

COVID-19 Update February 04, 2021

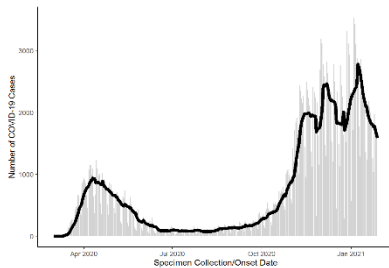
As of **February 03, 2021, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **257941**, including **242274** laboratory-confirmed and **15667** probable cases. **Eight hundred thirty-seven** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **7185** 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)	257941	+937
COVID-19 Tests Reported (molecular and antigen)	5896657	+29864
Daily Test Positivity		3.14%
Patients Currently Hospitalized with COVID-19	837	-37
COVID-19-Associated Deaths	7185	+28

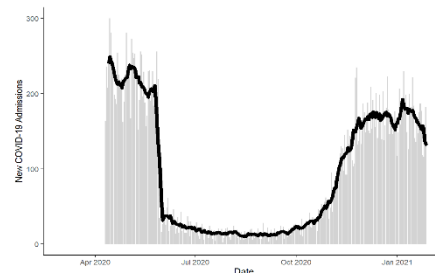
*Includes confirmed plus probable cases

Cases



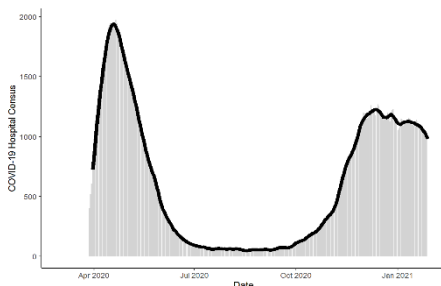
Total Cases: 257,941

New Admissions



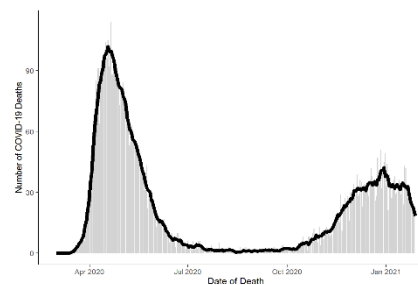
Total Hospitalizations: 26,850

Hospital Census



Hospital Census: 2/3/2021: 837

Deaths



Total Deaths: 7,185

COVID-19 Cases and Associated Deaths by County of Residence as of 02/03/21 8:30pm.

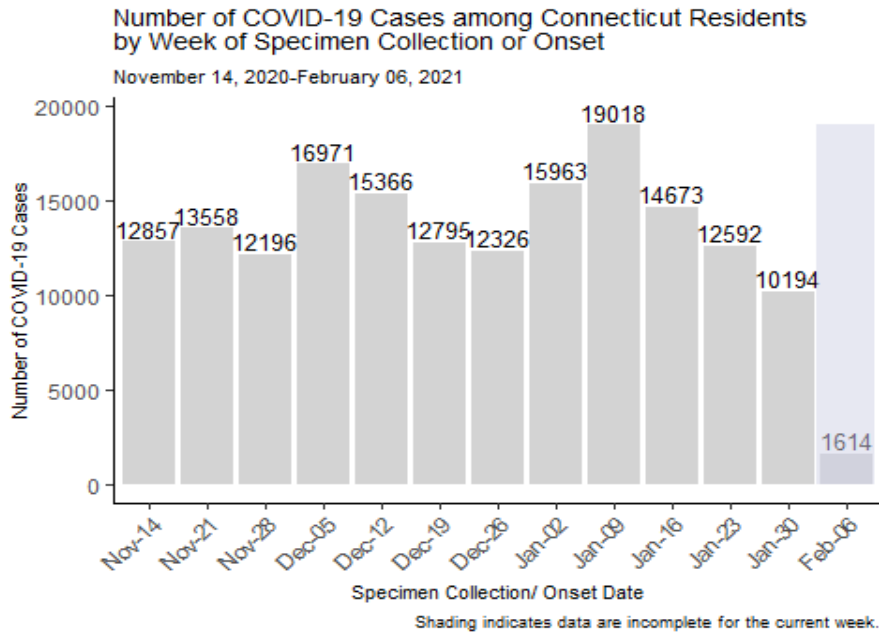
County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	68,749	5,284	1,551	395
Hartford County	62,145	3,027	1,761	399
Litchfield County	9,388	813	224	35
Middlesex County	8,873	624	248	77
New Haven County	60,442	4,633	1,562	253
New London County	16,960	499	284	90
Tolland County	6,688	434	115	29
Windham County	8,299	230	122	32
Pending address validation	730	123	5	3
Total	242274	15667	5872	1313

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

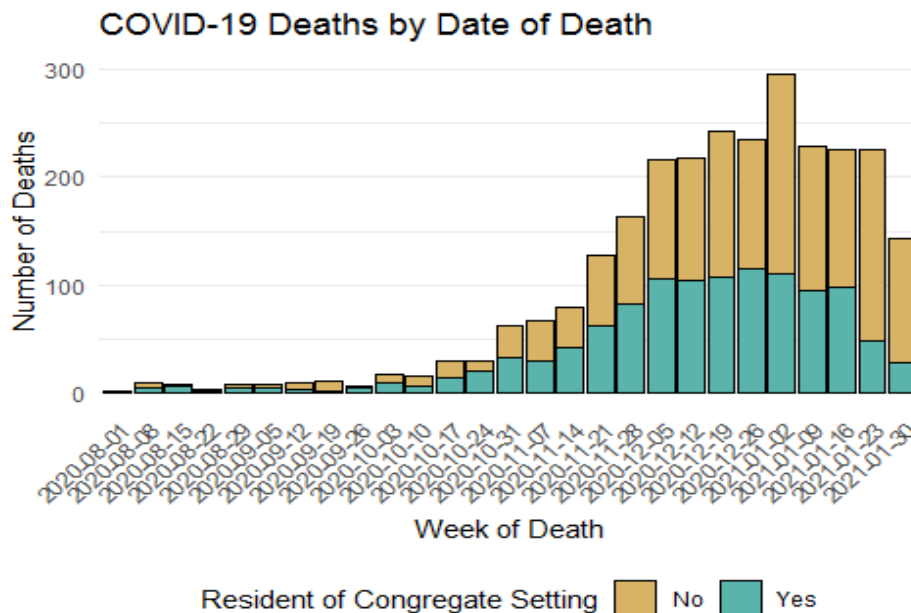
Day-to-day changes reflect newly reported cases, deaths, and tests that occurred over the last several days to week. All data in this report are preliminary; data for previous dates will be updated as new reports are received and data errors are corrected. Hospitalization data were collected by the Connecticut 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 (January 17-30), there were 22,786 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.

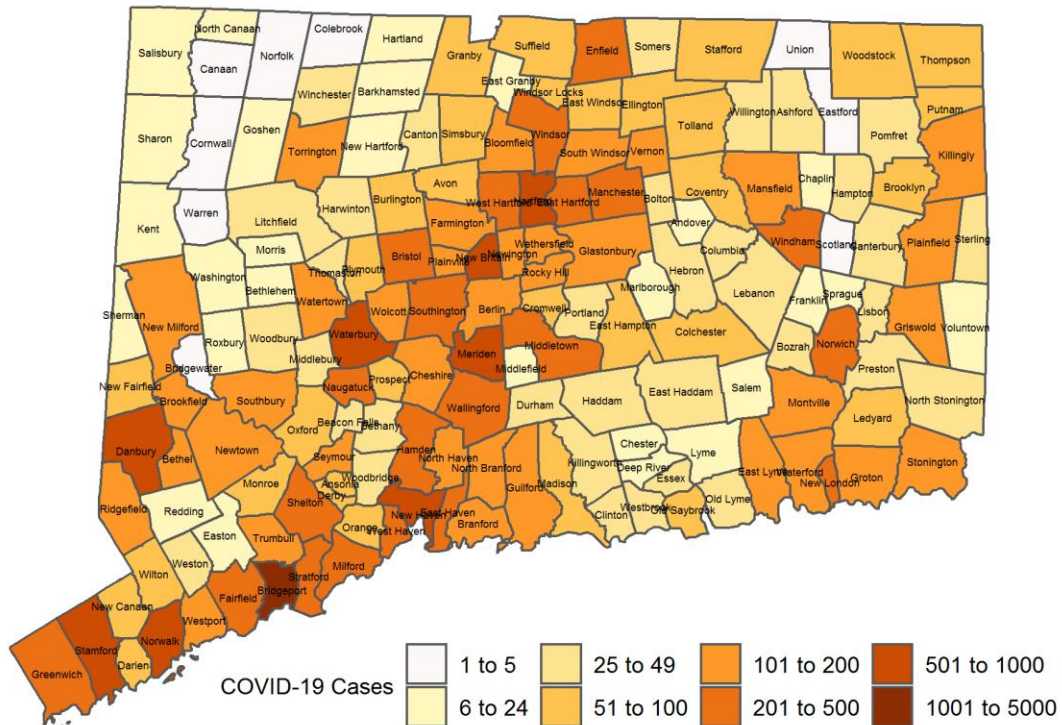


Community Transmission of COVID-19

Among 22,786 new COVID-19 cases with specimen collection or onset date during January 17-30, there were 22,395 cases among people living in community settings, as shown in the map below. This corresponds to an average of 44.77 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 67 towns.

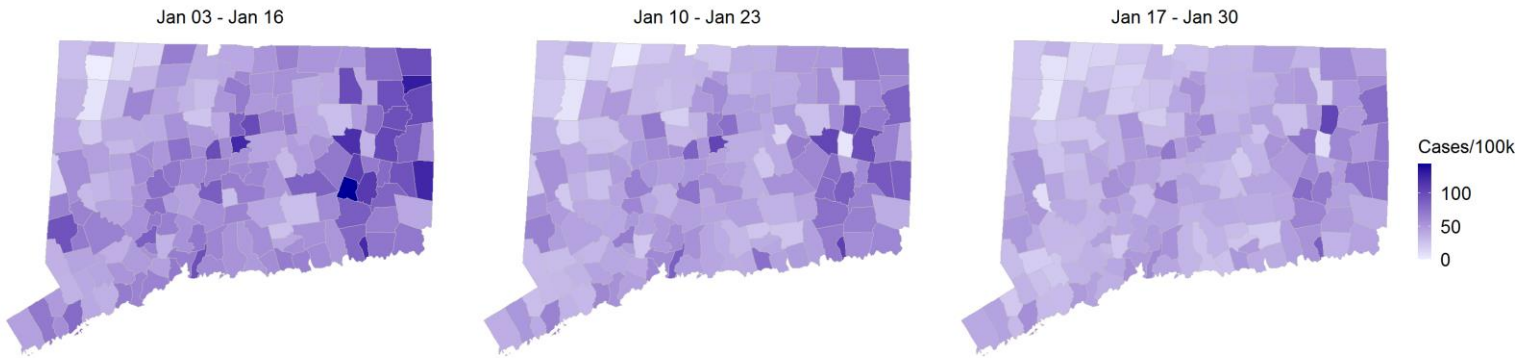
Number of COVID-19 Cases among People Living in Community Settings by Town with Specimen Collection or Onset Date During January 17-30



Map does not include 97 cases pending address validation

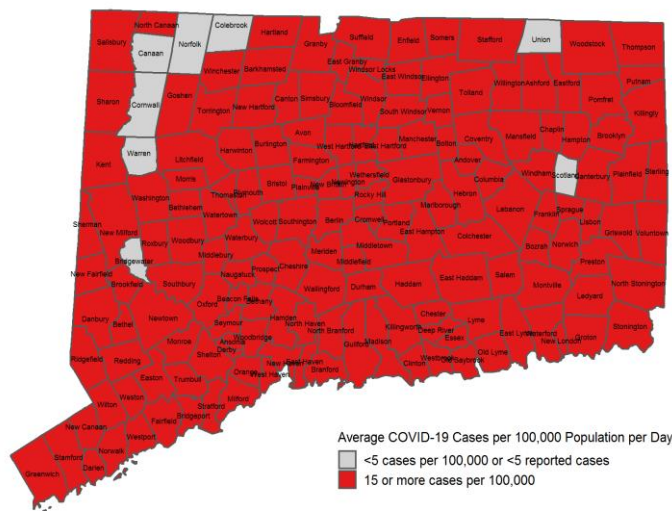
Because towns with larger populations are likely to have more cases, it is also important to look at the number of new cases per 100,000 population. The maps below show the average number of new cases per 100,000 population per day, with darker colors indicating higher rates. Cases among people residing in nursing homes, assisted living facilities, and correctional facilities are excluded.

The three maps below show the average number of new cases per 100,000 population per day for three, 2 week periods with darker colors indicating higher rates.



Among towns with at least 5 new cases during January 17-30, 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 January 17-30



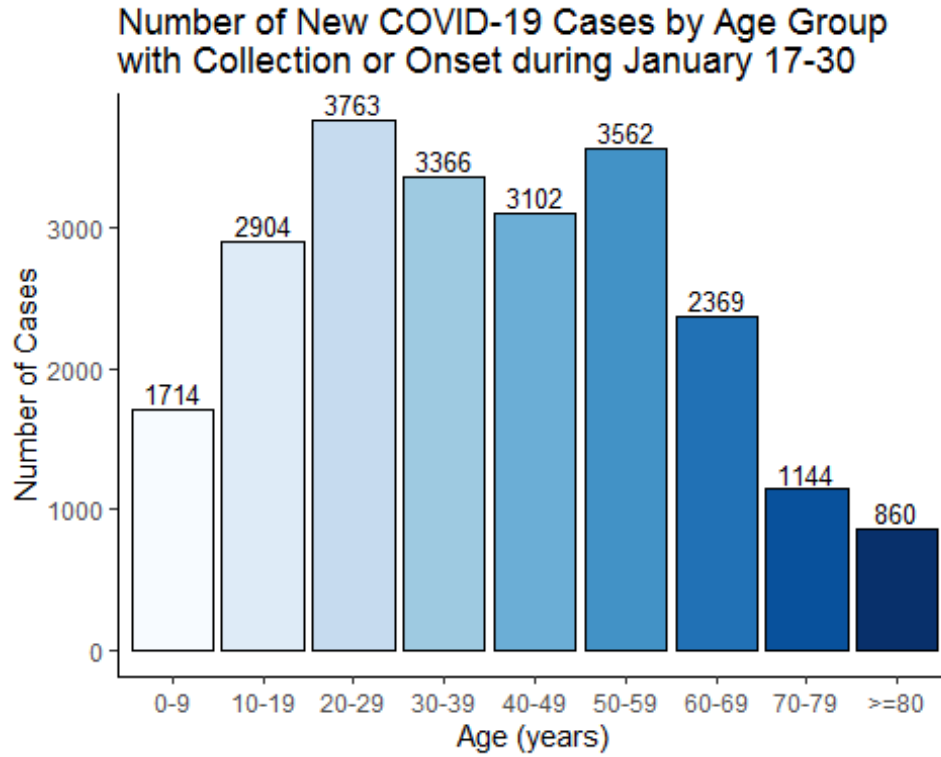
Map does not include 97 cases pending address validation

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 January 17-30, 2021

Map does not include 97 cases pending address validation

Town	Population	Cases	Rate	Town	Population	Cases	Rate	Town	Population	Cases	Rate
Andover	3,231	12	26.5	Griswold	11,591	117	72	Prospect	9790	59	43
Ansonia	18,721	82	31.3	Groton	38,692	187	34	Putnam	9395	75	57
Ashford	4,261	30	50.3	Guilford	22,216	103	33	Redding	9125	25	19.6
Avon	18,302	51	19.9	Haddam	8,222	46	40	Ridgefield	25008	102	29.1
Barkhamsted	3,624	9	17.7	Hamden	60,940	380	44	Rocky Hill	20145	111	39.4
Beacon Falls	6,182	31	35.8	Hampton	1,853	27	104	Roxbury	2160	13	43
Berlin	20,432	105	36.7	Hartford	122,587	910	53	Salem	4123	24	41.6
Bethany	5,479	32	41.7	Hartland	2,120	7	24	Salisbury	3598	12	23.8
Bethel	19,714	110	39.9	Harwinton	5,430	26	34	Scotland	1685	2	8.5
Bethlehem	3,422	14	29.2	Hebron	9,482	46	35	Seymour	16509	106	45.9
Bloomfield	21,301	124	41.6	Kent	2,785	13	33	Sharon	2703	9	23.8
Bolton	4,890	28	40.9	Killingly	17,287	187	77	Shelton	41097	207	36
Bozrah	2,537	28	78.8	Killingworth	6,370	31	35	Sherman	3614	18	35.6
Branford	28,005	166	42.3	Lebanon	7,207	50	50	Simsbury	24979	93	26.6
Bridgeport	144,900	1,002	49.4	Ledyard	14,736	100	48	Somers	10834	50	33
Bridgewater	1,641	2	8.7	Lisbon	4,248	29	49	South Windsor	26054	122	33.4
Bristol	60,032	408	48.5	Litchfield	8,127	27	24	Southbury	19656	108	39.2
Brookfield	17,002	122	51.3	Lyme	2,338	7	21	Southington	43807	267	43.5
Brooklyn	8,280	57	49.2	Madison	18,106	65	26	Sprague	2889	16	39.6
Burlington	9,665	72	53.2	Manchester	57,699	288	36	Stafford	11884	73	43.9
Canaan	1,055	1	6.8	Mansfield	25,817	101	28	Stamford	129775	797	43.9
Canterbury	5,100	44	61.6	Marlborough	6,358	19	21	Sterling	3780	37	69.9
Canton	10,270	34	23.6	Meriden	59,540	549	66	Stonington	18449	115	44.5
Chaplin	2,256	16	50.7	Middlebury	7,731	34	31	Stratford	51967	326	44.8
Cheshire	29,179	123	30.1	Middlefield	4,380	25	41	Suffield	15743	59	26.8
Chester	4,229	17	28.7	Middletown	46,146	279	43	Thomaston	7560	43	40.6
Clinton	12,950	48	26.5	Milford	54,661	284	37	Thompson	9395	57	43.3
Colchester	15,936	96	43.0	Monroe	19,470	84	31	Tolland	14655	75	36.6
Colebrook	1,405	3	15.3	Montville	18,716	166	63	Torrington	34228	186	38.8
Columbia	5,385	40	53.1	Morris	2,262	12	38	Trumbull	35802	175	34.9
Cornwall	1,368	1	5.2	Naugatuck	31,288	215	49	Union	840	4	34
Coventry	12,414	78	44.9	New Britain	72,453	713	70	Vernon	29303	139	33.9
Cromwell	13,905	72	37.0	New Canaan	20,213	61	22	Voluntown	2535	25	70.4
Danbury	84,730	606	51.1	New Fairfield	13,877	86	44	Wallingford	44535	275	44.1
Darien	21,753	93	30.5	New Hartford	6,685	18	19	Warren	1399	4	20.4
Deep River	4,463	15	24.0	New Haven	130,418	913	50	Washington	3434	12	25
Derby	12,515	61	34.8	New London	26,939	328	87	Waterbury	108093	842	55.6
Durham	7,195	35	34.7	New Milford	26,974	198	52	Waterford	18887	142	53.7
East Granby	5,147	22	30.5	Newington	30,112	199	47	Watertown	21641	131	43.2
East Haddam	8,988	49	38.9	Newtown	27,774	123	32	West Hartford	62939	266	30.2
East Hampton	12,854	51	28.3	Norfolk	1,640	3	13	West Haven	54879	430	56
East Hartford	49,998	426	60.9	North Branford	14,158	107	54	Westbrook	6914	50	51.7
East Haven	28,699	243	60.5	North Canaan	3,254	16	35	Weston	10247	39	27.2
East Lyme	18,645	122	46.7	North Haven	23,691	161	48	Westport	28115	119	30.2
East Windsor	11,375	55	34.5	North Stonington	5,243	28	38	Wethersfield	26082	200	54.8
Eastford	1,790	5	20.0	Norwalk	89,047	704	56	Willington	5887	39	47.3
Easton	7,517	23	21.9	Norwich	39,136	383	70	Wilton	18397	90	34.9
Ellington	16,299	80	35.1	Old Lyme	7,366	40	39	Winchester	10655	36	24.1
Enfield	44,466	211	33.9	Old Saybrook	10,087	56	40	Windham	24706	249	72
Essex	6,674	47	50.3	Orange	13,949	81	42	Windsor	28760	218	54.1
Fairfield	61,952	255	29.4	Oxford	13,226	61	33	Windsor Locks	12876	88	48.8
Farmington	25,506	109	30.5	Plainfield	15,173	106	50	Wolcott	16649	121	51.9
Franklin	1,933	16	59.1	Plainville	17,623	133	54	Woodbridge	8805	28	22.7
Glastonbury	34,491	193	40.0	Plymouth	11,645	57	35	Woodbury	9537	42	31.5
Goshen	2,879	11	27.3	Pomfret	4,204	30	51	Woodstock	7862	64	58.1
Granby	11,375	53	33.3	Portland	9,305	42	32				
Greenwich	62,727	353	40.2	Preston	4,638	30	46				

Age Distribution of COVID-19 Cases with Specimen Collection or Onset During January 17-30, 2020

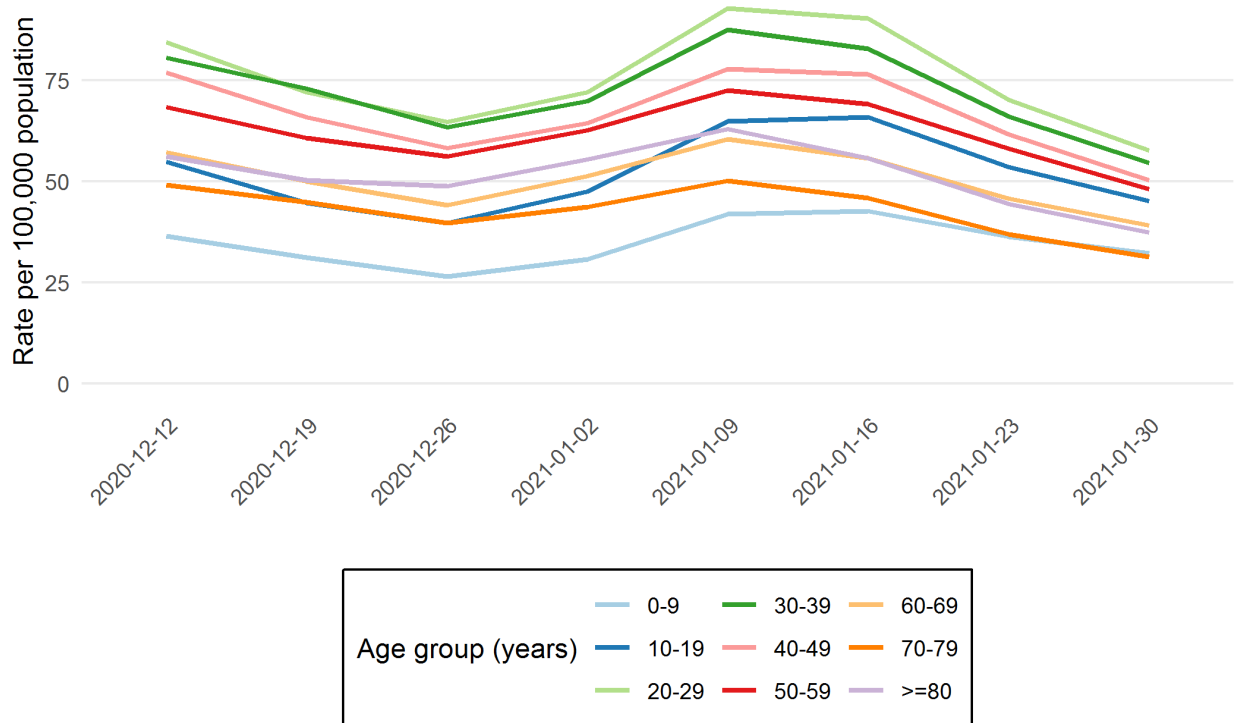


Average Daily Incidence by Age Group

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.

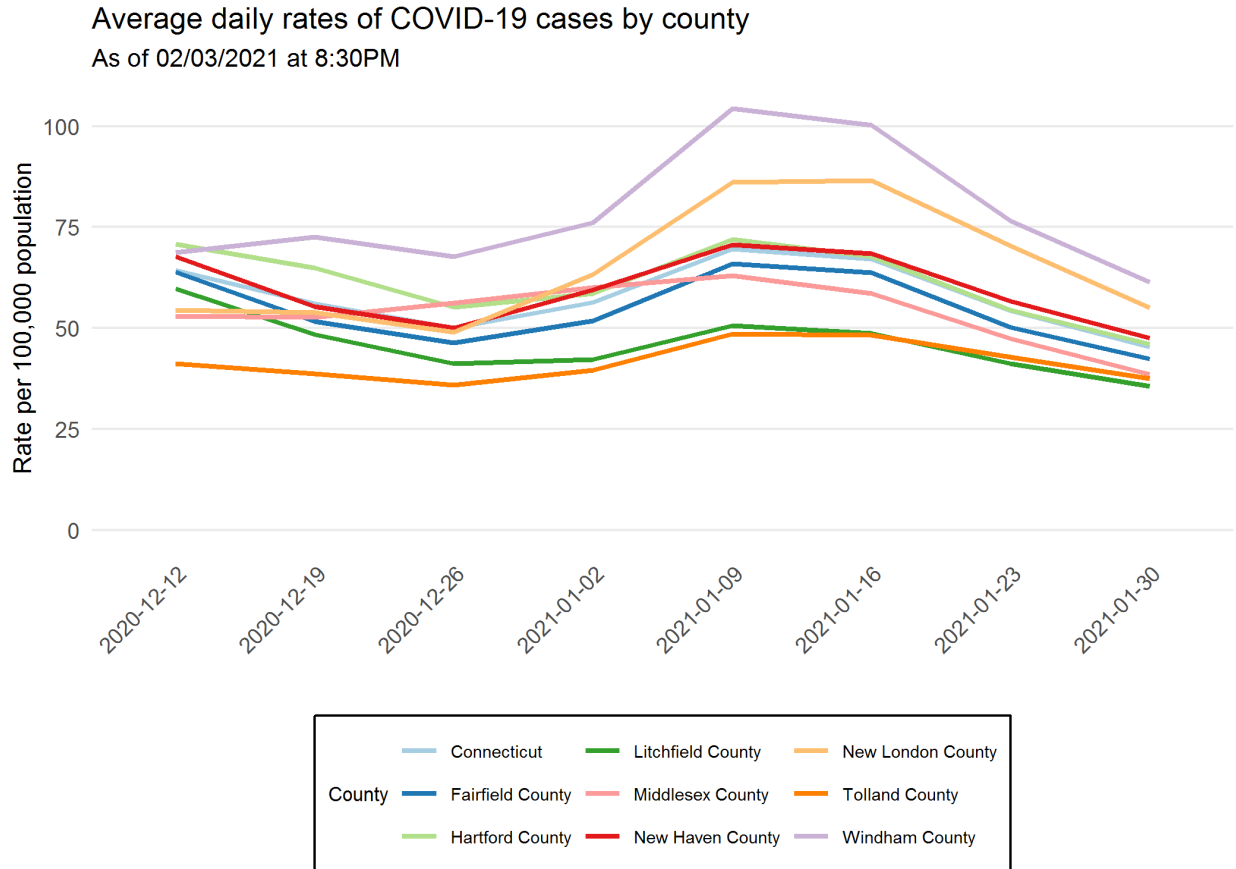
Average daily rate of COVID-19 cases by age group

As of 02/03/2021 at 8:30PM



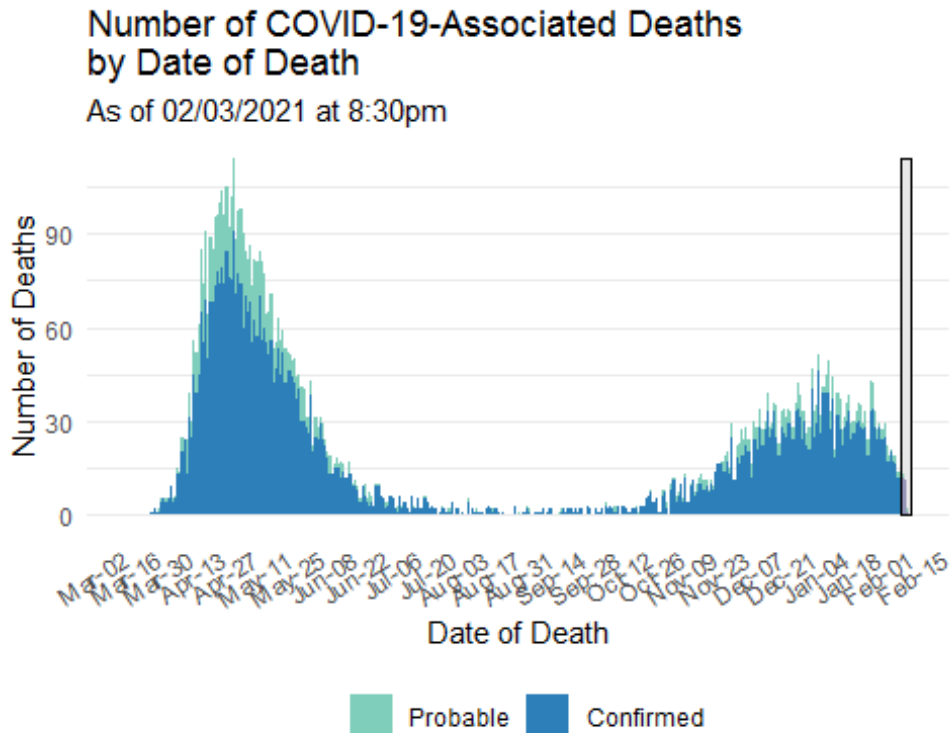
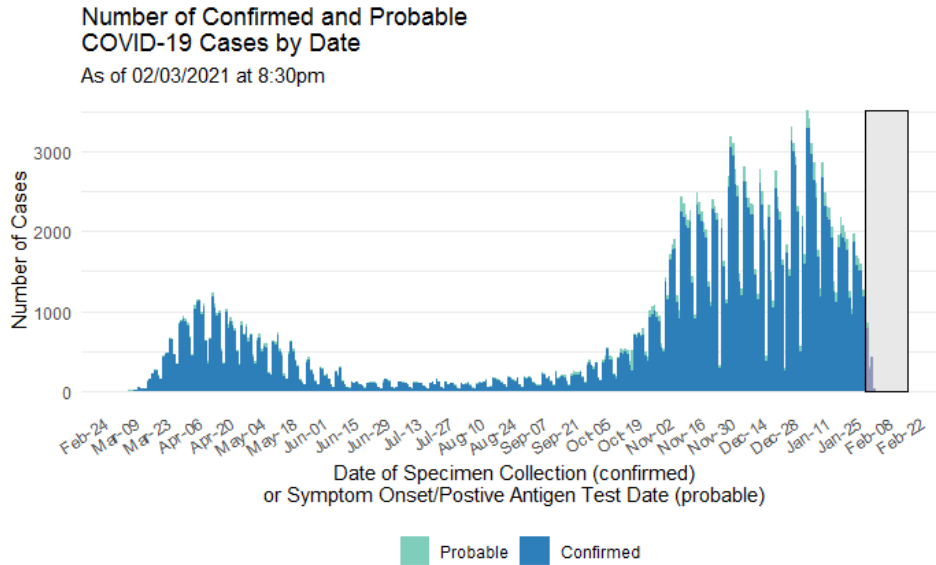
Average Daily Incidence by County

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.



Cumulative Number of COVID-19 Cases and COVID-19-Associated Death 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.

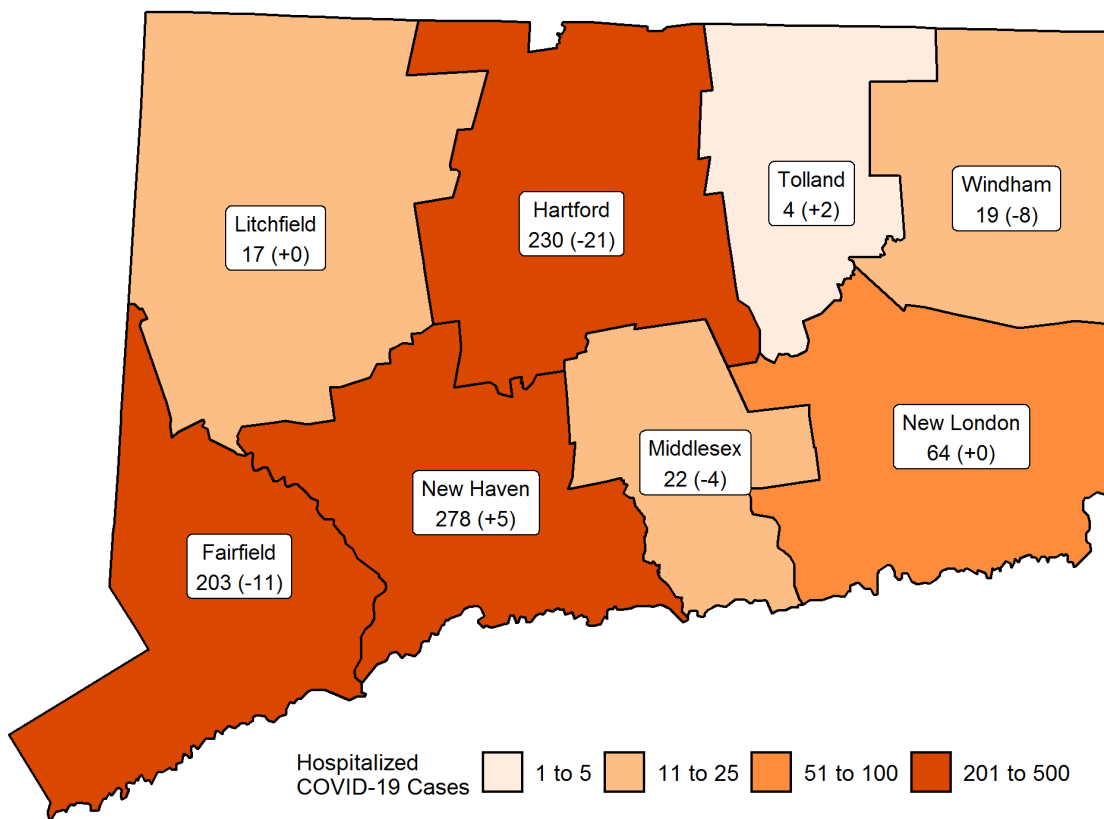


Hospitalization Surveillance

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

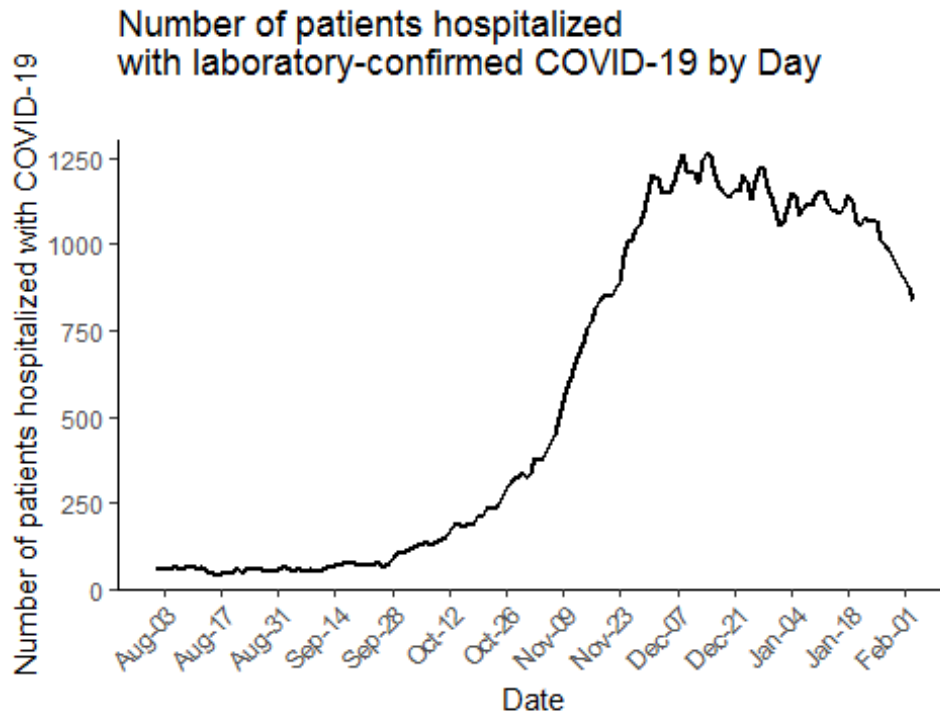
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



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.

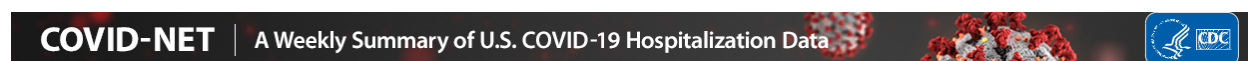


Weekly hospitalizations by age group in New Haven and Middlesex Counties

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.

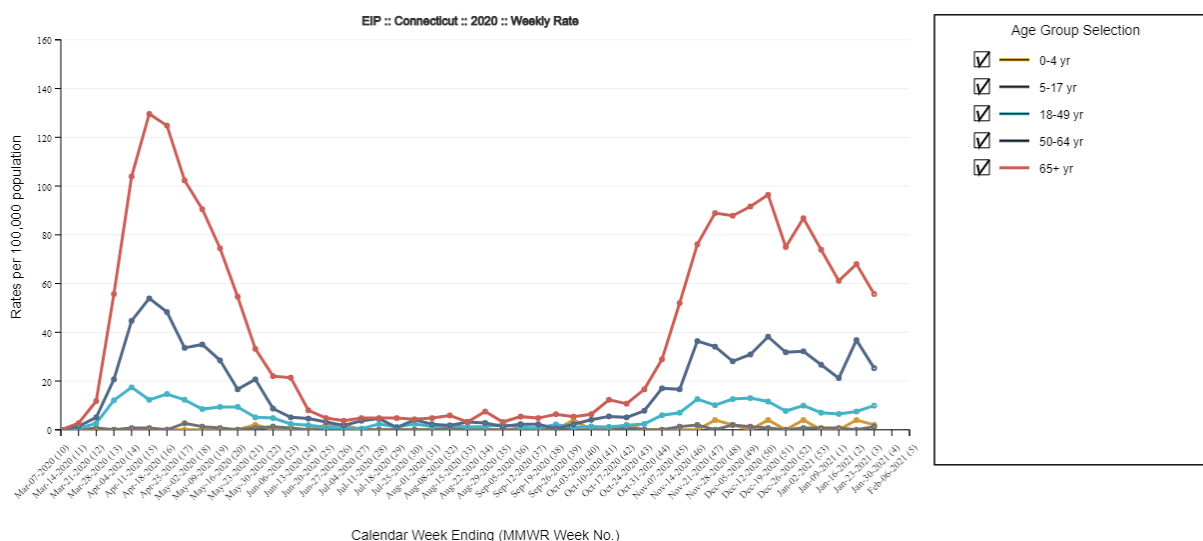
These data were collected by COVID-NET, the COVID-19-Associated Hospitalization Surveillance Network. Connecticut is one of 14 states that participate in COVID-NET, which conducts population-based surveillance for laboratory-confirmed COVID-19-associated hospitalizations. In Connecticut, COVID-NET surveillance 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

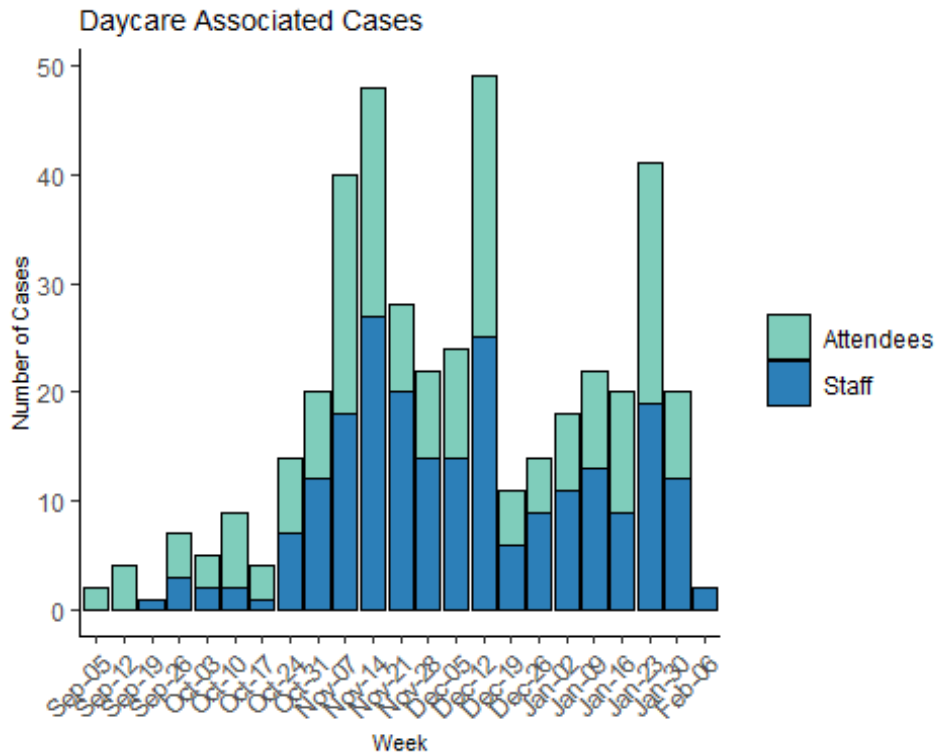
Preliminary weekly rates as of Jan 23, 2021



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

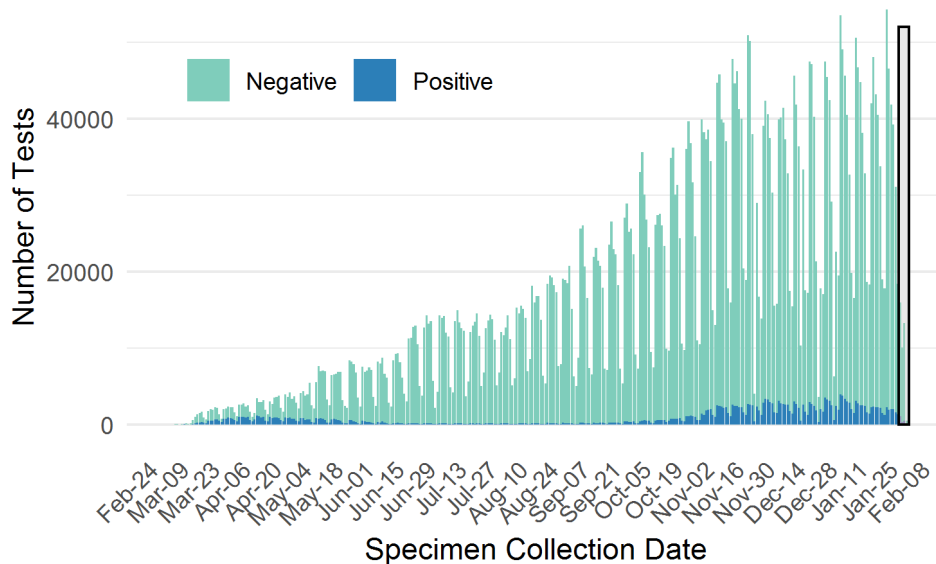
Molecular Tests

To date, DPH has received reports on a total of 5625209 molecular COVID-19 laboratory tests; of these 5277391 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 02/03/2021 at 8:30pm



Shading indicates data are incomplete for the current week.

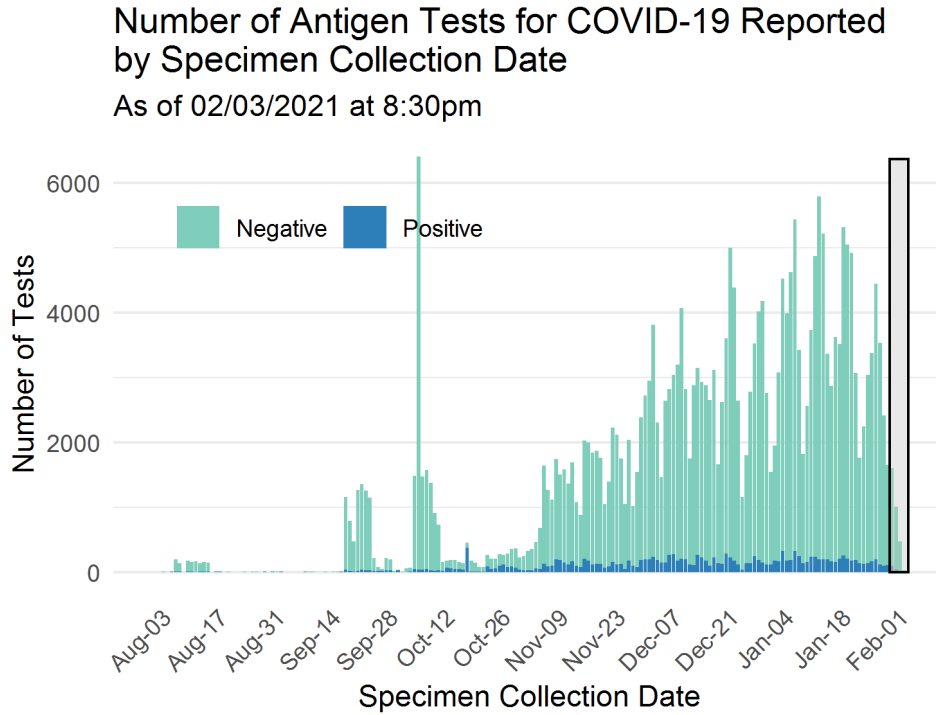
Testing of recently collected specimens is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

ELR = Electronic Laboratory Reporting

Antigen Tests

To date, DPH has received reports on a total of 271448 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.

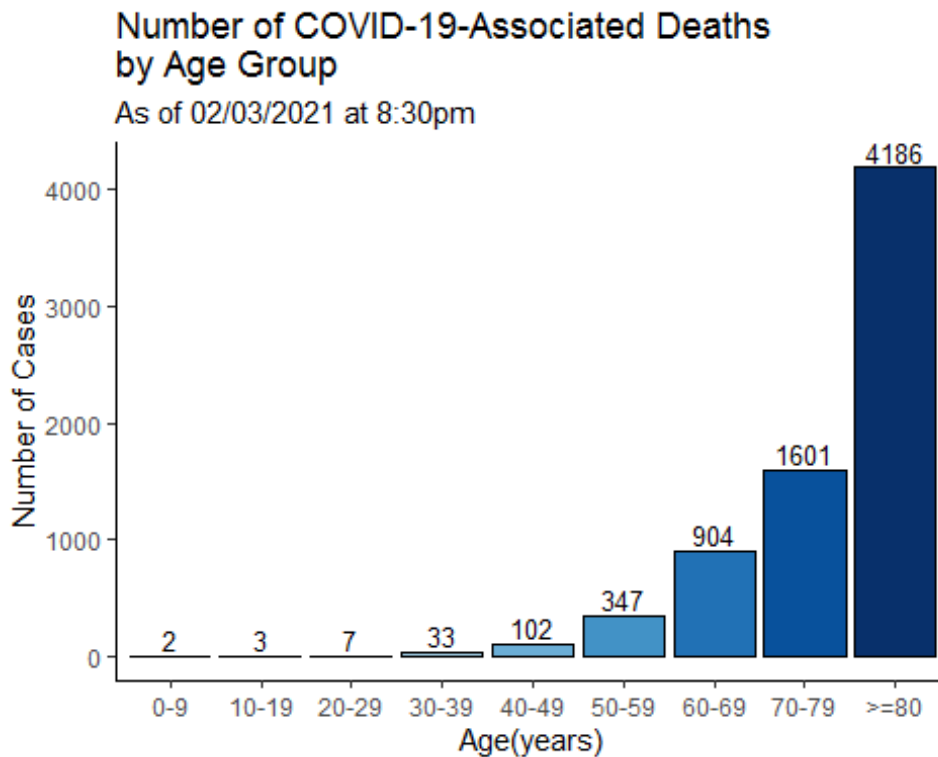
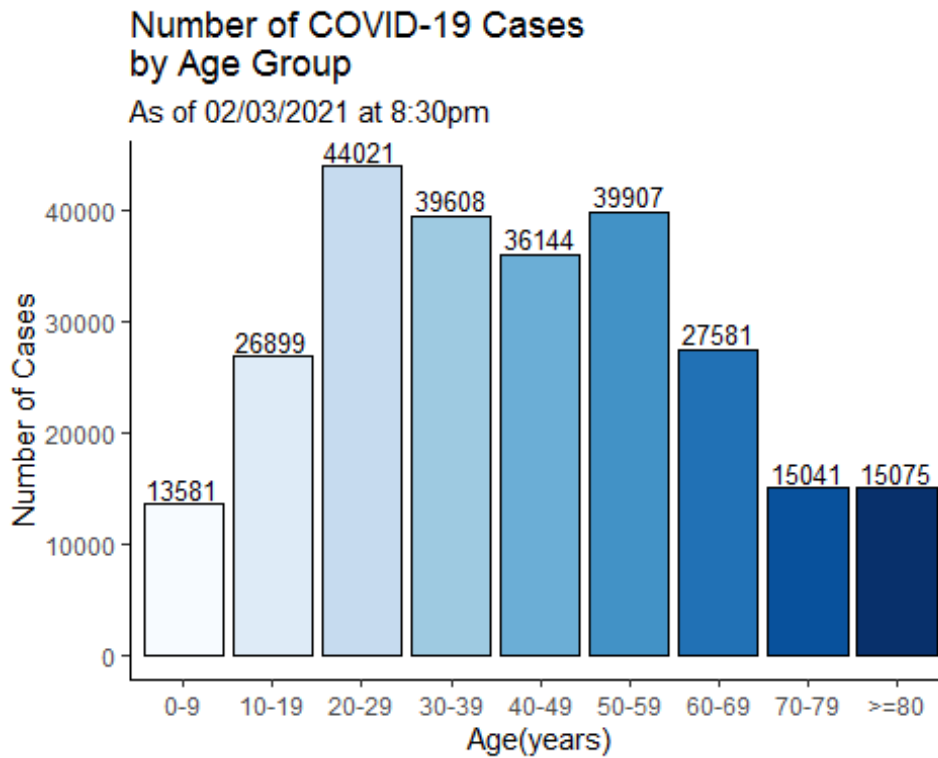


Shading indicates data are incomplete for the current week.

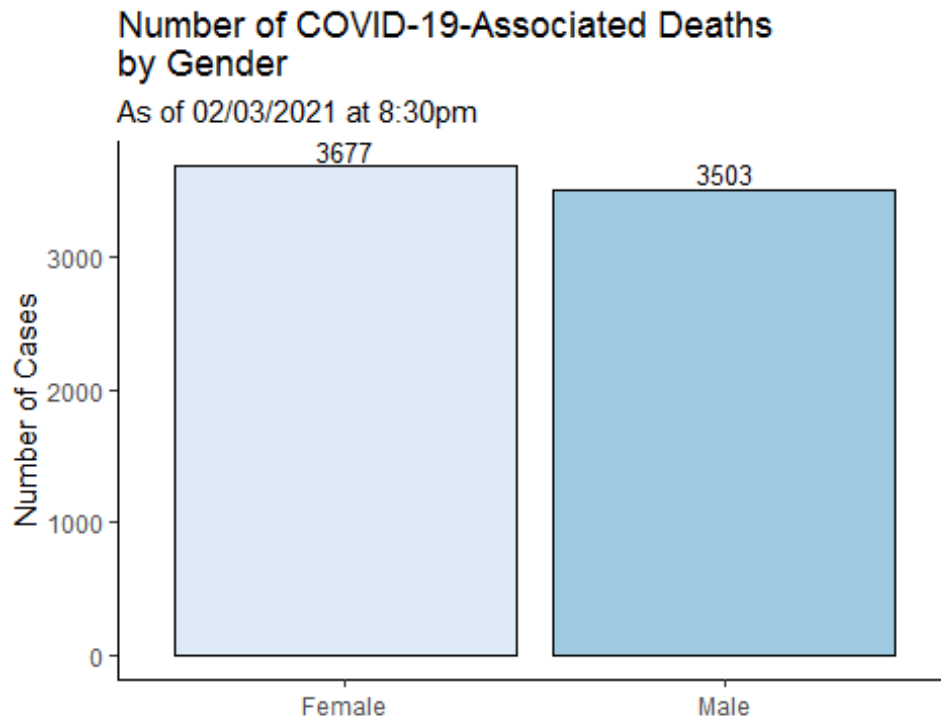
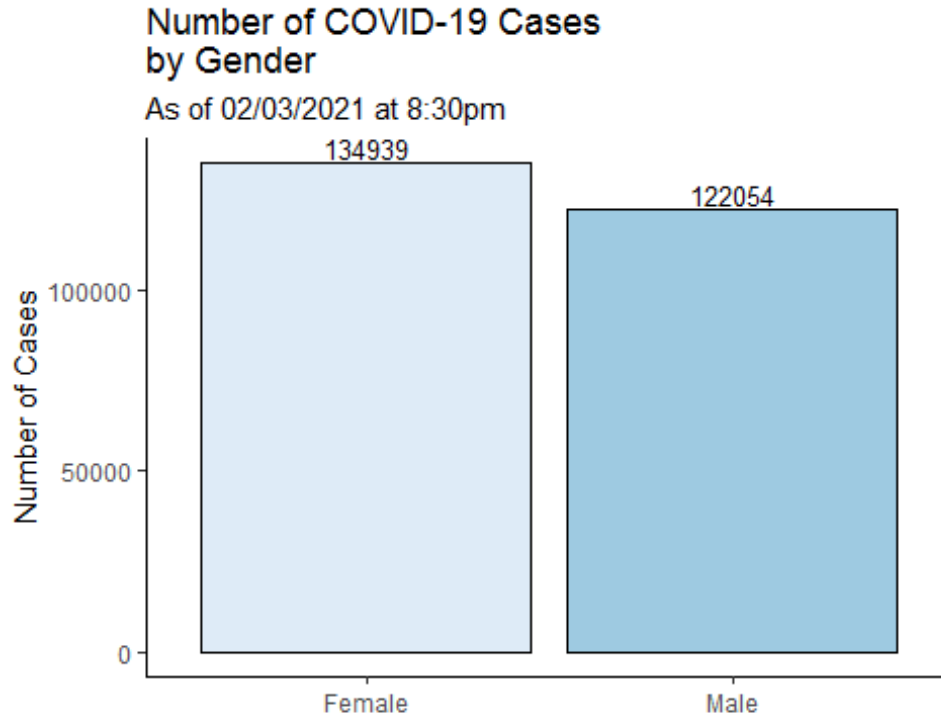
Testing of recently collected specimens is ongoing and does not reflect a decrease in testing.

Characteristics of COVID-19 Cases and Associated Deaths

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

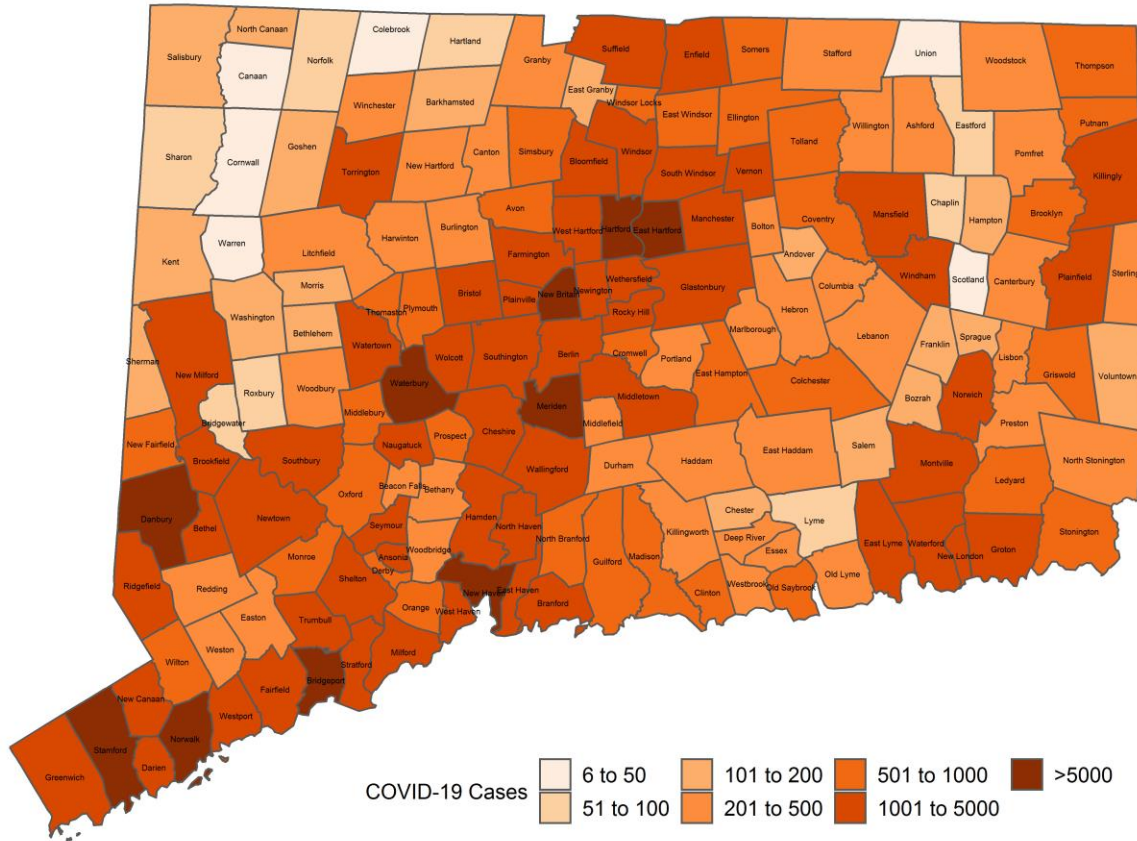


Counts may not add up to total case count because demographic data may be missing.



Cumulative Number of COVID-19 Cases by Town

Map does not include 853 cases pending address validation



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

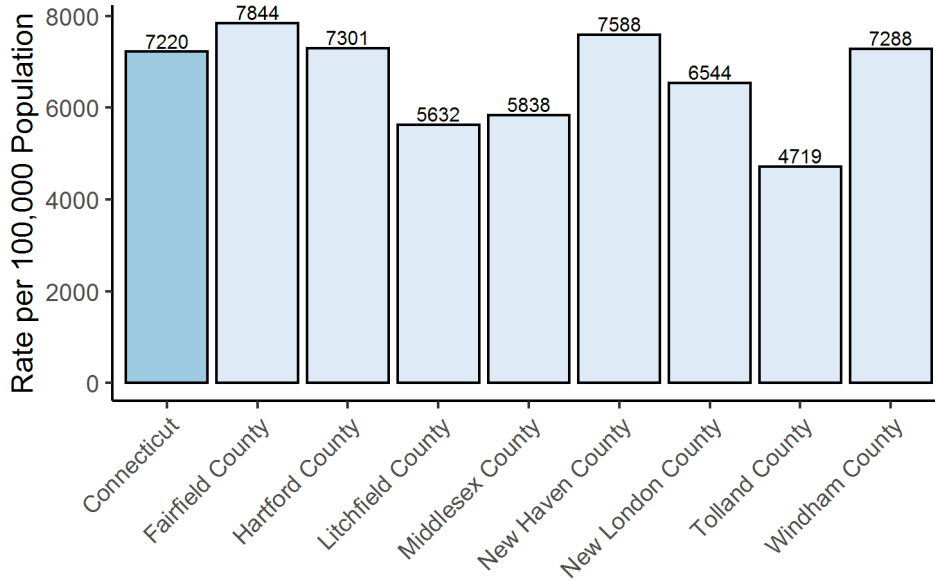
Table does not include 853 cases pending address validation

Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	124	11	Griswold	771	8	Prospect	586	46
Ansonia	1,221	135	Groton	1,995	89	Putnam	610	37
Ashford	201	4	Guilford	882	62	Redding	342	34
Avon	645	25	Haddam	358	26	Ridgefield	921	122
Barkhamsted	121	3	Hamden	3,882	329	Rocky Hill	1309	75
Beacon Falls	377	25	Hampton	145	1	Roxbury	68	14
Berlin	1,156	53	Hartford	12,748	419	Salem	166	1
Bethany	275	23	Hartland	69	1	Salisbury	102	3
Bethel	1,305	192	Harwinton	224	12	Scotland	35	0
Bethlehem	143	15	Hebron	370	23	Seymour	1130	79
Bloomfield	1,560	56	Kent	96	18	Sharon	74	2
Bolton	193	13	Killingly	1,293	48	Shelton	2534	213
Bozrah	184	1	Killingworth	245	21	Sherman	91	34
Branford	1,532	155	Lebanon	354	12	Simsbury	766	38
Bridgeport	13,781	722	Ledyard	771	8	Somers	704	54
Bridgewater	47	13	Lisbon	224	2	South Windsor	1203	48
Bristol	4,169	207	Litchfield	281	18	Southbury	966	75
Brookfield	982	194	Lyme	72	5	Southington	2453	260
Brooklyn	625	11	Madison	774	52	Sprague	181	2
Burlington	411	12	Manchester	3,579	187	Stafford	464	23
Canaan	7	0	Mansfield	952	100	Stamford	11503	468
Canterbury	321	5	Marlborough	291	20	Sterling	214	5
Canton	345	18	Meriden	5,777	325	Stonington	803	35
Chaplin	88	4	Middlebury	494	38	Stratford	3451	298
Cheshire	1,449	209	Middlefield	186	15	Suffield	901	201
Chester	171	7	Middletown	3,145	233	Thomaston	476	29
Clinton	635	36	Milford	3,117	286	Thompson	502	20
Colchester	876	58	Monroe	893	67	Tolland	677	39
Colebrook	33	2	Montville	1,358	36	Torrington	2494	73
Columbia	251	11	Morris	101	4	Trumbull	2147	171
Cornwall	38	0	Naugatuck	2,381	176	Union	30	1
Coventry	499	32	New Britain	7,512	307	Vernon	1508	84
Cromwell	905	53	New Canaan	973	60	Voluntown	156	1
Danbury	9,494	1,019	New Fairfield	674	102	Wallingford	3110	174
Darien	960	117	New Hartford	248	9	Warren	16	5
Deep River	213	15	New Haven	9,512	531	Washington	127	14
Derby	806	61	New London	2,658	36	Waterbury	10996	740
Durham	405	37	New Milford	1,280	343	Waterford	1241	43
East Granby	187	5	Newington	2,056	104	Watertown	1572	145
East Haddam	275	40	Newtown	1,191	188	West Hartford	3176	291
East Hampton	544	33	Norfolk	57	1	West Haven	3852	335
East Hartford	4,974	161	North Branford	746	94	Westbrook	337	24
East Haven	2,103	263	North Canaan	164	6	Weston	384	37
East Lyme	950	119	North Haven	1,481	171	Westport	1196	99
East Windsor	719	28	North Stonington	201	7	Wethersfield	2224	82
Eastford	68	1	Norwalk	8,206	435	Willington	196	13
Easton	277	19	Norwich	3,314	29	Wilton	768	80
Ellington	720	30	Old Lyme	259	5	Winchester	456	4
Enfield	2,585	70	Old Saybrook	649	38	Windham	2537	57
Essex	329	23	Orange	702	75	Windsor	2181	92
Fairfield	3,444	374	Oxford	615	39	Windsor Locks	808	20
Farmington	1,077	59	Plainfield	1,046	24	Wolcott	1296	95
Franklin	164	0	Plainville	1,102	86	Woodbridge	380	40
Glastonbury	1,532	87	Plymouth	625	42	Woodbury	429	34
Goshen	109	4	Pomfret	207	6	Woodstock	407	7
Granby	407	15	Portland	476	23			
Greenwich	3,232	239	Preston	262	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](#)

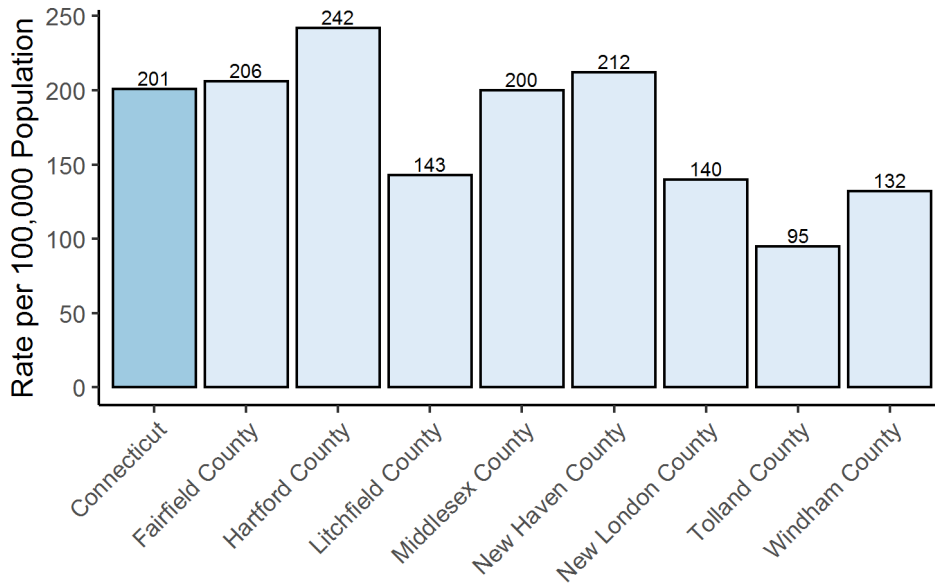
Rate of COVID-19 Cases Statewide and by County

As of 02/03/2021 at 8:30pm



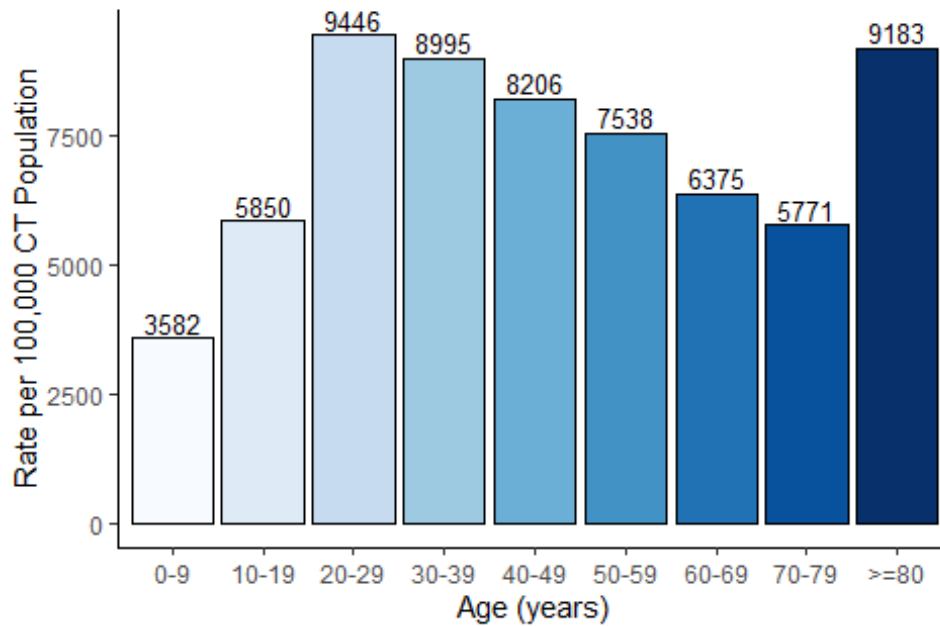
Rate of COVID-19-Associated Deaths Statewide and by County

As of 02/03/2021 at 8:30pm



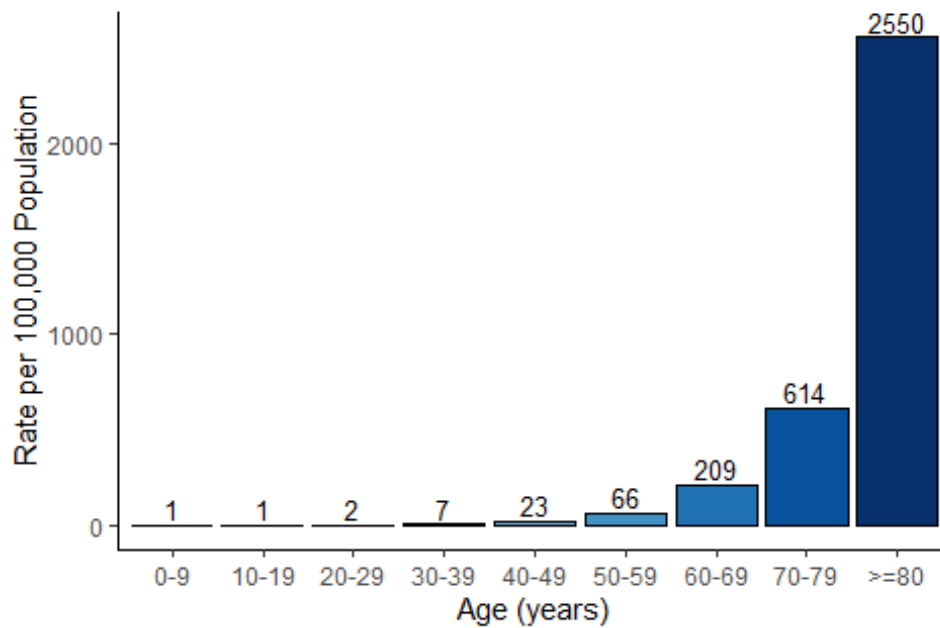
Rate of COVID-19 Cases by Age Group

As of 02/03/2021 at 8:30pm



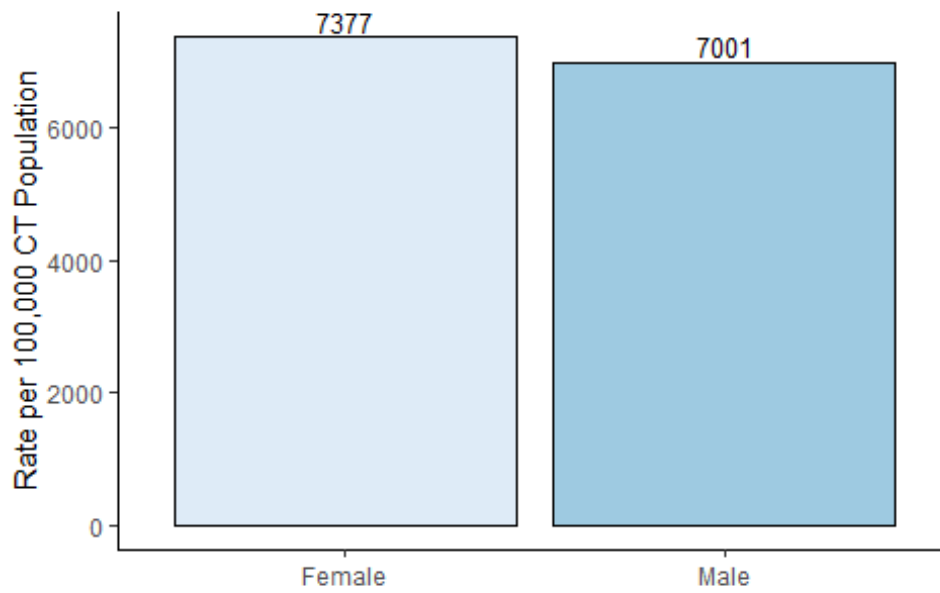
Rate of COVID-19-Associated Deaths by Age Group

As of 02/03/2021 at 8:30pm



Rate of COVID-19 Cases by Gender

As of 02/03/2021 at 8:30pm

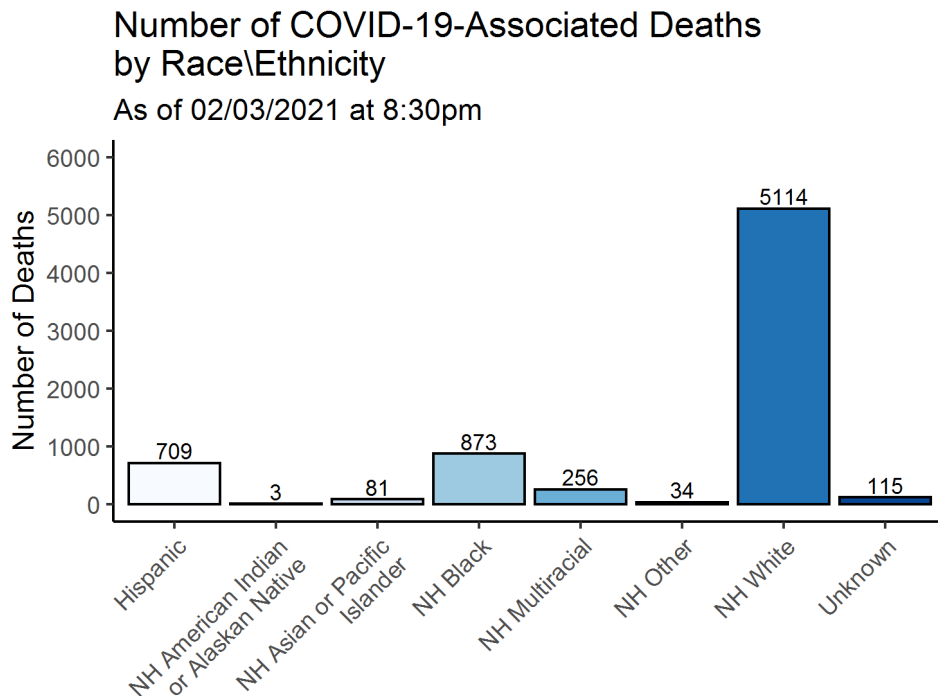
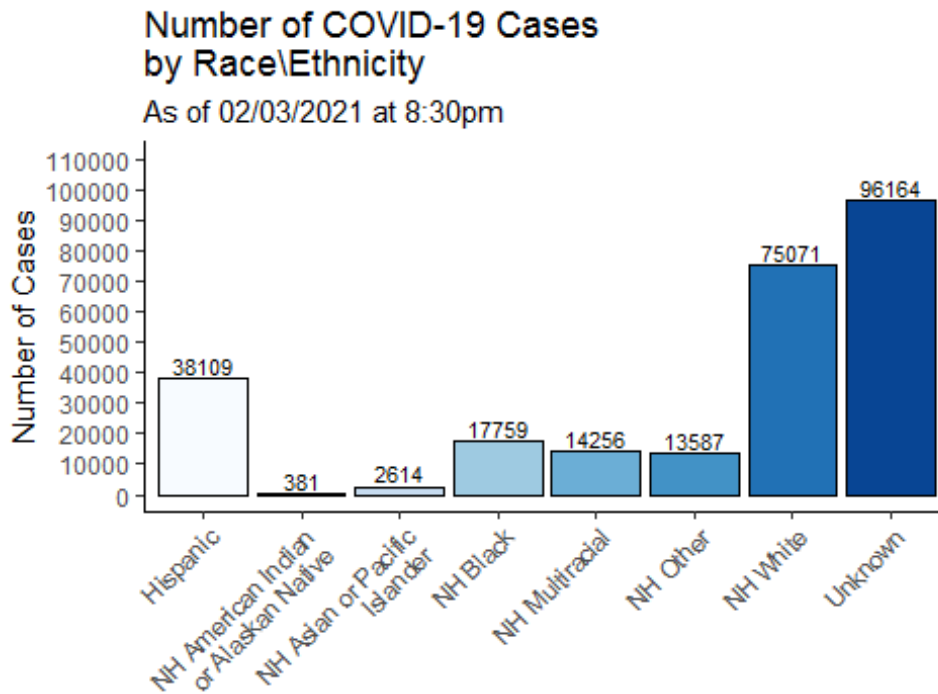


Rate of COVID-19-Associated Deaths by Gender

As of 02/03/2021 at 8:30pm

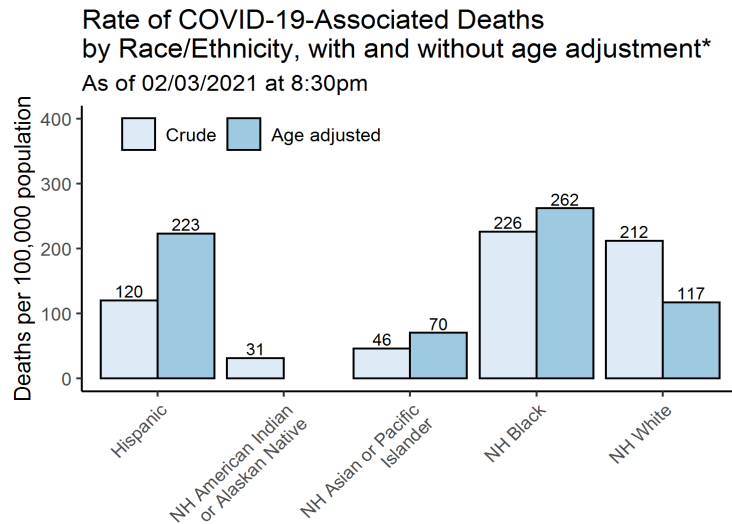
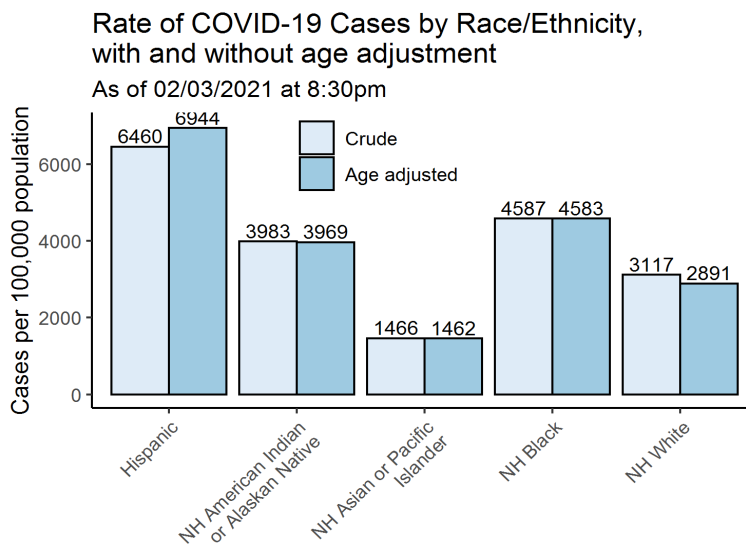


APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. Categories are mutually exclusive. The category “multiracial” includes people who answered ‘yes’ to more than one race category. NH=Non-Hispanic



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*