COVID-19 Update July 21, 2020

As of **July 20, 2020, at 8:30 PM**, the total of laboratory-confirmed and probable COVID-19 cases reported among Connecticut residents is **48096**, including **46116** laboratory-confirmed and **1980** probable cases. **Sixty-two** patients are currently hospitalized with laboratory-confirmed COVID-19. There have been **4406** COVID-19-associated deaths.

> In Connecticut during the early months of this pandemic, it became 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	48096	+41
COVID-19-Associated Deaths	4406	+0
Patients Currently Hospitalized with COVID-19	62	+8
COVID-19 PCR Tests Reported	660857	+5548

**Includes confirmed plus probable cases

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

County	COVID-19 Cases		COVID-19-Associated Deaths	
	Confirmed	Probable	Confirmed	Probable
Fairfield County	16477	646	1087	312
Hartford County	11424	677	1089	317
Litchfield County	1461	64	117	21
Middlesex County	1302	59	151	38
New Haven County	12404	390	942	150
New London County	1298	59	76	26
Tolland County	878	68	51	14
Windham County	646	7	14	1
Pending address validation	226	10	0	0
Total	**46116**	**1980**	**3527**	**879**

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 07-21-2020

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.

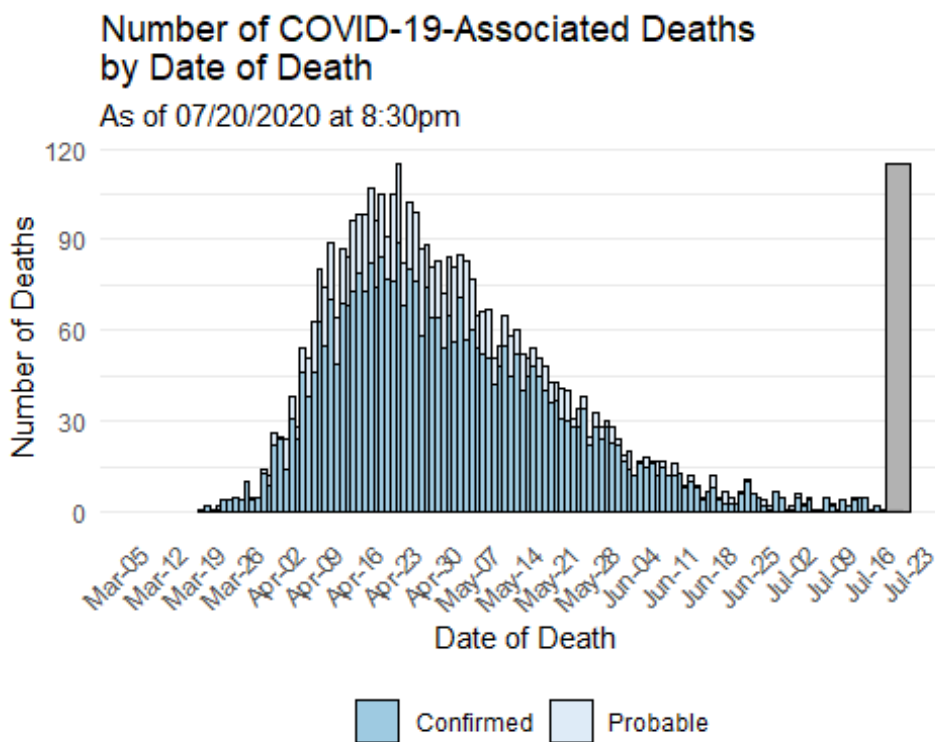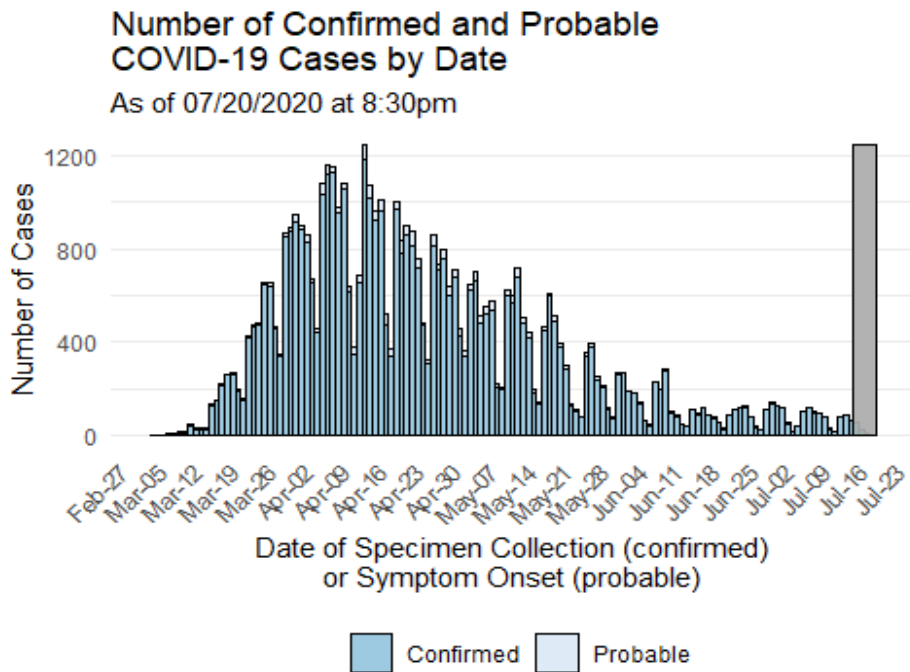**Patients Currently Hospitalized by Connecticut County**
Distribution by location of hospital not patient residence. Data from the Connecticut Hospital Association.
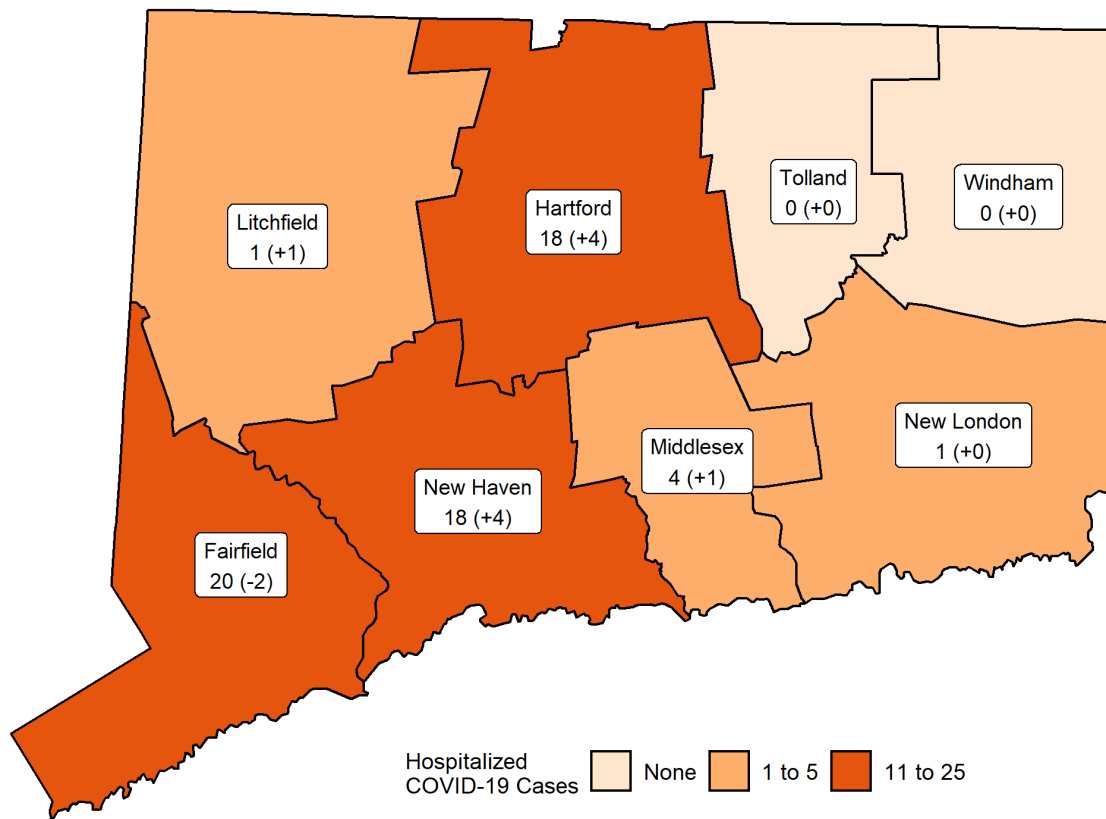
More information about hospitalized cases of COVID-19 in New Haven and Middlesex Counties is available from COVID-NET.

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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 07/20/2020 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 07/20/2020 at 8:30pm

Date of Death

Confirmed   Probable

Cumulative Number of COVID-19 Cases by Town

Map does not include 226 cases pending address validation

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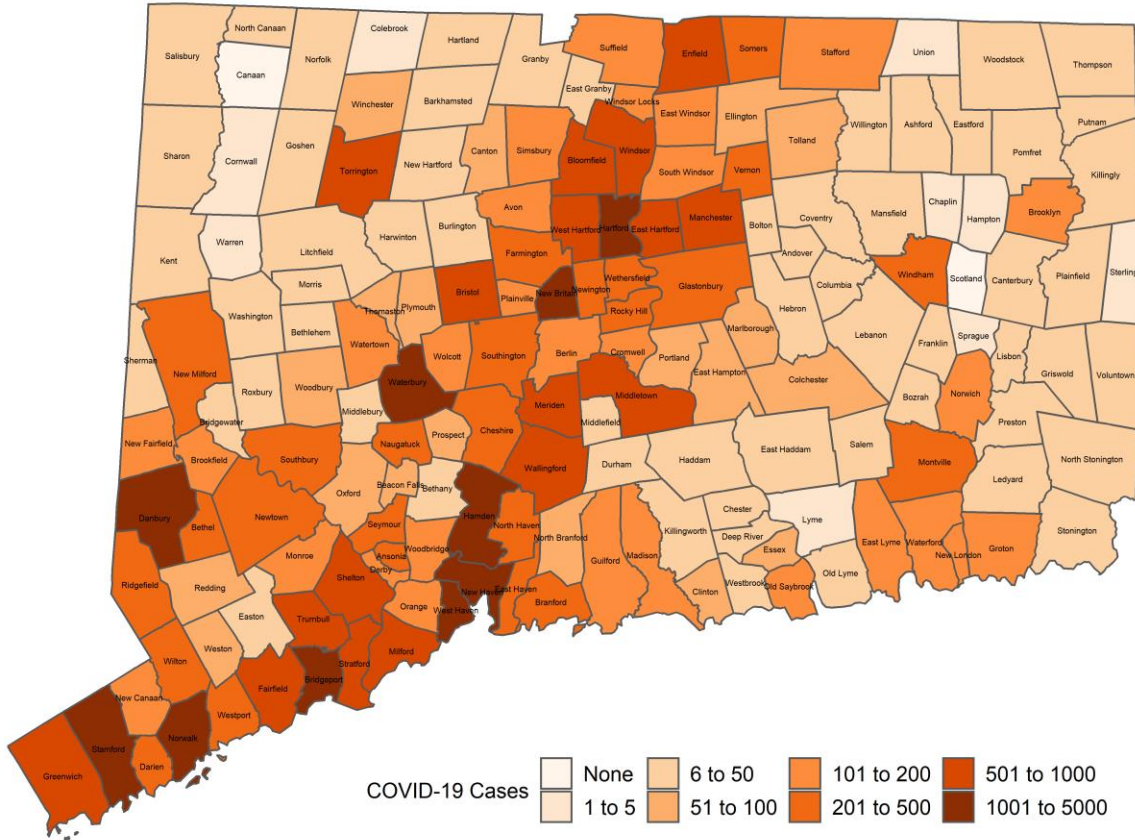
APPENDIX A. Cumulative Number of COVID-19 Cases by Town

Table does not include 226 cases pending address validation
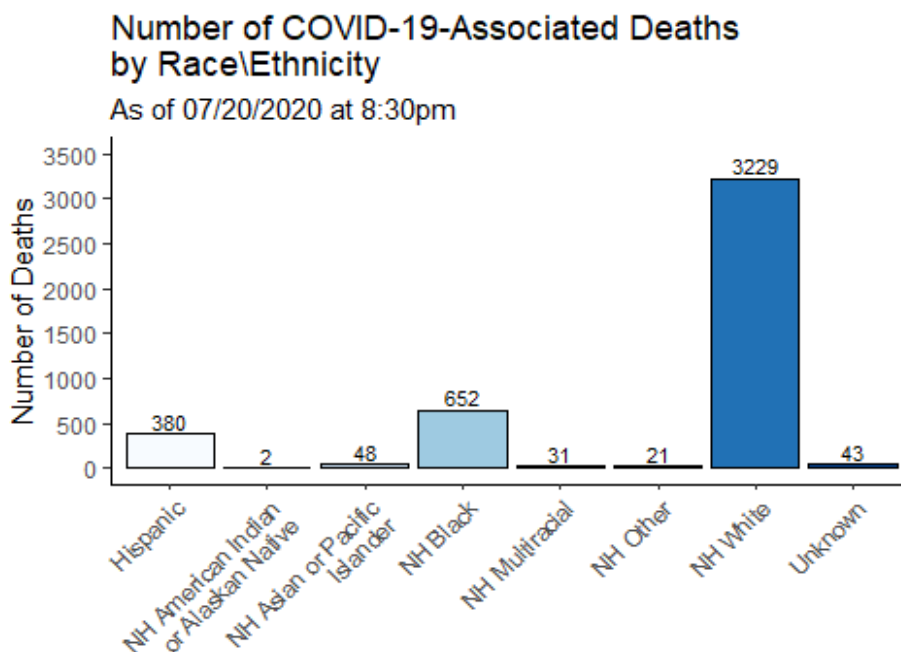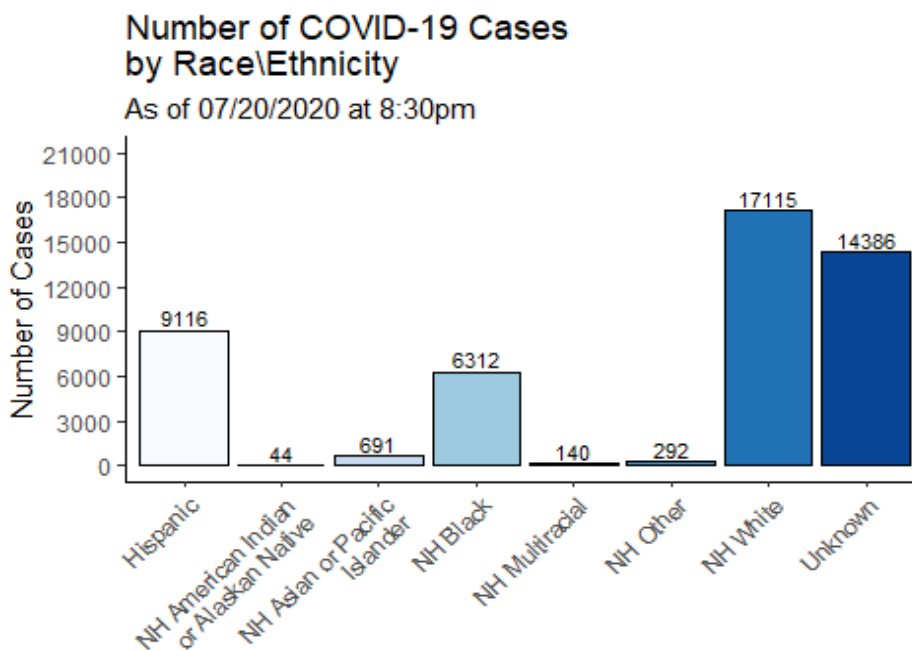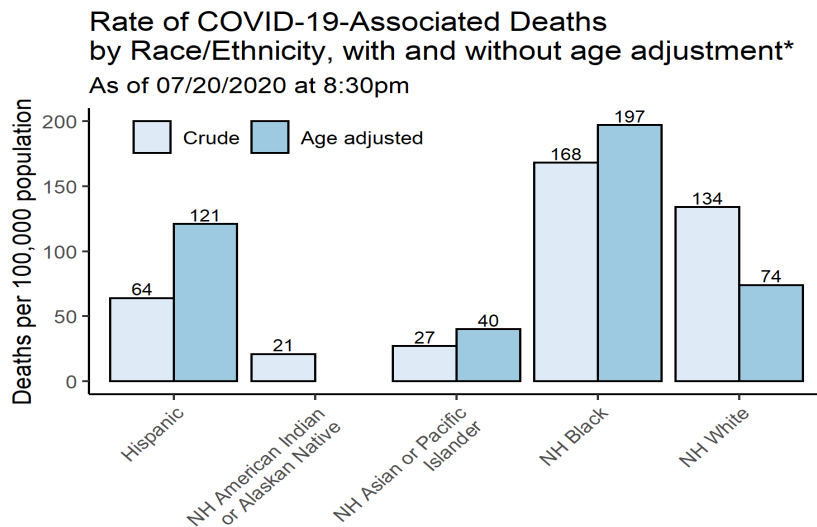
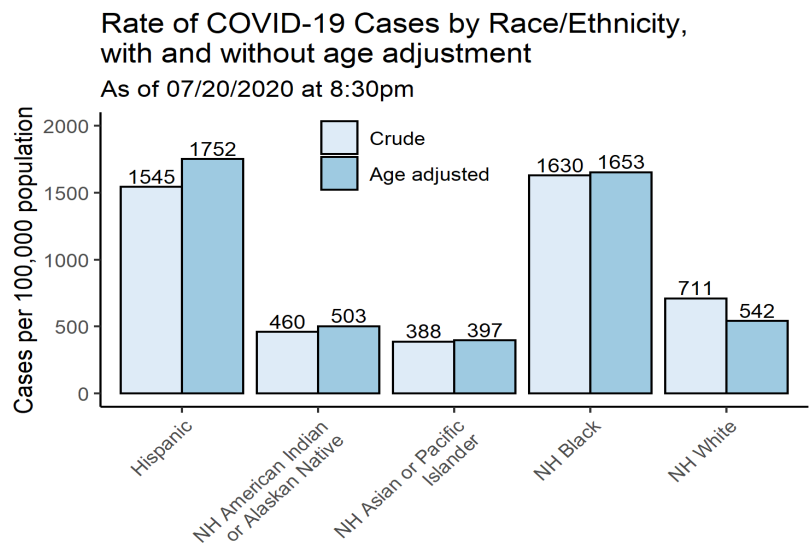| Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases	Town	Confirmed Cases	Probable Cases
Andover	9	0	Griswold	32	2	Prospect	66	0
Ansonia	287	7	Groton	132	12	Putnam	32	1
Ashford	21	0	Guilford	101	5	Redding	67	3
Avon	135	9	Haddam	29	1	Ridgefield	214	12
Barkhamsted	26	1	Hamden	1010	38	Rocky Hill	408	18
Beacon Falls	59	0	Hampton	2	0	Roxbury	5	3
Berlin	167	5	Hartford	2561	143	Salem	6	0
Bethany	39	0	Hartland	6	0	Salisbury	15	0
Bethel	253	10	Harwinton	28	3	Scotland	0	0
Bethlehem	11	1	Hebron	27	2	Seymour	221	12
Bloomfield	496	29	Kent	8	1	Sharon	14	0
Bolton	22	1	Killingly	34	2	Shelton	602	40
Bozrah	8	0	Killingworth	15	0	Sherman	14	2
Branford	340	7	Lebanon	26	0	Simsbury	127	12
Bridgeport	3642	128	Ledyard	26	0	Somers	258	25
Bridgewater	10	0	Lisbon	9	0	South Windsor	154	16
Bristol	615	18	Litchfield	43	1	Southbury	196	5
Brookfield	163	4	Lyme	2	0	Southington	333	14
Brooklyn	128	1	Madison	148	7	Sprague	5	0
Burlington	30	1	Manchester	724	61	Stafford	115	8
Canaan	0	0	Mansfield	38	2	Stamford	3302	73
Canterbury	14	1	Marlborough	96	4	Sterling	2	0
Canton	85	9	Meriden	920	34	Stonington	31	5
Chaplin	4	0	Middlebury	47	3	Stratford	841	37
Cheshire	212	8	Middlefield	18	0	Suffield	144	15
Chester	46	1	Middletown	616	25	Thomaston	58	2
Clinton	58	4	Milford	672	21	Thompson	41	1
Colchester	59	2	Monroe	120	4	Tolland	44	8
Colebrook	3	0	Montville	285	6	Torrington	526	26
Columbia	28	0	Morris	14	1	Trumbull	518	48
Cornwall	5	0	Naugatuck	407	9	Union	4	1
Coventry	44	4	New Britain	1056	72	Vernon	210	12
Cromwell	127	12	New Canaan	190	3	Voluntown	9	0
Danbury	1876	76	New Fairfield	114	1	Wallingford	493	10
Darien	217	3	New Hartford	28	0	Warren	5	0
Deep River	13	2	New Haven	2724	53	Washington	22	1
Derby	170	0	New London	180	6	Waterbury	2018	86
Durham	42	2	New Milford	294	8	Waterford	171	8
East Granby	11	0	Newington	383	21	Watertown	145	7
East Haddam	20	0	Newtown	232	13	West Hartford	671	58
East Hampton	48	4	Norfolk	11	1	West Haven	1053	36
East Hartford	857	58	North Branford	86	4	Westbrook	36	0
East Haven	408	22	North Canaan	6	1	Weston	67	3
East Lyme	149	11	North Haven	268	4	Westport	305	16
East Windsor	147	14	North Stonington	14	1	Wethersfield	249	5
Eastford	8	0	Norwalk	2054	56	Willington	15	0
Easton	33	1	Norwich	111	6	Wilton	204	26
Ellington	64	5	Old Lyme	22	0	Winchester	52	1
Enfield	603	13	Old Saybrook	112	4	Windham	288	0
Essex	51	0	Orange	128	3	Windsor	546	44
Fairfield	619	49	Oxford	80	3	Windsor Locks	119	6
Farmington	216	6	Plainfield	40	1	Wolcott	113	6
Franklin	6	0	Plainville	174	3	Woodbridge	138	7
Glastonbury	283	23	Plymouth	70	5	Woodbury	52	1
Goshen	10	0	Pomfret	15	0	Woodstock	17	0
Granby	28	0	Portland	71	4			
Greenwich	830	38	Preston	15	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 07/20/2020 at 8:30pm

Number of Cases (y-axis): 0, 3000, 6000, 9000, 12000, 15000, 18000, 21000

- Hispanic: 9116
- NH American Indian or Alaskan Native: 44
- NH Asian or Pacific Islander: 691
- NH Black: 6312
- NH Multiracial: 140
- NH Other: 292
- NH White: 17115
- Unknown: 14386

Number of COVID-19-Associated Deaths by Race\Ethnicity
As of 07/20/2020 at 8:30pm

Number of Deaths (y-axis): 0, 500, 1000, 1500, 2000, 2500, 3000, 3500

- Hispanic: 380
- NH American Indian or Alaskan Native: 2
- NH Asian or Pacific Islander: 48
- NH Black: 652
- NH Multiracial: 31
- NH Other: 21
- NH White: 3229
- Unknown: 43

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 07/20/2020 at 8:30pm

Rate of COVID-19-Associated Deaths by Race/Ethnicity, with and without age adjustment*
As of 07/20/2020 at 8:30pm

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