COVID-19 Update January 21, 2021

As of **January 20, 2021, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **235796**, including **221645** laboratory-confirmed and **14151** probable cases. **One thousand sixty-nine** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **6774** 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)	235796	+1662
COVID-19 Tests Reported (molecular and antigen)	5398349	+38960
Daily Test Positivity		4.27%
Patients Currently Hospitalized with COVID-19	1069	-55
COVID-19-Associated Deaths	6774	+48

*Includes confirmed plus probable cases

COVID-19 Cases and Associated Deaths by County of Residence *as of 01/20/21 8:30pm.*

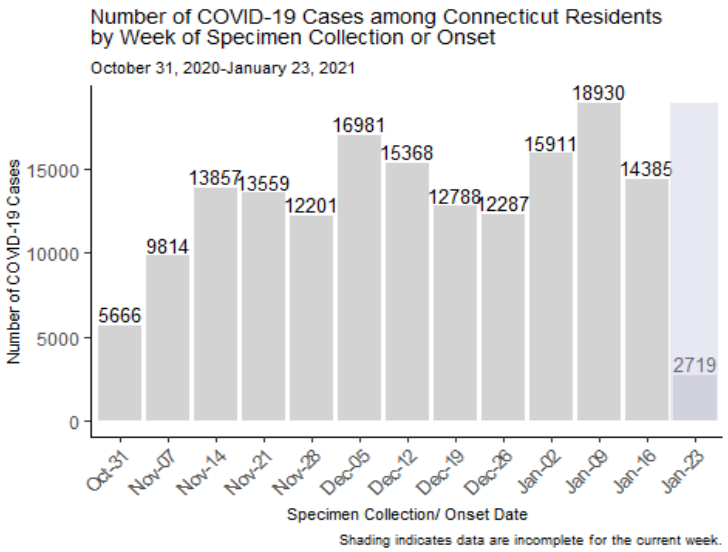
County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	63,591	4,921	1,487	391
Hartford County	56,850	2,723	1,649	388
Litchfield County	8,599	718	214	32
Middlesex County	8,137	509	233	70
New Haven County	55,410	4,175	1,478	251
New London County	15,052	431	254	80
Tolland County	5,960	382	98	27
Windham County	7,346	188	94	22
Pending address validation	700	104	4	2
Total	**221645**	**14151**	**5511**	**1263**

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

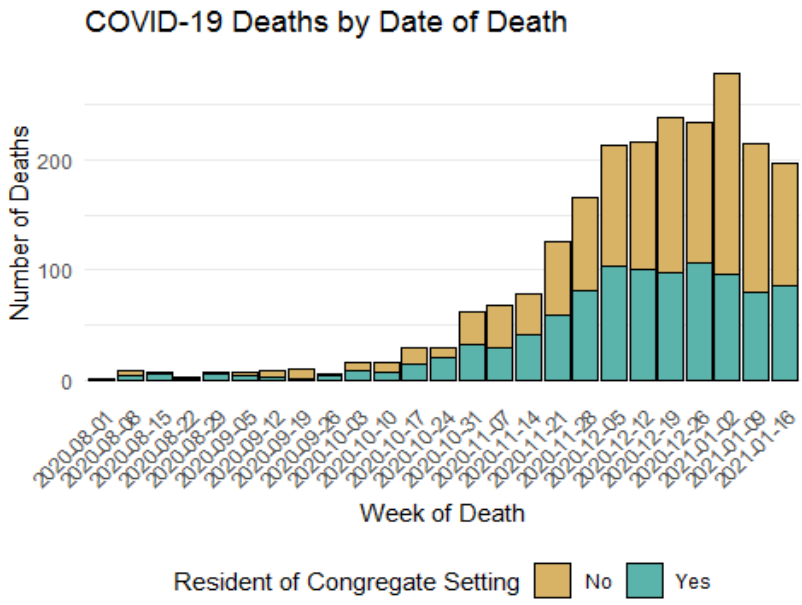
Day-to-day changes reflect newly reported cases, deaths, and tests that occurred over the last several days to week. All data in this report are preliminary; data for previous dates will be updated as new reports are received and data errors are corrected. Hospitalization data were collected by the Connecticut 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 03-16), there were 33,315 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.

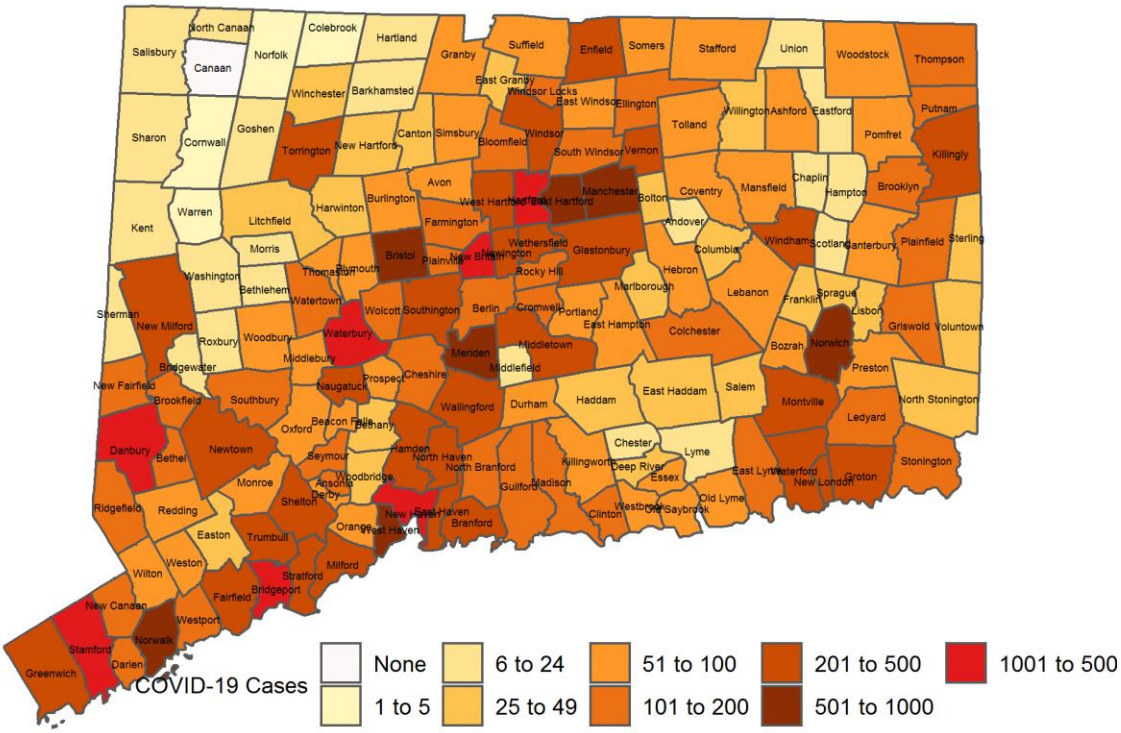


Community Transmission of COVID-19

Among 33,315 new COVID-19 cases with specimen collection or onset date during January 03-16, there were 32,772 cases among people living in community settings, as shown in the map below. This corresponds to an average of 65.52 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 84 towns.

Number of COVID-19 Cases among People Living in Community Settings by Town with Specimen Collection or Onset Date During January 03-16

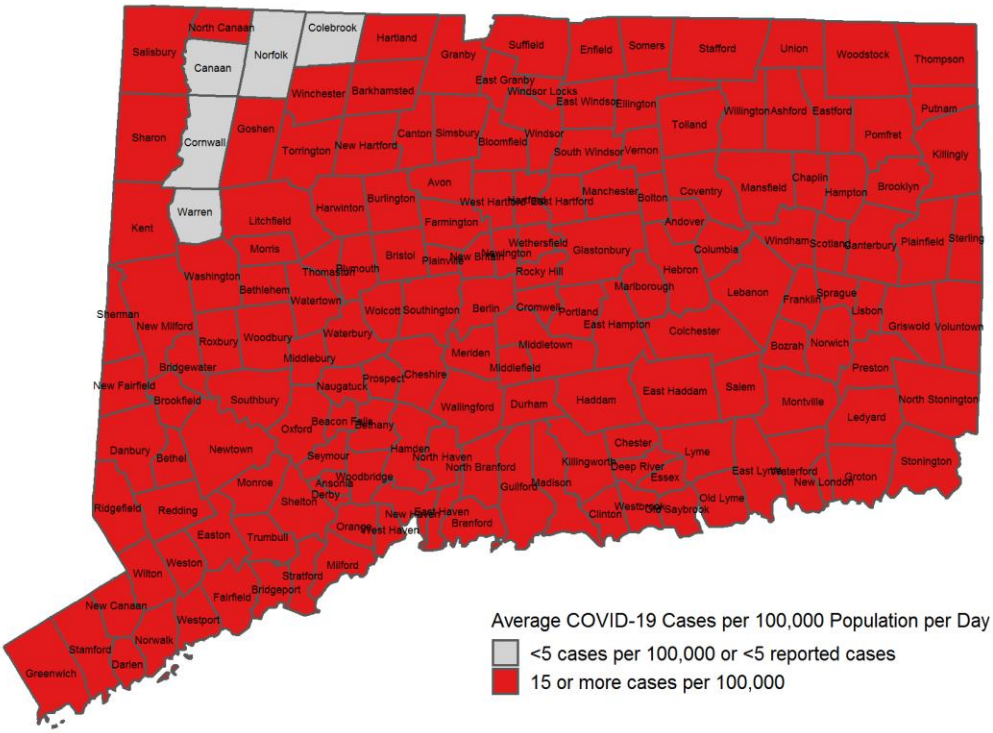


Map does not include 144 *cases pending address validation*

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 January 03-16, 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 January 03-16



Map does not include 144 *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 03-16, 2021

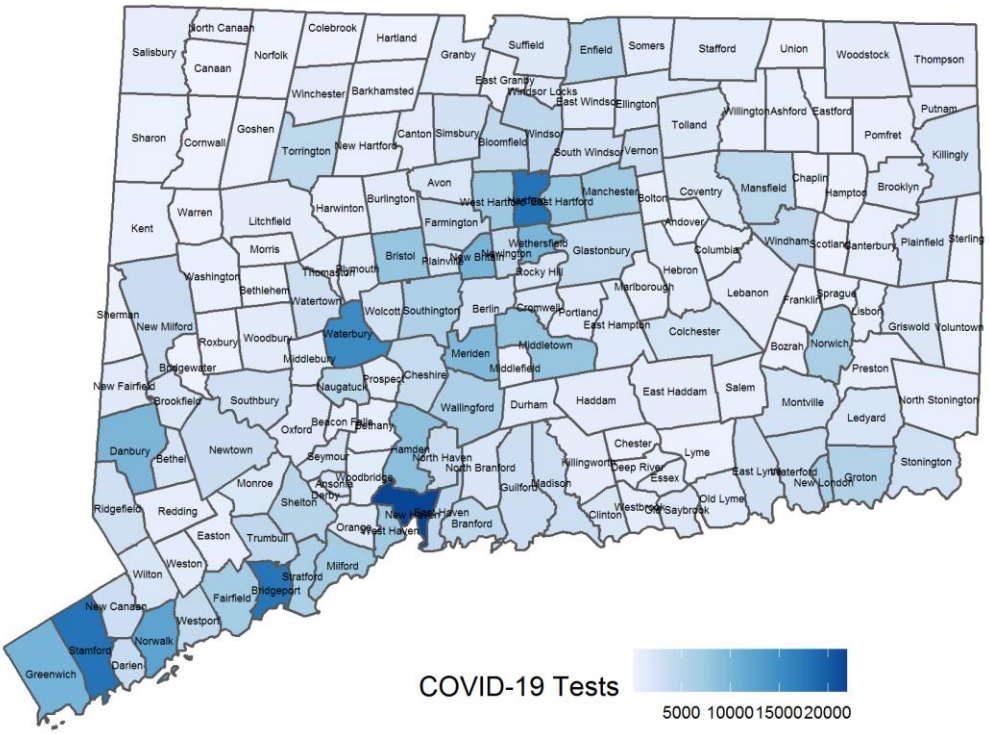
Map does not include 144 *cases pending address validation*

Town	Population	Cases	Rate	Town	Population	Cases	Rate	Town	Population	Cases	Rate
Andover	3,231	19	42.0	Griswold	11,591	154	95	Prospect	9790	65	47.4
Ansonia	18,721	170	64.9	Groton	38,692	391	72	Putnam	9395	171	130
Ashford	4,261	59	98.9	Guilford	22,216	165	53	Redding	9125	56	43.8
Avon	18,302	62	24.2	Haddam	8,222	48	42	Ridgefield	25008	126	36
Barkhamsted	3,624	25	49.3	Hamden	60,940	460	54	Rocky Hill	20145	155	55
Beacon Falls	6,182	60	69.3	Hampton	1,853	20	77	Roxbury	2160	10	33.1
Berlin	20,432	183	64.0	Hartford	122,587	1,448	84	Salem	4123	34	58.9
Bethany	5,479	50	65.2	Hartland	2,120	20	67	Salisbury	3598	14	27.8
Bethel	19,714	190	68.8	Harwinton	5,430	30	40	Scotland	1685	8	33.9
Bethlehem	3,422	21	43.8	Hebron	9,482	64	48	Seymour	16509	199	86.1
Bloomfield	21,301	156	52.3	Kent	2,785	16	41	Sharon	2703	13	34.4
Bolton	4,890	47	68.7	Killingly	17,287	245	101	Shelton	41097	280	48.7
Bozrah	2,537	51	143.6	Killingworth	6,370	51	57	Sherman	3614	8	15.8
Branford	28,005	229	58.4	Lebanon	7,207	71	70	Simsbury	24979	99	28.3
Bridgeport	144,900	1,387	68.4	Ledyard	14,736	136	66	Somers	10834	100	65.9
Bridgewater	1,641	7	30.5	Lisbon	4,248	47	79	South Windsor	26054	184	50.4
Bristol	60,032	627	74.6	Litchfield	8,127	44	39	Southbury	19656	118	42.9
Brookfield	17,002	153	64.3	Lyme	2,338	18	55	Southington	43807	374	61
Brooklyn	8,280	112	96.6	Madison	18,106	125	49	Sprague	2889	28	69.2
Burlington	9,665	74	54.7	Manchester	57,699	512	63	Stafford	11884	87	52.3
Canaan	1,055	0	0.0	Mansfield	25,817	100	28	Stamford	129775	1279	70.4
Canterbury	5,100	73	102.2	Marlborough	6,358	27	30	Sterling	3780	28	52.9
Canton	10,270	49	34.1	Meriden	59,540	732	88	Stonington	18449	182	70.5
Chaplin	2,256	15	47.5	Middlebury	7,731	57	53	Stratford	51967	462	63.5
Cheshire	29,179	178	43.6	Middlefield	4,380	17	28	Suffield	15743	90	40.8
Chester	4,229	15	25.3	Middletown	46,146	434	67	Thomaston	7560	63	59.5
Clinton	12,950	104	57.4	Milford	54,661	493	64	Thompson	9395	129	98.1
Colchester	15,936	189	84.7	Monroe	19,470	100	37	Tolland	14655	79	38.5
Colebrook	1,405	3	15.3	Montville	18,716	230	88	Torrington	34228	299	62.4
Columbia	5,385	40	53.1	Morris	2,262	10	32	Trumbull	35802	264	52.7
Cornwall	1,368	1	5.2	Naugatuck	31,288	333	76	Union	840	6	51
Coventry	12,414	71	40.9	New Britain	72,453	1,001	99	Vernon	29303	222	54.1
Cromwell	13,905	118	60.6	New Canaan	20,213	141	50	Voluntown	2535	44	124
Danbury	84,730	1,121	94.5	New Fairfield	13,877	126	65	Wallingford	44535	353	56.6
Darien	21,753	172	56.5	New Hartford	6,685	40	43	Warren	1399	4	20.4
Deep River	4,463	26	41.6	New Haven	130,418	1,226	67	Washington	3434	22	45.8
Derby	12,515	95	54.2	New London	26,939	457	121	Waterbury	108093	1171	77.4
Durham	7,195	64	63.5	New Milford	26,974	216	57	Waterford	18887	214	80.9
East Granby	5,147	29	40.2	Newington	30,112	247	59	Watertown	21641	176	58.1
East Haddam	8,988	35	27.8	Newtown	27,774	251	65	West Hartford	62939	356	40.4
East Hampton	12,854	94	52.2	Norfolk	1,640	3	13	West Haven	54879	538	70
East Hartford	49,998	695	99.3	North Branford	14,158	123	62	Westbrook	6914	66	68.2
East Haven	28,699	388	96.6	North Canaan	3,254	19	42	Weston	10247	59	41.1
East Lyme	18,645	134	51.3	North Haven	23,691	236	71	Westport	28115	162	41.2
East Windsor	11,375	84	52.7	North Stonington	5,243	30	41	Wethersfield	26082	447	122.4
Eastford	1,790	10	39.9	Norwalk	89,047	987	79	Willington	5887	34	41.3
Easton	7,517	45	42.8	Norwich	39,136	606	111	Wilton	18397	88	34.2
Ellington	16,299	126	55.2	Old Lyme	7,366	60	58	Winchester	10655	46	30.8
Enfield	44,466	324	52.0	Old Saybrook	10,087	92	65	Windham	24706	409	118.2
Essex	6,674	53	56.7	Orange	13,949	89	46	Windsor	28760	277	68.8
Fairfield	61,952	314	36.2	Oxford	13,226	100	54	Windsor Locks	12876	111	61.6
Farmington	25,506	176	49.3	Plainfield	15,173	179	84	Wolcott	16649	166	71.2
Franklin	1,933	29	107.2	Plainville	17,623	141	57	Woodbridge	8805	43	34.9
Glastonbury	34,491	206	42.7	Plymouth	11,645	84	52	Woodbury	9537	53	39.7
Goshen	2,879	12	29.8	Pomfret	4,204	57	97	Woodstock	7862	84	76.3
Granby	11,375	62	38.9	Portland	9,305	81	62				
Greenwich	62,727	398	45.3	Preston	4,638	54	83				

COVID-19 Molecular and Antigen Tests during January 03-16

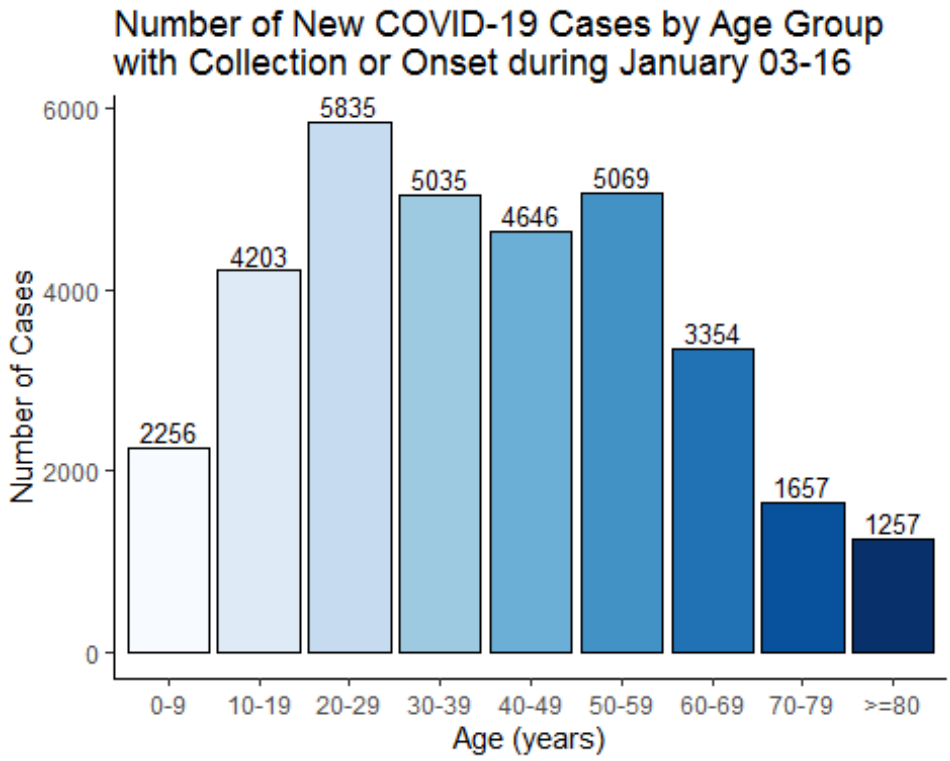
Among 521,906 molecular and antigen tests for COVID-19 with specimen collection date during January 03-16, 489,800 (94%) tests were conducted among people who did not reside in congregate settings (including nursing homes, assisted living, and correctional facilities). Of these 489,800 tests, 38,876 (8%) were positive. The map below shows the number of molecular and antigen COVID-19 tests by town with specimen collection date during January 03-16 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 January 03-16



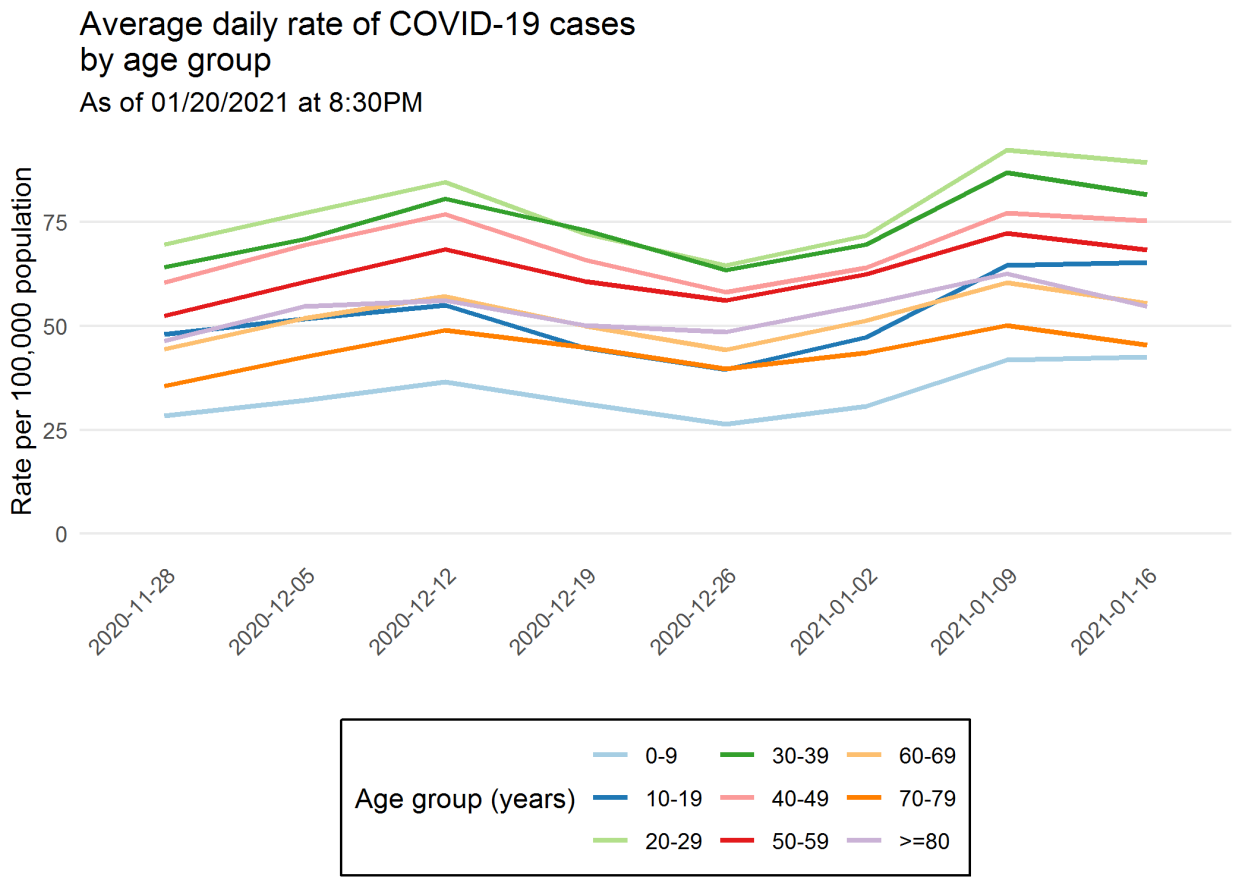
Map does not include tests pending address validation

Age Distribution of COVID-19 Cases with Specimen Collection or Onset During January 03-16, 2020



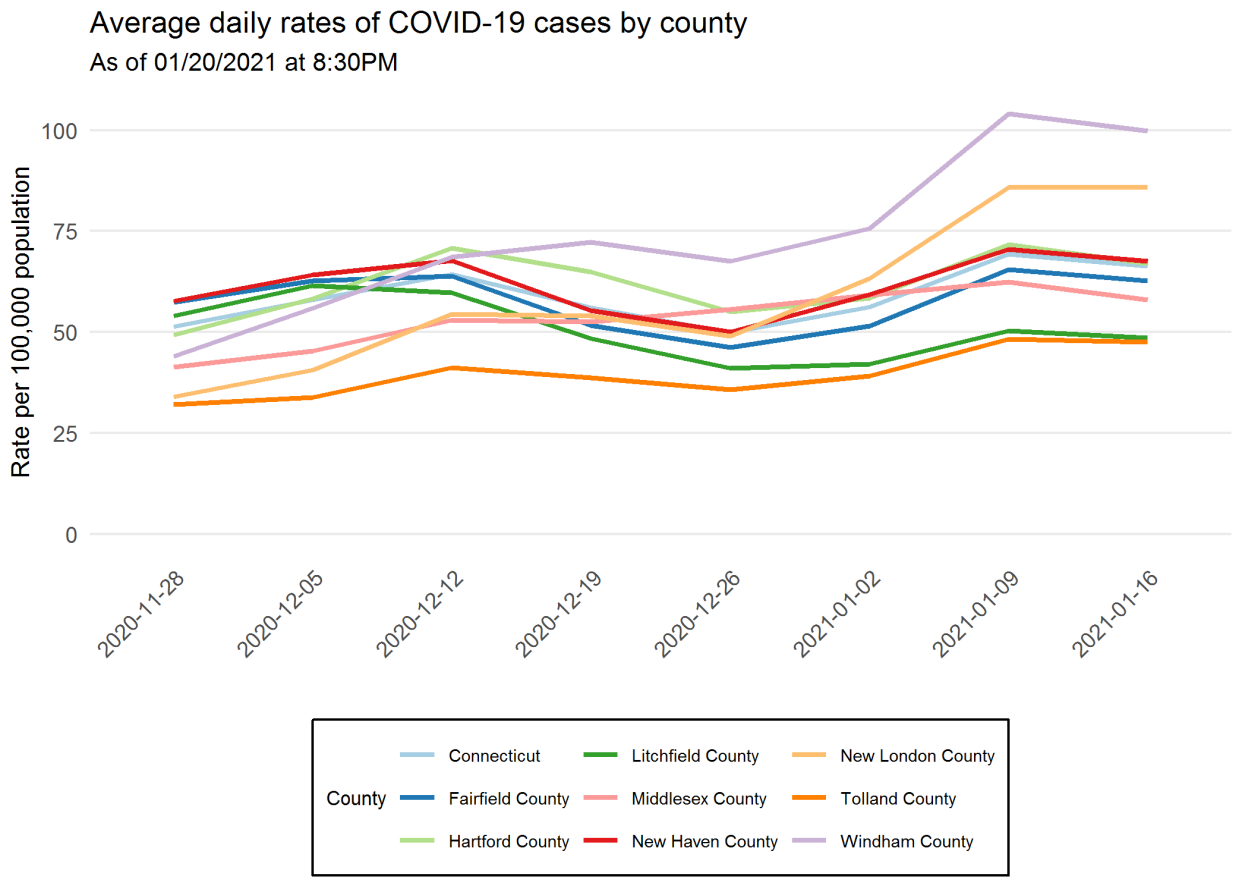
Average Daily Incidence by Age Group

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.



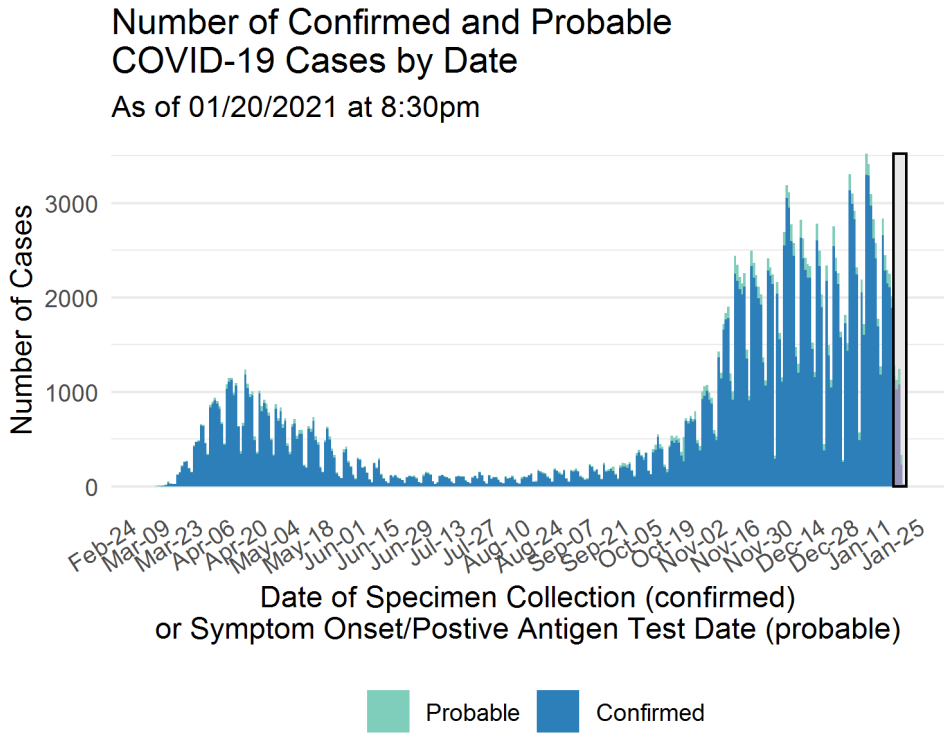
Average Daily Incidence by County

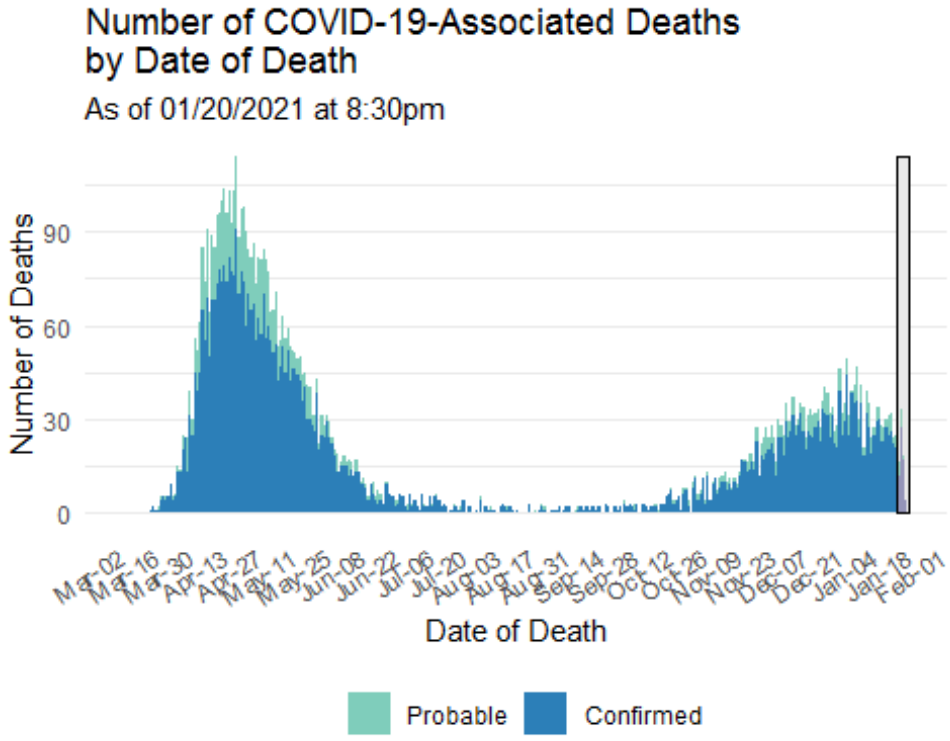
The chart below shows the average number of new COVID-19 cases per day per 100,000 population in the state of Connecticut and for each Connecticut county. The rates in this chart are calculated by averaging the number of new cases diagnosed each day during the previous two weeks, dividing by the annual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



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.



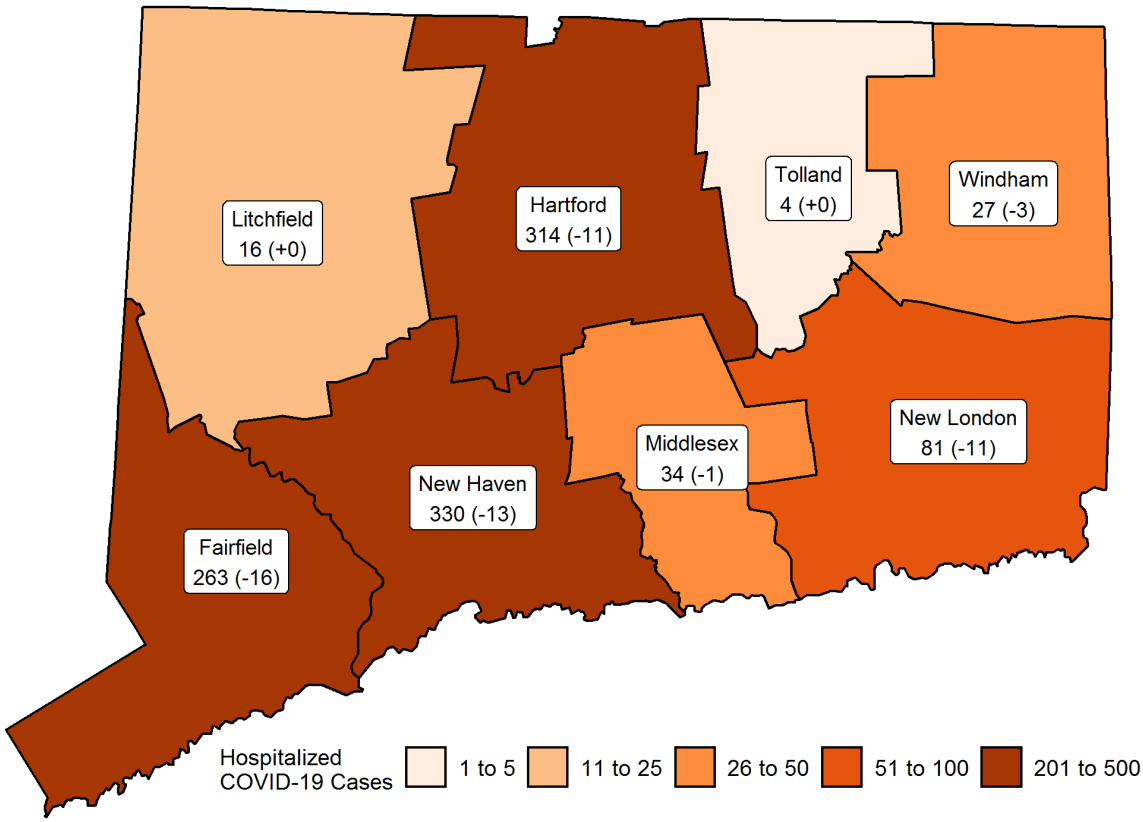


Hospitalization Surveillance

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

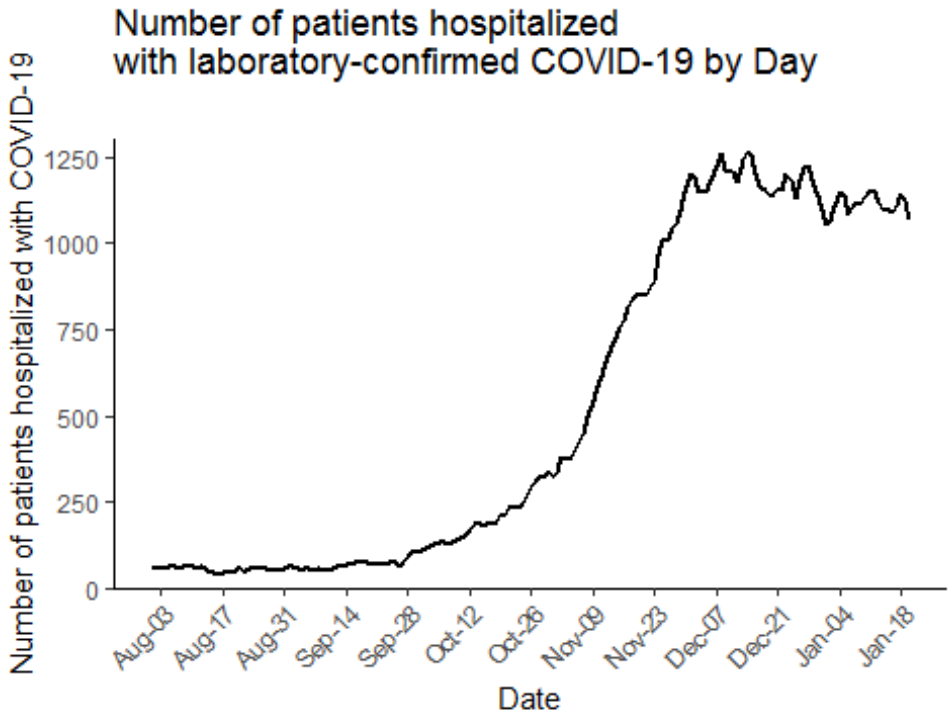
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



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.

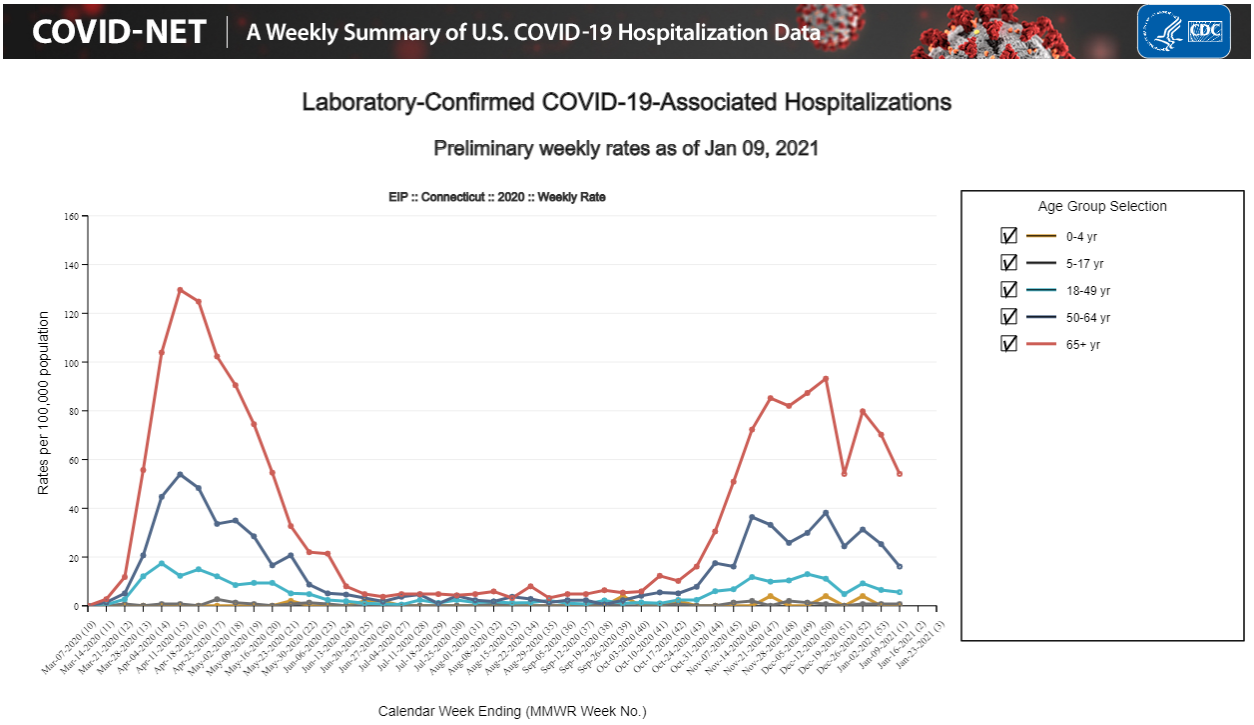


Weekly hospitalizations by age group in New Haven and Middlesex Counties

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.

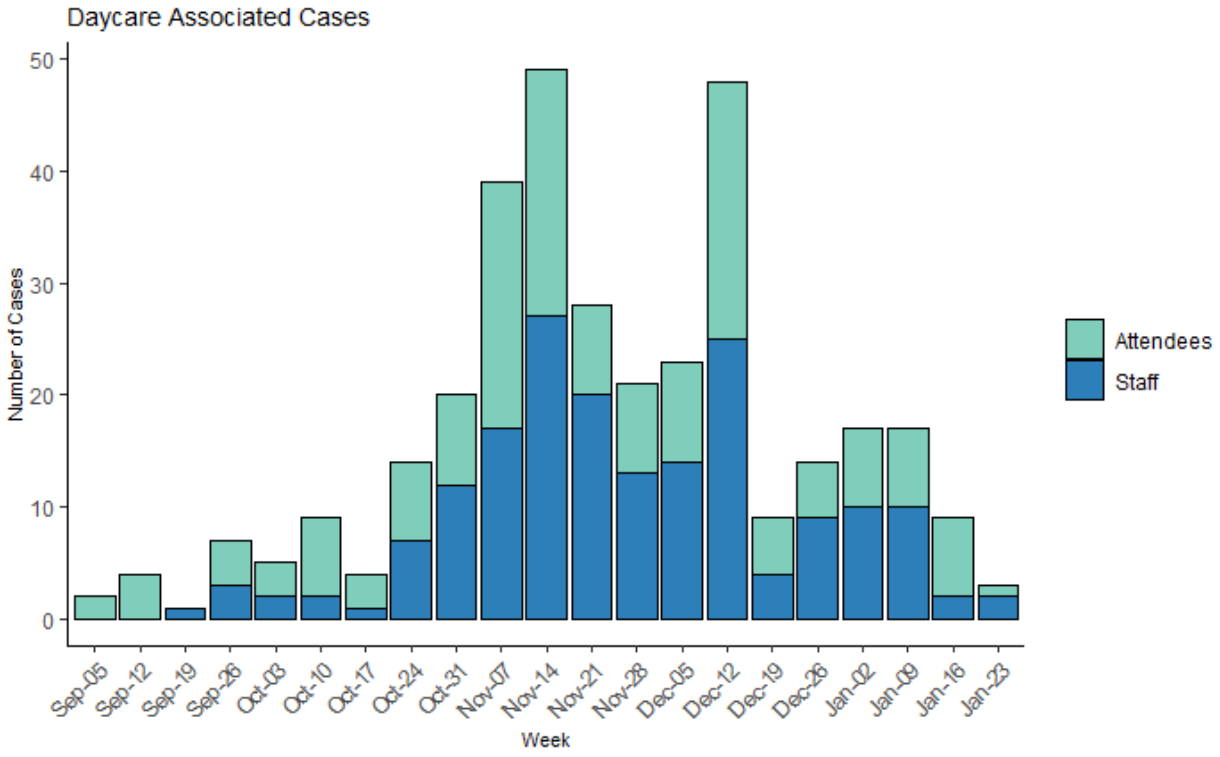
COVID-NET hospitalization data are preliminary and subject to change as more data become available. In particular, case counts and rates for recent hospital admissions are subject to lag. As data are received each week, prior case counts and rates are updated.



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.

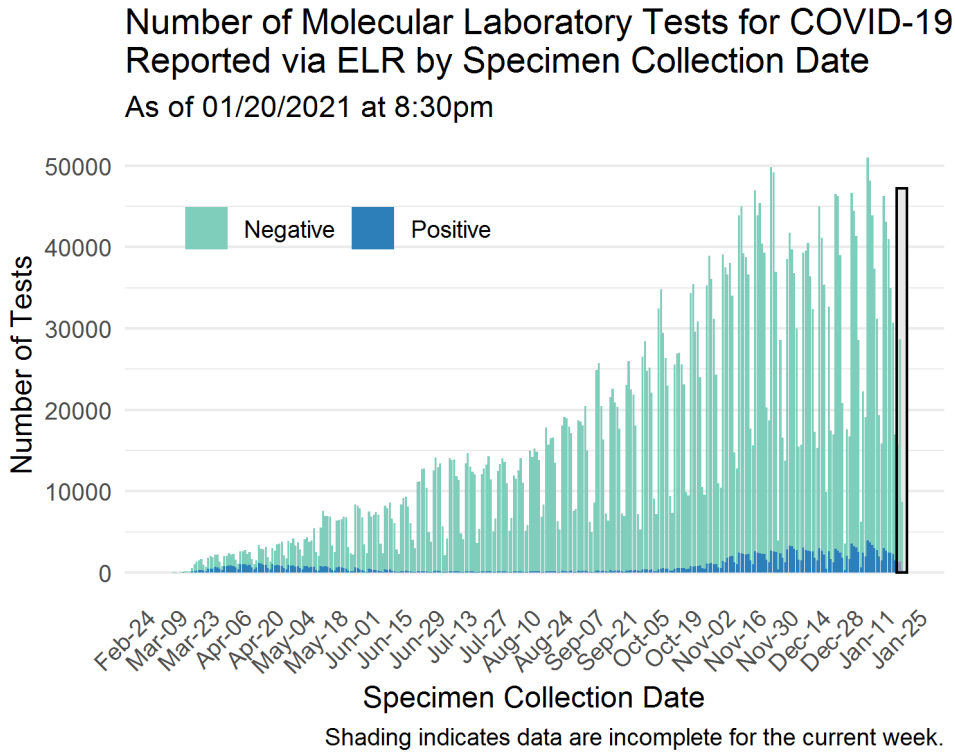


Laboratory Surveillance

Molecular Tests

To date, DPH has received reports on a total of 5181696 molecular COVID-19 laboratory tests; of these 4778324 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.



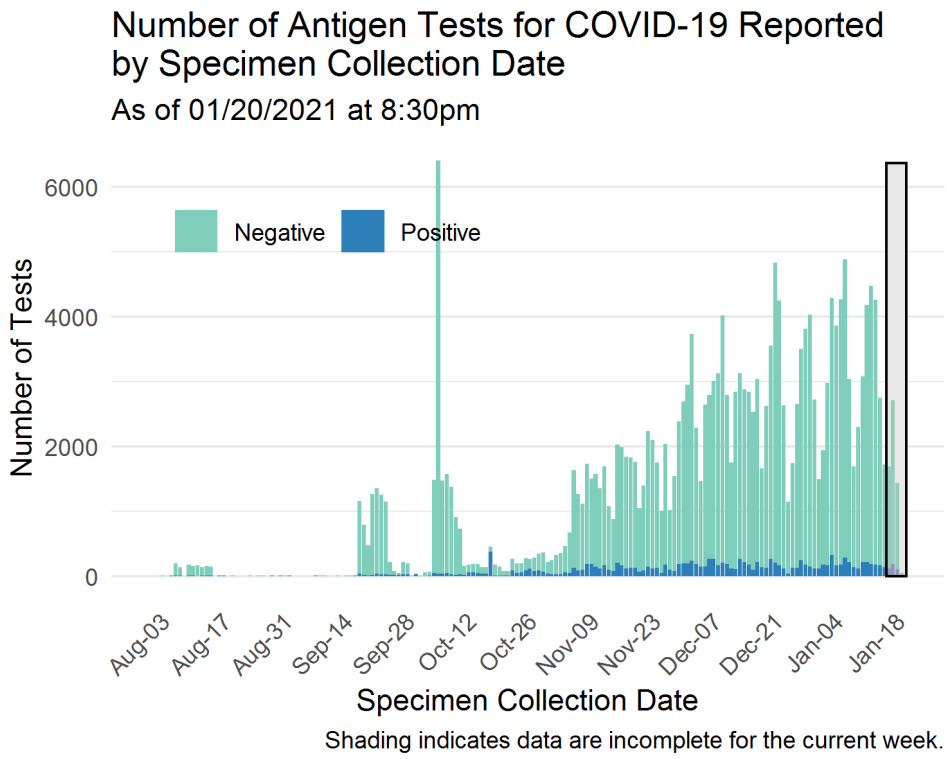
Testing of recently collected specimens is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

ELR = Electronic Laboratory Reporting

Antigen Tests

To date, DPH has received reports on a total of 216653 COVID-19 antigen laboratory tests. The chart below shows the number of antigen tests reported to DPH by specimen collection date and test result.

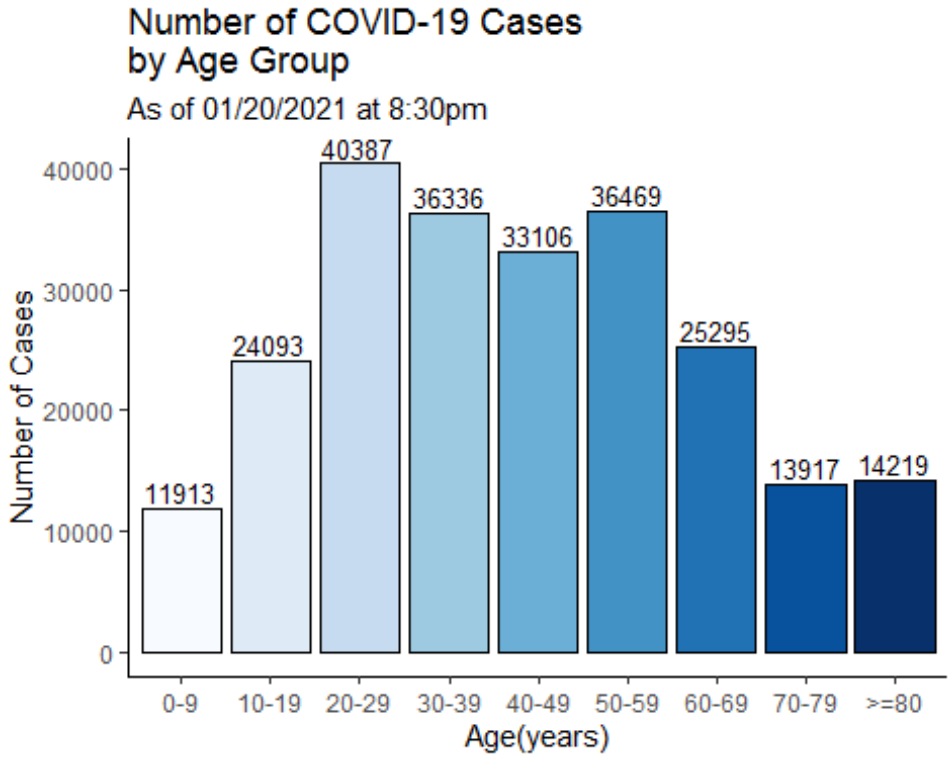
Test results may be reported several days after specimen collection. Data are incomplete for most recent dates shaded in grey. Data for previous dates are routinely updated.

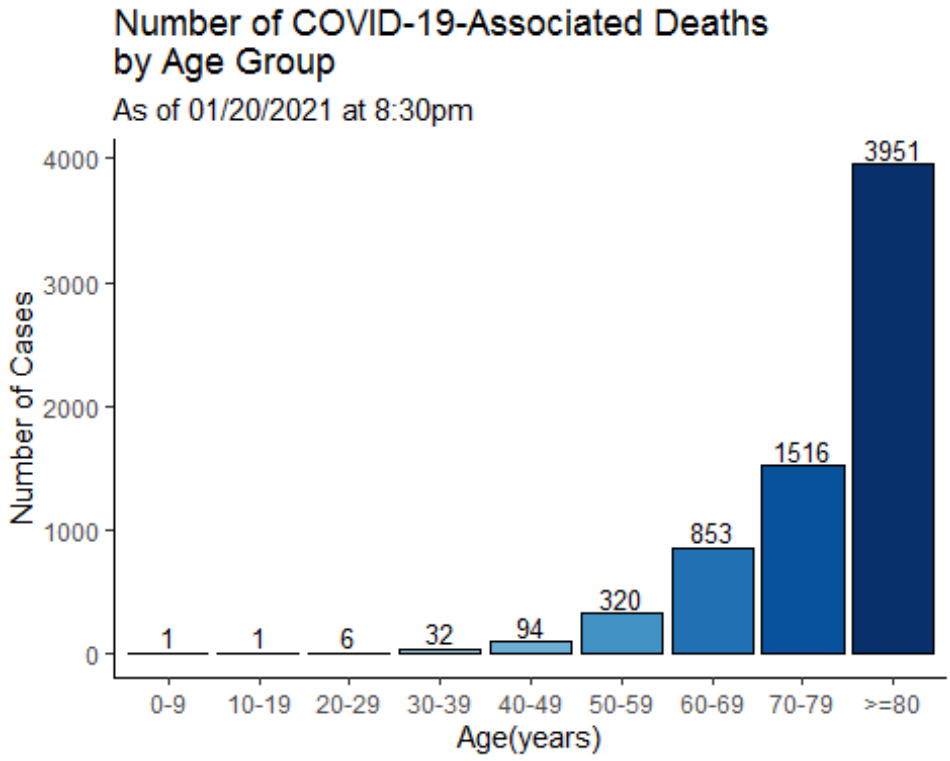


Testing of recently collected specimens is ongoing and does not reflect a decrease in testing.

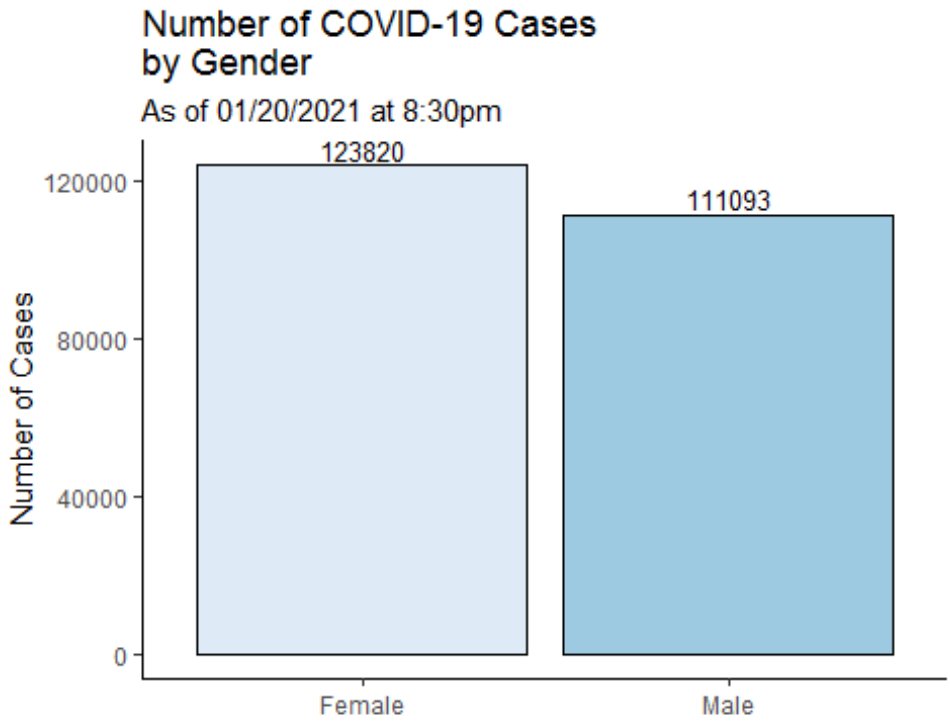
Characteristics of COVID-19 Cases and Associated Deaths

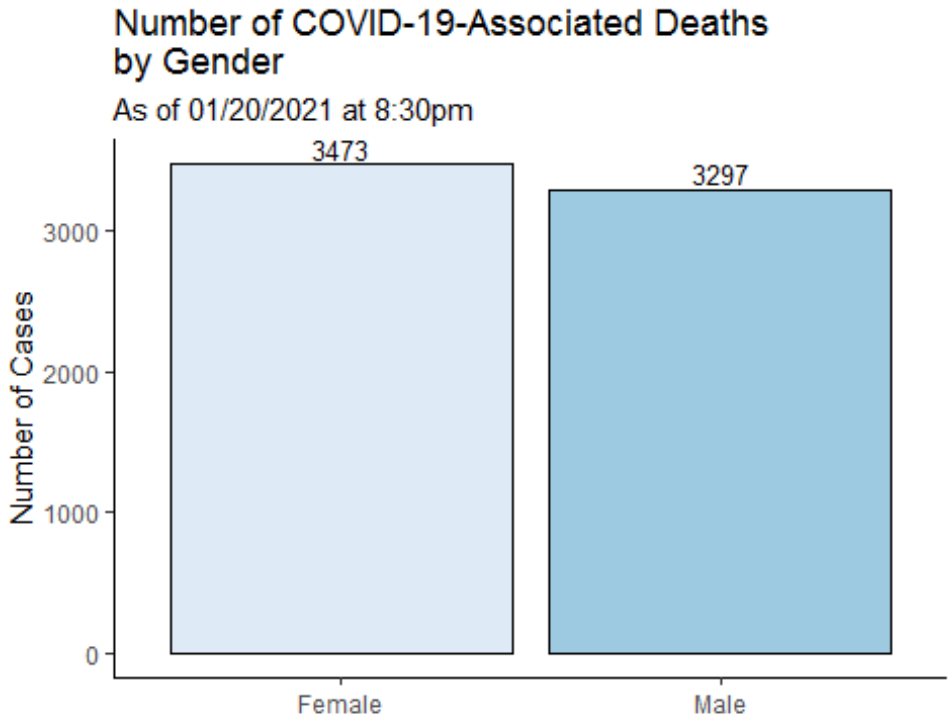
Counts may not add up to total case count because demographic data may be missing.





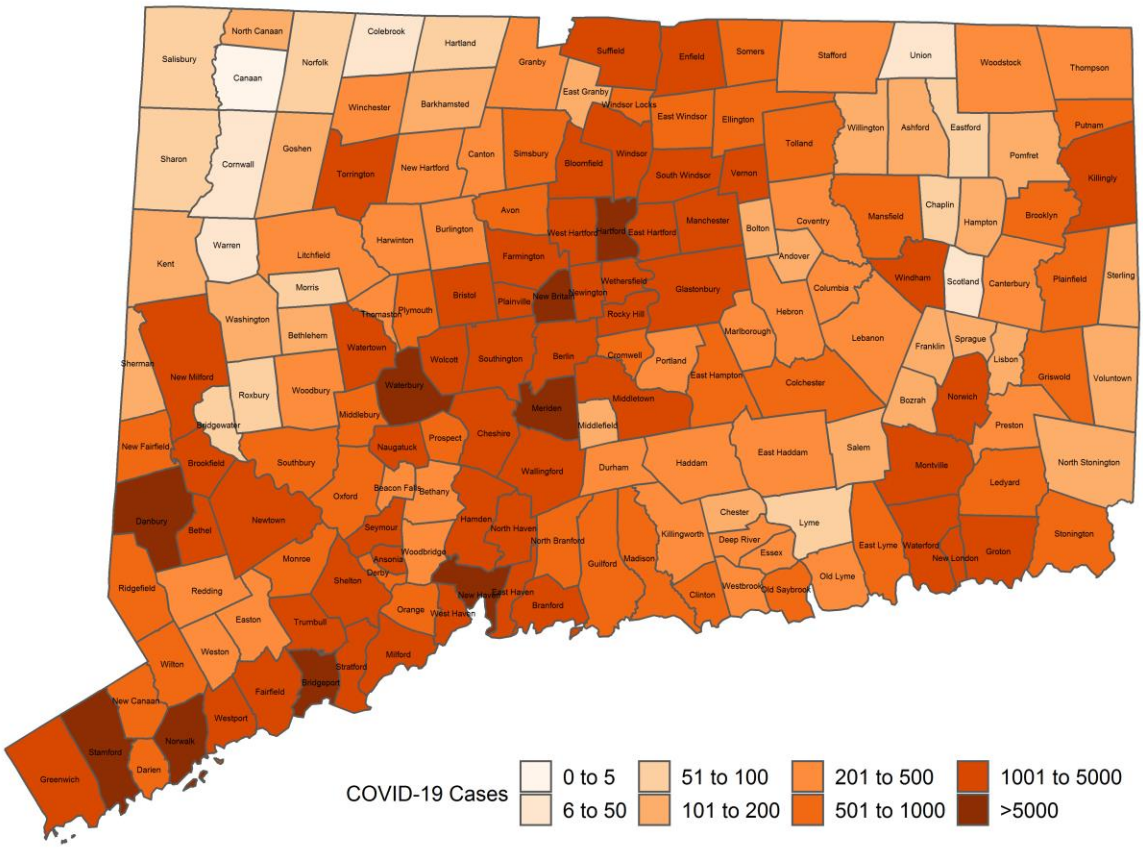
Counts may not add up to total case count because demographic data may be missing.





Cumulative Number of COVID-19 Cases by Town

Map does not include 804 cases pending address validation

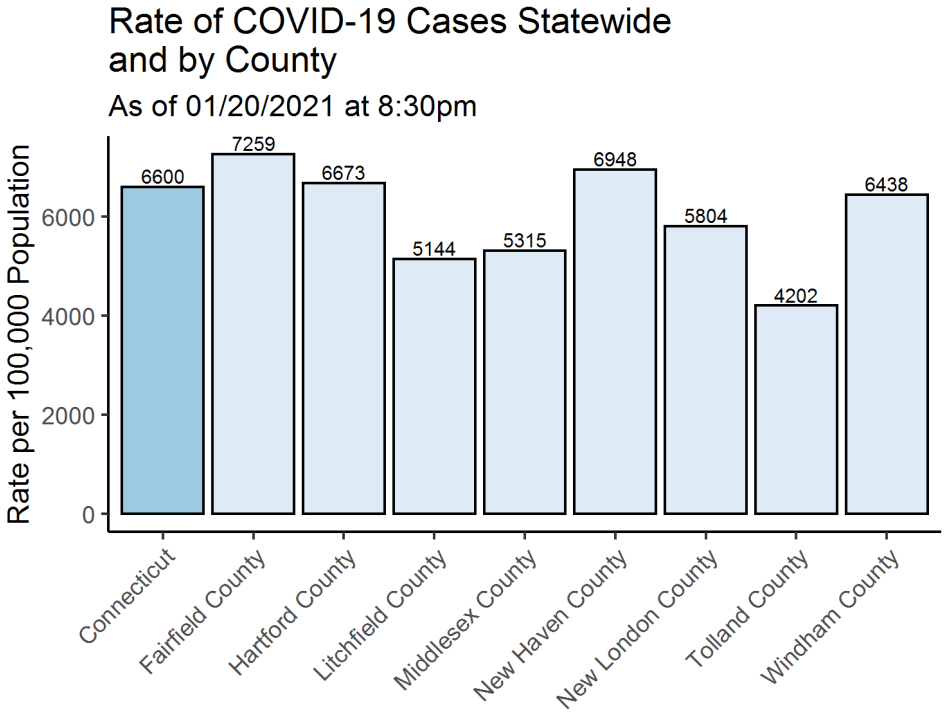


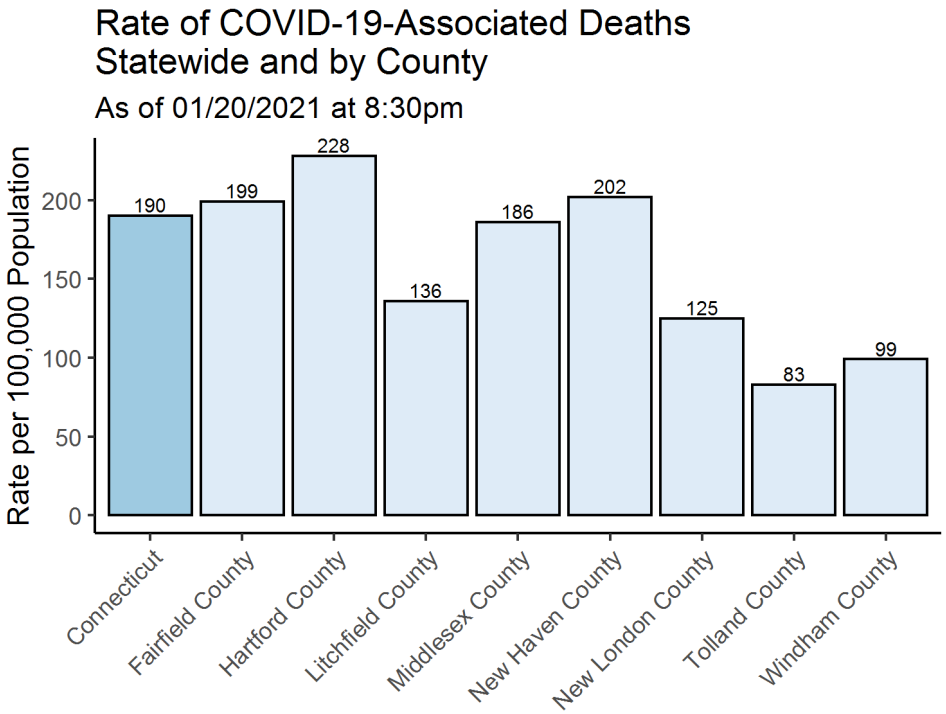
APPENDIX A. Cumulative Number of COVID-19 Cases by Town

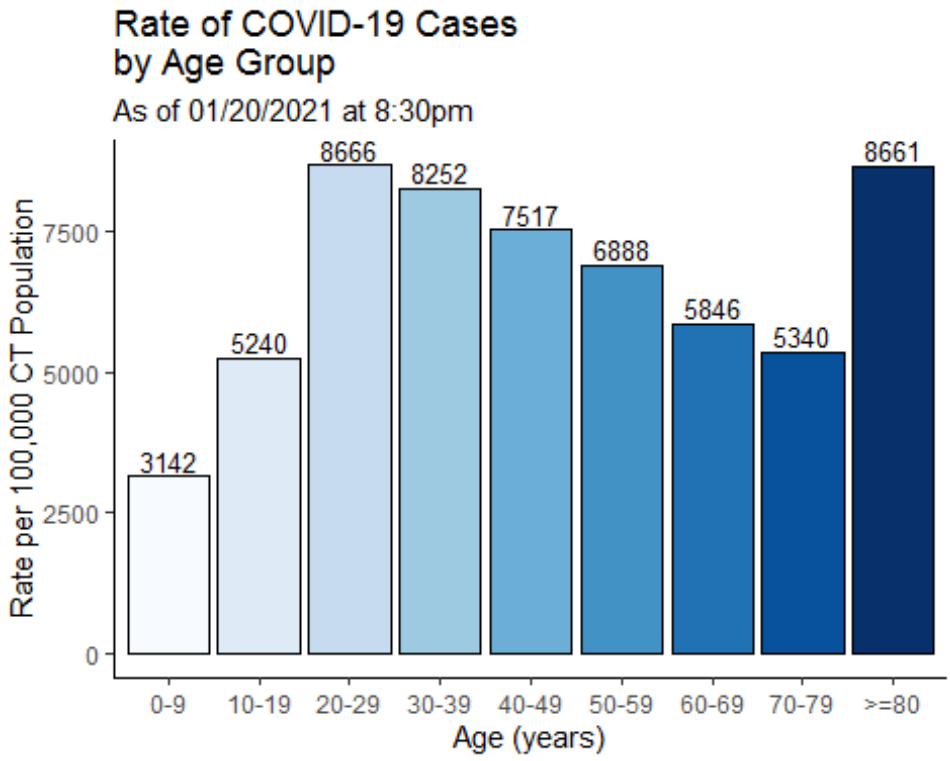
Table does not include 804 cases pending address validation

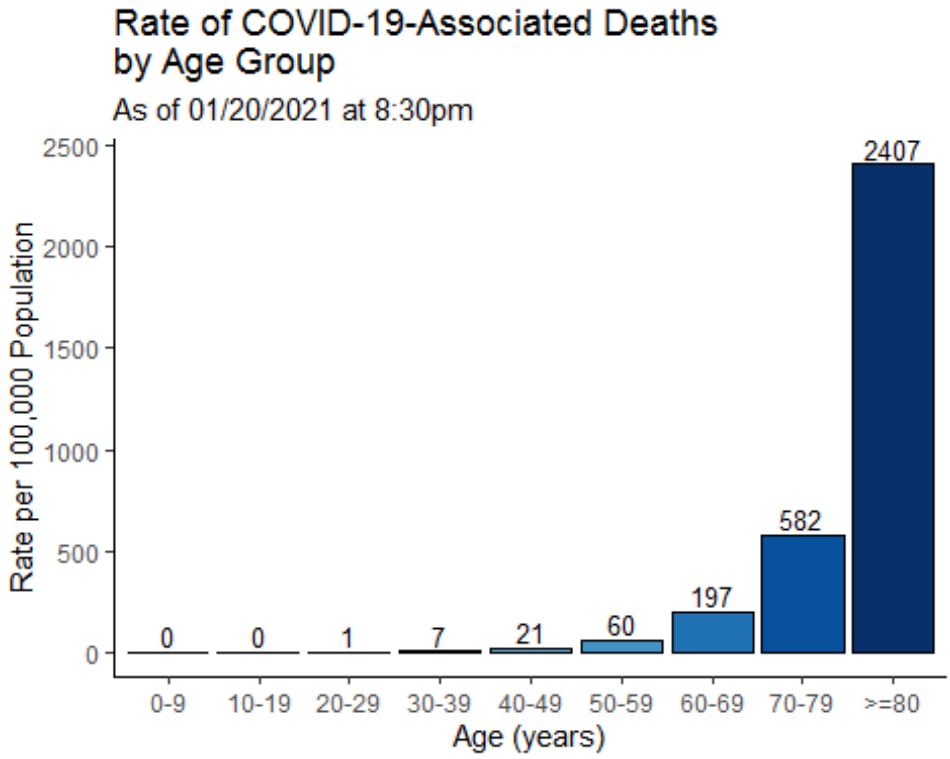
Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	110	9	Griswold	658	6	Prospect	542	37
Ansonia	1,145	119	Groton	1,818	83	Putnam	534	35
Ashford	163	3	Guilford	804	53	Redding	326	29
Avon	593	23	Haddam	323	20	Ridgefield	836	106
Barkhamsted	113	3	Hamden	3,545	300	Rocky Hill	1206	61
Beacon Falls	349	22	Hampton	119	1	Roxbury	55	11
Berlin	1,060	48	Hartford	11,919	385	Salem	145	0
Bethany	252	21	Hartland	60	1	Salisbury	91	3
Bethel	1,217	175	Harwinton	196	10	Scotland	33	0
Bethlehem	130	13	Hebron	332	19	Seymour	1032	77
Bloomfield	1,438	53	Kent	88	17	Sharon	64	1
Bolton	167	10	Killingly	1,111	41	Shelton	2321	195
Bozrah	153	0	Killingworth	212	16	Sherman	82	28
Branford	1,391	136	Lebanon	310	4	Simsbury	684	35
Bridgeport	12,823	682	Ledyard	664	6	Somers	661	48
Bridgewater	46	12	Lisbon	196	2	South Windsor	1091	43
Bristol	3,774	181	Litchfield	255	16	Southbury	878	65
Brookfield	881	176	Lyme	63	6	Southington	2232	210
Brooklyn	565	11	Madison	716	48	Sprague	161	2
Burlington	341	14	Manchester	3,317	170	Stafford	396	21
Canaan	5	0	Mansfield	843	92	Stamford	10768	440
Canterbury	284	3	Marlborough	272	18	Sterling	174	2
Canton	311	18	Meriden	5,290	277	Stonington	699	28
Chaplin	77	3	Middlebury	472	37	Stratford	3163	272
Cheshire	1,351	186	Middlefield	166	12	Suffield	831	193
Chester	157	4	Middletown	2,885	186	Thomaston	437	26
Clinton	589	30	Milford	2,867	271	Thompson	446	14
Colchester	791	48	Monroe	819	68	Tolland	607	35
Colebrook	28	2	Montville	1,224	23	Torrington	2312	69
Columbia	217	8	Morris	89	3	Trumbull	2000	159
Cornwall	38	0	Naugatuck	2,189	157	Union	25	1
Coventry	437	21	New Britain	6,904	279	Vernon	1357	81
Cromwell	842	49	New Canaan	914	56	Voluntown	136	1
Danbury	8,947	965	New Fairfield	607	90	Wallingford	2873	155
Darien	879	104	New Hartford	230	8	Warren	14	4
Deep River	202	15	New Haven	8,622	485	Washington	117	11
Derby	754	56	New London	2,343	35	Waterbury	10263	678
Durham	387	31	New Milford	1,139	287	Waterford	1109	37
East Granby	169	5	Newington	1,879	90	Watertown	1455	138
East Haddam	249	25	Newtown	1,095	167	West Hartford	2919	282
East Hampton	508	26	Norfolk	53	1	West Haven	3474	304
East Hartford	4,567	146	North Branford	661	78	Westbrook	302	21
East Haven	1,883	240	North Canaan	149	6	Weston	348	35
East Lyme	832	114	North Haven	1,329	159	Westport	1064	98
East Windsor	658	25	North Stonington	172	4	Wethersfield	1902	59
Eastford	63	1	Norwalk	7,559	416	Willington	164	10
Easton	251	15	Norwich	2,965	24	Wilton	652	67
Ellington	644	27	Old Lyme	229	6	Winchester	420	5
Enfield	2,371	65	Old Saybrook	595	32	Windham	2296	50
Essex	284	20	Orange	628	65	Windsor	1979	79
Fairfield	3,155	361	Oxford	559	30	Windsor Locks	723	17
Farmington	980	55	Plainfield	958	15	Wolcott	1188	81
Franklin	153	0	Plainville	971	74	Woodbridge	353	38
Glastonbury	1,354	79	Plymouth	578	38	Woodbury	397	30
Goshen	100	4	Pomfret	183	2	Woodstock	340	7
Granby	345	15	Portland	436	22			
Greenwich	2,884	217	Preston	231	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]









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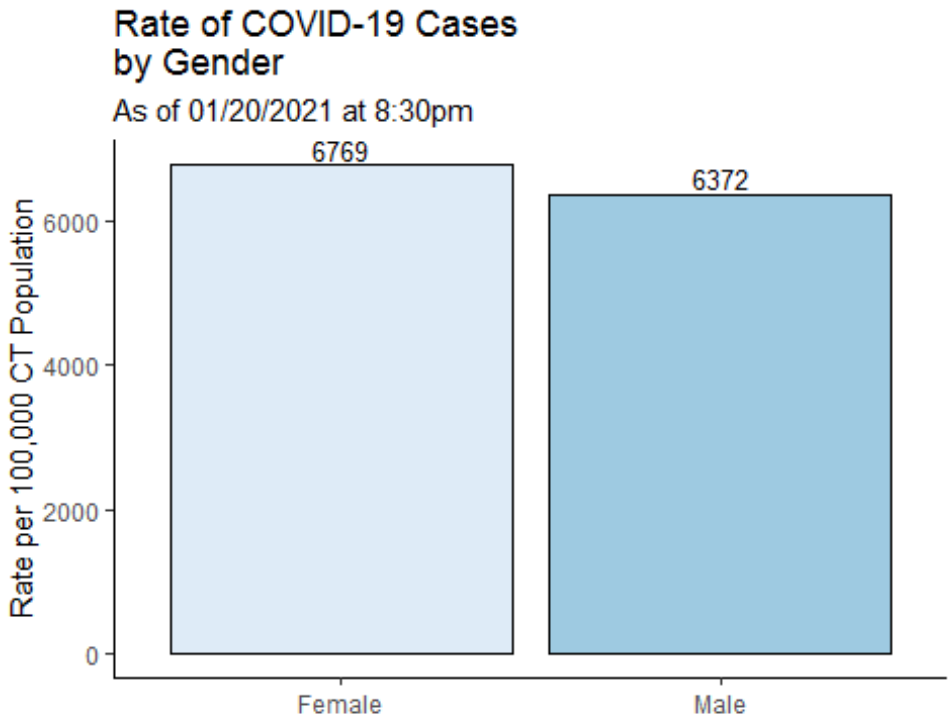
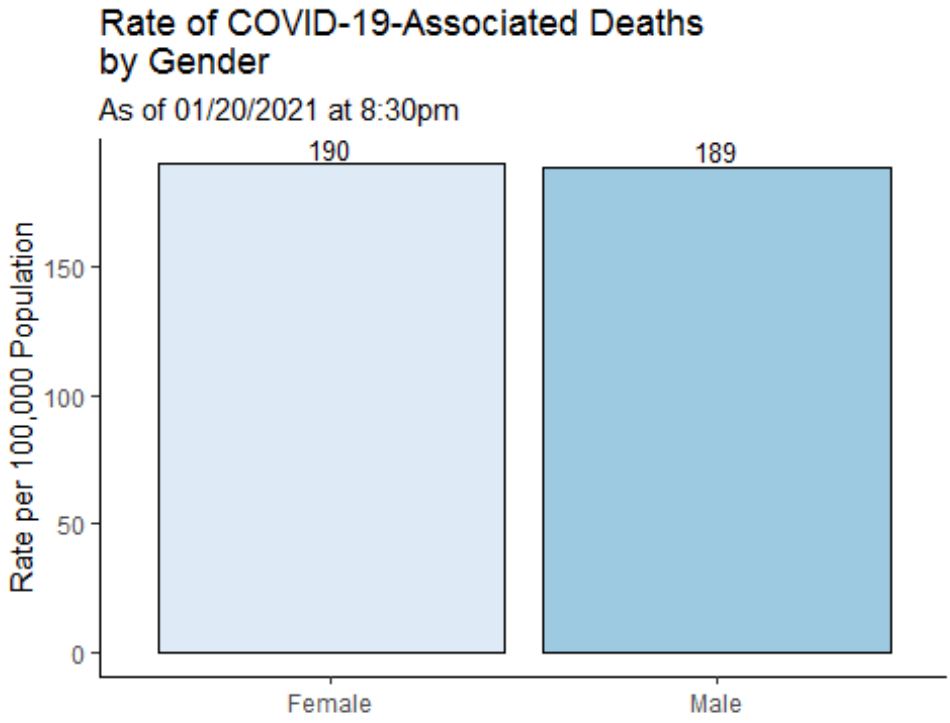
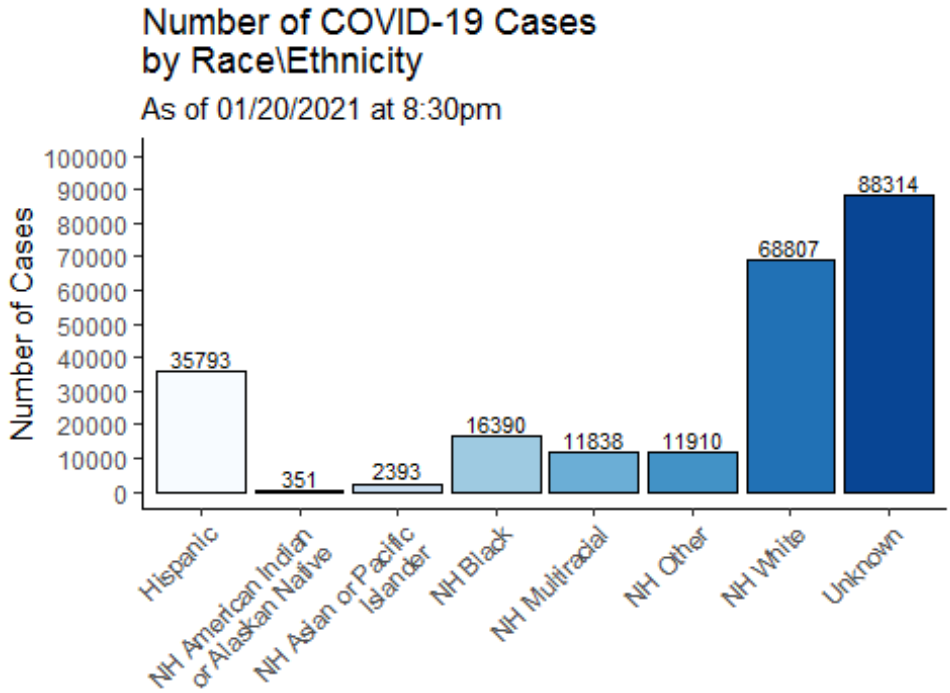
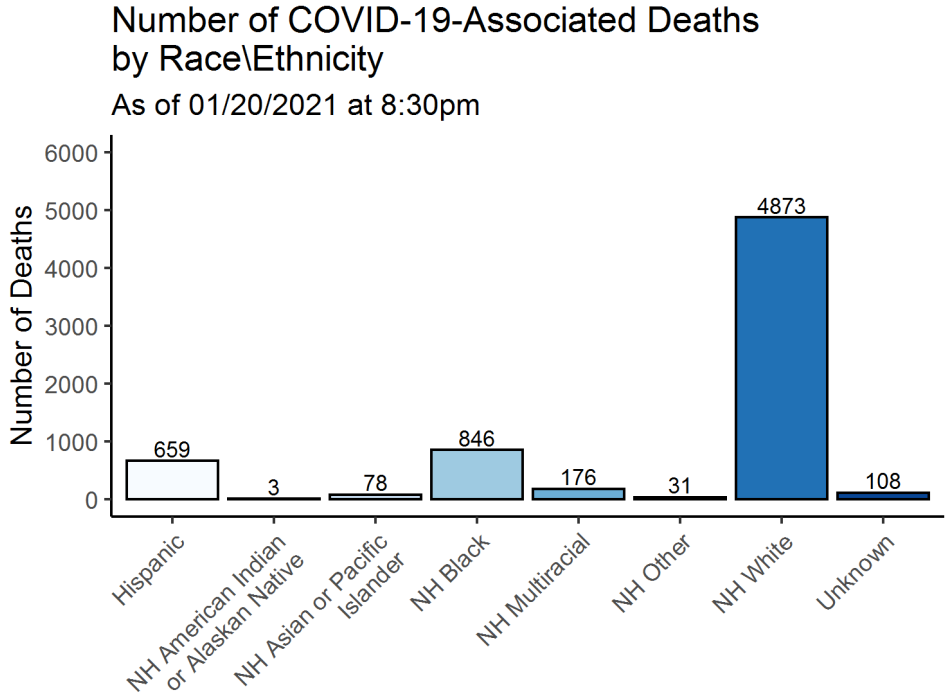

Rate of COVID-19 Cases
by Gender
As of 01/20/2021 at 8:30pm
Rate per 100,000 CT Population
6769
6372
6000
4000
2000
0
Female
Male


Rate of COVID-19-Associated Deaths
by Gender
As of 01/20/2021 at 8:30pm
Rate per 100,000 Population
190
189
150
100
50
0
Female
Male

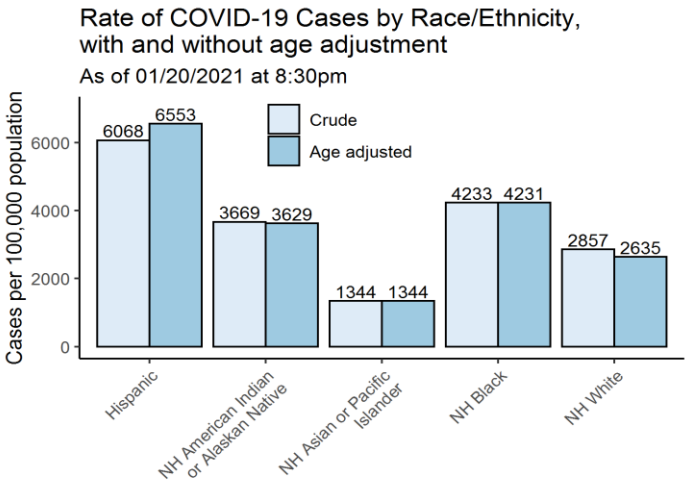
APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. *Categories are mutually exclusive. The category "multiracial" includes people who answered 'yes' to more than one race category. NH=Non-Hispanic*

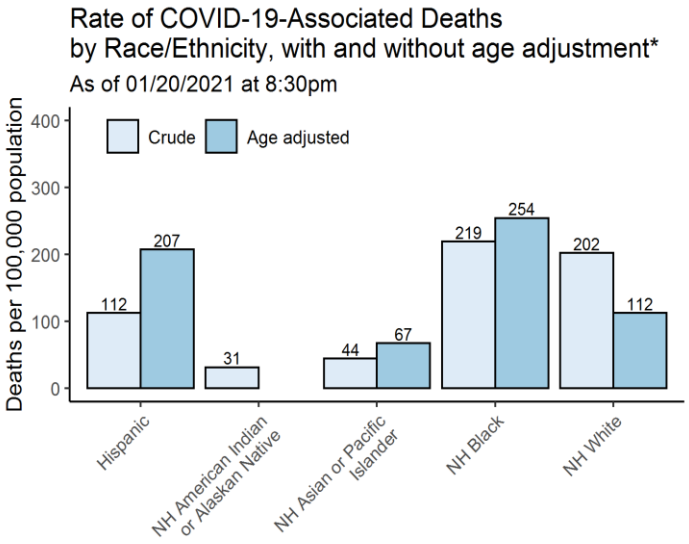




The following graphs show the number of COVID-19 cases and COVID-19-associated deaths per 100,000 population by race and ethnicity. Crude rates represent the total cases or deaths per 100,000 people. Age-adjusted rates consider the age of the person at diagnosis or death when estimating the rate and 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*