COVID-19 Update July 31, 2020

As of **July 30, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **49810**, including **47854** laboratory-confirmed and **1956** probable cases. **Sixty-nine** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **4432** 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 (RT-PCR) 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. Probable cases of COVID-19 involve persons who have not had confirmatory laboratory testing (RT-PCR) performed for COVID-19, but whose symptoms indicate they are likely to have a COVID-19 infection. In Connecticut, most of the probable COVID-19 cases involve persons whose death certificates list COVID-19 disease or SARS-CoV-2 as a cause of death or a significant condition contributing to death. Prior to June 1, probable and confirmed cases were reported together.

Overall Summary	Total**	Change Since Yesterday
COVID-19 Cases	49810	+140
COVID-19-Associated Deaths	4432	+1
Patients Currently Hospitalized with COVID-19	69	+3
COVID-19 PCR Tests Reported	792040	+15265

**Includes confirmed plus probable cases

COVID-19 Cases and Associated Deaths by County of Residence
As of 07/30/20 8:30pm.

County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	17147	646	1094	312
Hartford County	12008	637	1093	319
Litchfield County	1534	63	117	21
Middlesex County	1316	61	153	38
New Haven County	12636	405	951	150
New London County	1339	63	77	26
Tolland County	957	62	52	14
Windham County	685	8	14	1
Pending address validation	232	11	0	0
Total	**47854**	**1956**	**3551**	**881**

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

All data are preliminary and subject to change. Last updated 07-31-2020.

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.

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.

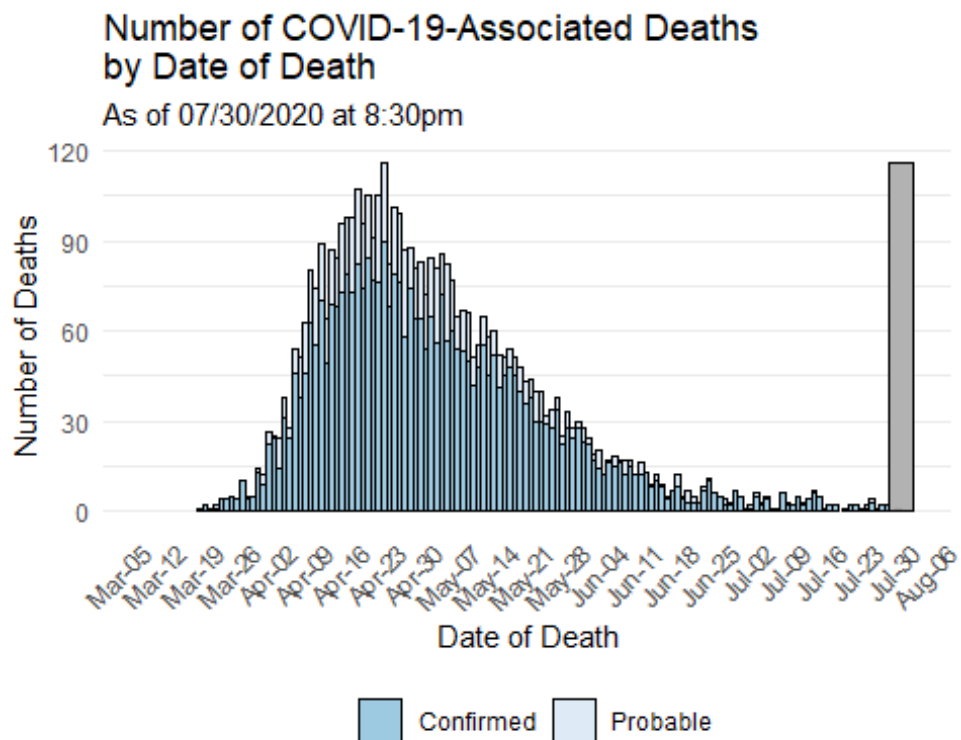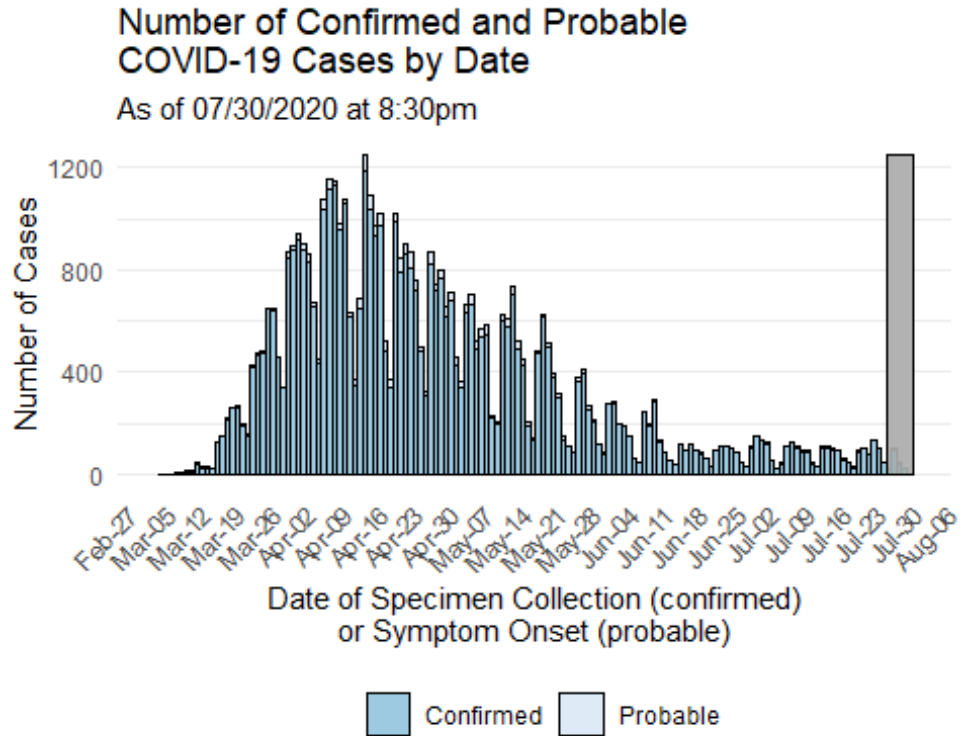**Patients Currently Hospitalized by Connecticut County**
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.
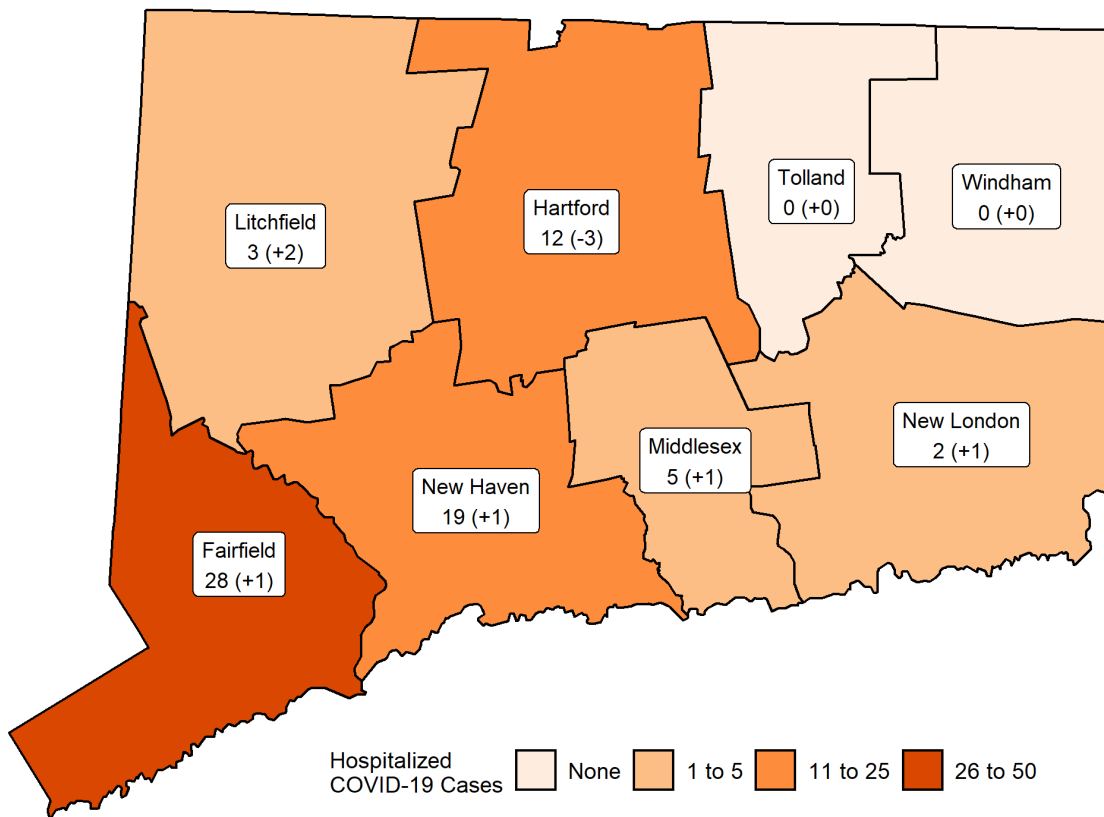
More information about hospitalized cases of COVID-19 in New Haven and Middlesex Counties is available from COVID-NET.

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Characteristics of COVID-19 Cases and Associated Deaths

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 07/30/2020 at 8:30pm

Date of Specimen Collection (confirmed) or Symptom Onset (probable)

Confirmed   Probable

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

As of 07/30/2020 at 8:30pm

Date of Death

Confirmed   Probable

3

Cumulative Number of COVID-19 Cases by Town

Map does not include 232 cases pending address validation

4
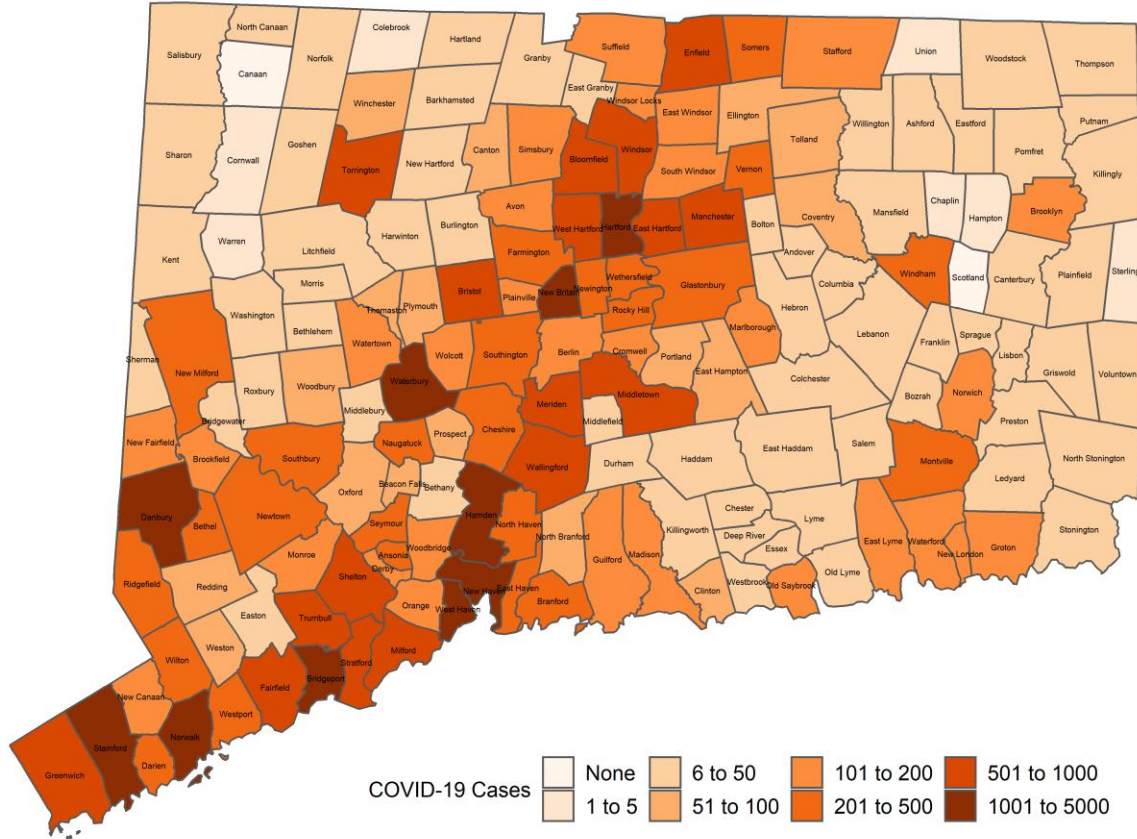
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APPENDIX A. Cumulative Number of COVID-19 Cases by Town

Table does not include 232 cases pending address validation
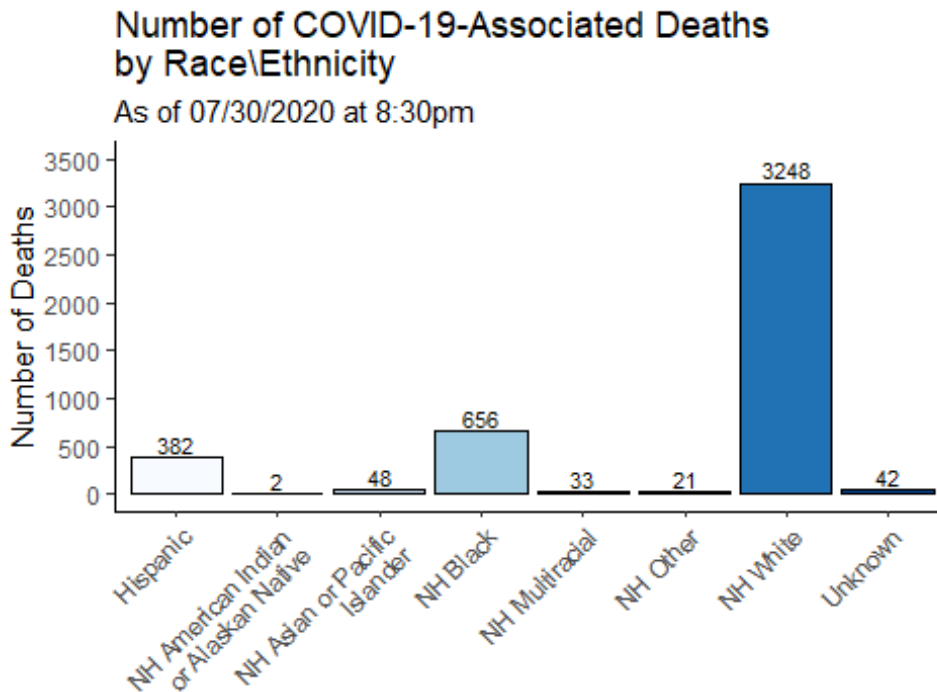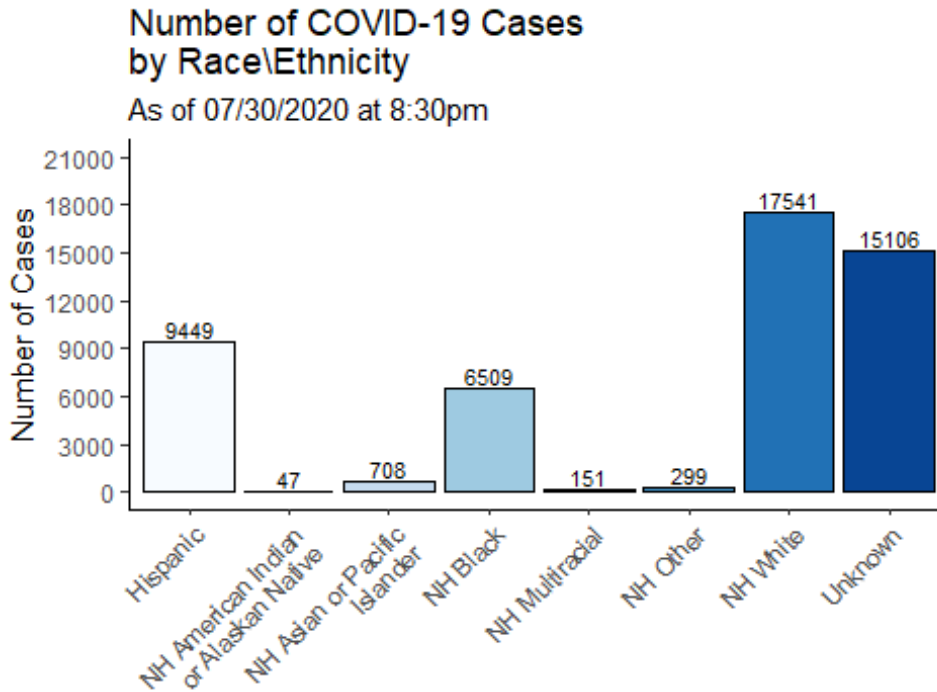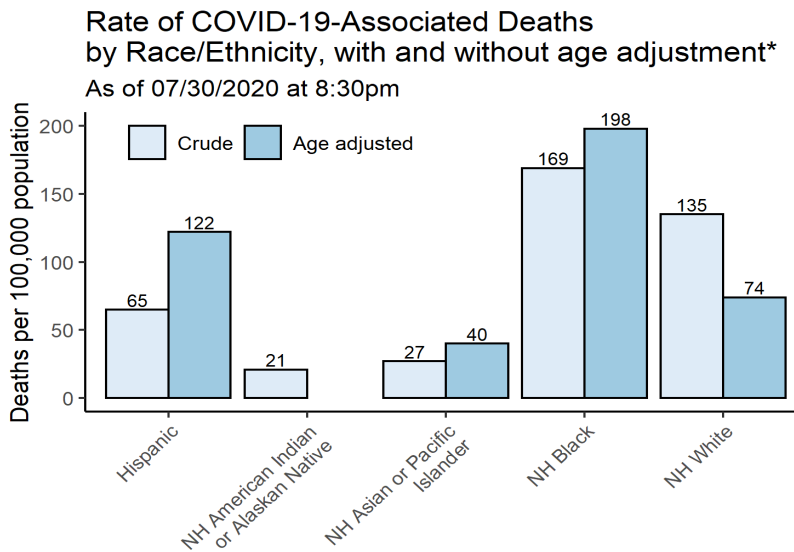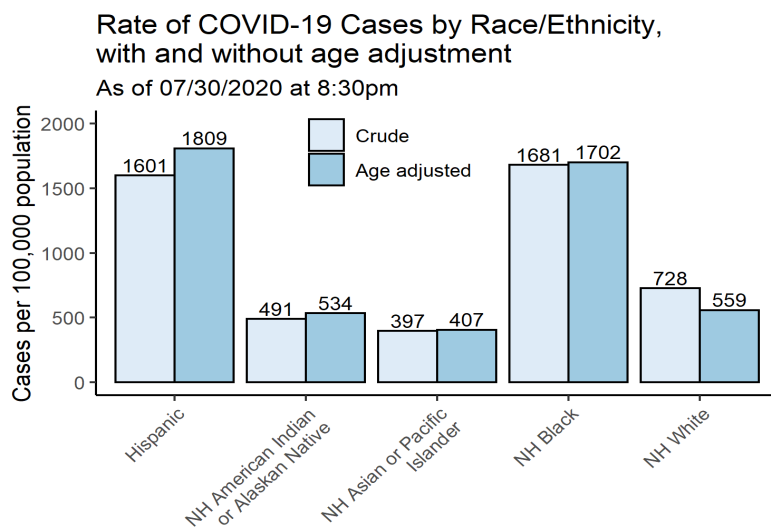
Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	9	0	Griswold	35	3	Prospect	69	0
Ansonia	290	7	Groton	138	13	Putnam	33	1
Ashford	22	1	Guilford	106	5	Redding	71	3
Avon	137	10	Haddam	34	1	Ridgefield	227	11
Barkhamsted	30	1	Hamden	1023	38	Rocky Hill	416	18
Beacon Falls	59	0	Hampton	2	0	Roxbury	6	3
Berlin	172	7	Hartford	2723	123	Salem	12	0
Bethany	39	0	Hartland	6	0	Salisbury	15	0
Bethel	266	12	Harwinton	31	3	Scotland	0	0
Bethlehem	12	1	Hebron	31	2	Seymour	232	11
Bloomfield	512	29	Kent	10	1	Sharon	14	0
Bolton	22	1	Killingly	35	2	Shelton	625	36
Bozrah	11	0	Killingworth	16	0	Sherman	15	2
Branford	349	12	Lebanon	27	0	Simsbury	122	13
Bridgeport	3758	118	Ledyard	28	0	Somers	267	21
Bridgewater	11	0	Lisbon	11	0	South Windsor	158	15
Bristol	628	18	Litchfield	46	1	Southbury	197	5
Brookfield	171	5	Lyme	6	0	Southington	341	13
Brooklyn	134	1	Madison	149	7	Sprague	6	0
Burlington	33	1	Manchester	740	59	Stafford	118	8
Canaan	0	0	Mansfield	40	2	Stamford	3343	73
Canterbury	15	1	Marlborough	97	4	Sterling	2	0
Canton	86	9	Meriden	943	35	Stonington	30	5
Chaplin	4	0	Middlebury	47	3	Stratford	859	38
Cheshire	217	8	Middlefield	18	0	Suffield	148	15
Chester	45	1	Middletown	625	25	Thomaston	62	2
Clinton	59	4	Milford	681	23	Thompson	41	1
Colchester	42	3	Monroe	130	5	Tolland	46	8
Colebrook	5	0	Montville	287	6	Torrington	558	23
Columbia	28	0	Morris	15	0	Trumbull	532	49
Cornwall	5	0	Naugatuck	411	10	Union	4	1
Coventry	49	4	New Britain	1180	53	Vernon	251	11
Cromwell	128	13	New Canaan	196	3	Voluntown	10	0
Danbury	2117	75	New Fairfield	118	2	Wallingford	502	10
Darien	227	6	New Hartford	32	0	Warren	5	0
Deep River	13	2	New Haven	2757	53	Washington	22	1
Derby	172	0	New London	184	6	Waterbury	2069	89
Durham	43	3	New Milford	297	9	Waterford	174	8
East Granby	11	0	Newington	390	21	Watertown	149	8
East Haddam	20	0	Newtown	243	14	West Hartford	725	56
East Hampton	48	4	Norfolk	13	1	West Haven	1065	39
East Hartford	903	57	North Branford	88	4	Westbrook	36	0
East Haven	417	22	North Canaan	6	1	Weston	72	3
East Lyme	152	11	North Haven	280	4	Westport	316	15
East Windsor	153	14	North Stonington	15	1	Wethersfield	259	6
Eastford	10	0	Norwalk	2072	56	Willington	16	0
Easton	34	1	Norwich	119	7	Wilton	214	26
Ellington	76	4	Old Lyme	25	0	Winchester	55	1
Enfield	658	14	Old Saybrook	111	4	Windham	300	0
Essex	48	0	Orange	131	3	Windsor	554	44
Fairfield	657	51	Oxford	83	4	Windsor Locks	129	6
Farmington	223	7	Plainfield	44	1	Wolcott	119	6
Franklin	8	0	Plainville	179	2	Woodbridge	141	7
Glastonbury	293	23	Plymouth	72	5	Woodbury	52	1
Goshen	11	1	Pomfret	18	0	Woodstock	25	0
Granby	32	0	Portland	72	4			
Greenwich	884	42	Preston	19	0			

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APPENDIX B. 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*

Number of COVID-19 Cases by Race\Ethnicity
As of 07/30/2020 at 8:30pm

Race/Ethnicity	Number of Cases
Hispanic	9449
NH American Indian or Alaskan Native	47
NH Asian or Pacific Islander	708
NH Black	6509
NH Multiracial	151
NH Other	299
NH White	17541
Unknown	15106

Number of COVID-19-Associated Deaths by Race\Ethnicity
As of 07/30/2020 at 8:30pm

Race/Ethnicity	Number of Deaths
Hispanic	382
NH American Indian or Alaskan Native	2
NH Asian or Pacific Islander	48
NH Black	656
NH Multiracial	33
NH Other	21
NH White	3248
Unknown	42

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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*

Rate of COVID-19 Cases by Race/Ethnicity, with and without age adjustment
As of 07/30/2020 at 8:30pm

Rate of COVID-19-Associated Deaths by Race/Ethnicity, with and without age adjustment*
As of 07/30/2020 at 8:30pm

Age adjusted rates only calculated for groups with at least 30 deaths

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