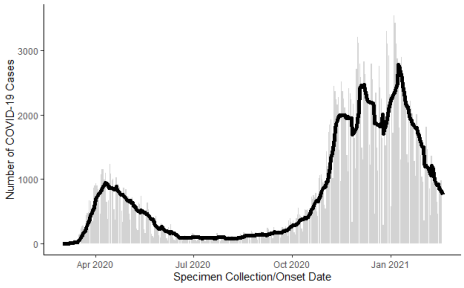
COVID-19 Update February 25, 2021

As of **February 24, 2021**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **279159**, including **260425** laboratory-confirmed and **18734** probable cases. **Four hundred eighty-five** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **7614** COVID-19-associated deaths.

Overall Summary	Total*	Change Since Yesterday
COVID-19 Cases (confirmed and probable)	279159	+975
COVID-19 Tests Reported (molecular and antigen)	6637929	+46017
Daily Test Positivity		2.12%
Patients Currently Hospitalized with COVID-19	485	-10
COVID-19-Associated Deaths	7614	+19

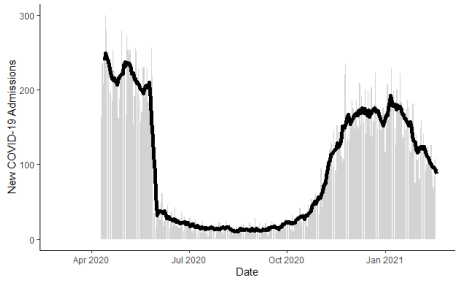
*Includes confirmed plus probable cases

Cases



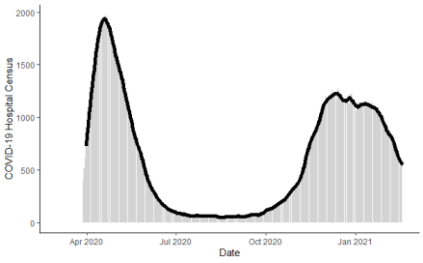
Total Cases: 279,159

Admissions



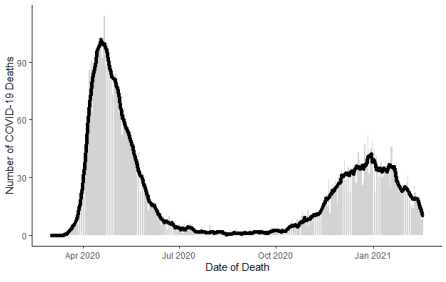
Total Hospitalizations: 29,005

Hospital Census



Hospital Census: 2/24/2021: 485

Deaths



Total Deaths: 7614

All data are preliminary and subject to change. Last updated 02/25/2021.

COVID-19 Cases and Associated Deaths by County of Residence
As of 02/24/21.

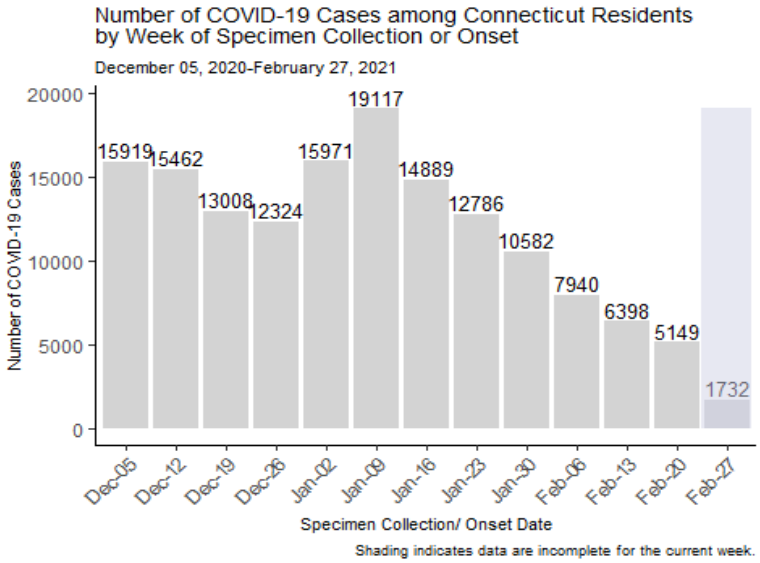
County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	73,857	6,154	1,639	405
Hartford County	66,159	3,698	1,861	416
Litchfield County	10,091	991	240	35
Middlesex County	9,629	707	260	82
New Haven County	65,373	5,520	1,661	256
New London County	18,356	740	310	97
Tolland County	7,253	517	131	33
Windham County	8,877	267	141	38
Pending address validation	830	140	5	4
Total	**260425**	**18734**	**6248**	**1366**

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

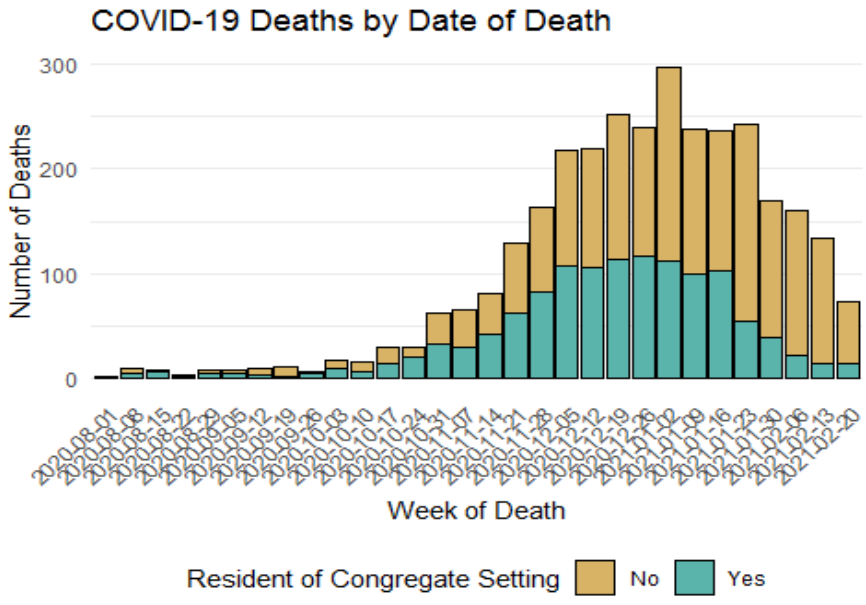
Day-to-day changes reflect newly reported cases, deaths, and tests that occurred over the last several days to week. All data in this report are preliminary; data for previous dates will be updated as new reports are received and data errors are corrected. Hospitalization data were collected by the Connecticut 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 (February 07-20), there were 11,547 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.

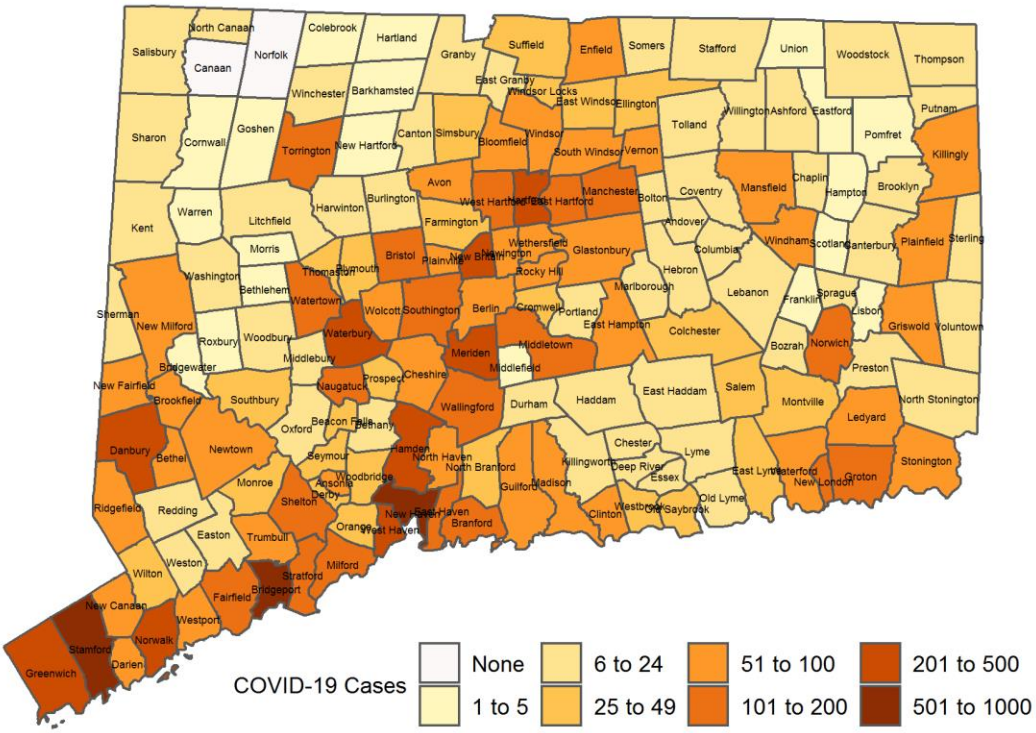


Community Transmission of COVID-19

Among 11,547 new COVID-19 cases with specimen collection or onset date during February 07-20, there were 11,398 cases among people living in community settings, as shown in the map below. This corresponds to an average of 22.79 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 31 towns.

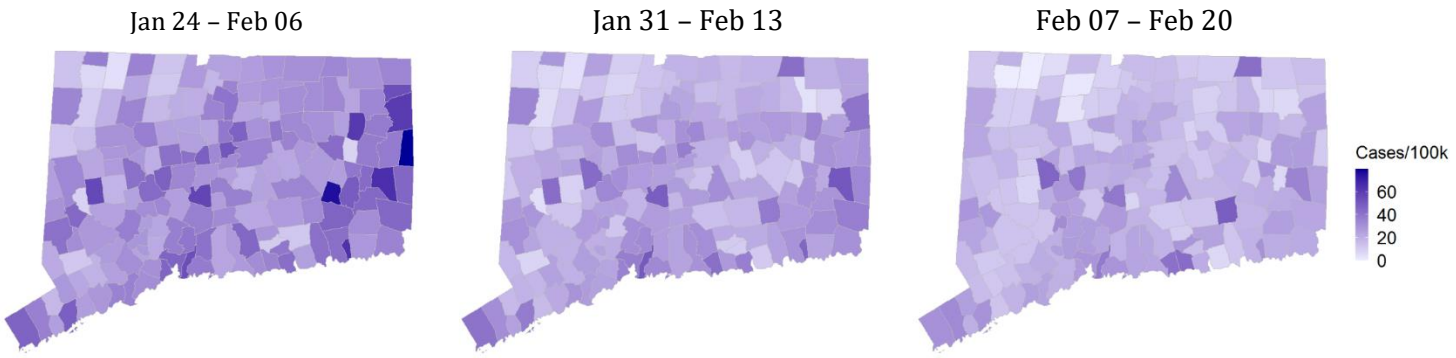
Number of COVID-19 Cases among People Living in Community Settings by Town with Specimen Collection or Onset Date During February 07-20



Map does not include 63 *cases pending address validation*

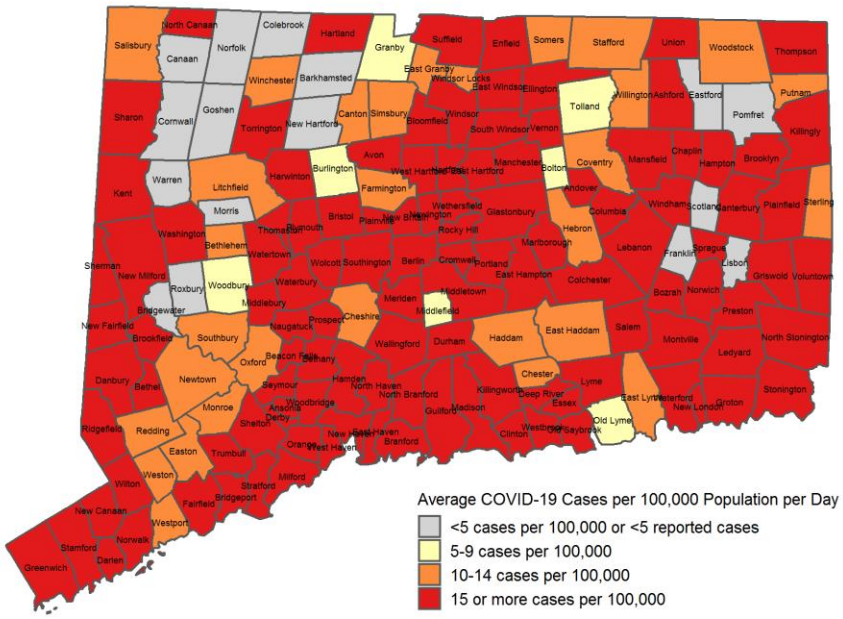
Because towns with larger populations are likely to have more cases, it is also important to look at the number of new cases per 100,000 population. The maps below show the average number of new cases per 100,000 population per day, with darker colors indicating higher rates. Cases among people residing 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 February 07-20, 116 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 February 07-20



Map does not include 63 *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 February 07-20, 2021

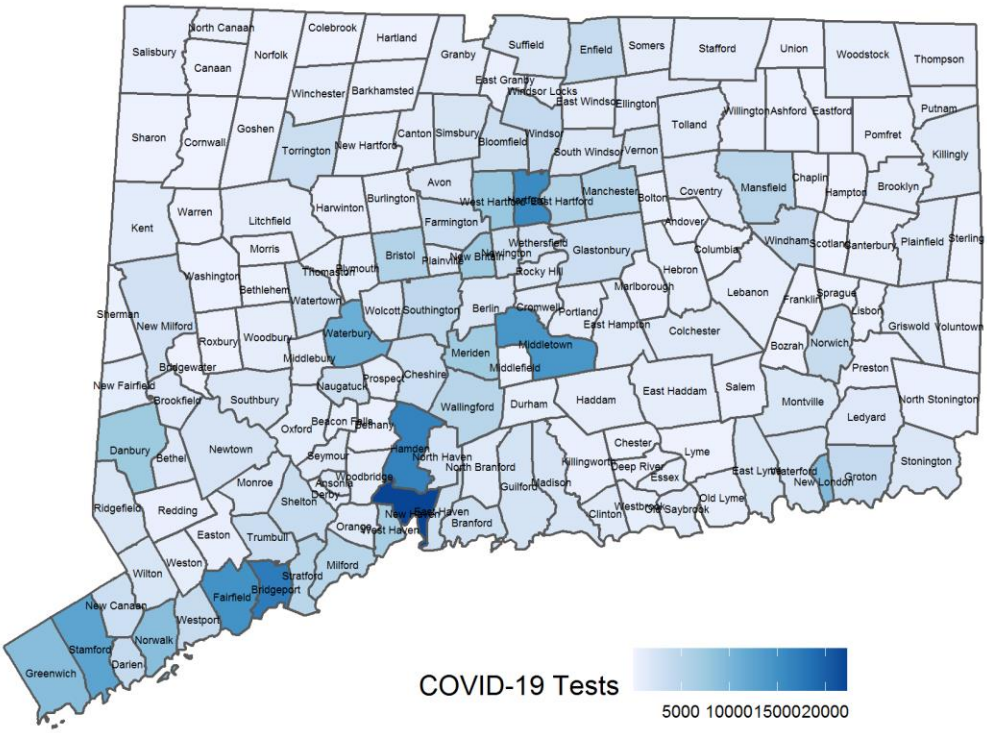
Map does not include 63 *cases pending address validation*

Town	Population	Cases	Rate	Town	Population	Cases	Rate	Town	Population	Cases	Rate
Andover	3,231	9	19.9	Griswold	11,591	57	35.1	Prospect	9790	34	24.8
Ansonia	18,721	67	25.6	Groton	38,692	113	20.9	Putnam	9395	17	12.9
Ashford	4,261	11	18.4	Guilford	22,216	74	23.8	Redding	9125	15	11.7
Avon	18,302	64	25.0	Haddam	8,222	13	11.3	Ridgefield	25008	58	16.6
Barkhamsted	3,624	1	2.0	Hamden	60,940	227	26.6	Rocky Hill	20145	76	26.9
Beacon Falls	6,182	28	32.4	Hampton	1,853	5	19.3	Roxbury	2160	4	13.2
Berlin	20,432	62	21.7	Hartford	122,587	453	26.4	Salem	4123	28	48.5
Bethany	5,479	20	26.1	Hartland	2,120	5	16.8	Salisbury	3598	6	11.9
Bethel	19,714	51	18.5	Harwinton	5,430	17	22.4	Scotland	1685	2	8.5
Bethlehem	3,422	5	10.4	Hebron	9,482	17	12.8	Seymour	16509	47	20.3
Bloomfield	21,301	59	19.8	Kent	2,785	9	23.1	Sharon	2703	9	23.8
Bolton	4,890	6	8.8	Killingly	17,287	60	24.8	Shelton	41097	123	21.4
Bozrah	2,537	7	19.7	Killingworth	6,370	17	19.1	Sherman	3614	9	17.8
Branford	28,005	115	29.3	Lebanon	7,207	19	18.8	Simsbury	24979	40	11.4
Bridgeport	144,900	520	25.6	Ledyard	14,736	53	25.7	Somers	10834	18	11.9
Bridgewater	1,641	3	13.1	Lisbon	4,248	4	6.7	South Windsor	26054	83	22.8
Bristol	60,032	190	22.6	Litchfield	8,127	17	14.9	Southbury	19656	37	13.4
Brookfield	17,002	67	28.1	Lyme	2,338	8	24.4	Southington	43807	123	20.1
Brooklyn	8,280	20	17.3	Madison	18,106	59	23.3	Sprague	2889	12	29.7
Burlington	9,665	13	9.6	Manchester	57,699	132	16.3	Stafford	11884	19	11.4
Canaan	1,055	0	0.0	Mansfield	25,817	85	23.5	Stamford	129775	591	32.5
Canterbury	5,100	19	26.6	Marlborough	6,358	15	16.9	Sterling	3780	6	11.3
Canton	10,270	15	10.4	Meriden	59,540	324	38.9	Stonington	18449	56	21.7
Chaplin	2,256	8	25.3	Middlebury	7,731	23	21.3	Stratford	51967	176	24.2
Cheshire	29,179	55	13.5	Middlefield	4,380	5	8.2	Suffield	15743	35	15.9
Chester	4,229	6	10.1	Middletown	46,146	116	18.0	Thomaston	7560	27	25.5
Clinton	12,950	75	41.4	Milford	54,661	152	19.9	Thompson	9395	20	15.2
Colchester	15,936	39	17.5	Monroe	19,470	37	13.6	Tolland	14655	19	9.3
Colebrook	1,405	1	5.1	Montville	18,716	48	18.3	Torrington	34228	104	21.7
Columbia	5,385	12	15.9	Morris	2,262	4	12.6	Trumbull	35802	98	19.6
Cornwall	1,368	2	10.4	Naugatuck	31,288	115	26.3	Union	840	5	42.5
Coventry	12,414	20	11.5	New Britain	72,453	237	23.4	Vernon	29303	66	16.1
Cromwell	13,905	39	20.0	New Canaan	20,213	73	25.8	Voluntown	2535	9	25.4
Danbury	84,730	282	23.8	New Fairfield	13,877	56	28.8	Wallingford	44535	172	27.6
Darien	21,753	62	20.4	New Hartford	6,685	3	3.2	Warren	1399	3	15.3
Deep River	4,463	18	28.8	New Haven	130,418	525	28.8	Washington	3434	9	18.7
Derby	12,515	33	18.8	New London	26,939	113	30.0	Waterbury	108093	430	28.4
Durham	7,195	19	18.9	New Milford	26,974	58	15.4	Waterford	18887	52	19.7
East Granby	5,147	9	12.5	Newington	30,112	97	23.0	Watertown	21641	138	45.5
East Haddam	8,988	17	13.5	Newtown	27,774	53	13.6	West Hartford	62939	173	19.6
East Hampton	12,854	60	33.3	Norfolk	1,640	0	0.0	West Haven	54879	208	27.1
East Hartford	49,998	155	22.1	North Branford	14,158	38	19.2	Westbrook	6914	42	43.4
East Haven	28,699	154	38.3	North Canaan	3,254	9	19.8	Weston	10247	18	12.5
East Lyme	18,645	34	13.0	North Haven	23,691	79	23.8	Westport	28115	53	13.5
East Windsor	11,375	27	17.0	North Stonington	5,243	17	23.2	Wethersfield	26082	80	21.9
Eastford	1,790	2	8.0	Norwalk	89,047	371	29.8	Willington	5887	11	13.3
Easton	7,517	15	14.3	Norwich	39,136	113	20.6	Wilton	18397	41	15.9
Ellington	16,299	35	15.3	Old Lyme	7,366	7	6.8	Winchester	10655	19	12.7
Enfield	44,466	99	15.9	Old Saybrook	10,087	30	21.2	Windham	24706	55	15.9
Essex	6,674	14	15.0	Orange	13,949	38	19.5	Windsor	28760	72	17.9
Fairfield	61,952	165	19.0	Oxford	13,226	24	13.0	Windsor Locks	12876	26	14.4
Farmington	25,506	38	10.6	Plainfield	15,173	56	26.4	Wolcott	16649	92	39.5
Franklin	1,933	3	11.1	Plainville	17,623	58	23.5	Woodbridge	8805	33	26.8
Glastonbury	34,491	73	15.1	Plymouth	11,645	26	15.9	Woodbury	9537	11	8.2
Goshen	2,879	4	9.9	Pomfret	4,204	4	6.8	Woodstock	7862	14	12.7
Granby	11,375	14	8.8	Portland	9,305	20	15.4				
Greenwich	62,727	268	30.5	Preston	4,638	14	21.6				

COVID-19 Molecular and Antigen Tests during February 07-20

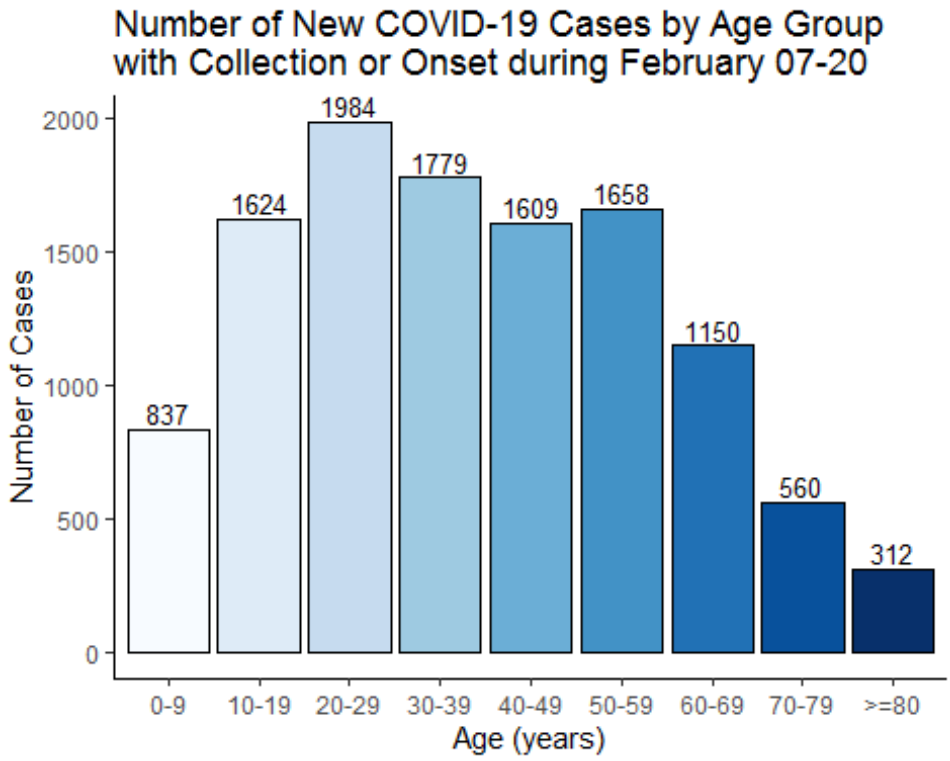
Among 440,179 molecular and antigen tests for COVID-19 with specimen collection date during February 07-20, 408,872 (93%) tests were conducted among people who did not reside in congregate settings (including nursing homes, assisted living, and correctional facilities). Of these 408,872 tests, 14154 (3%) were positive. The map below shows the number of molecular and antigen COVID-19 tests by town with specimen collection date during February 07-20 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 February 07-20



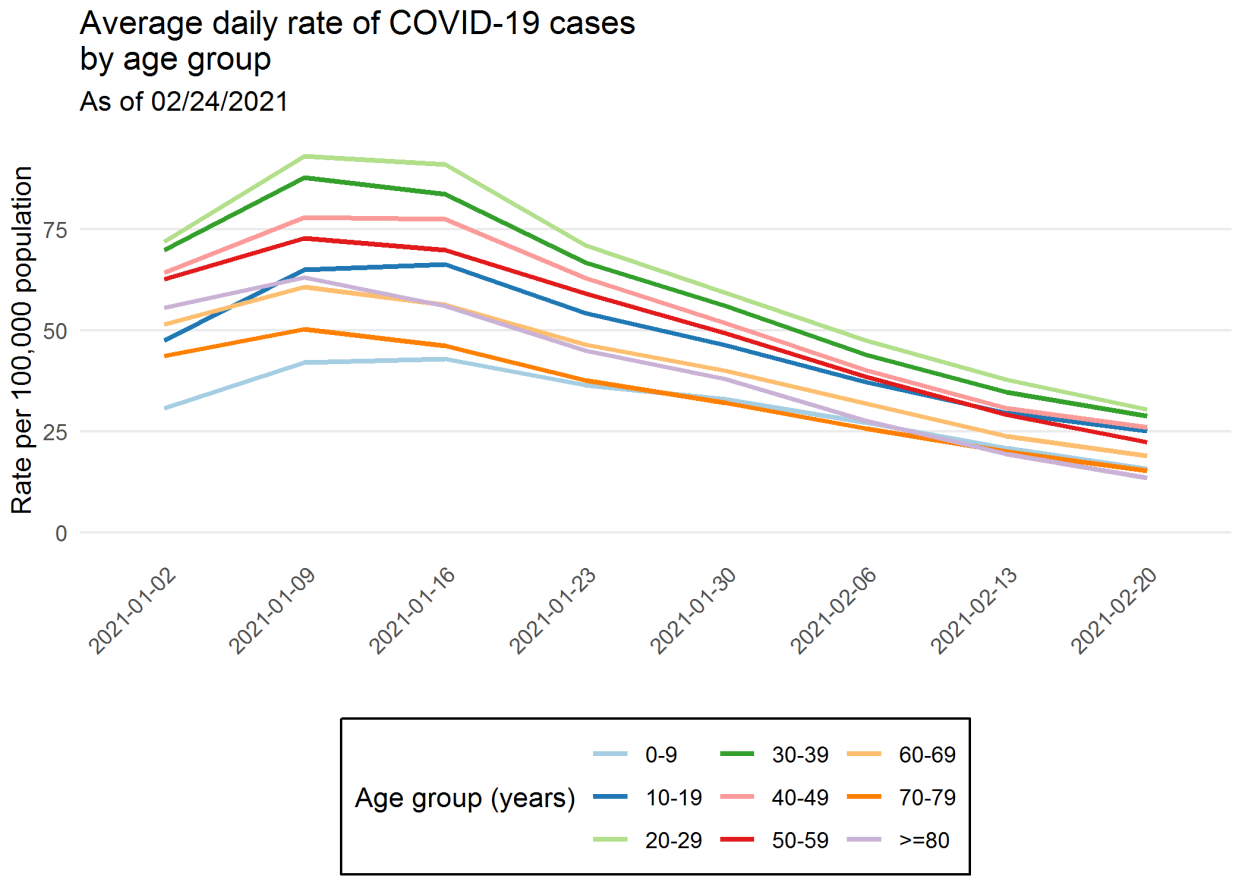
Map does not include tests pending address validation

Age Distribution of COVID-19 Cases with Specimen Collection or Onset During February 07-20, 2020



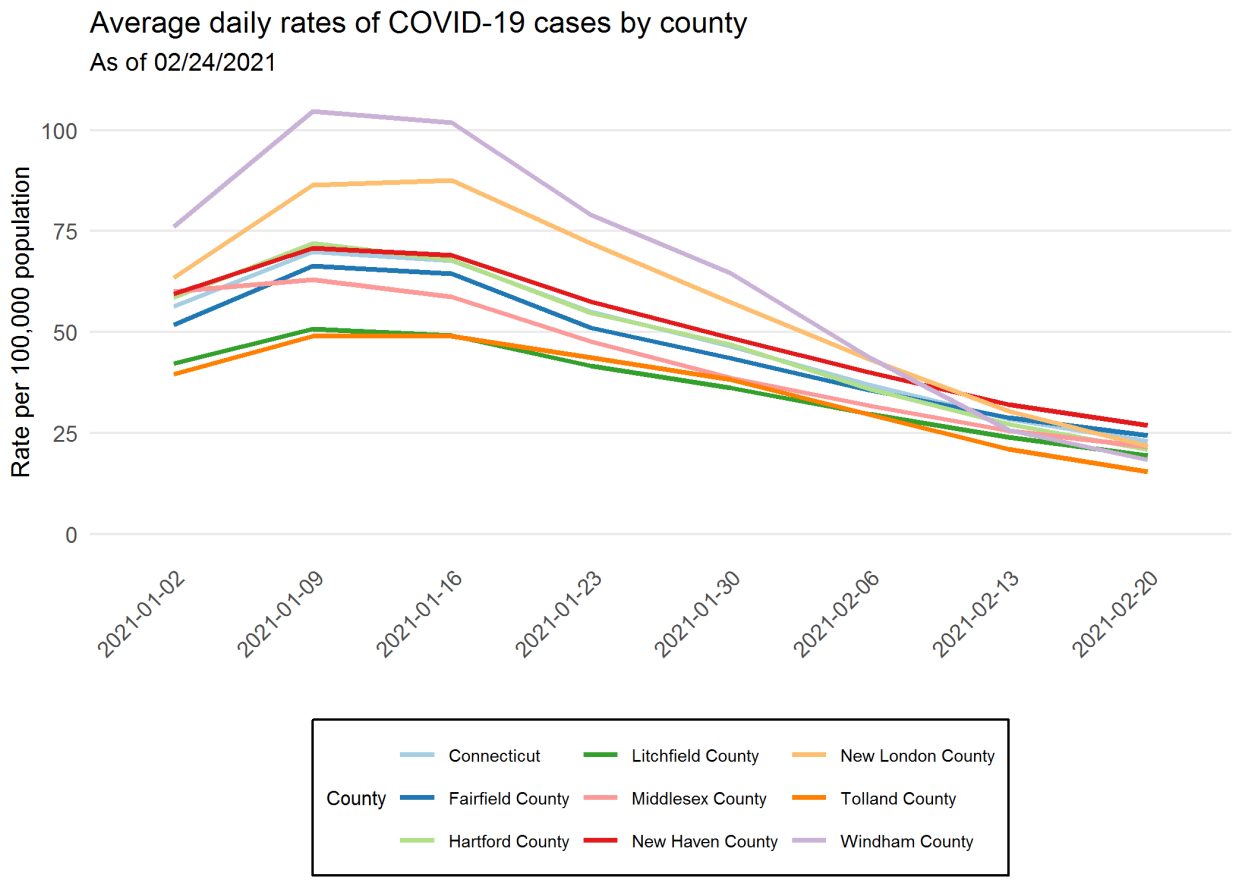
Average Daily Incidence by Age Group

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.



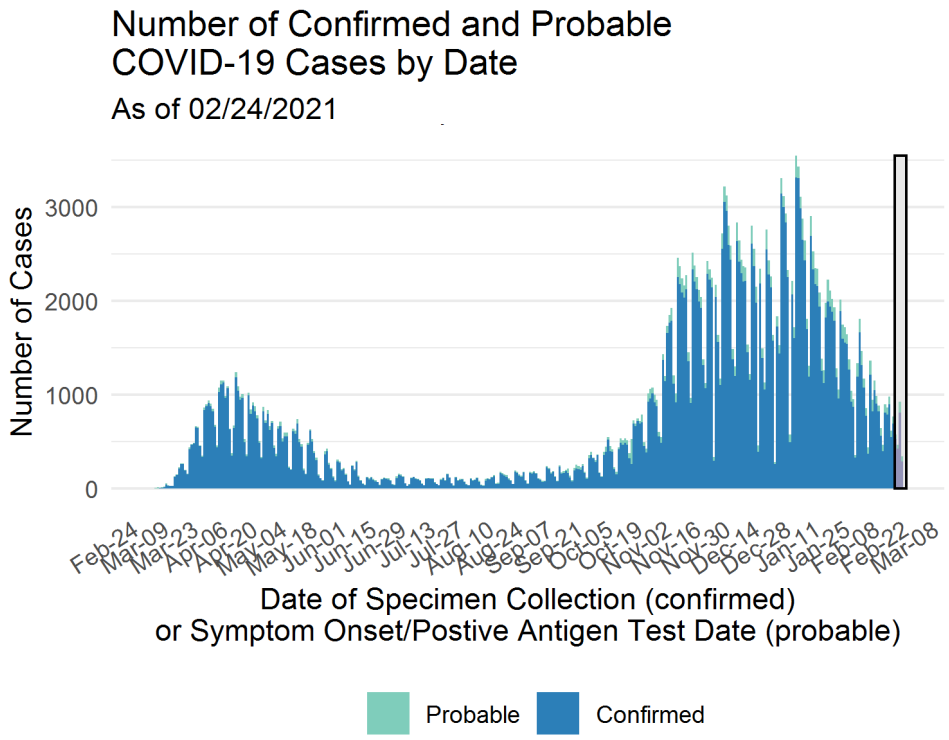
Average Daily Incidence by County

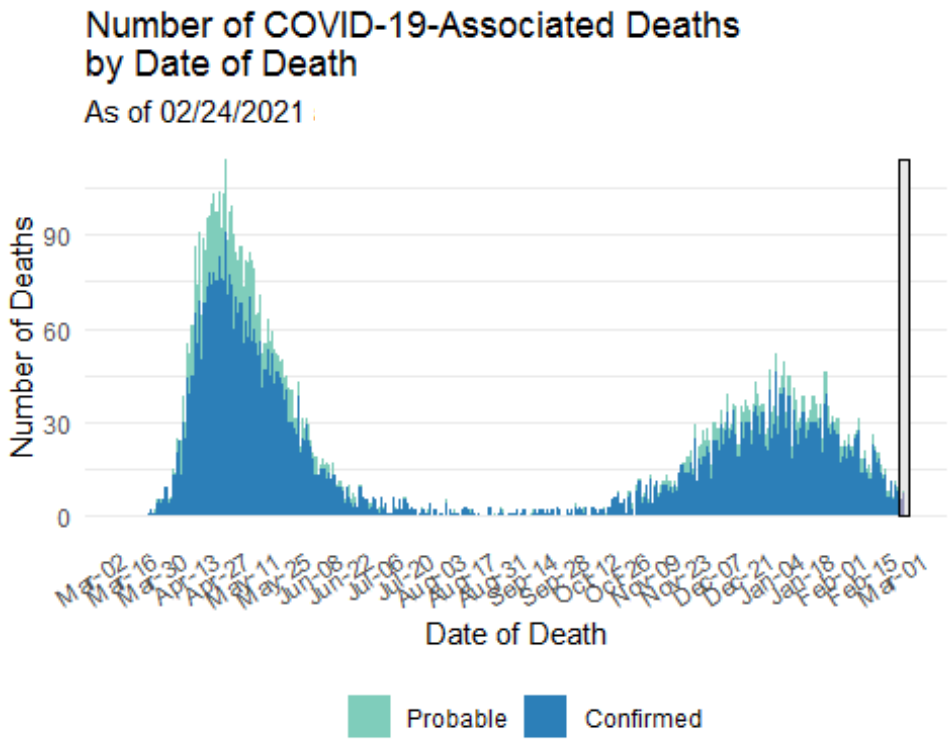
The chart below shows the average number of new COVID-19 cases per day per 100,000 population in the state of Connecticut and for each Connecticut county. The rates in this chart are calculated by averaging the number of new cases diagnosed each day during the previous two weeks, dividing by the annual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



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



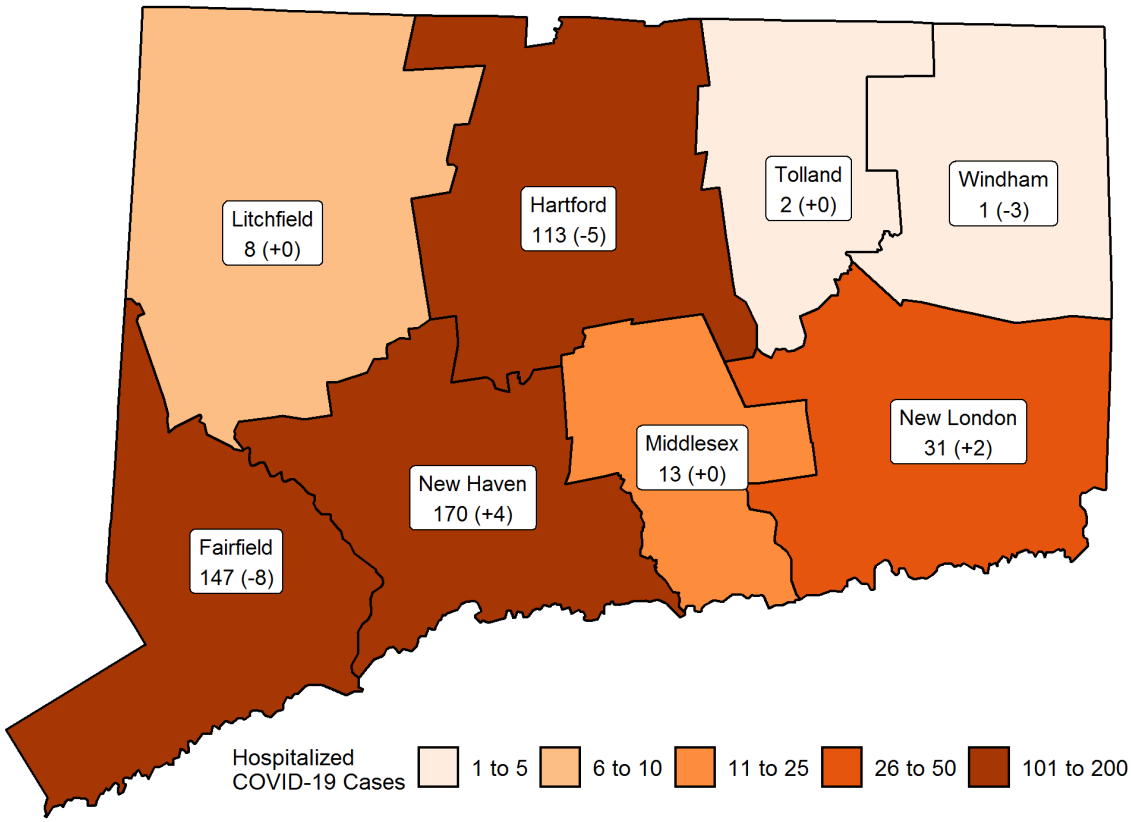


Hospitalization Surveillance

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

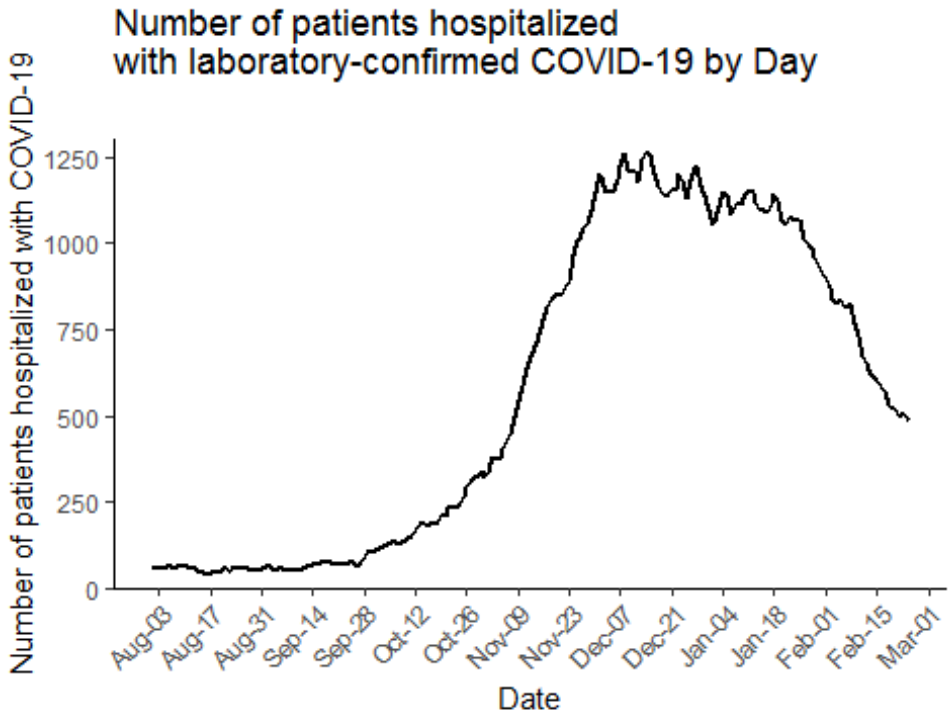
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.



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.

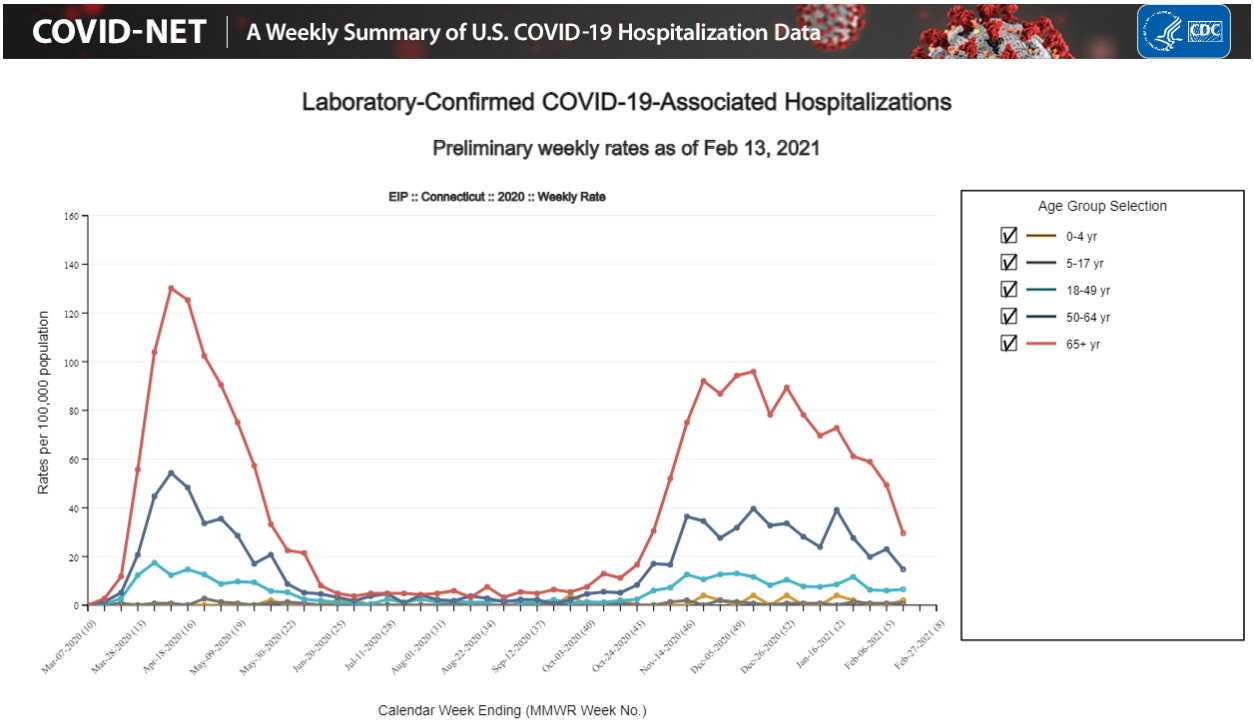


Weekly hospitalizations by age group in New Haven and Middlesex Counties

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.

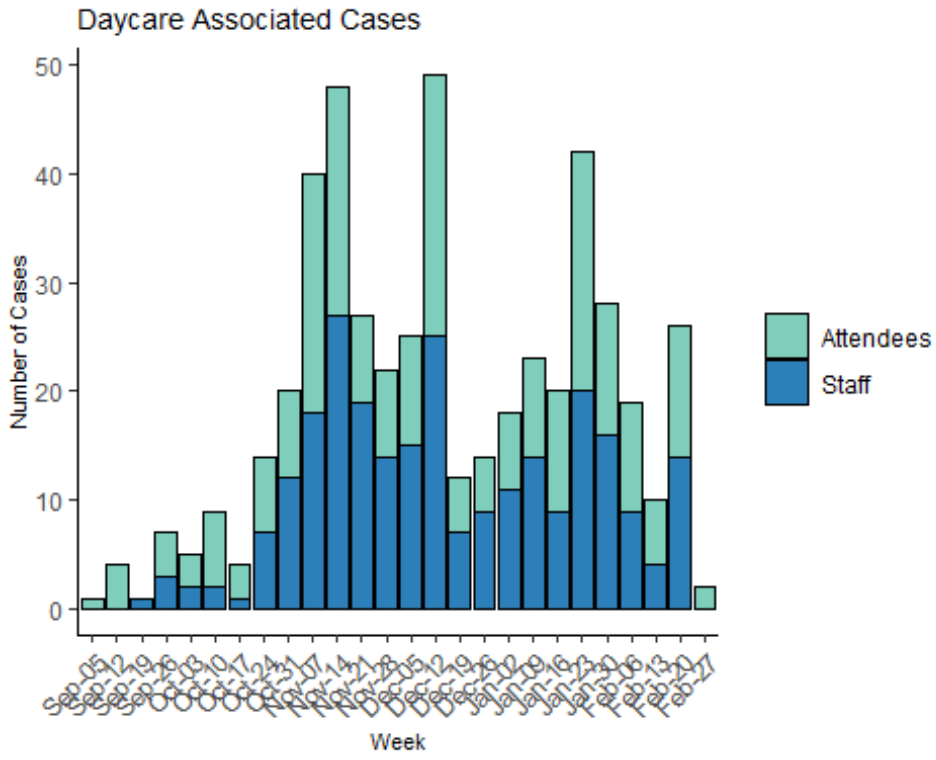
COVID-NET hospitalization data are preliminary and subject to change as more data become available. In particular, case counts and rates for recent hospital admissions are subject to lag. As data are received each week, prior case counts and rates are updated.



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.

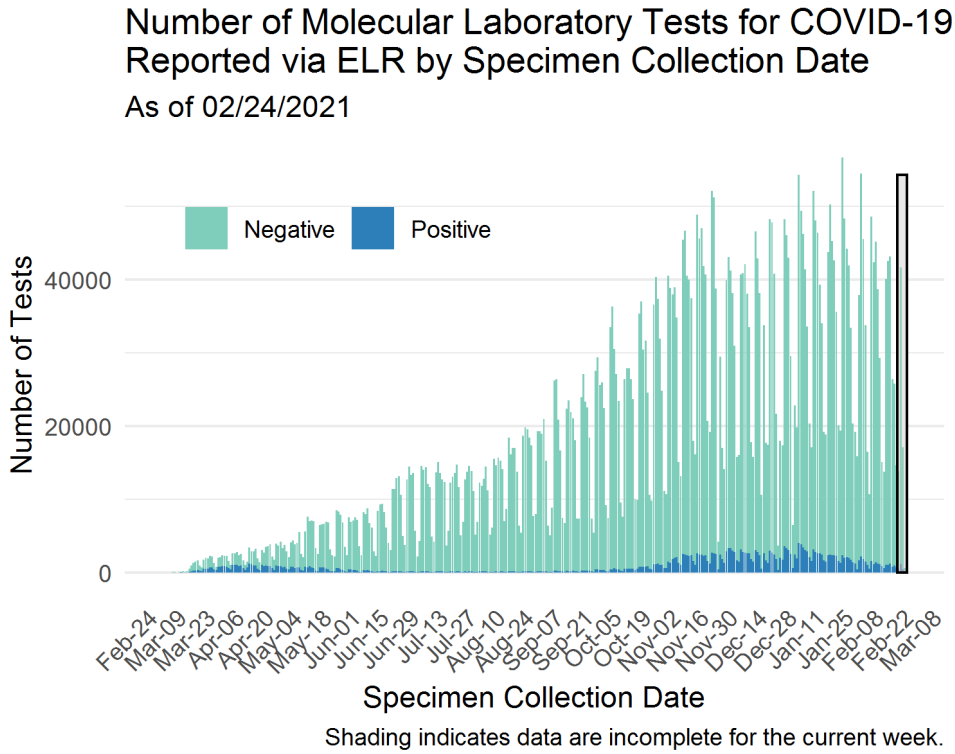


Laboratory Surveillance

Molecular Tests

To date, DPH has received reports on a total of 6,268,065 molecular COVID-19 laboratory tests; of these 5,970,741 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.



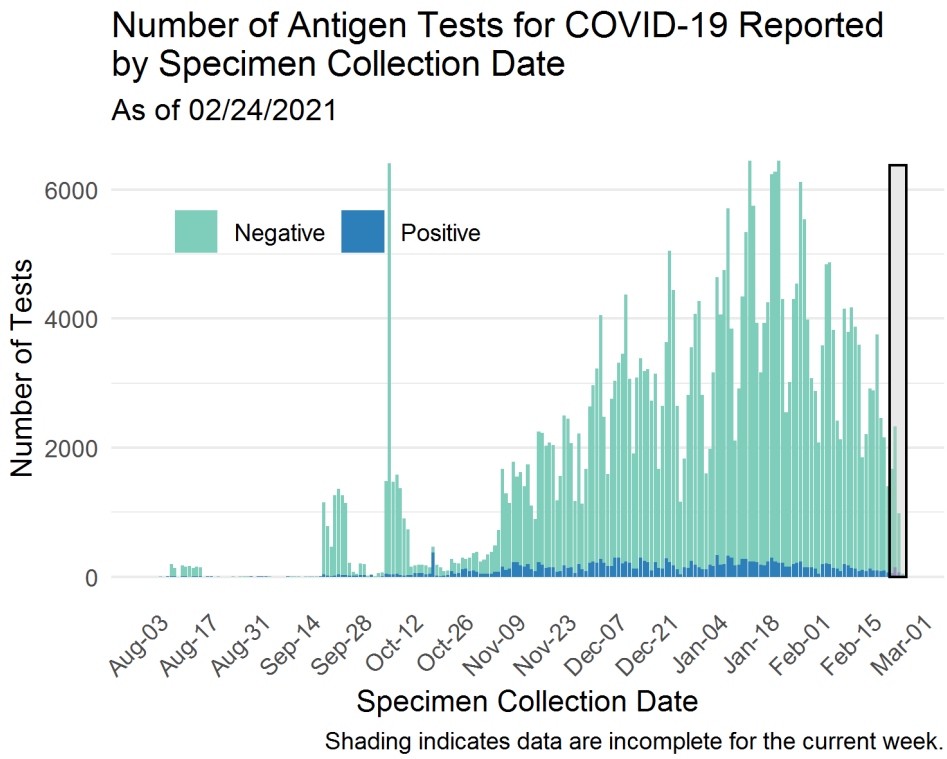
Testing of recently collected specimens is ongoing and does not reflect a decrease in testing. Chart only includes test results received by electronic laboratory reporting.

ELR = Electronic Laboratory Reporting

Antigen Tests

To date, DPH has received reports on a total of 369,864 COVID-19 antigen laboratory tests. The chart below shows the number of antigen tests reported to DPH by specimen collection date and test result.

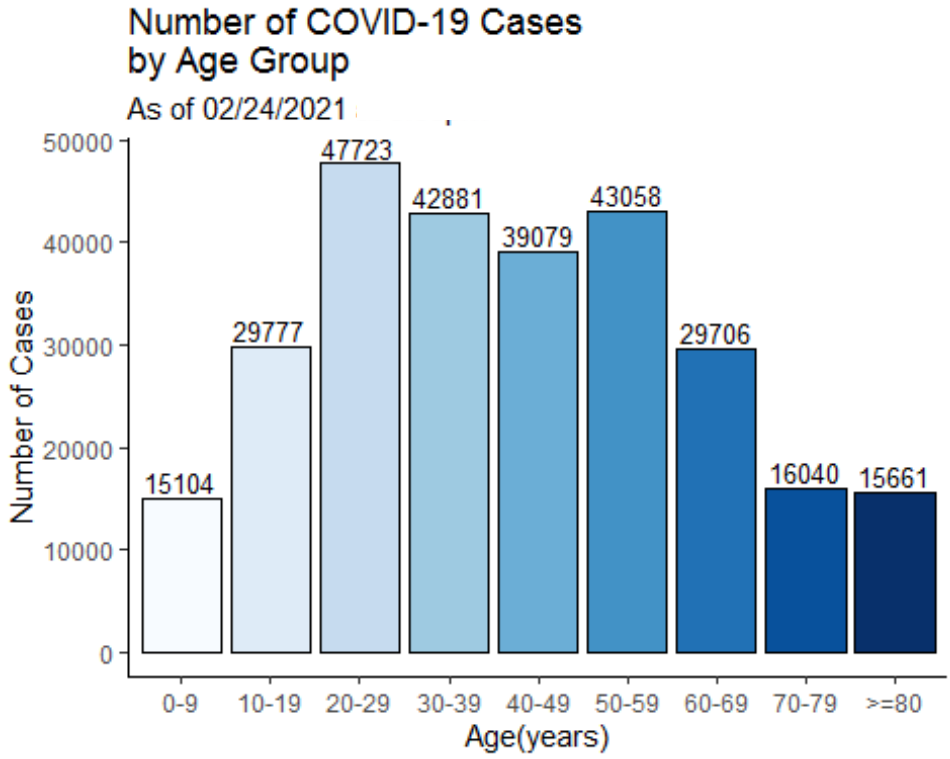
Test results may be reported several days after specimen collection. Data are incomplete for most recent dates shaded in grey. Data for previous dates are routinely updated.

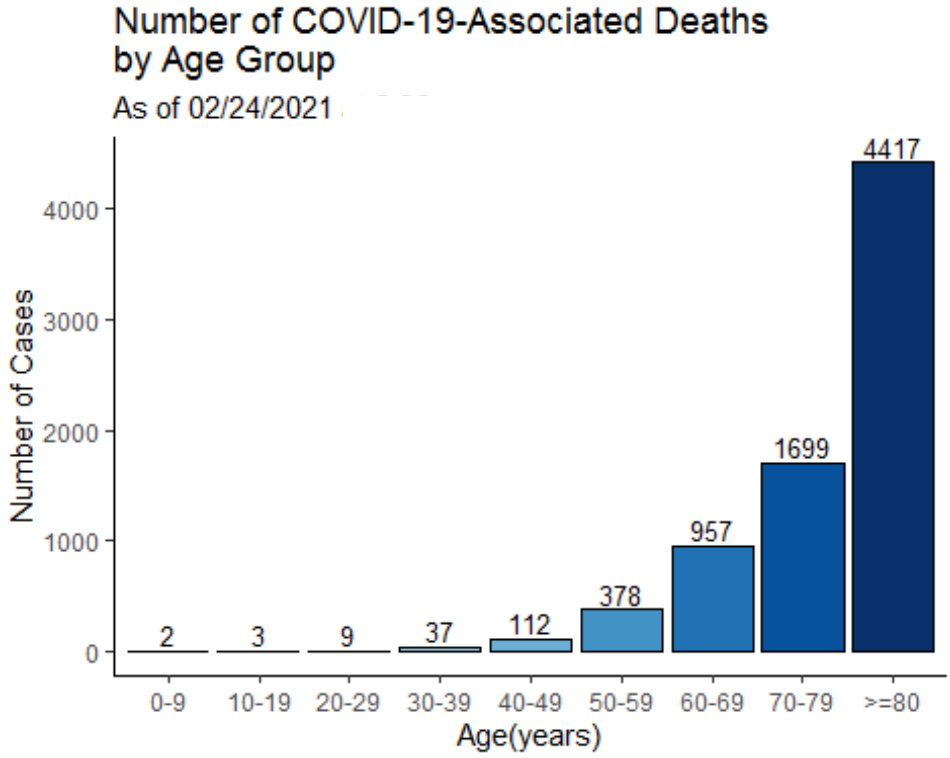


Testing of recently collected specimens is ongoing and does not reflect a decrease in testing.

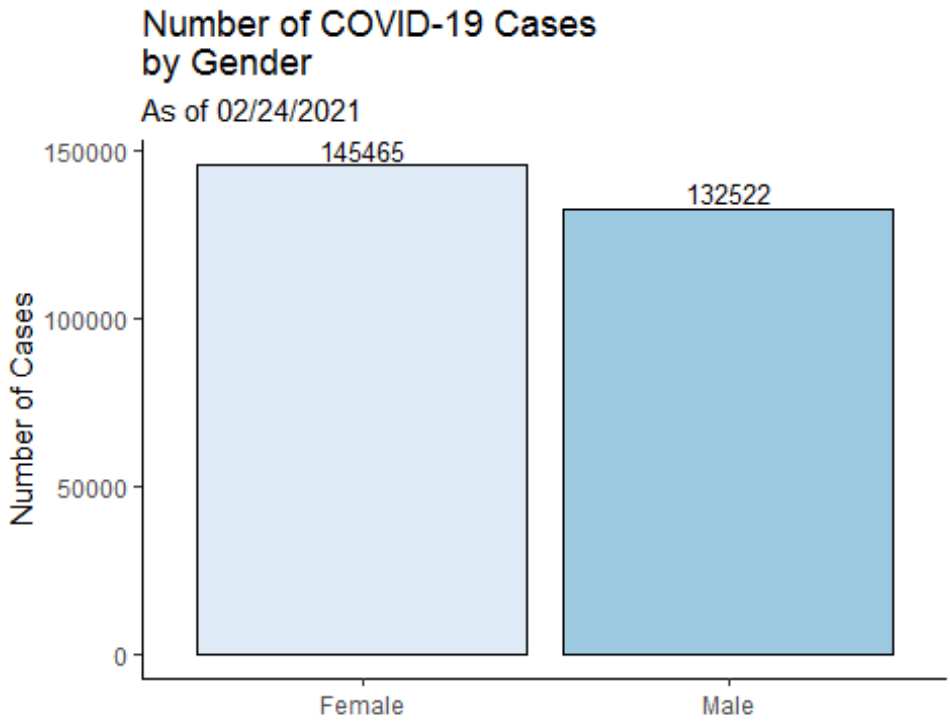
Characteristics of COVID-19 Cases and Associated Deaths

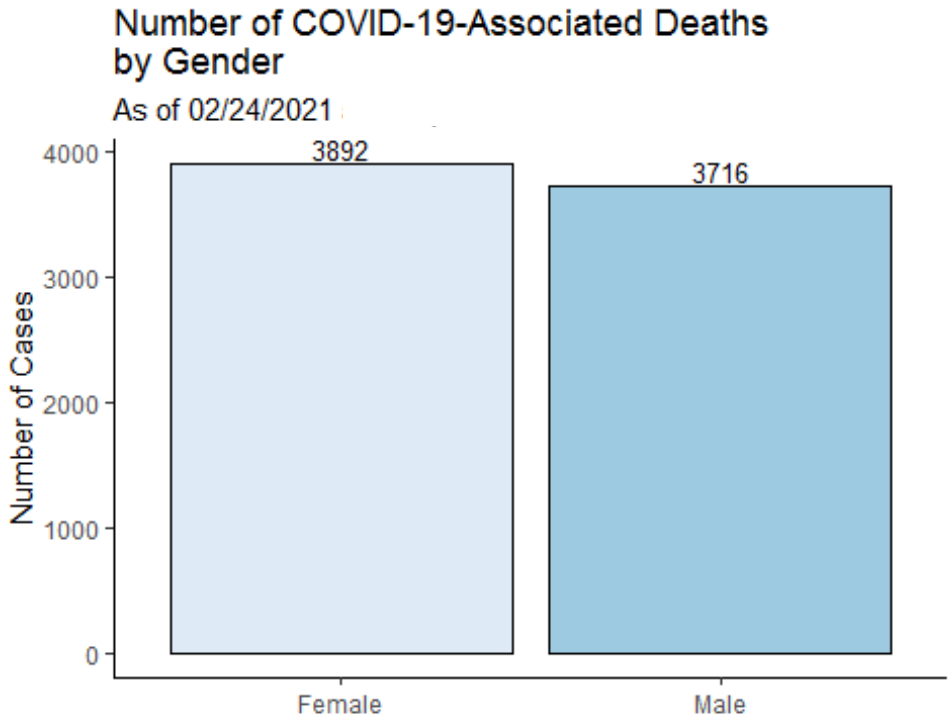
Counts may not add up to total case count because demographic data may be missing.





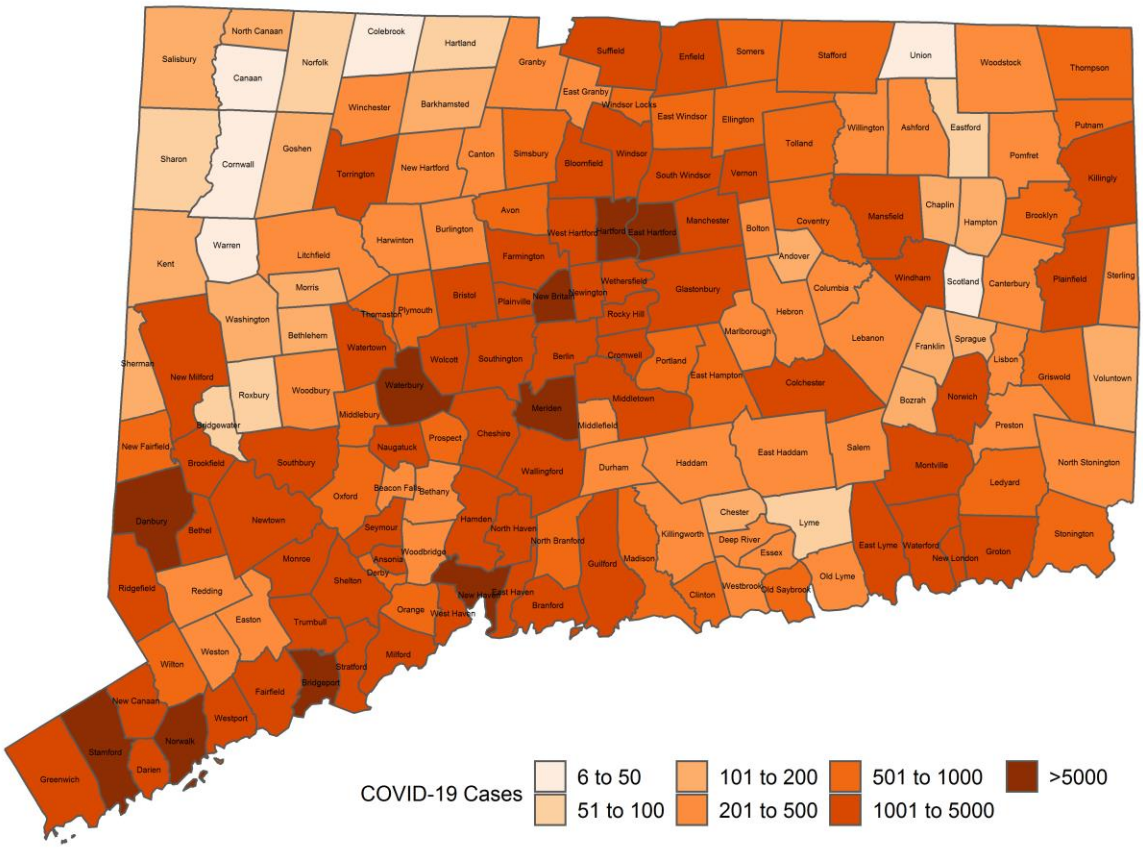
Counts may not add up to total case count because demographic data may be missing.





Cumulative Number of COVID-19 Cases by Town

Map does not include 970 cases pending address validation

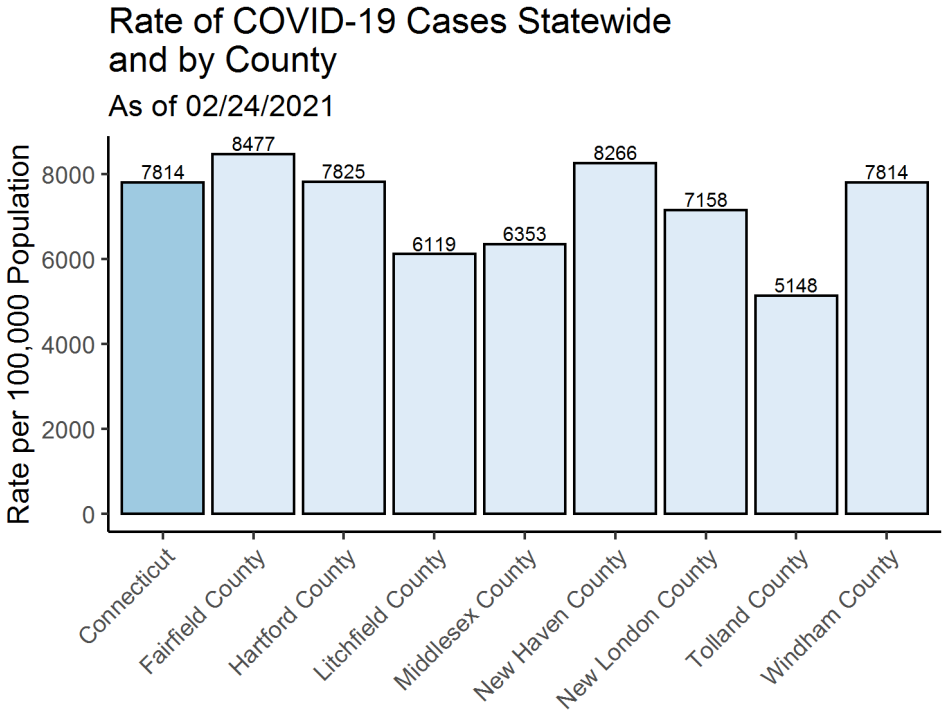


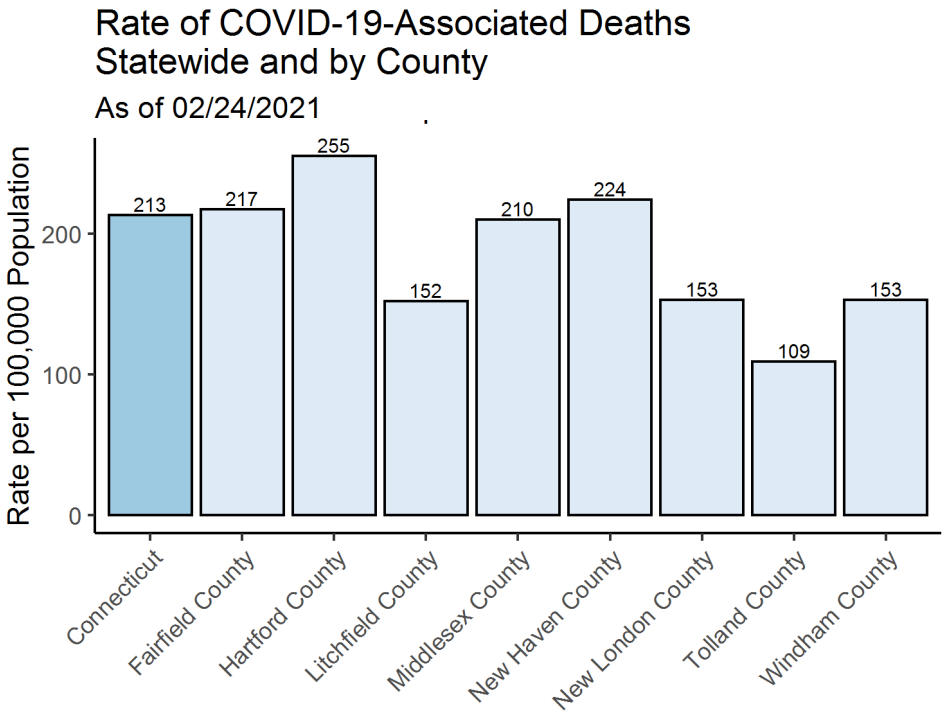
APPENDIX A. Cumulative Number of COVID-19 Cases by Town

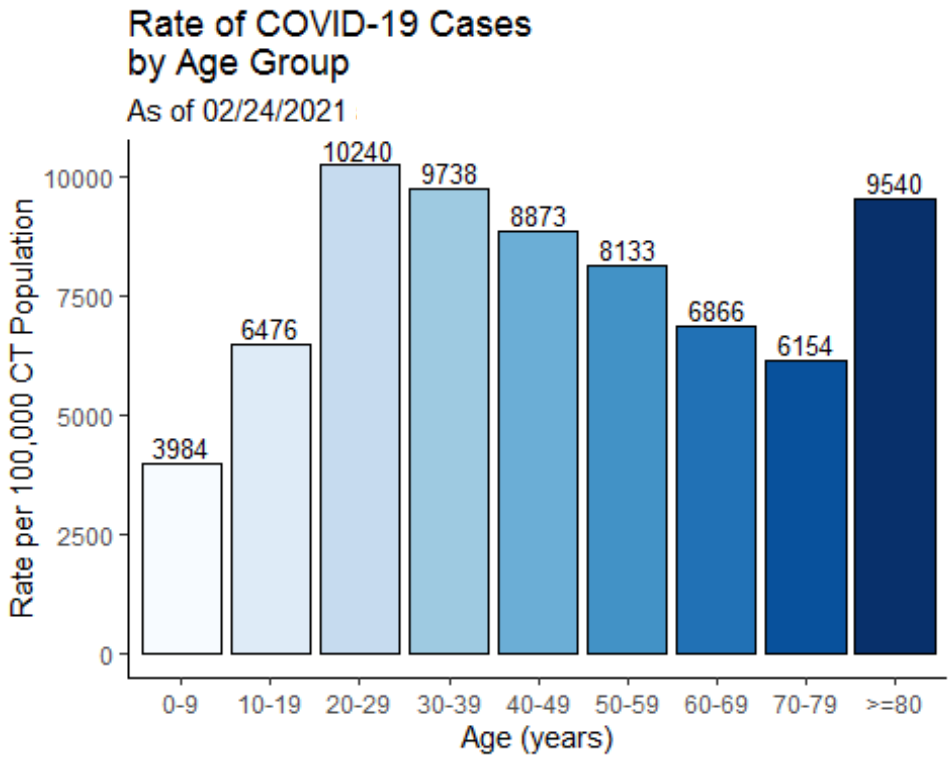
Table does not include 970 cases pending address validation

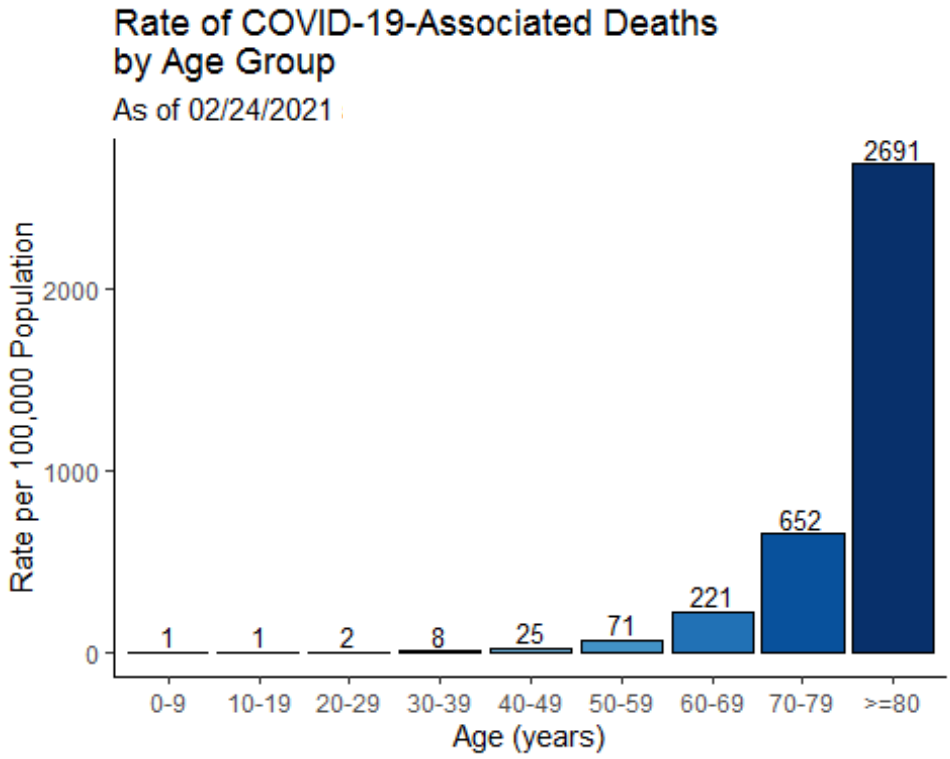
Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	134	17	Griswold	873	14	Prospect	643	56
Ansonia	1,333	157	Groton	2,165	125	Putnam	661	33
Ashford	214	8	Guilford	988	71	Redding	364	45
Avon	736	37	Haddam	378	29	Ridgefield	999	154
Barkhamsted	124	4	Hamden	4,195	429	Rocky Hill	1408	90
Beacon Falls	414	24	Hampton	153	1	Roxbury	78	20
Berlin	1,248	63	Hartford	13,505	481	Salem	200	7
Bethany	296	26	Hartland	74	2	Salisbury	111	3
Bethel	1,378	214	Harwinton	252	14	Scotland	38	0
Bethlehem	153	17	Hebron	392	28	Seymour	1206	101
Bloomfield	1,658	69	Kent	105	19	Sharon	91	2
Bolton	211	16	Killingly	1,422	54	Shelton	2748	258
Bozrah	195	3	Killingworth	280	22	Sherman	101	42
Branford	1,691	191	Lebanon	378	8	Simsbury	843	48
Bridgeport	14,637	779	Ledyard	835	22	Somers	763	58
Bridgewater	48	16	Lisbon	239	3	South Windsor	1314	60
Bristol	4,460	266	Litchfield	312	21	Southbury	1014	103
Brookfield	1,063	244	Lyme	78	8	Southington	2644	301
Brooklyn	675	13	Madison	865	65	Sprague	194	6
Burlington	429	23	Manchester	3,789	245	Stafford	506	23
Canaan	7	0	Mansfield	1,083	115	Stamford	12358	522
Canterbury	349	11	Marlborough	309	22	Sterling	233	6
Canton	369	21	Meriden	6,280	380	Stonington	895	51
Chaplin	100	5	Middlebury	527	47	Stratford	3716	400
Cheshire	1,564	226	Middlefield	197	19	Suffield	1045	224
Chester	184	8	Middletown	3,335	259	Thomaston	513	37
Clinton	741	41	Milford	3,367	325	Thompson	541	22
Colchester	950	63	Monroe	960	98	Tolland	730	42
Colebrook	36	2	Montville	1,481	91	Torrington	2655	77
Columbia	267	15	Morris	106	4	Trumbull	2296	214
Cornwall	42	0	Naugatuck	2,548	203	Union	40	1
Coventry	545	46	New Britain	7,935	340	Vernon	1601	101
Cromwell	960	62	New Canaan	1,069	87	Voluntown	170	2
Danbury	9,949	1,081	New Fairfield	753	122	Wallingford	3352	203
Darien	1,058	130	New Hartford	260	9	Warren	17	7
Deep River	233	16	New Haven	10,362	621	Washington	135	23
Derby	863	77	New London	2,864	52	Waterbury	11643	922
Durham	441	44	New Milford	1,358	406	Waterford	1335	67
East Granby	204	5	Newington	2,200	123	Watertown	1738	183
East Haddam	309	40	Newtown	1,291	233	West Hartford	3422	354
East Hampton	621	48	Norfolk	58	1	West Haven	4195	372
East Hartford	5,261	213	North Branford	810	101	Westbrook	395	29
East Haven	2,342	303	North Canaan	176	7	Weston	420	40
East Lyme	1,019	126	North Haven	1,594	219	Westport	1289	108
East Windsor	762	33	North Stonington	225	12	Wethersfield	2157	96
Eastford	73	2	Norwalk	8,865	568	Willington	212	14
Easton	303	23	Norwich	3,523	67	Wilton	837	117
Ellington	769	41	Old Lyme	274	6	Winchester	485	4
Enfield	2,795	146	Old Saybrook	705	39	Windham	2631	70
Essex	349	23	Orange	760	88	Windsor	2300	99
Fairfield	3,700	416	Oxford	686	39	Windsor Locks	856	21
Farmington	1,146	75	Plainfield	1,134	30	Wolcott	1418	125
Franklin	169	1	Plainville	1,187	99	Woodbridge	417	46
Glastonbury	1,671	126	Plymouth	667	65	Woodbury	445	46
Goshen	119	4	Pomfret	218	5	Woodstock	435	7
Granby	432	16	Portland	501	28			
Greenwich	3,703	259	Preston	294	6			

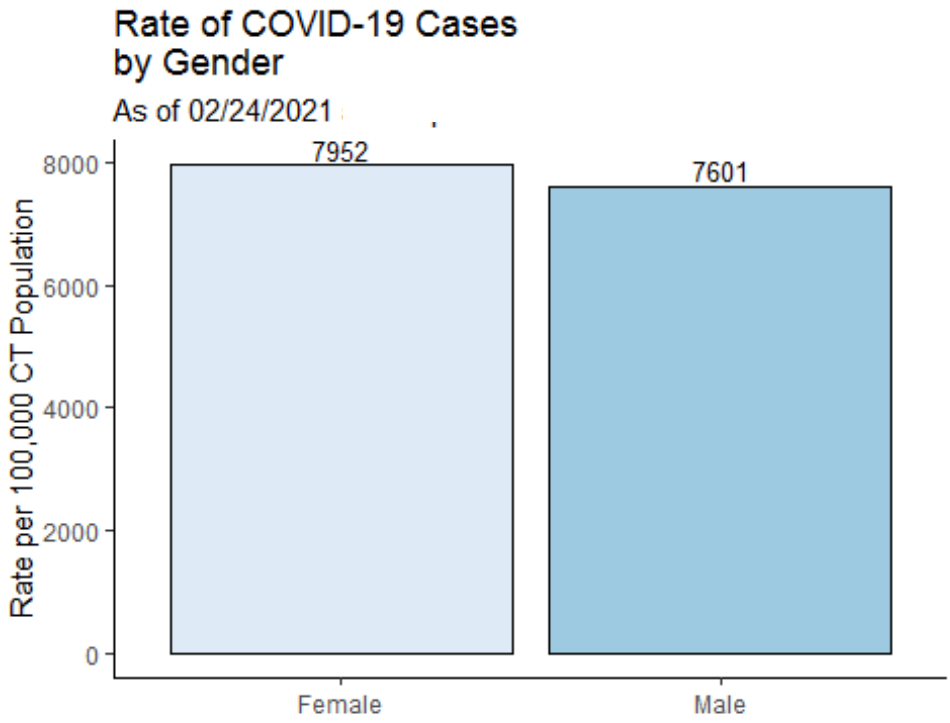
APPENDIX B. The following graphs show the number of cases per 100,000 Connecticut residents statewide and by county, age group, and gender. Population estimate from: [DPH Population Statistics]

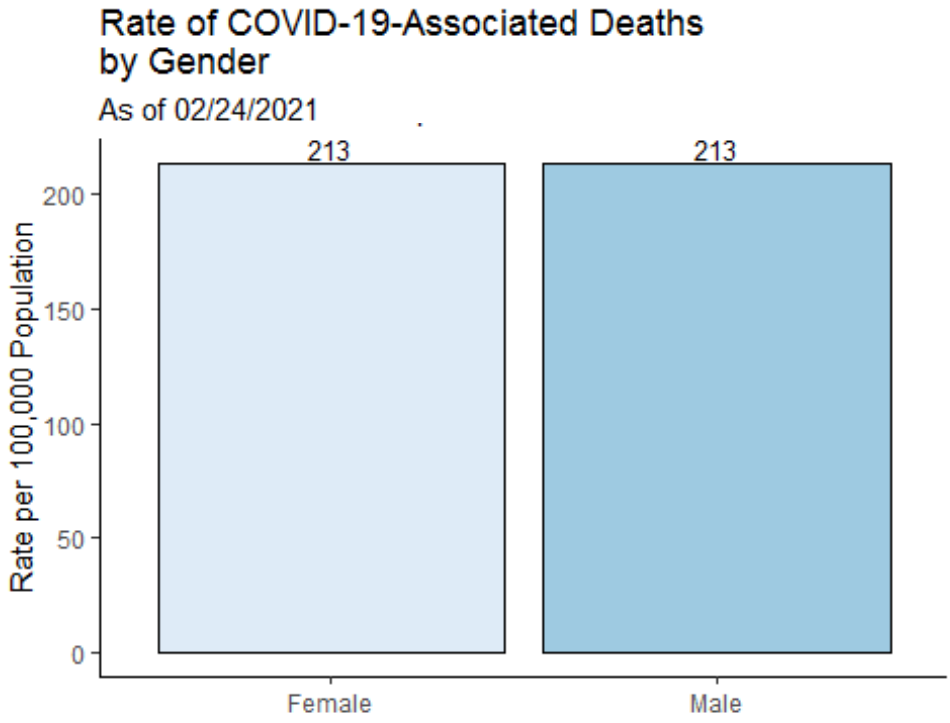




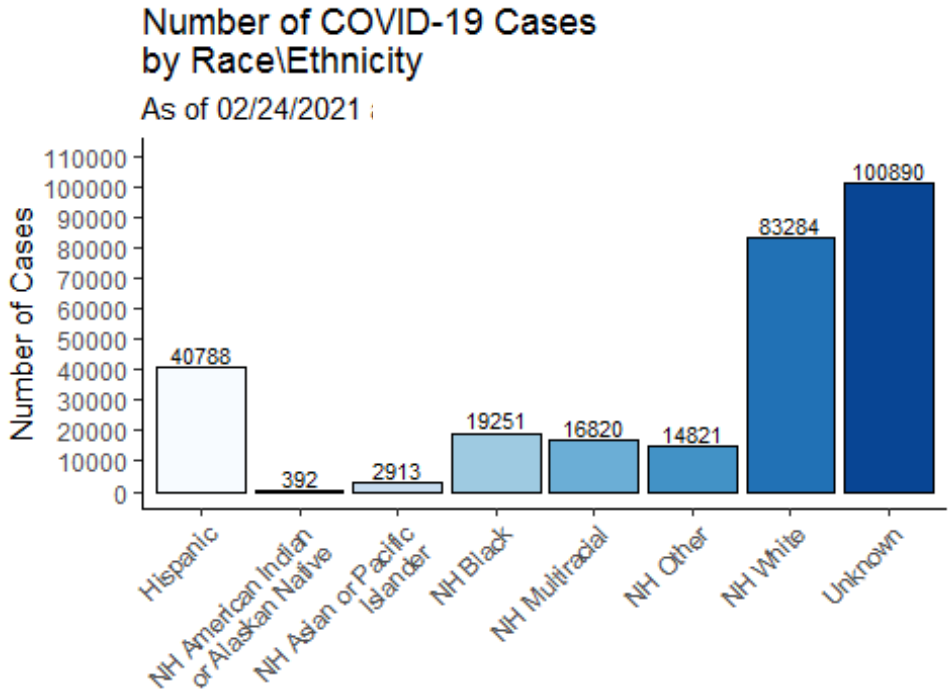

Rate of COVID-19 Cases
by Age Group
As of 02/24/2021
Rate per 100,000 CT Population
0
2500
5000
7500
10000
3984
6476
10240
9738
8873
8133
6866
6154
9540
0-9
10-19
20-29
30-39
40-49
50-59
60-69
70-79
>=80
Age (years)

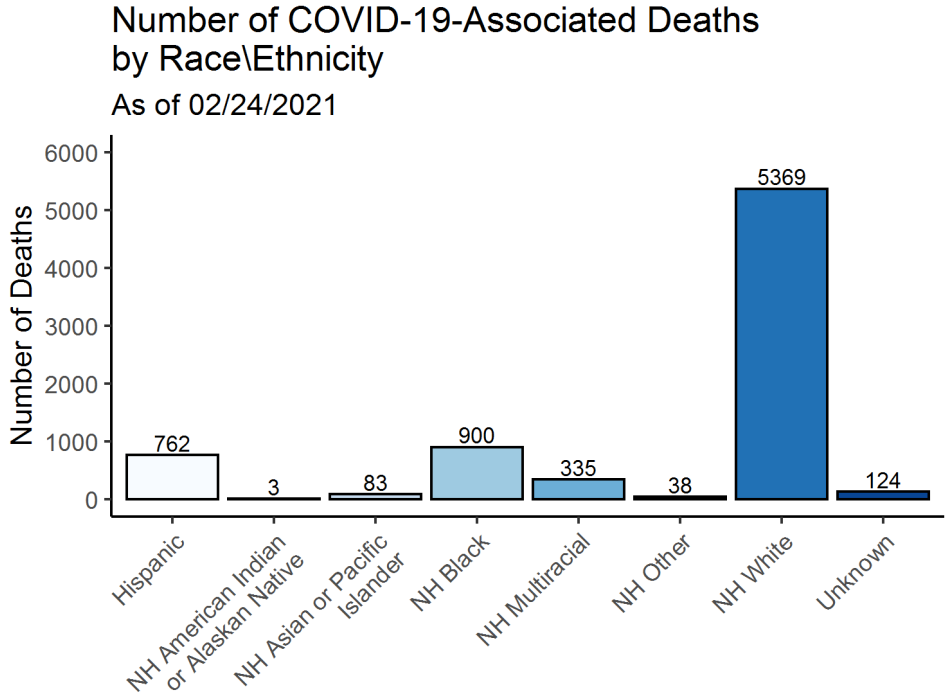

Rate of COVID-19-Associated Deaths
by Age Group
As of 02/24/2021
Rate per 100,000 Population
0
1000
2000
1
1
2
8
25
71
221
652
2691
0-9
10-19
20-29
30-39
40-49
50-59
60-69
70-79
>=80
Age (years)


Rate of COVID-19 Cases
by Gender
As of 02/24/2021
Rate per 100,000 CT Population
8000
6000
4000
2000
0
7952
7601
Female
Male


Rate of COVID-19-Associated Deaths
by Gender
As of 02/24/2021
Rate per 100,000 Population
200
150
100
50
0
213
213
Female
Male

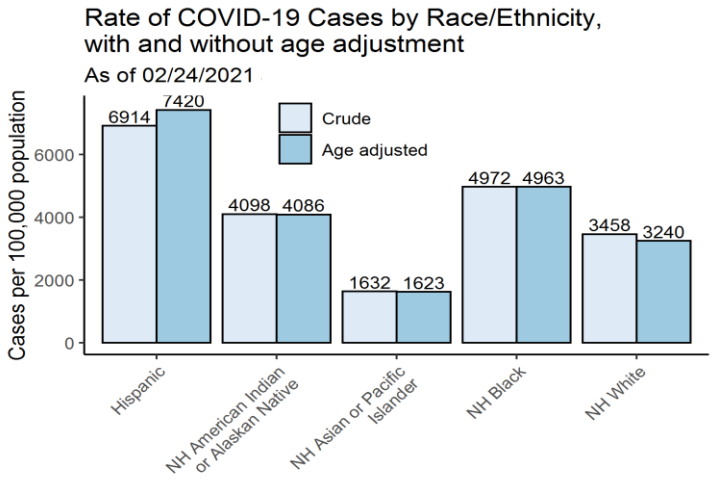
APPENDIX C. The following graphs show the number of cases and deaths by race and ethnicity. *Categories are mutually exclusive. The category "multiracial" includes people who answered 'yes' to more than one race category. NH=Non-Hispanic*

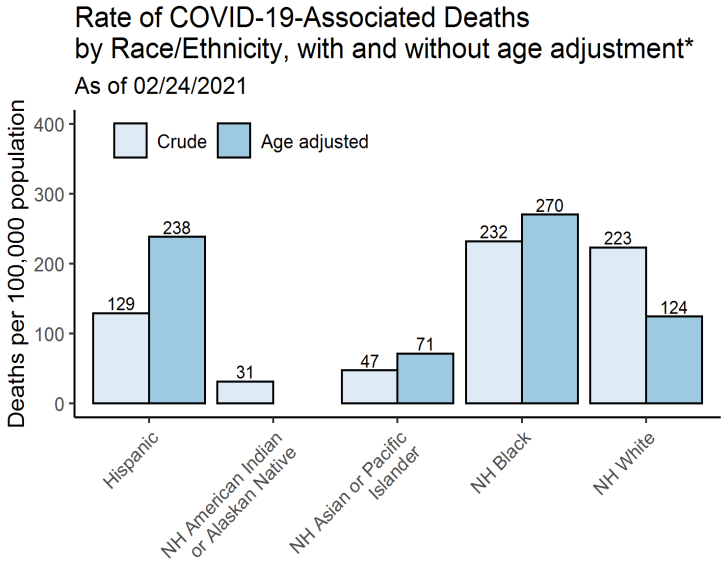




The following graphs show the number of COVID-19 cases and COVID-19-associated deaths per 100,000 population by race and ethnicity. Crude rates represent the total cases or deaths per 100,000 people. Age-adjusted rates consider the age of the person at diagnosis or death when estimating the rate and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