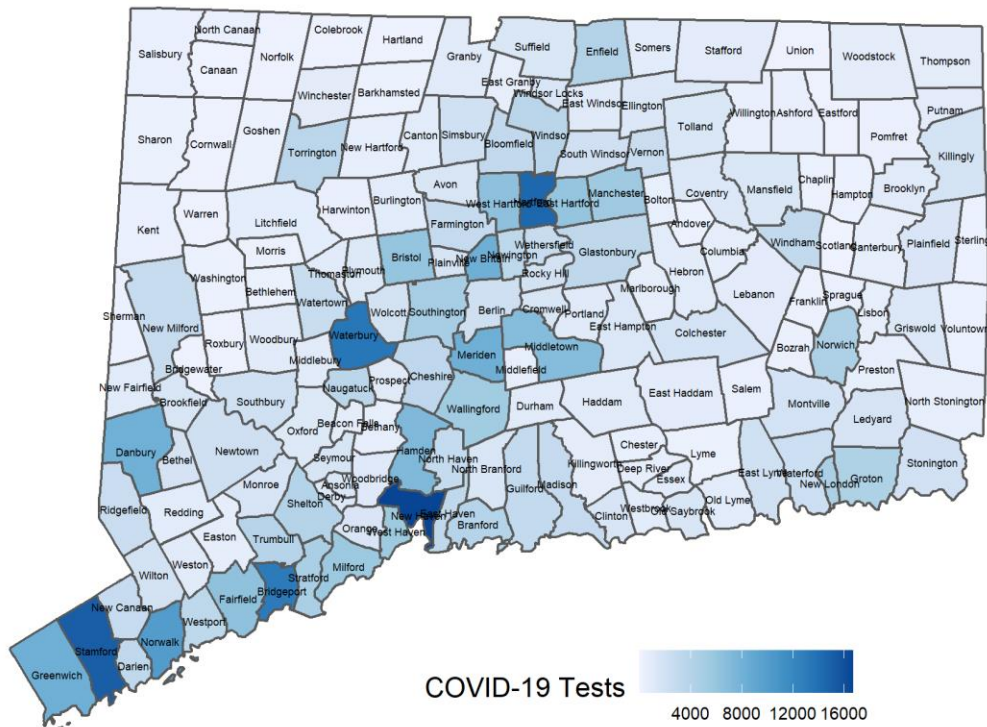
Map does not include 97 cases pending address validation

Town	Pop	Cases	Rate	Town	Pop	Cases	Rate	Town	Pop	Cases	Rate
Andover	3231	18	39.8	Griswold	11591	129	79.5	Prospect	9790	65	47.4
Ansonia	18721	85	32.4	Groton	38692	304	56.1	Putnam	9395	101	76.8
Ashford	4261	21	35.2	Guilford	22216	135	43.4	Redding	9125	46	36
Avon	18302	49	19.1	Haddam	8222	48	41.7	Ridgefield	25008	122	34.8
Barkhamsted	3624	10	19.7	Hamden	60940	420	49.2	Rocky Hill	20145	138	48.9
Beacon Falls	6182	56	64.7	Hampton	1853	23	88.7	Roxbury	2160	8	26.5
Berlin	20432	159	55.6	Hartford	122587	1346	78.4	Salem	4123	11	19.1
Bethany	5479	41	53.5	Hartland	2120	6	20.2	Salisbury	3598	10	19.9
Bethel	19714	185	67.0	Harwinton	5430	34	44.7	Scotland	1685	14	59.3
Bethlehem	3422	23	48.0	Hebron	9482	40	30.1	Seymour	16509	114	49.3
Bloomfield	21301	131	43.9	Kent	2785	4	10.3	Sharon	2703	7	18.5
Bolton	4890	30	43.8	Killingly	17287	184	76.0	Shelton	41097	260	45.2
Bozrah	2537	38	107.0	Killingworth	6370	44	49.3	Sherman	3614	11	21.7
Branford	28005	207	52.8	Lebanon	7207	60	59.5	Simsbury	24979	99	28.3
Bridgeport	144900	928	45.7	Ledyard	14736	118	57.2	Somers	10834	78	51.4
Bridgewater	1641	7	30.5	Lisbon	4248	30	50.4	South Windsor	26054	142	38.9
Bristol	60032	473	56.3	Litchfield	8127	34	29.9	Southbury	19656	125	45.4
Brookfield	17002	132	55.5	Lyme	2338	12	36.7	Southington	43807	323	52.7
Brooklyn	8280	79	68.2	Madison	18106	109	43.0	Sprague	2889	20	49.4
Burlington	9665	43	31.8	Manchester	57699	452	56.0	Stafford	11884	46	27.6
Canaan	1055	0	0.0	Mansfield	25817	57	15.8	Stamford	129775	1161	63.9
Canterbury	5100	54	75.6	Marlborough	6358	34	38.2	Sterling	3780	33	62.4
Canton	10270	39	27.1	Meriden	59540	718	86.1	Stonington	18449	102	39.5
Chaplin	2256	13	41.2	Middlebury	7731	64	59.1	Stratford	51967	358	49.2
Cheshire	29179	180	44.1	Middlefield	4380	21	34.2	Suffield	15743	126	57.2
Chester	4229	26	43.9	Middletown	46146	405	62.7	Thomaston	7560	47	44.4
Clinton	12950	104	57.4	Milford	54661	441	57.6	Thompson	9395	88	66.9
Colchester	15936	148	66.3	Monroe	19470	121	44.4	Tolland	14655	104	50.7
Colebrook	1405	4	20.3	Montville	18716	158	60.3	Torrington	34228	237	49.5
Columbia	5385	40	53.1	Morris	2262	13	41.1	Trumbull	35802	237	47.3
Cornwall	1368	5	26.1	Naugatuck	31288	264	60.3	Union	840	4	34
Coventry	12414	89	51.2	New Britain	72453	894	88.1	Vernon	29303	192	46.8
Cromwell	13905	119	61.1	New Canaan	20213	135	47.7	Voluntown	2535	27	76.1
Danbury	84730	878	74.0	New Fairfield	13877	85	43.8	Wallingford	44535	356	57.1
Darien	21753	104	34.1	New Hartford	6685	24	25.6	Warren	1399	4	20.4
Deep River	4463	36	57.6	New Haven	130418	911	49.9	Washington	3434	12	25
Derby	12515	86	49.1	New London	26939	326	86.4	Waterbury	108093	1167	77.1
Durham	7195	78	77.4	New Milford	26974	173	45.8	Waterford	18887	122	46.1
East Granby	5147	28	38.9	Newington	30112	257	61.0	Watertown	21641	205	67.7
East Haddam	8988	38	30.2	Newtown	27774	126	32.4	West Hartford	62939	261	29.6
East Hampton	12854	76	42.2	Norfolk	1640	7	30.5	West Haven	54879	407	53
East Hartford	49998	565	80.7	North Branford	14158	120	60.5	Westbrook	6914	31	32
East Haven	28699	281	69.9	North Canaan	3254	19	41.7	Weston	10247	53	36.9
East Lyme	18645	120	46.0	North Haven	23691	166	50.0	Westport	28115	107	27.2
East Windsor	11375	78	49.0	North Stonington	5243	28	38.1	Wethersfield	26082	223	61.1
Eastford	1790	15	59.9	Norwalk	89047	766	61.4	Willington	5887	20	24.3
Easton	7517	38	36.1	Norwich	39136	451	82.3	Wilton	18397	52	20.2
Ellington	16299	103	45.1	Old Lyme	7366	30	29.1	Winchester	10655	31	20.8
Enfield	44466	338	54.3	Old Saybrook	10087	95	67.3	Windham	24706	314	90.8
Essex	6674	58	62.1	Orange	13949	117	59.9	Windsor	28760	229	56.9
Fairfield	61952	329	37.9	Oxford	13226	89	48.1	Windsor Locks	12876	134	74.3
Farmington	25506	112	31.4	Plainfield	15173	176	82.9	Wolcott	16649	134	57.5
Franklin	1933	19	70.2	Plainville	17623	120	48.6	Woodbridge	8805	47	38.1
Glastonbury	34491	189	39.1	Plymouth	11645	71	43.6	Woodbury	9537	40	30
Goshen	2879	12	29.8	Pomfret	4204	21	35.7	Woodstock	7862	70	63.6
Granby	11375	52	32.7	Portland	9305	78	59.9				
Greenwich	62727	368	41.9	Preston	4638	35	53.9				

COVID-19 Molecular and Antigen Tests during December 20-January 02

Among 424,870 molecular and antigen tests for COVID-19 with specimen collection date during December 20-January 02, 390,641 (92%) tests were conducted among people who did not reside in congregate settings (including nursing homes, assisted living, and correctional facilities). Of these 390,641 tests, 31,987 (8%) were positive. The map below shows the number of molecular and antigen COVID-19 tests by town with specimen collection date during December 20-January 02 that were conducted among community residents.

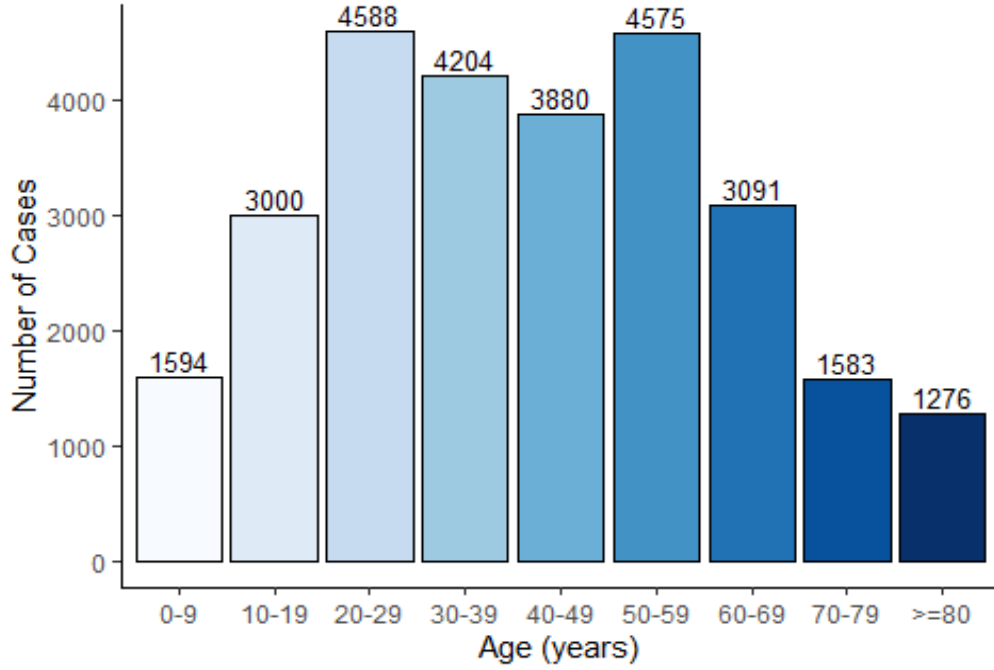
Number of Molecular and Antigen Tests for COVID-19 among People Living in Community Settings by Town with Specimen Collection Date During December 20-January 02



Map does not include tests pending address validation

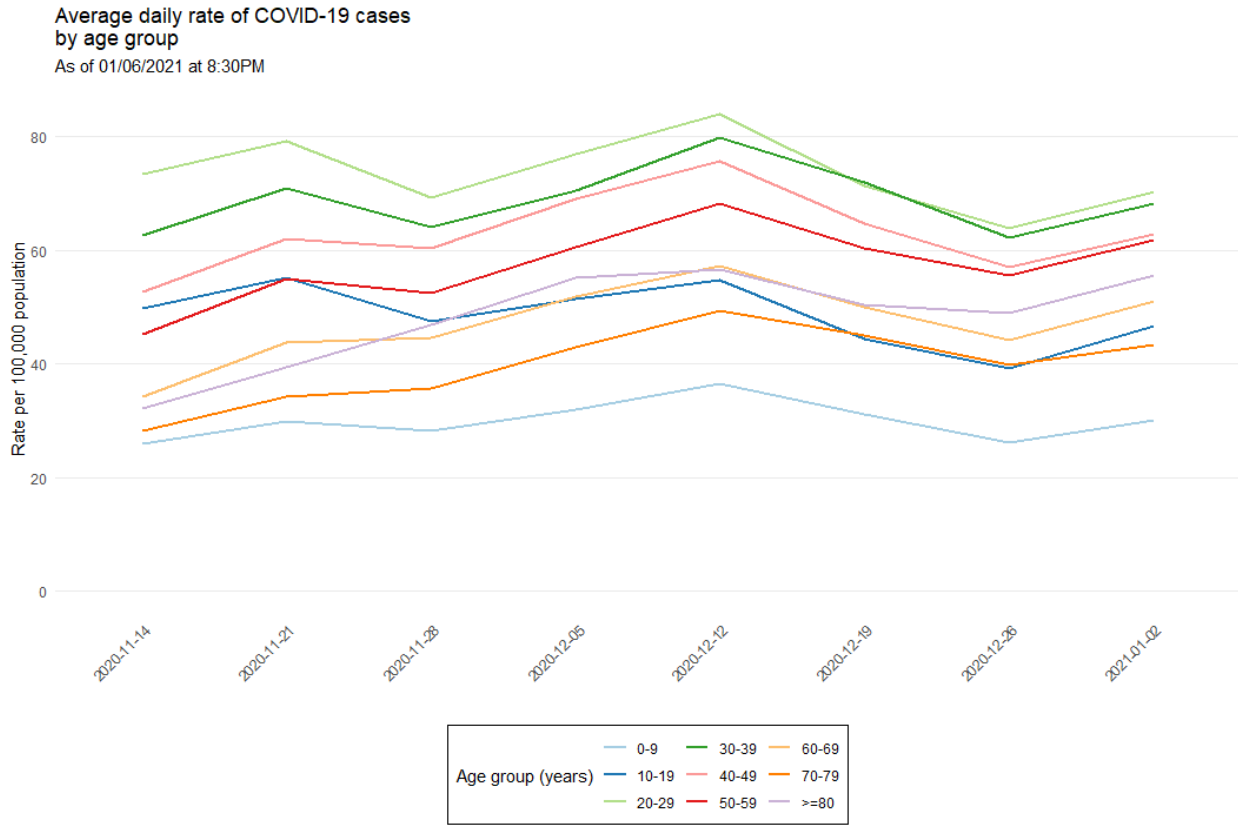
Age Distribution of COVID-19 Cases with Specimen Collection or Onset During December 20-January 02, 2020

Number of New COVID-19 Cases by Age Group with Collection or Onset during December 20 – January 02



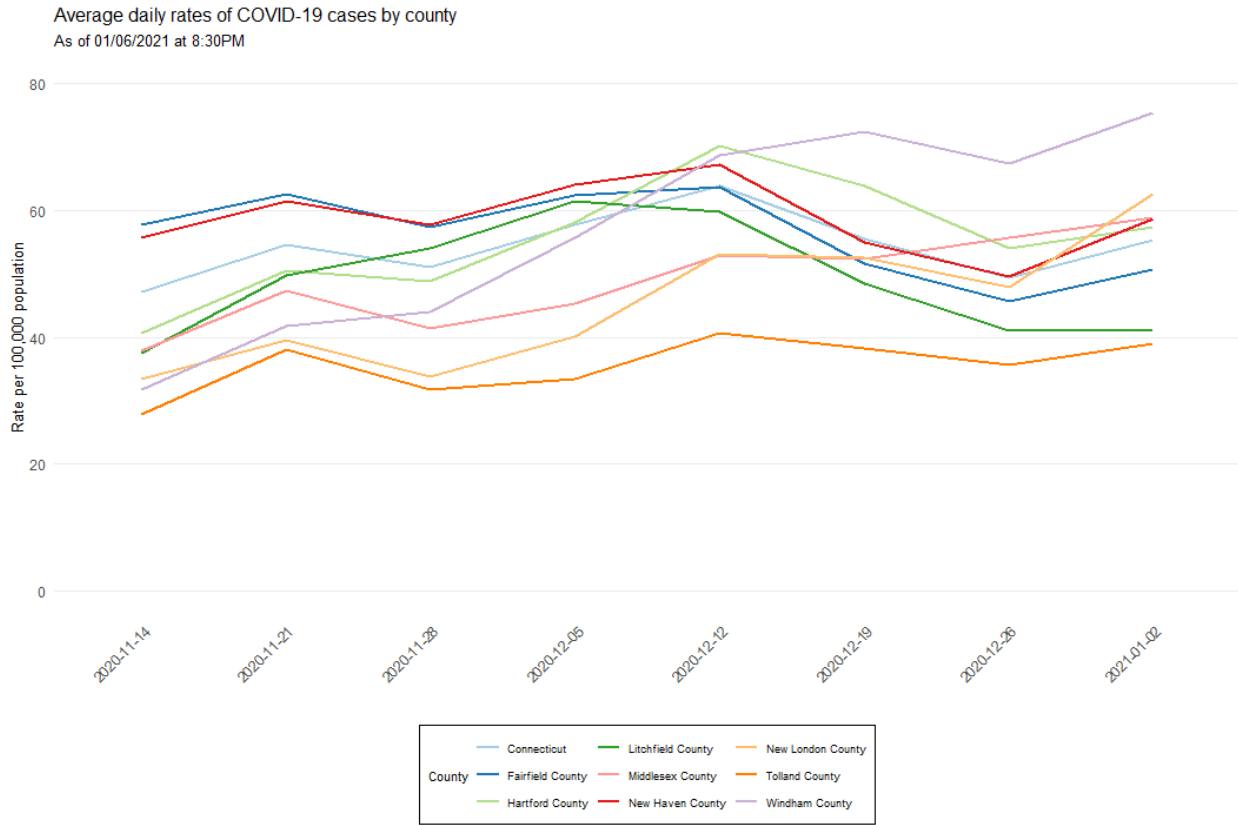
Average Daily Incidence by Age Group

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.

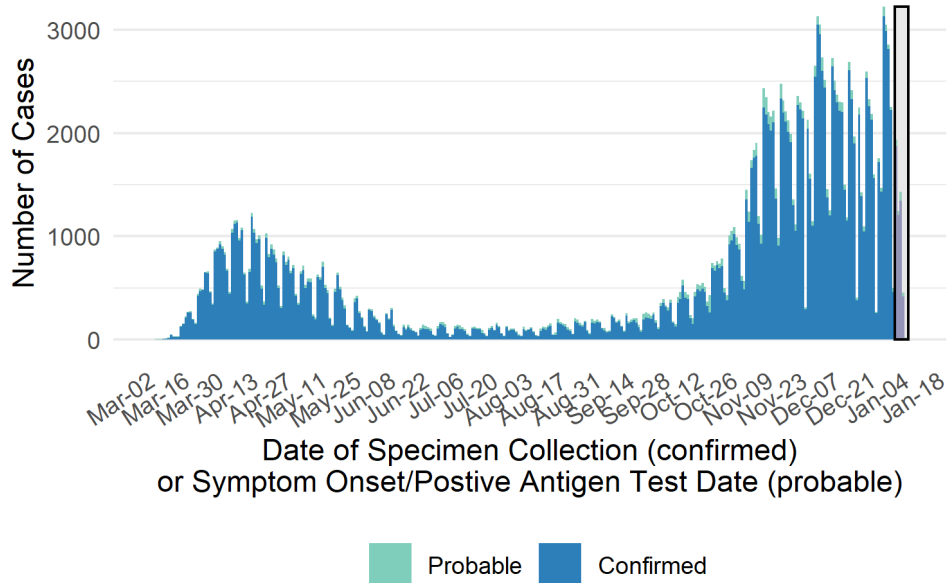


Cumulative Number of COVID-19 Cases and COVID-19-Associated Deaths by Date

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.

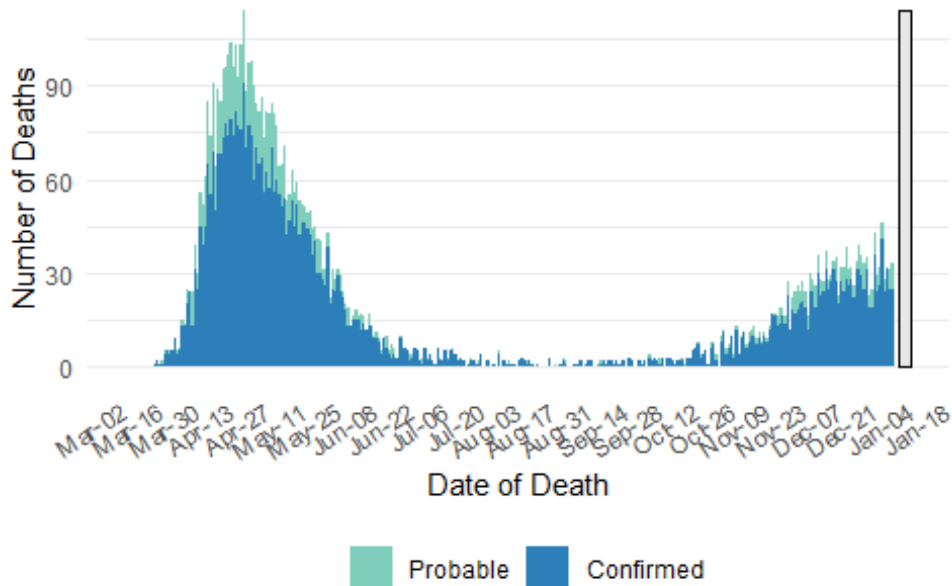
Number of Confirmed and Probable COVID-19 Cases by Date

As of 01/06/2021 at 8:30pm



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

As of 01/06/2021 at 8:30pm

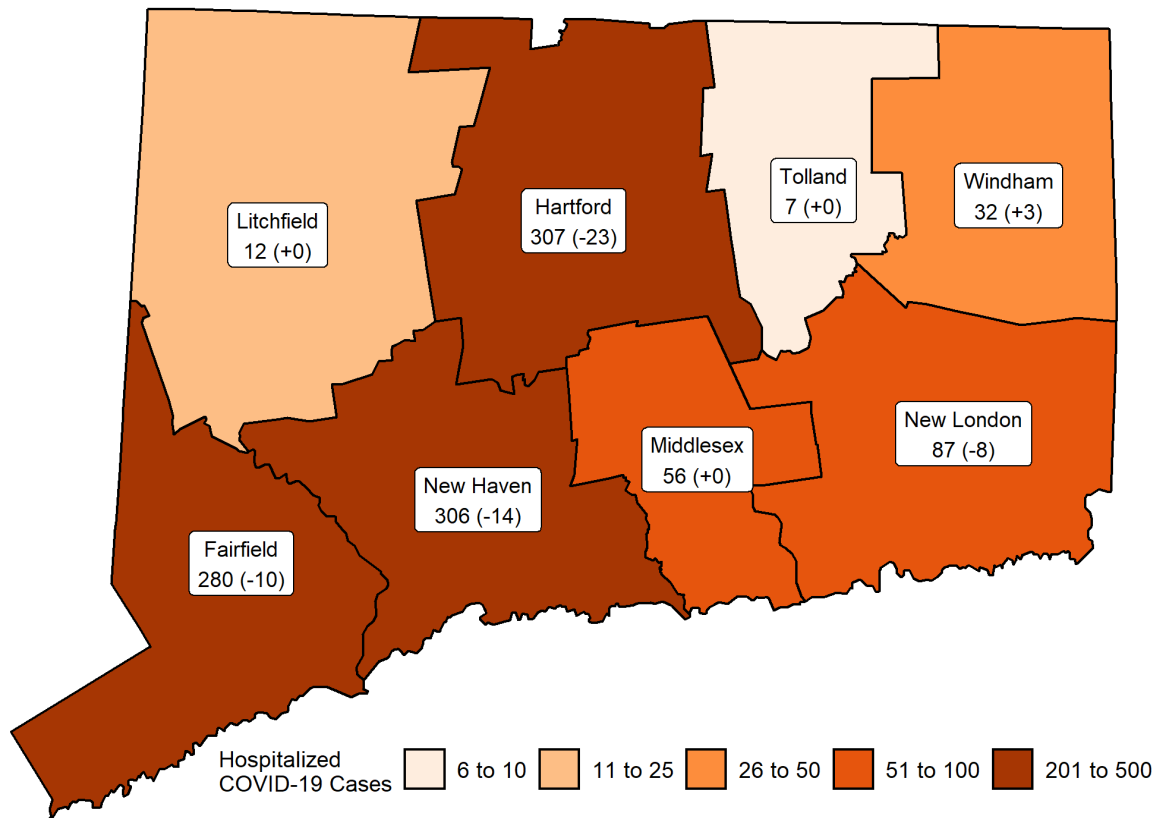


Hospitalization Surveillance

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

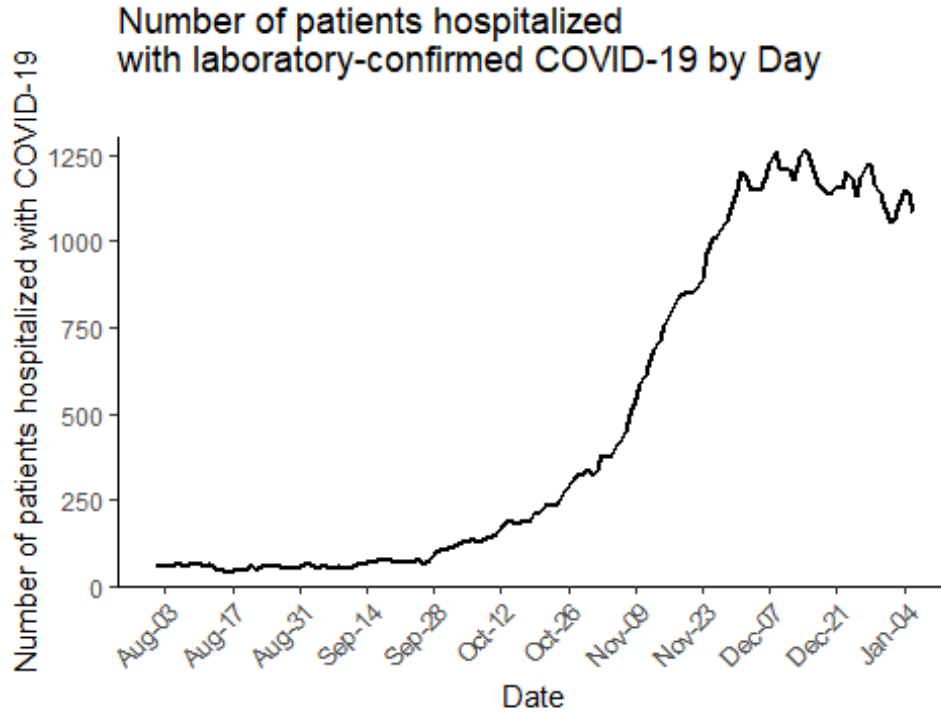
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



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

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

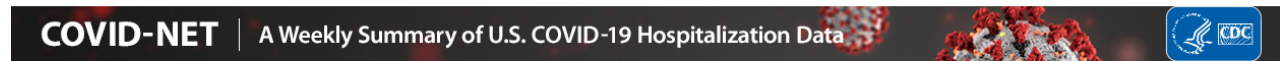


Weekly hospitalizations by age group in New Haven and Middlesex Counties

The chart below shows the weekly rate of laboratory-confirmed COVID-19-associated hospitalizations by age group for residents of New Haven and Middlesex Counties.

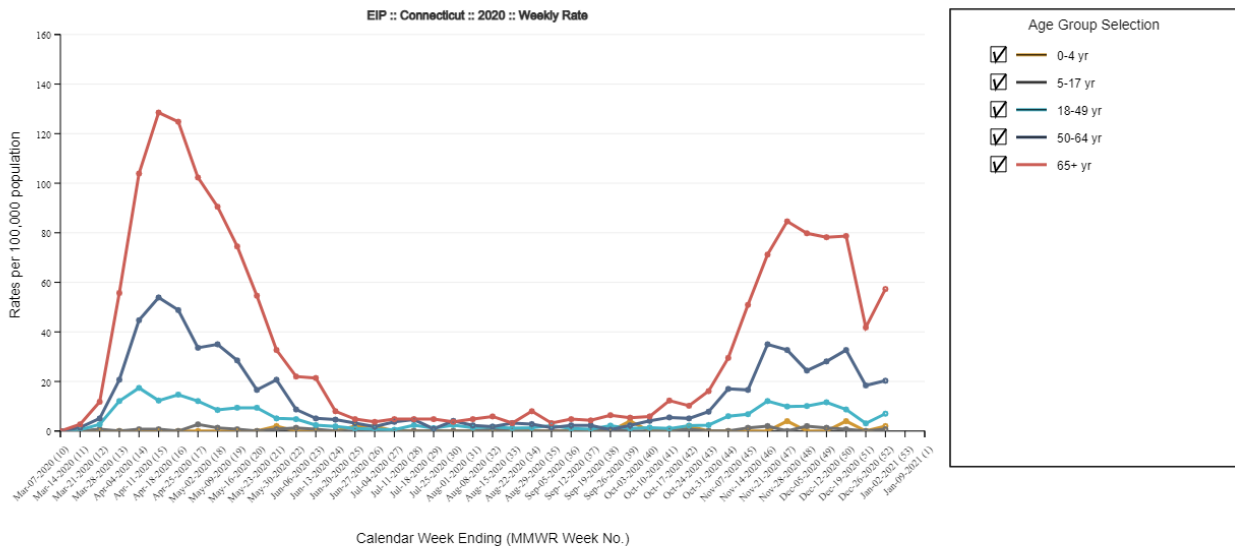
These data were collected by COVID-NET, the COVID-19-Associated Hospitalization Surveillance Network. Connecticut is one of 14 states that participate in COVID-NET, which conducts population-based surveillance for laboratory-confirmed COVID-19-associated hospitalizations. In Connecticut, COVID-NET surveillance covers residents of New Haven and Middlesex Counties, a population of approximately 1 million. These data are collected in partnership with CDC and other surveillance sites.

COVID-NET hospitalization data are preliminary and subject to change as more data become available. In particular, case counts and rates for recent hospital admissions are subject to lag. As data are received each week, prior case counts and rates are updated.



Laboratory-Confirmed COVID-19-Associated Hospitalizations

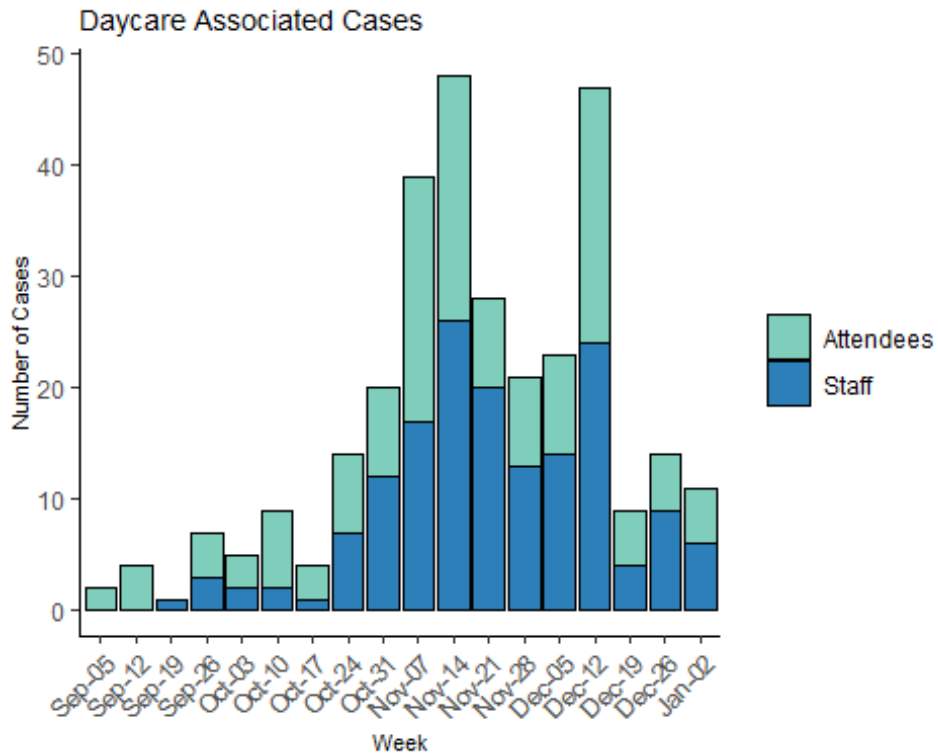
Preliminary weekly rates as of Dec 26, 2020



The Coronavirus Disease 2019 (COVID-19)-Associated Hospitalization Surveillance Network (COVID-NET) conducts population-based surveillance for laboratory-confirmed COVID-19-associated hospitalizations in children (persons younger than 18 years) and adults. The current network covers nearly 100 counties in the 10 Emerging Infections Program (EIP) states (CA, CO, CT, GA, MD, MN, NM, NY, OR, and TN) and four additional states through the Influenza Hospitalization Surveillance Project (IA, MI, OH, and UT). The network represents approximately 10% of US population (~32 million people). Cases are identified by reviewing hospital, laboratory, and admission databases and infection control logs for patients hospitalized with a documented positive SARS-CoV-2 test. Data gathered are used to estimate age-specific hospitalization rates on a weekly basis and describe characteristics of persons hospitalized with COVID-19. Laboratory confirmation is dependent on clinician-ordered SARS-CoV-2 testing. Therefore, the unadjusted rates provided are likely to be underestimated as COVID-19-associated hospitalizations can be missed due to test availability and provider or facility testing practices. COVID-NET hospitalization data are preliminary and subject to change as more data become available. In particular, case counts and rates for recent hospital admissions are subject to lag. As data are received each week, prior case counts and rates are updated accordingly. All incidence rates are unadjusted. Please use the following citation when referencing these data: "COVID-NET: COVID-19-Associated Hospitalization Surveillance Network, Centers for Disease Control and Prevention. WEBSITE. Accessed on DATE".

Daycare Surveillance

Licensed daycare providers are required to report cases of COVID-19 among attendees and staff to the Department of Public Health (DPH) and the local health department. This figure shows the number of cases among daycare attendees and staff reported to DPH since September 1, 2020. Data are preliminary and like other passive surveillance systems, under reporting occurs and the true incidence of disease is more than the number of cases reported.



Laboratory Surveillance

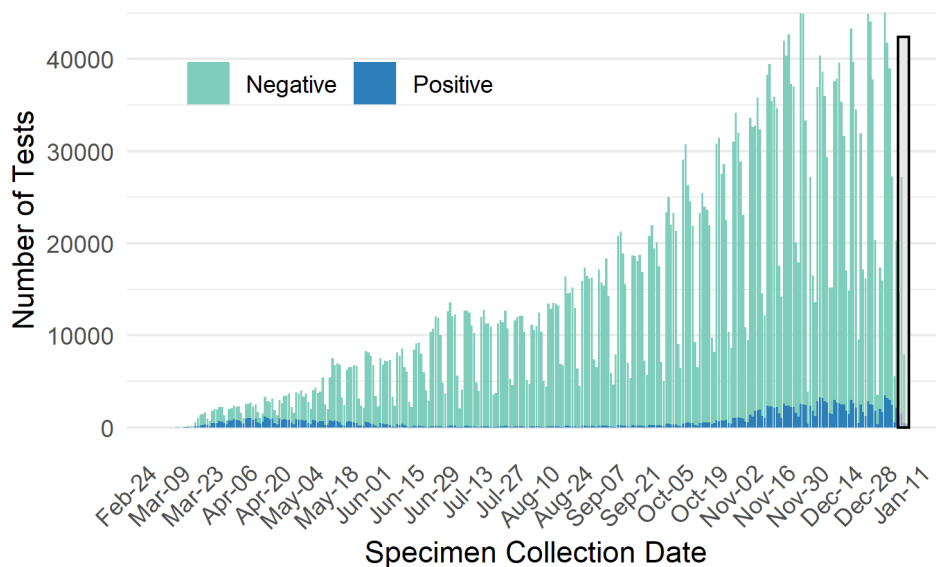
Molecular Tests

To date, DPH has received reports on a total of 4408944 molecular COVID-19 laboratory tests; of these 4014247 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 01/06/2021 at 8:30pm



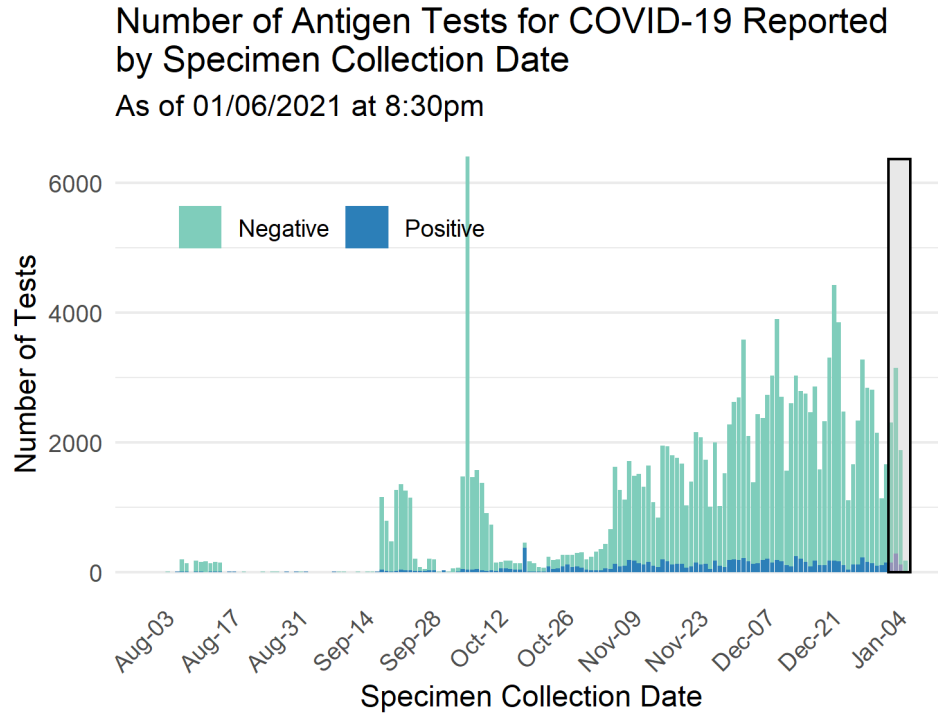
Testing of recently collected specimens is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

ELR = Electronic Laboratory Reporting

Antigen Tests

To date, DPH has received reports on a total of 160761 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.

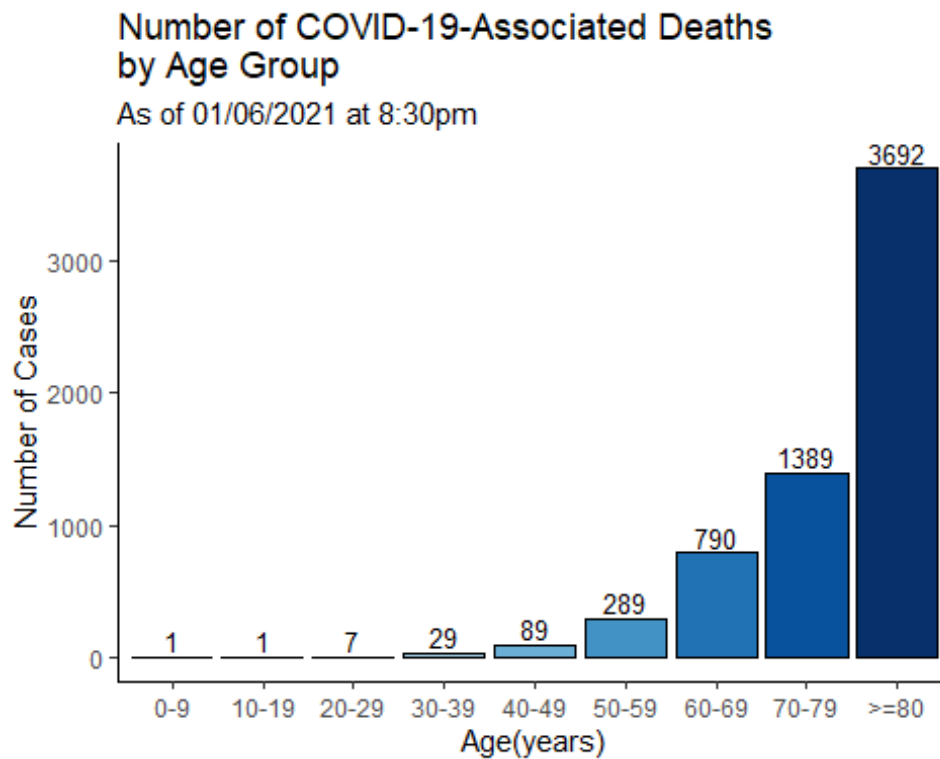
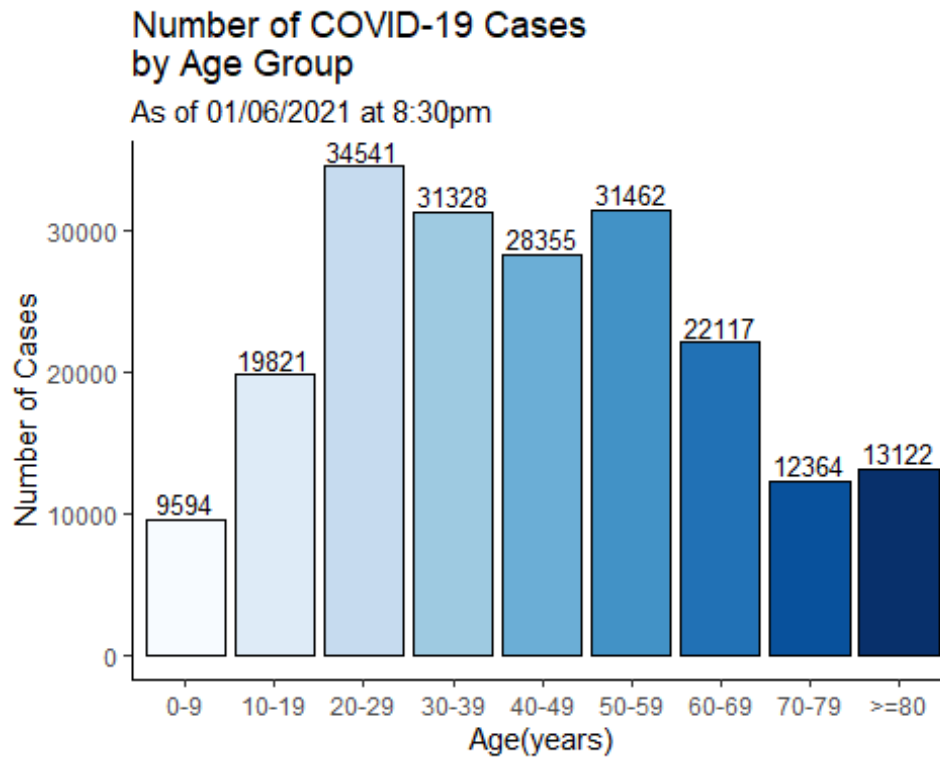


Shading indicates data are incomplete for the current week.

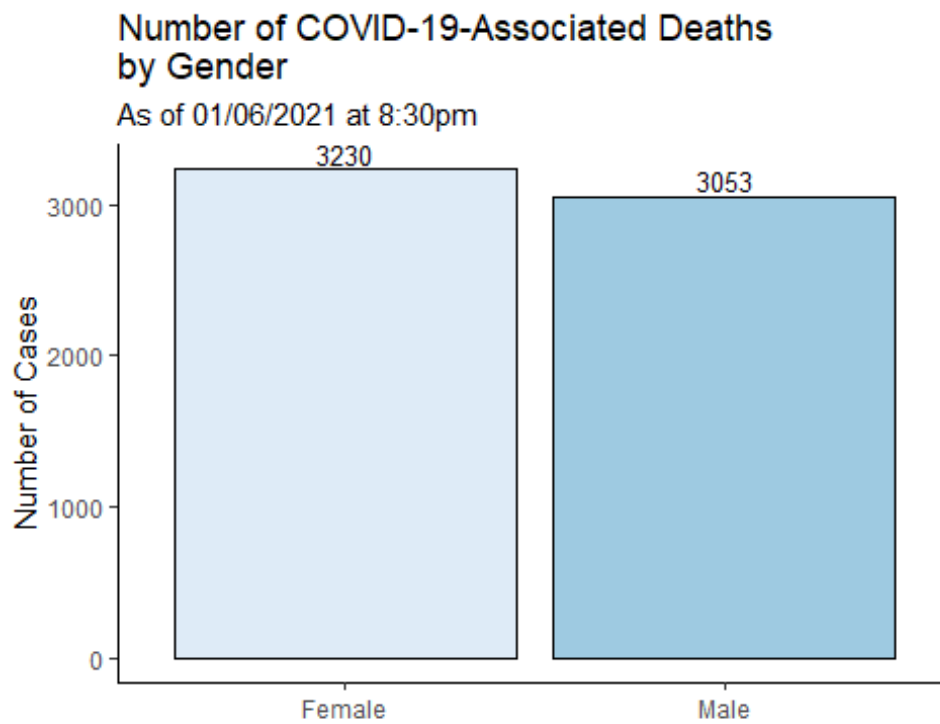
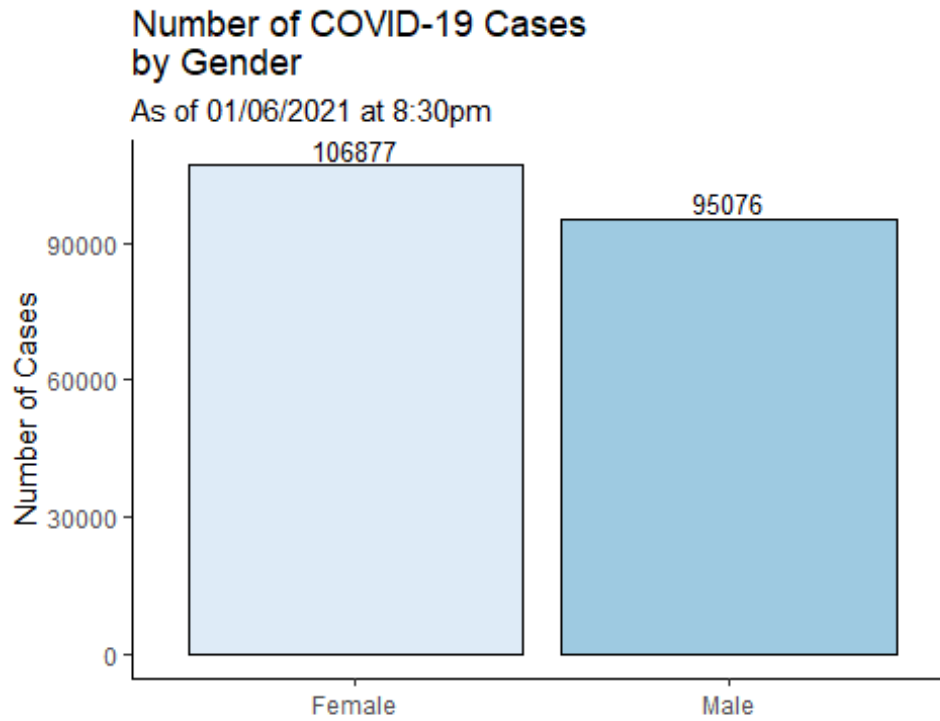
Testing of recently collected specimens is ongoing and does not reflect a decrease in testing.

Characteristics of COVID-19 Cases and Associated Deaths

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

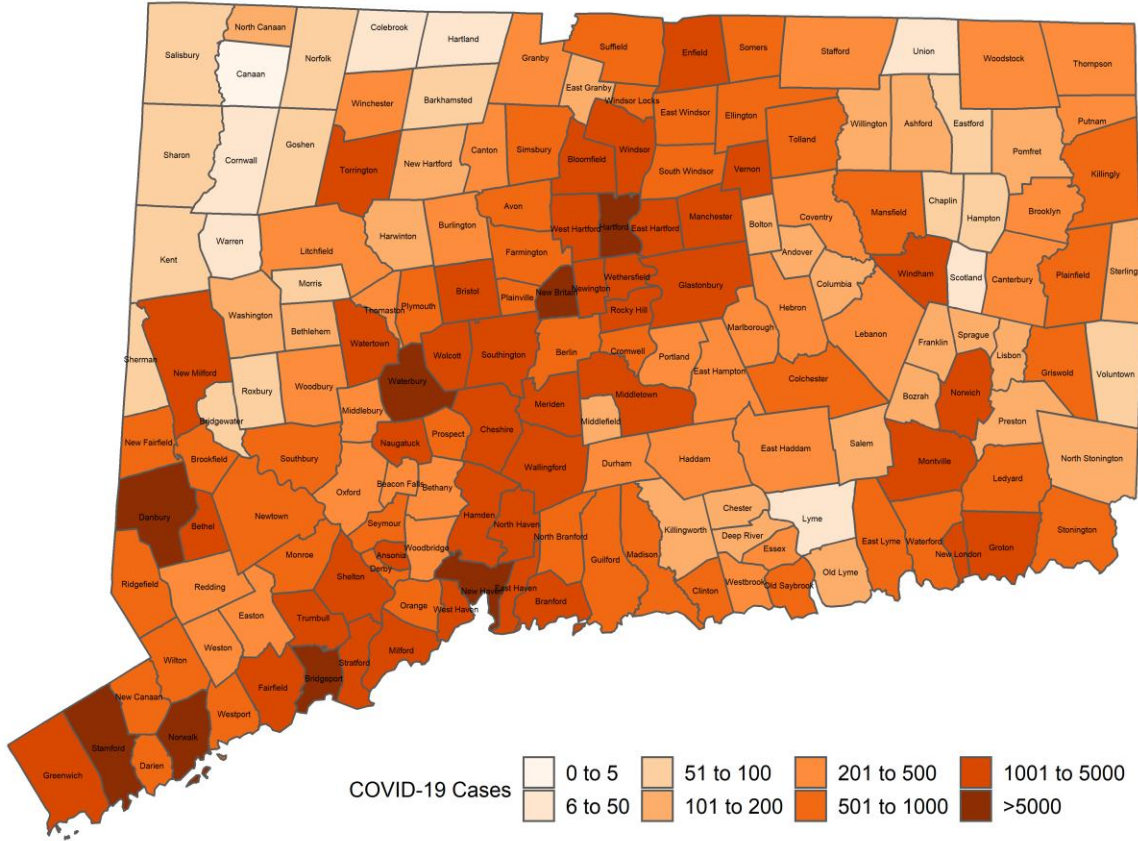


Counts may not add up to total case count because demographic data may be missing.



Cumulative Number of COVID-19 Cases by Town

Map does not include 755 cases pending address validation



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

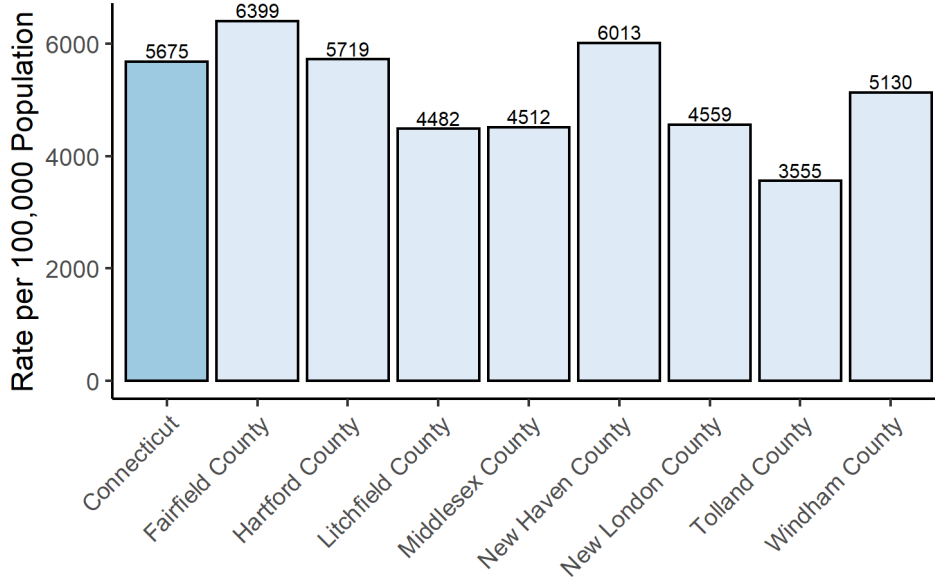
Table does not include 755 cases pending address validation

Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	95	7	Griswold	504	4	Prospect	484	33
Ansonia	1000	81	Groton	1445	81	Putnam	424	26
Ashford	102	2	Guilford	659	43	Redding	271	26
Avon	526	27	Haddam	276	18	Ridgefield	723	86
Barkhamsted	88	3	Hamden	3144	250	Rocky Hill	1072	51
Beacon Falls	301	15	Hampton	98	0	Roxbury	48	7
Berlin	883	47	Hartford	10536	310	Salem	108	0
Bethany	211	16	Hartland	41	1	Salisbury	79	2
Bethel	1065	143	Harwinton	167	10	Scotland	27	0
Bethlehem	118	7	Hebron	273	15	Seymour	856	57
Bloomfield	1283	55	Kent	68	16	Sharon	54	1
Bolton	124	8	Killingly	883	32	Shelton	2050	173
Bozrah	109	0	Killingworth	172	12	Sherman	73	26
Branford	1181	123	Lebanon	238	4	Simsbury	576	38
Bridgeport	11486	618	Ledyard	534	3	Somers	570	47
Bridgewater	43	10	Lisbon	146	2	South Windsor	899	40
Bristol	3186	147	Litchfield	212	15	Southbury	773	51
Brookfield	758	149	Lyme	45	5	Southington	1884	189
Brooklyn	459	9	Madison	597	41	Sprague	133	1
Burlington	269	9	Manchester	2790	152	Stafford	319	14
Canaan	5	0	Mansfield	746	91	Stamford	9559	419
Canterbury	210	3	Marlborough	249	15	Sterling	147	2
Canton	267	18	Meriden	4573	235	Stonington	511	17
Chaplin	59	3	Middlebury	421	35	Stratford	2750	235
Cheshire	1139	63	Middlefield	145	9	Suffield	737	39
Chester	145	5	Middletown	2472	152	Thomaston	382	29
Clinton	501	25	Milford	2417	250	Thompson	321	11
Colchester	619	35	Monroe	723	54	Tolland	527	37
Colebrook	27	2	Montville	985	18	Torrington	2027	60
Columbia	176	3	Morris	79	3	Trumbull	1725	142
Cornwall	36	0	Naugatuck	1899	125	Union	18	1
Coventry	369	16	New Britain	5885	265	Vernon	1147	70
Cromwell	738	46	New Canaan	788	51	Voluntown	90	1
Danbury	7954	863	New Fairfield	508	72	Wallingford	2514	132
Darien	733	91	New Hartford	192	7	Warren	12	3
Deep River	176	13	New Haven	7491	427	Washington	97	10
Derby	682	43	New London	1877	29	Waterbury	9178	599
Durham	326	27	New Milford	993	235	Waterford	894	32
East Granby	133	5	Newington	1621	83	Watertown	1302	111
East Haddam	214	13	Newtown	882	101	West Hartford	2582	185
East Hampton	409	25	Norfolk	50	1	West Haven	2977	260
East Hartford	3910	128	North Branford	550	70	Westbrook	230	15
East Haven	1520	221	North Canaan	132	6	Weston	287	34
East Lyme	682	36	North Haven	1119	138	Westport	913	80
East Windsor	585	25	North Stonington	140	3	Wethersfield	1429	69
Eastford	52	1	Norwalk	6604	390	Willington	130	8
Easton	210	13	Norwich	2338	21	Wilton	576	67
Ellington	528	26	Old Lyme	166	3	Winchester	371	5
Enfield	2067	58	Old Saybrook	513	29	Windham	1917	36
Essex	231	17	Orange	547	60	Windsor	1707	70
Fairfield	2855	347	Oxford	468	25	Windsor Locks	602	16
Farmington	810	55	Plainfield	776	13	Wolcott	1045	79
Franklin	123	0	Plainville	841	60	Woodbridge	317	31
Glastonbury	1154	68	Plymouth	498	31	Woodbury	353	20
Goshen	87	3	Pomfret	130	0	Woodstock	259	2
Granby	288	13	Portland	367	20			
Greenwich	2536	187	Preston	180	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](#)

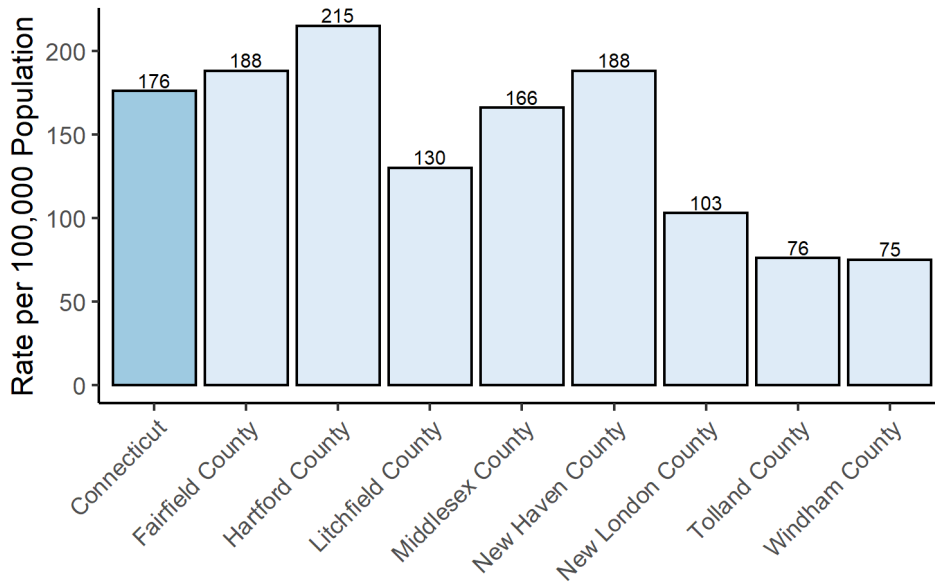
Rate of COVID-19 Cases Statewide and by County

As of 01/06/2021 at 8:30pm



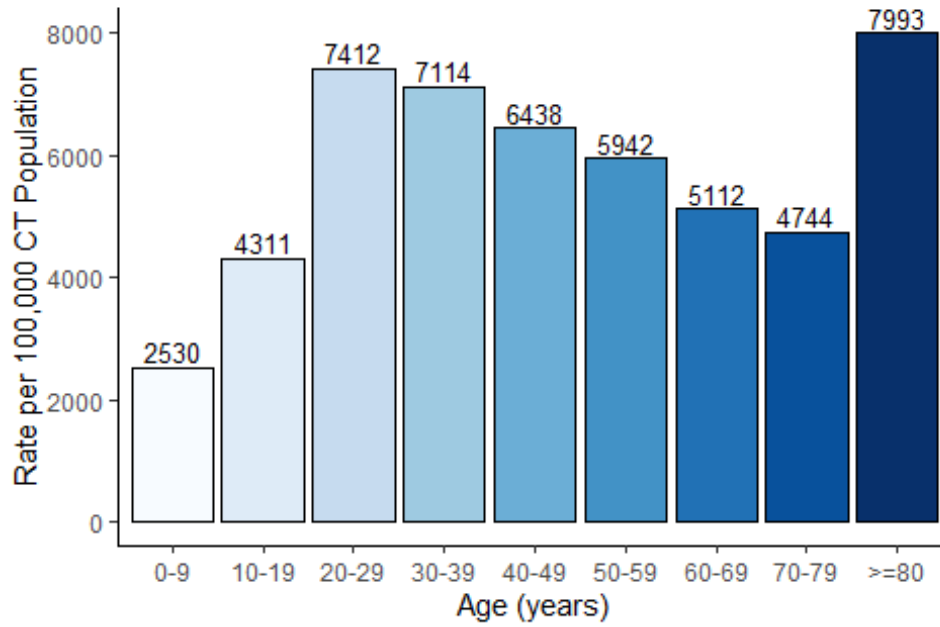
Rate of COVID-19-Associated Deaths Statewide and by County

As of 01/06/2021 at 8:30pm



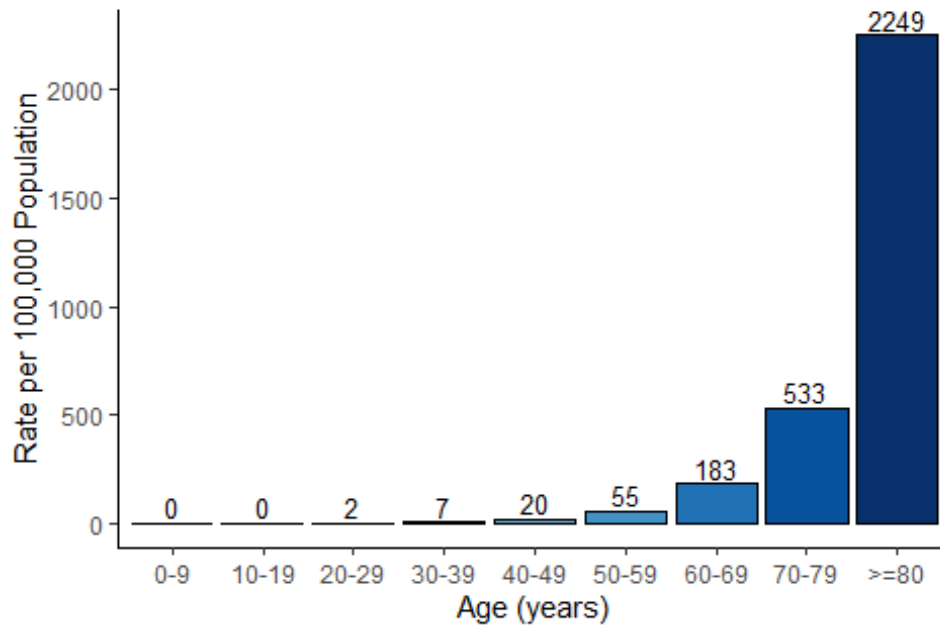
Rate of COVID-19 Cases by Age Group

As of 01/06/2021 at 8:30pm



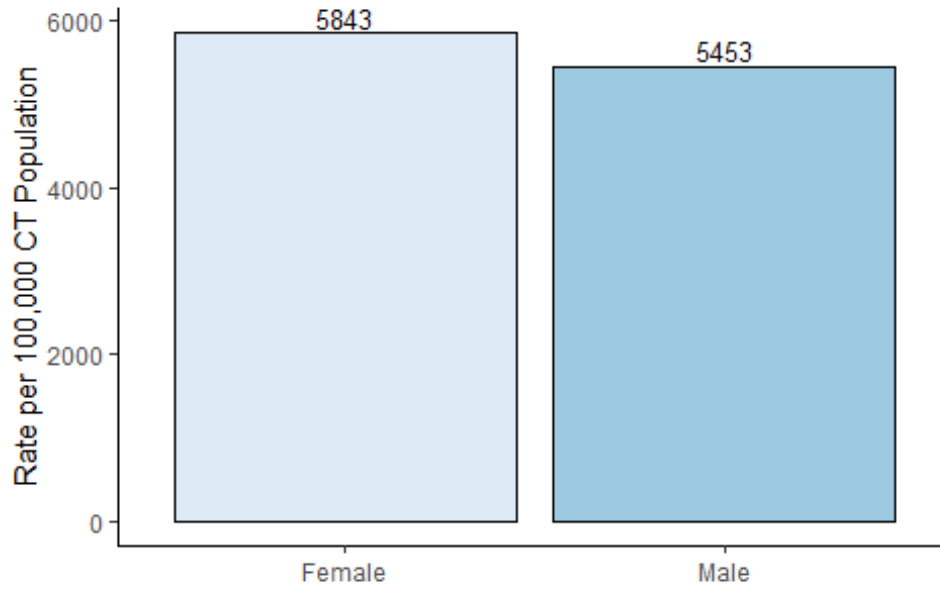
Rate of COVID-19-Associated Deaths by Age Group

As of 01/06/2021 at 8:30pm



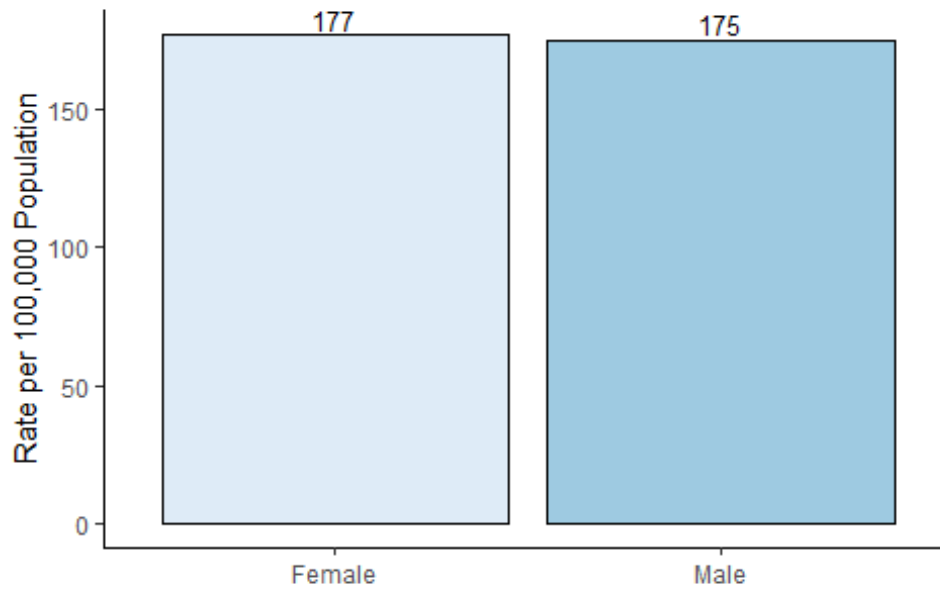
Rate of COVID-19 Cases by Gender

As of 01/06/2021 at 8:30pm

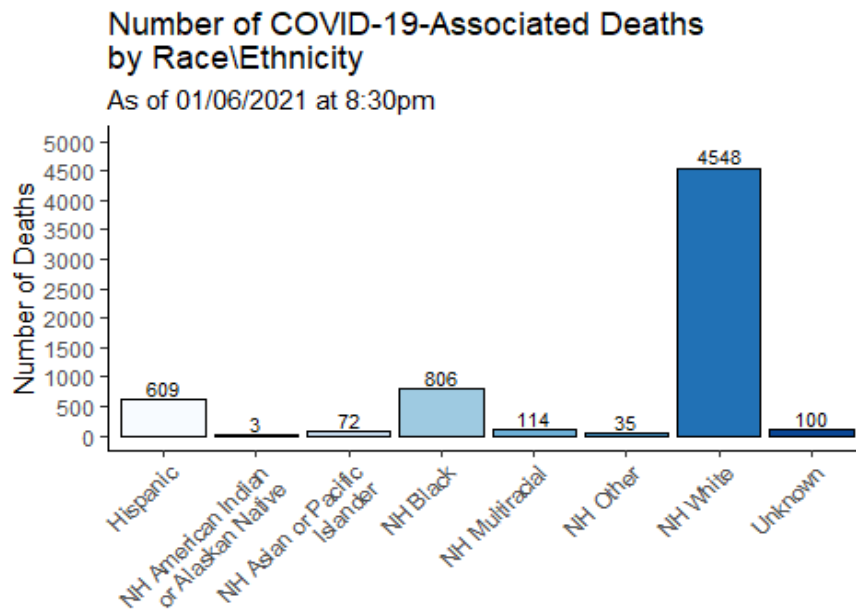
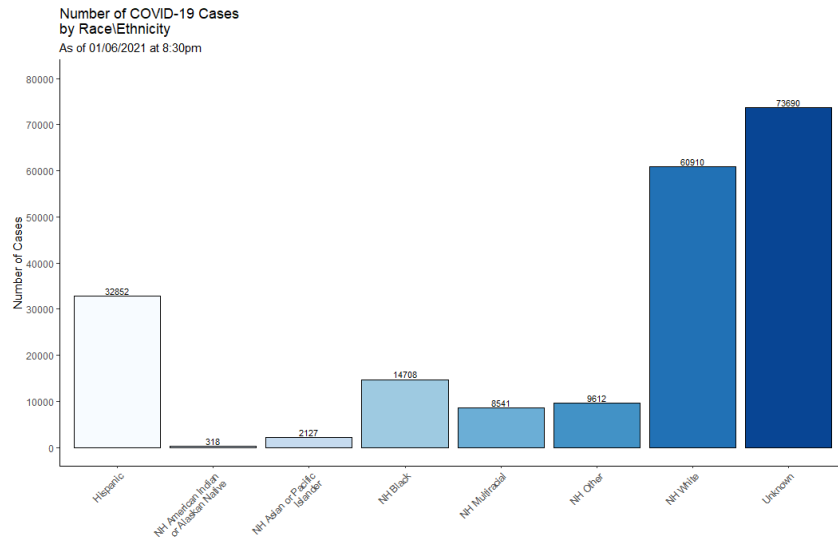


Rate of COVID-19-Associated Deaths by Gender

As of 01/06/2021 at 8:30pm

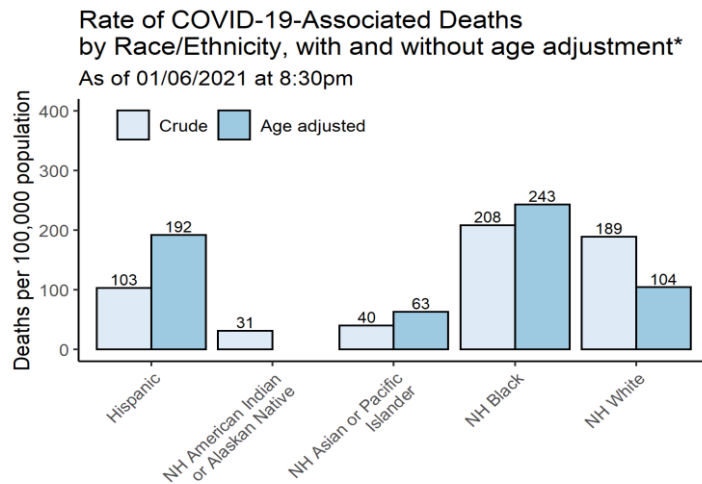
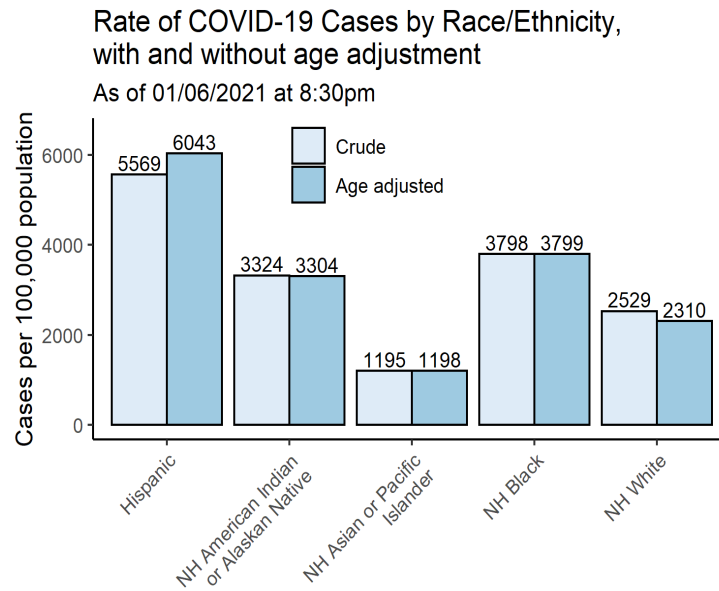


APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. Categories are mutually exclusive. The category “multiracial” includes people who answered ‘yes’ to more than one race category. NH=Non-Hispanic



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*