

Connecticut Department of Public Health

Data as of June 21, 2020 at 8:30PM

This report summarizes data on COVID-19 cases and COVID-19 associated deaths by race/ethnicity for the state of Connecticut and the 10 largest Connecticut towns. Data on race/ethnicity are missing on 32% of reported COVID-19 cases. CT DPH has urged healthcare providers and laboratories to complete information on race/ethnicity for all COVID-19 cases.

About the data

All data in this report are preliminary; data will be updated as new COVID-19 case reports are received and data errors are corrected. Data on COVID-19 cases and COVID-19-associated deaths were last updated June 21st, 2020 at 8:30PM.

Information about race and ethnicity are collected on the Connecticut Department of Public Health (DPH) COVID-19 case report form, which is completed by healthcare providers for COVID-19 cases. Information about the race/ethnicity of COVID-19-associated deaths also are collected by the Connecticut Office of the Chief Medical Examiner and shared with DPH. Race/ethnicity categories used in this report are mutually exclusive.

COVID-19-associated deaths include persons who tested positive for COVID-19 around the time of death and persons who were not tested for COVID-19 whose death certificate lists COVID-19 disease as a cause of death or a significant condition contributing to death.

Statewide rates were calculated using 2018 Annual Population Estimates from DPH. Town-specific rates were calculated using 2014 post-censal estimates, the most recent available population data with stratification by race/ethnicity and age at the town level. All population data are available [online from DPH](#).

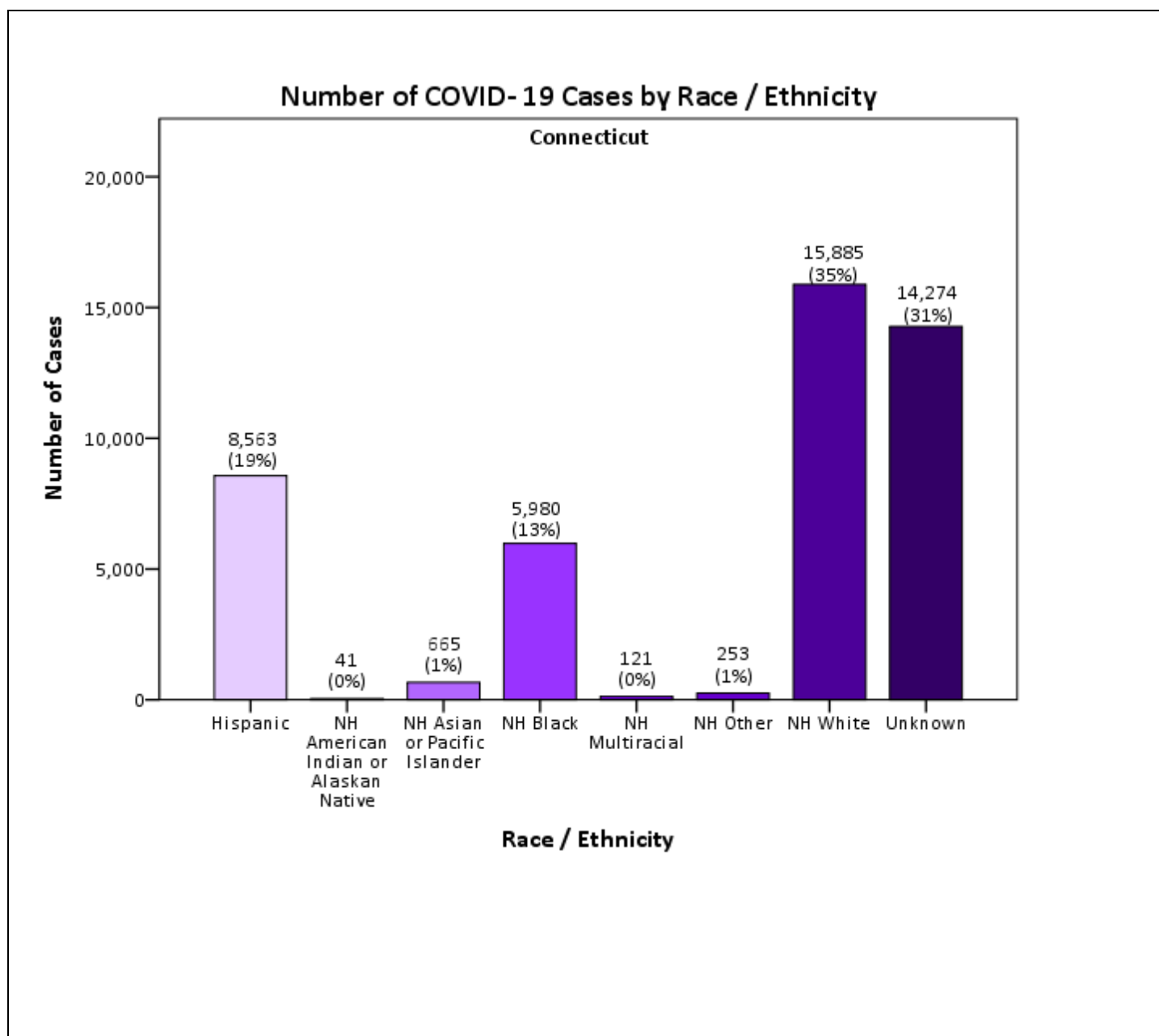
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1. Number of COVID-19 cases by race and ethnicity

This chart shows the number and percentage of cases of COVID-19 by patient race/ethnicity in Connecticut. Of the total 45,782 cases, data on race/ethnicity are missing for 14,274 (31%) of the reported COVID-19 cases.

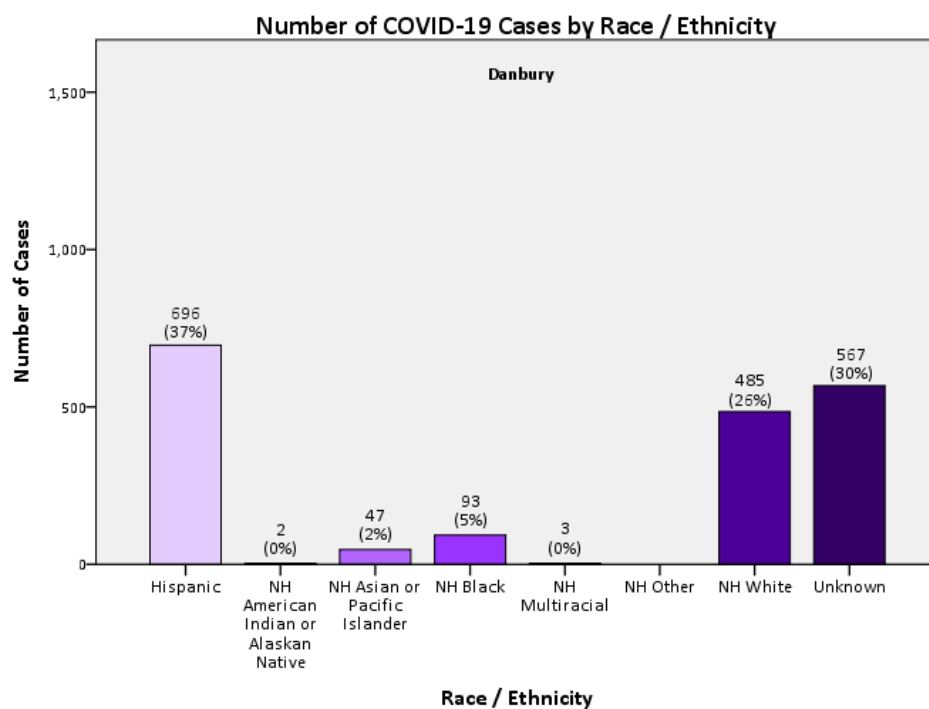
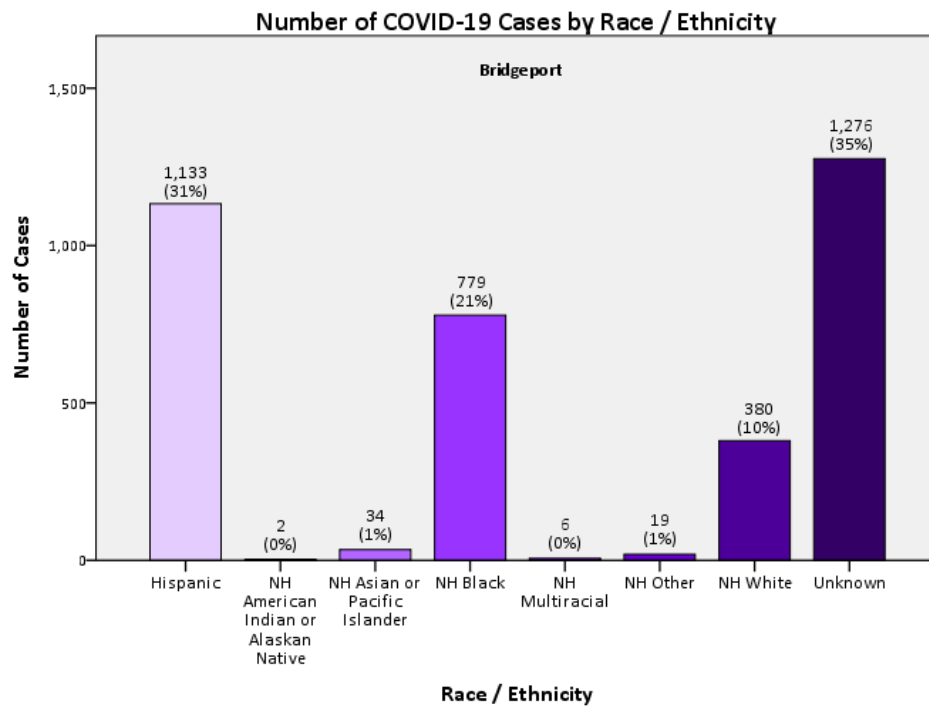
The charts on the following pages show the numbers and percentages of cases of COVID-19 by patient race/ethnicity for the 10 largest Connecticut towns.

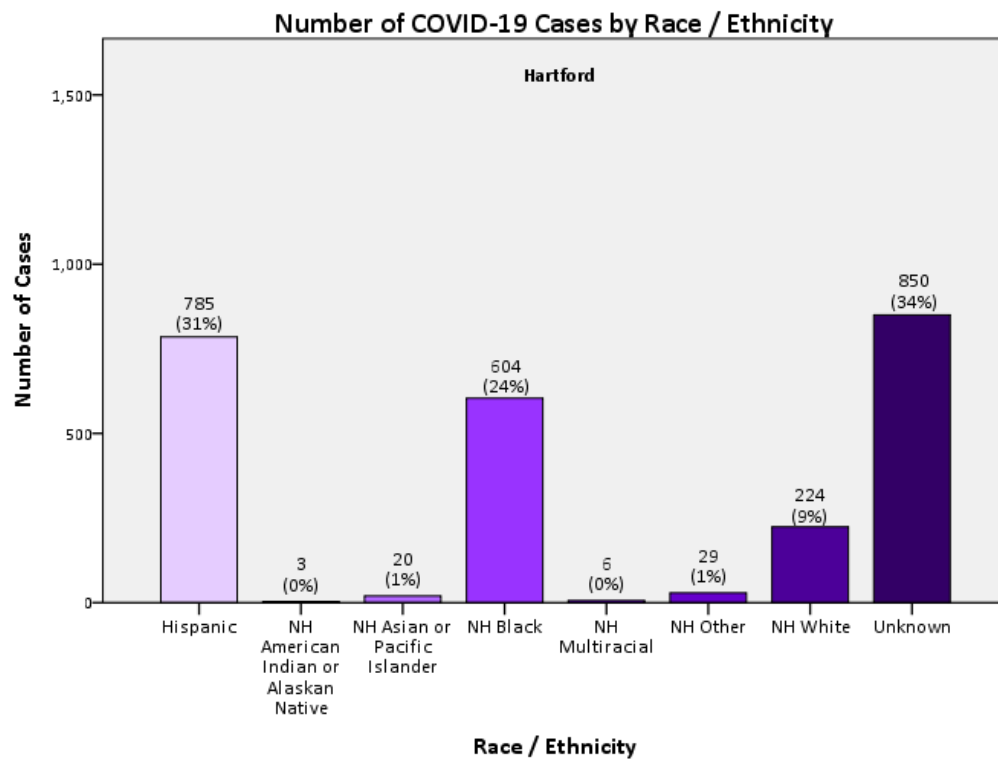
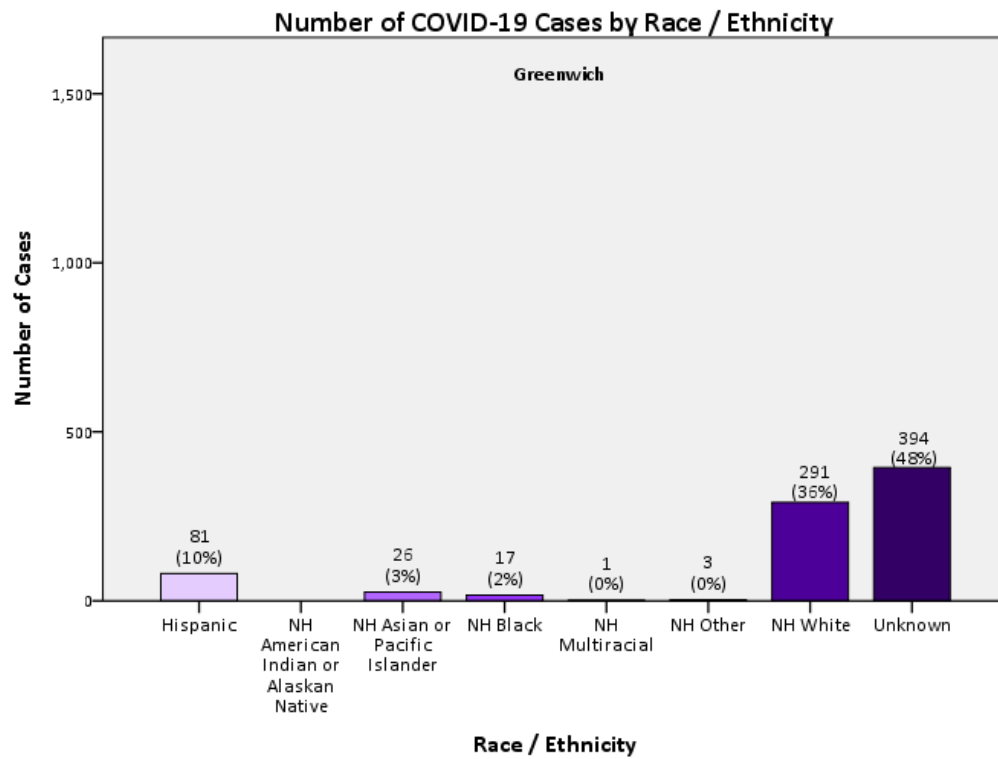


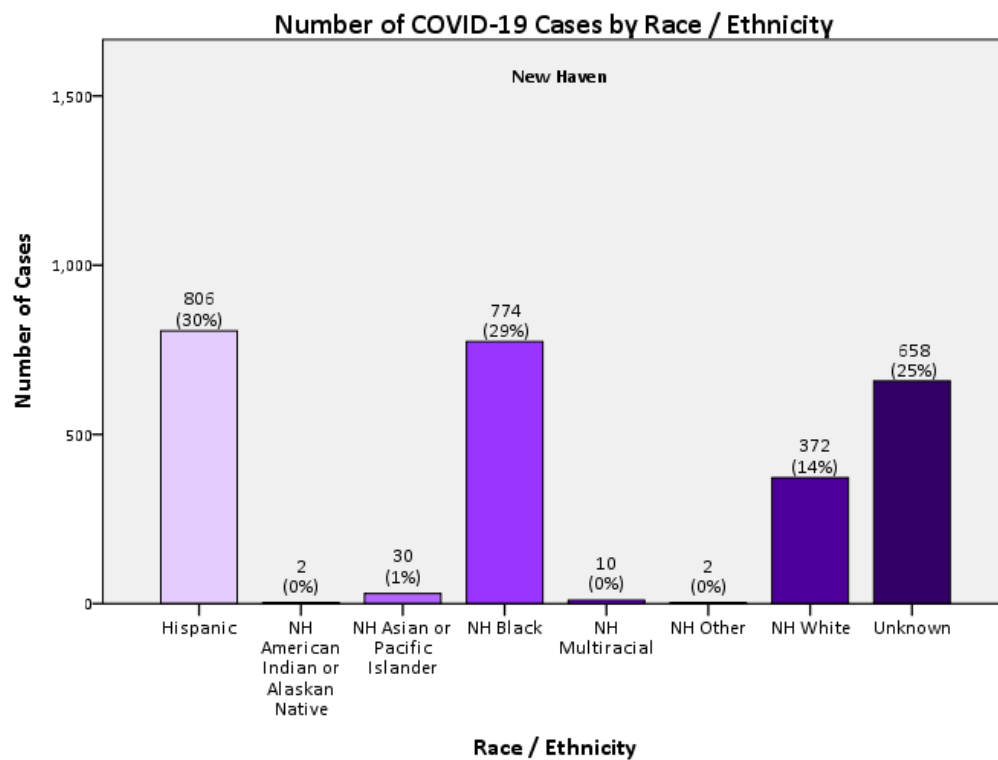
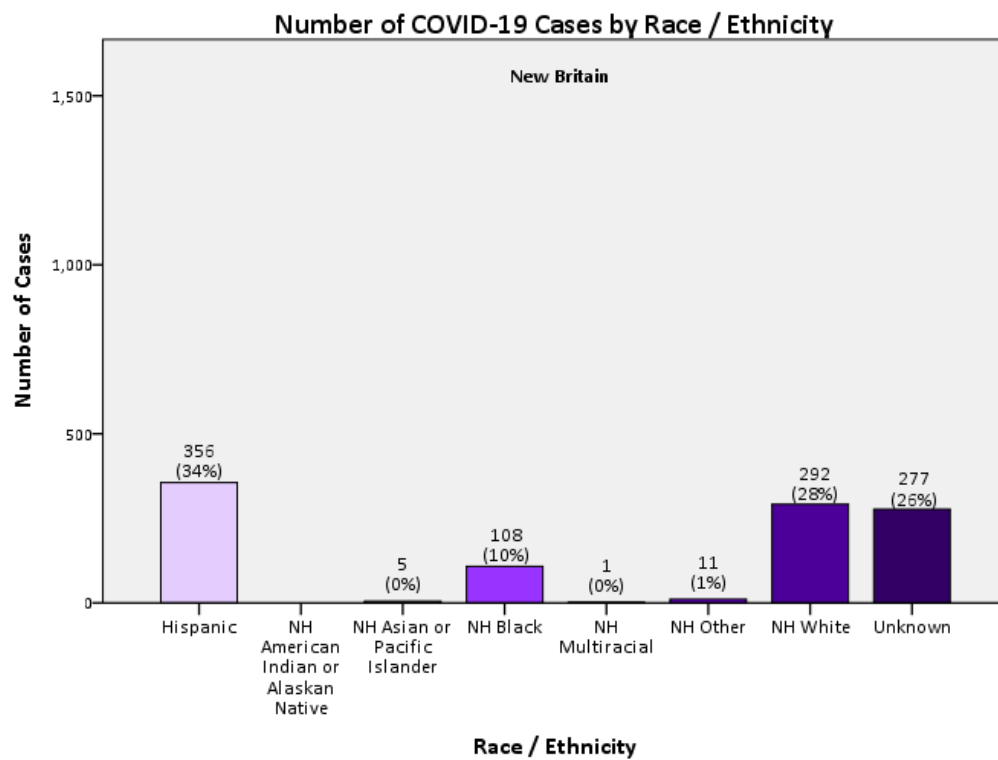
Abbreviation: *NH* = *Non-Hispanic*

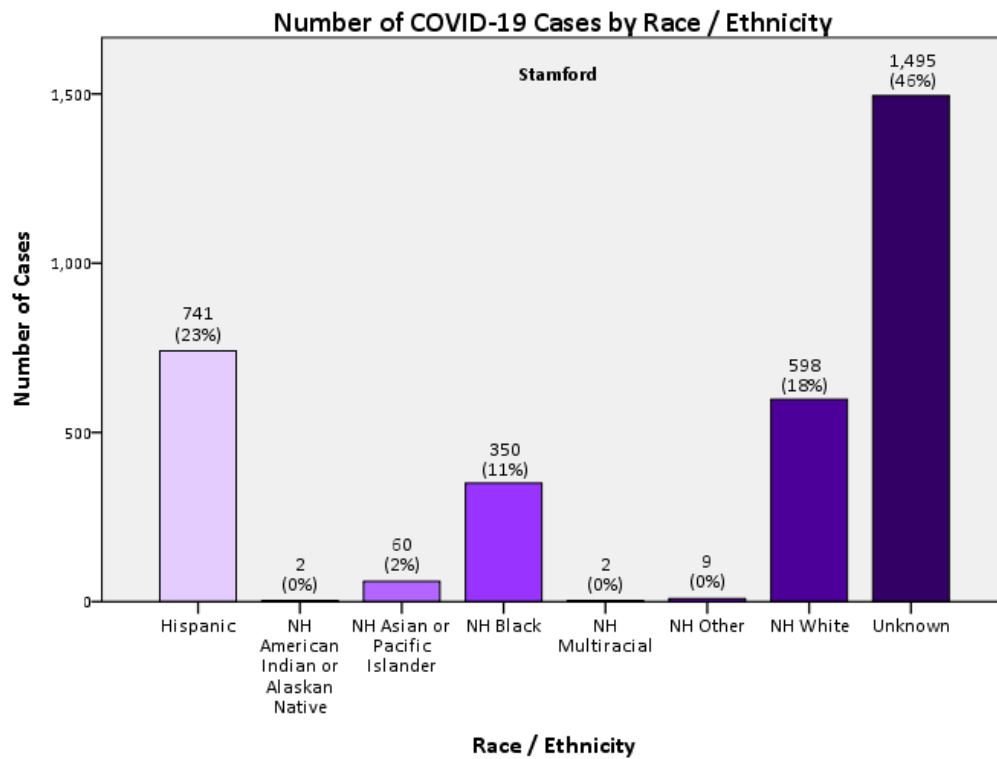
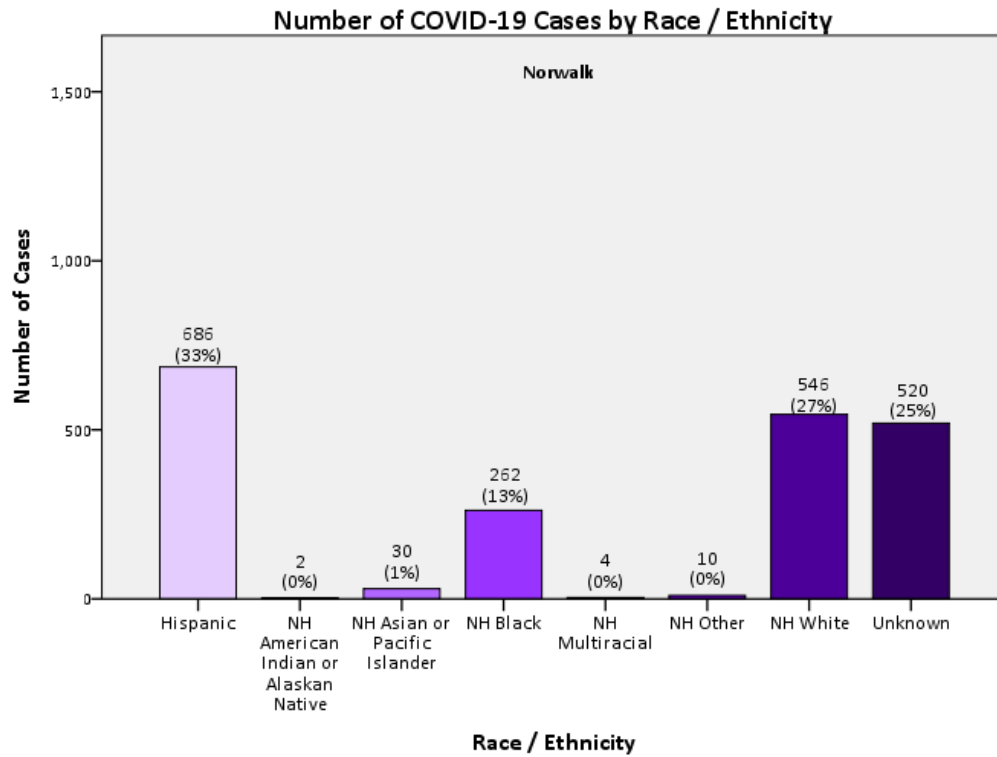
Number and percentage of COVID-19 cases by race and ethnicity for the 10 largest Connecticut towns

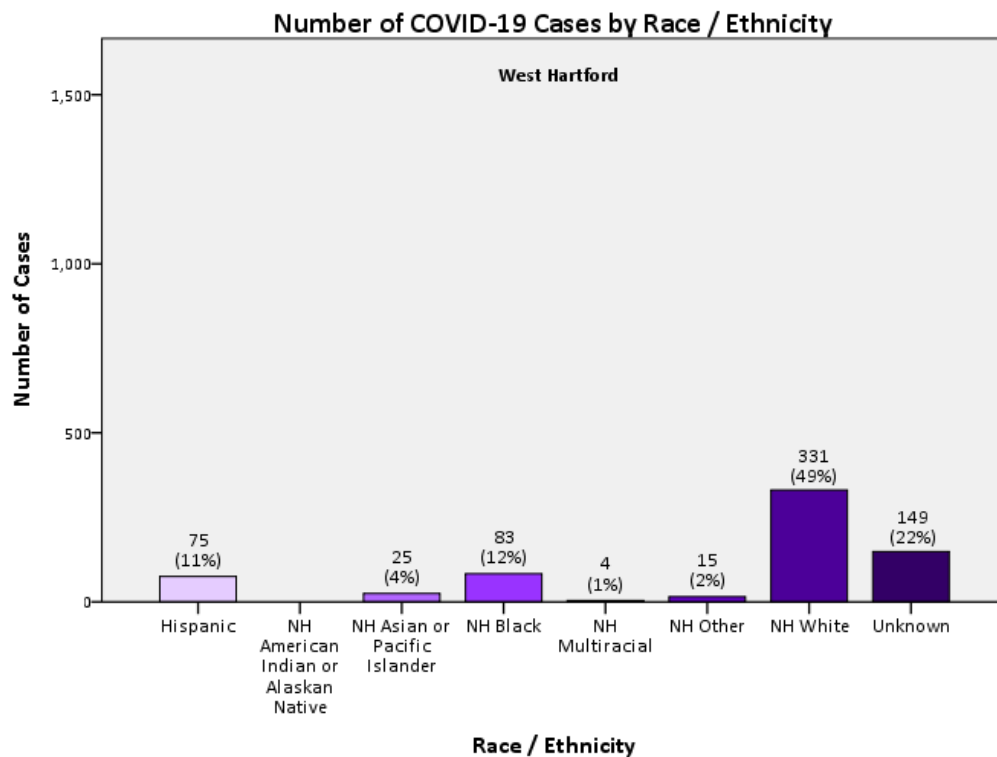
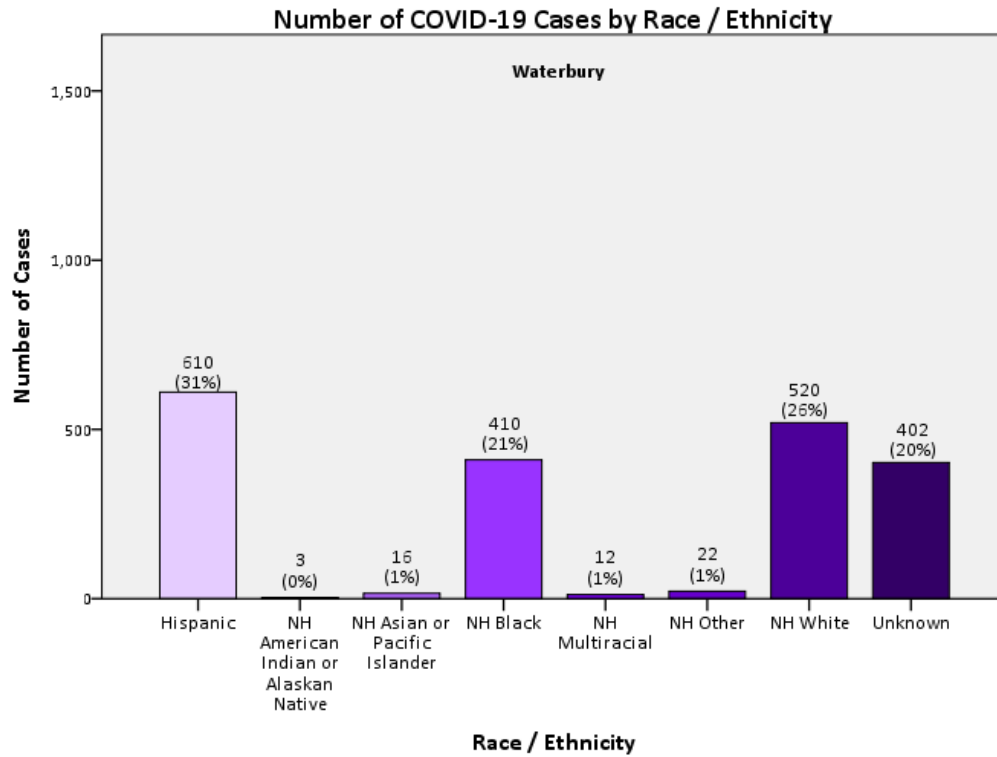
Abbreviation: *NH* = *Non-Hispanic*









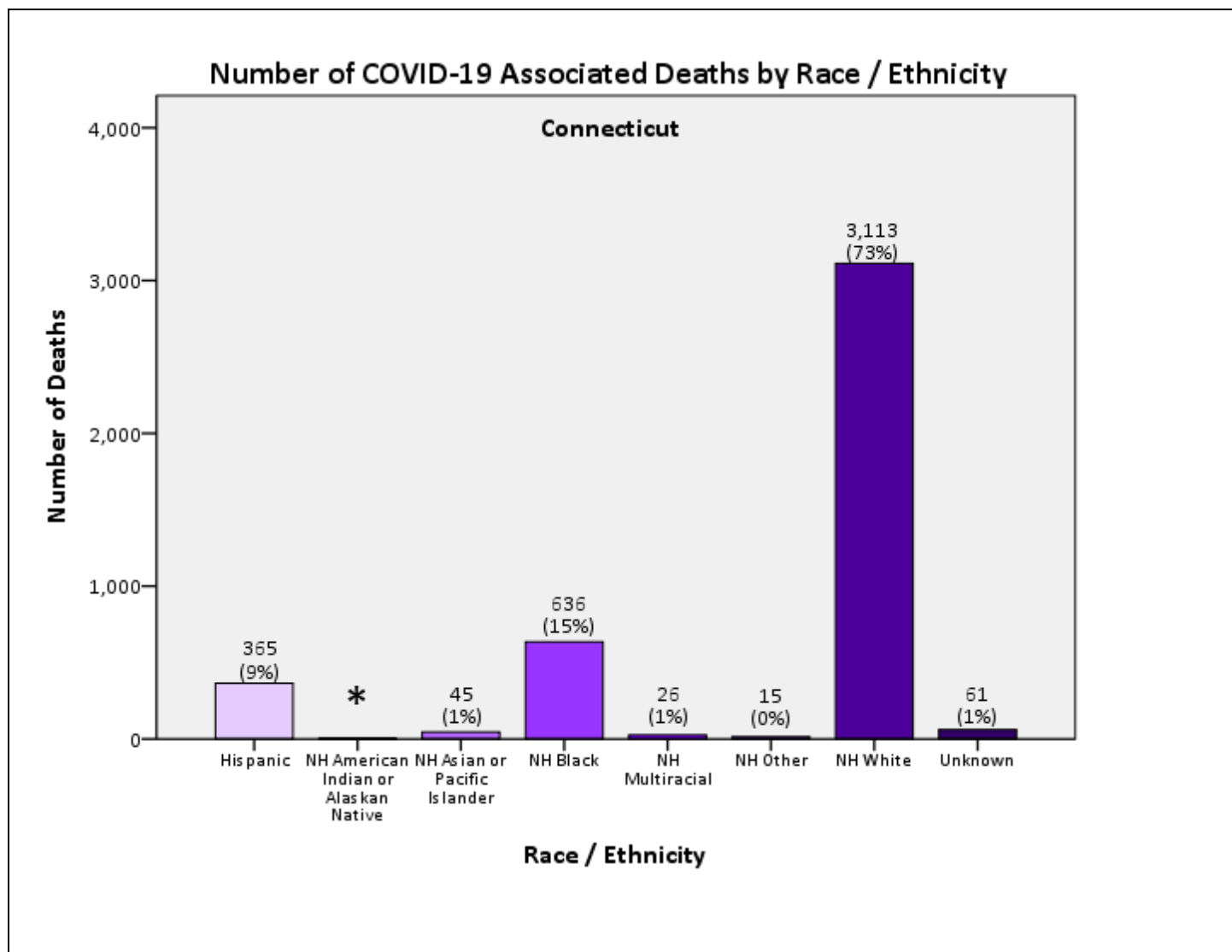


2. Number of COVID-19-associated deaths by race and ethnicity

This chart shows the number and percentage of COVID-19-associated deaths by race/ethnicity in Connecticut. Of the 4,263 COVID-19-associated deaths, data on race/ethnicity are missing for 61 (1%).

COVID-19-associated deaths include persons who tested positive for COVID-19 around the time of death and persons who were not tested for COVID-19 whose death certificate lists COVID-19 disease as a cause of death or a significant condition contributing to death. This report includes information on deaths reported to the Office of the Chief Medical Examiner and CT DPH.

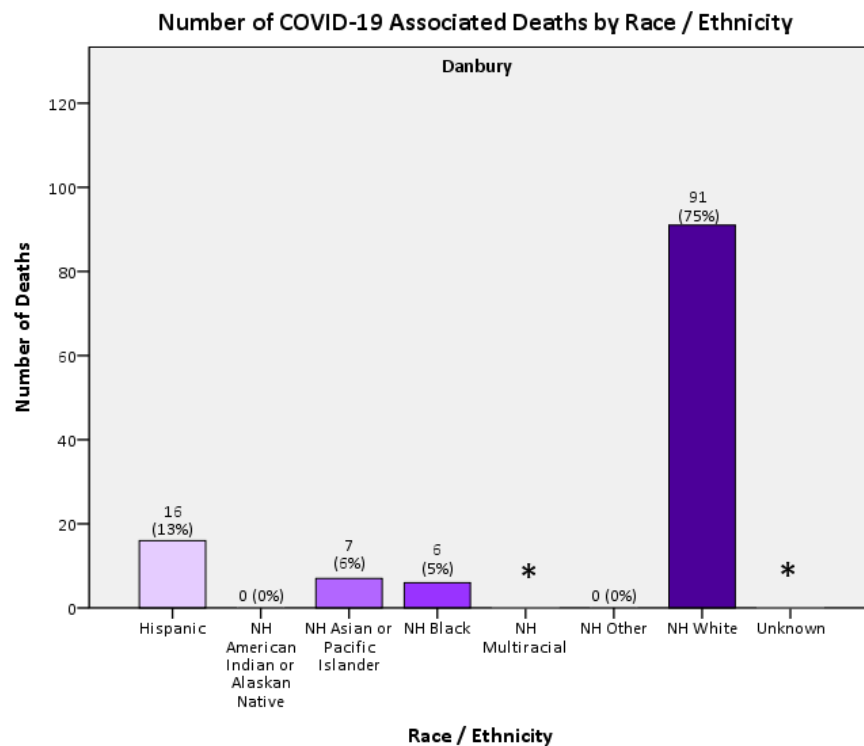
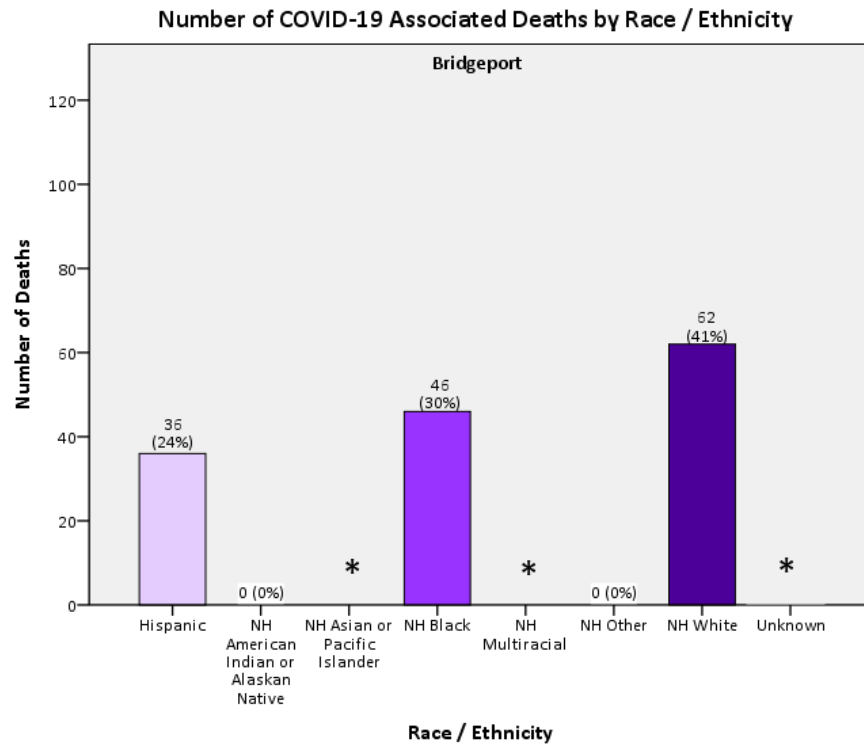
The charts on the following pages show the number and percentages of COVID-19-associated deaths by race/ethnicity for the 10 largest Connecticut towns. In these charts, data in categories with less than five deaths are suppressed to protect the privacy of individuals.

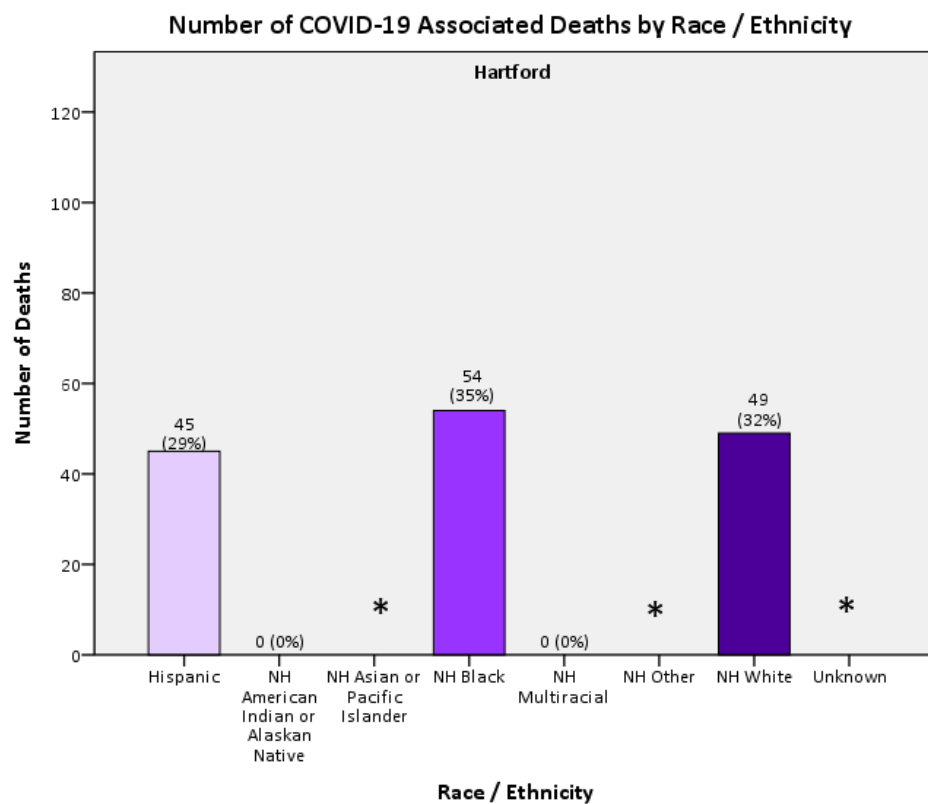
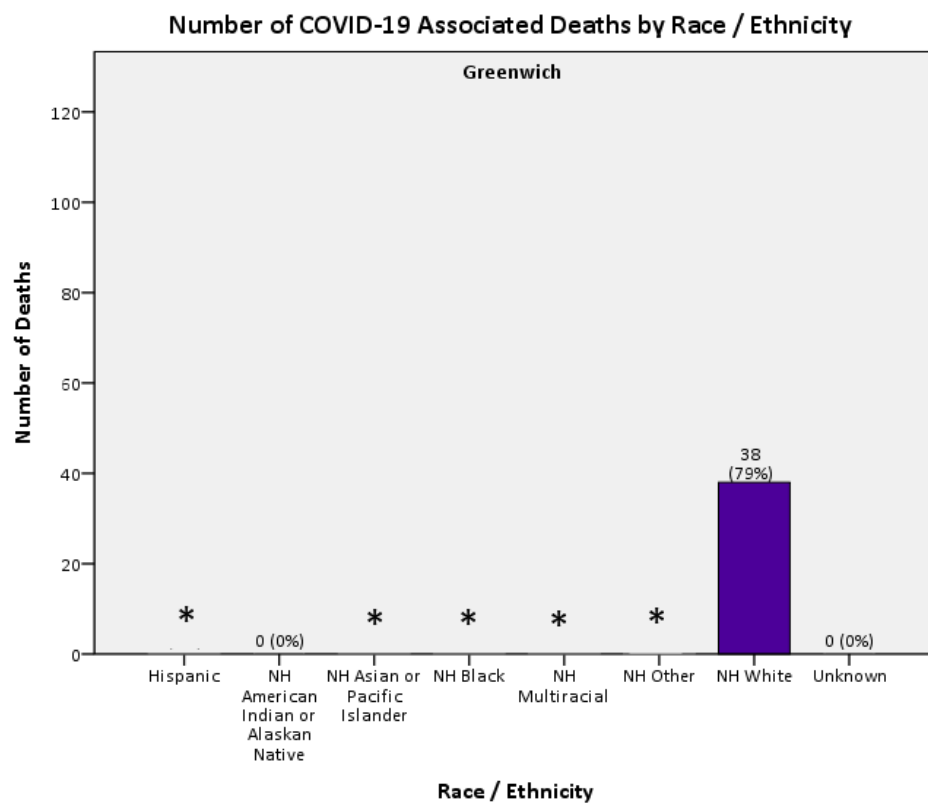


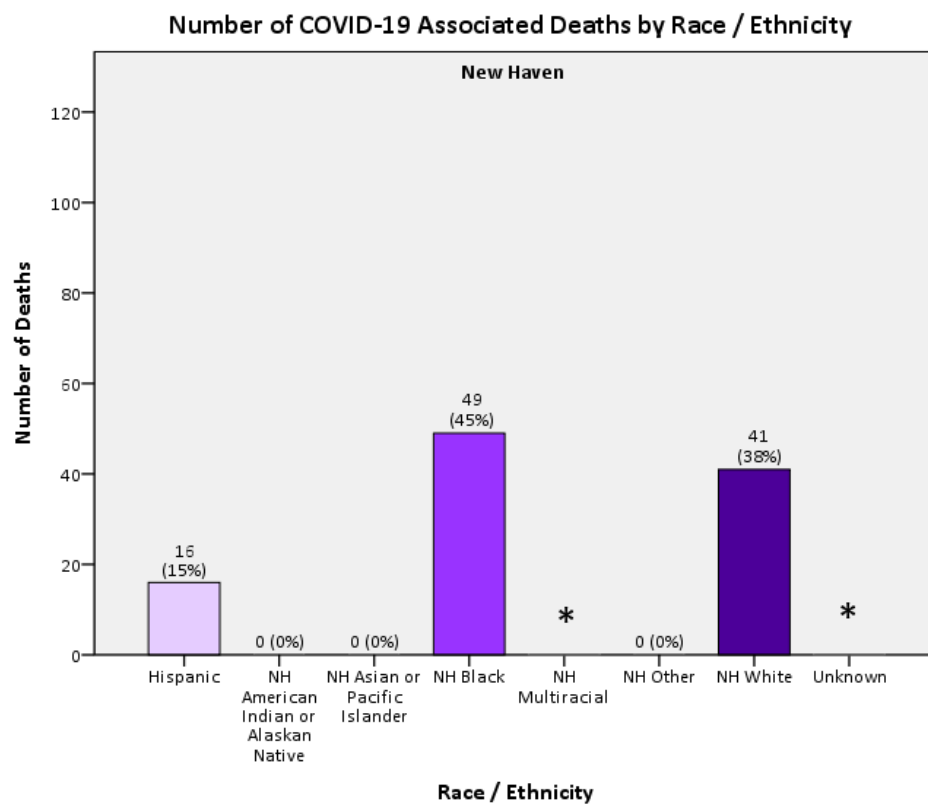
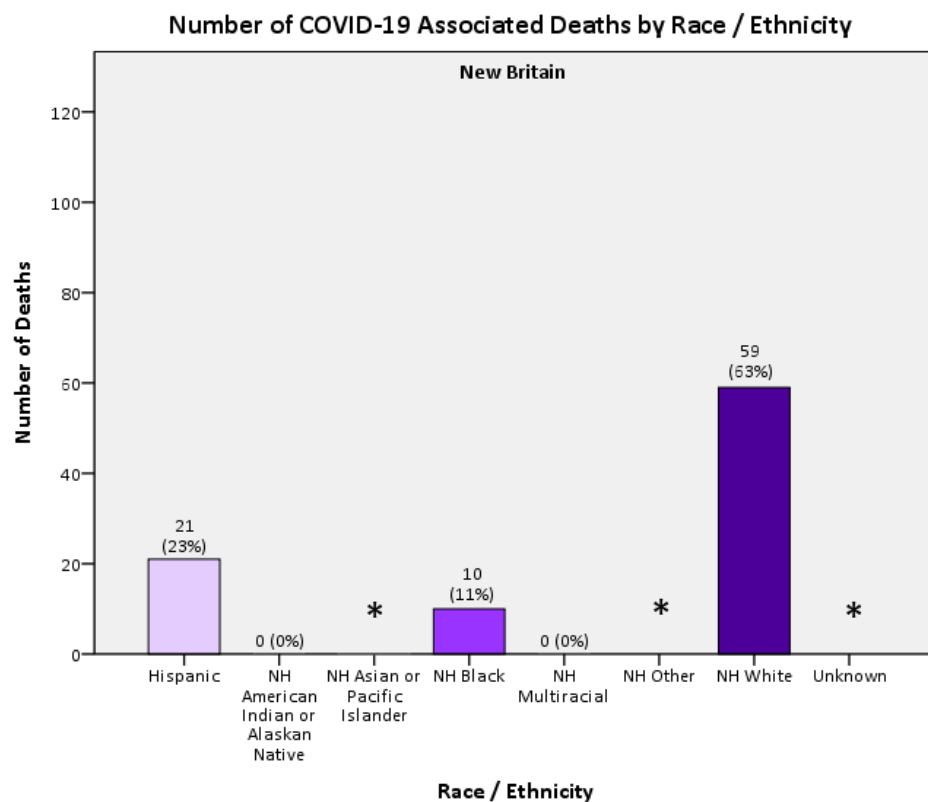
Abbreviation: *NH = Non-Hispanic*

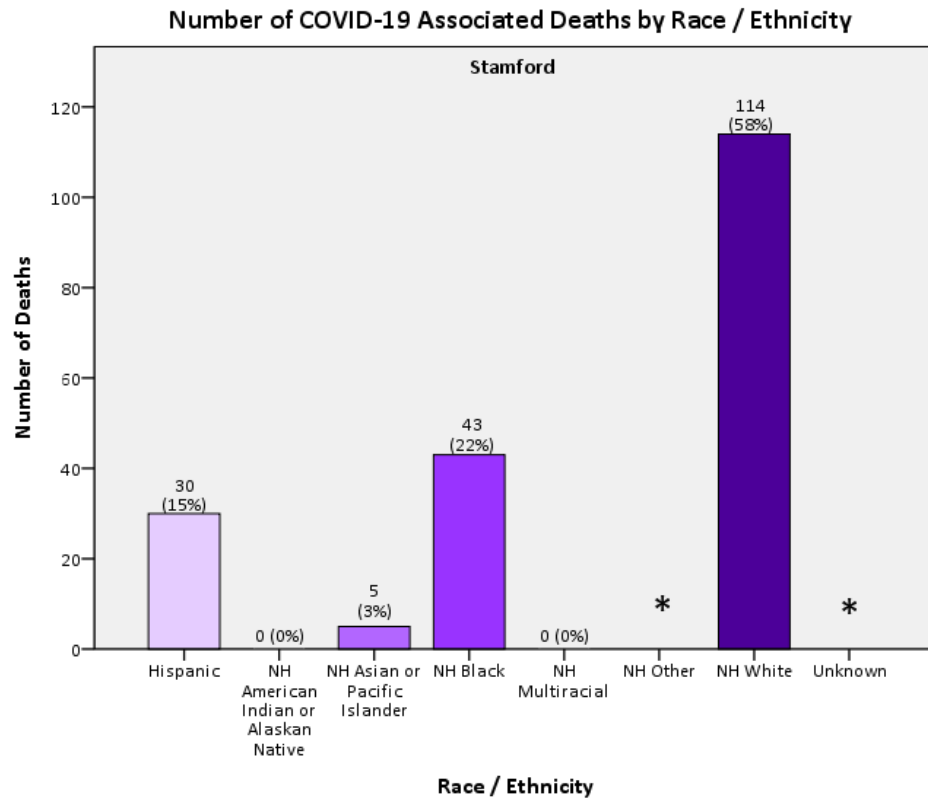
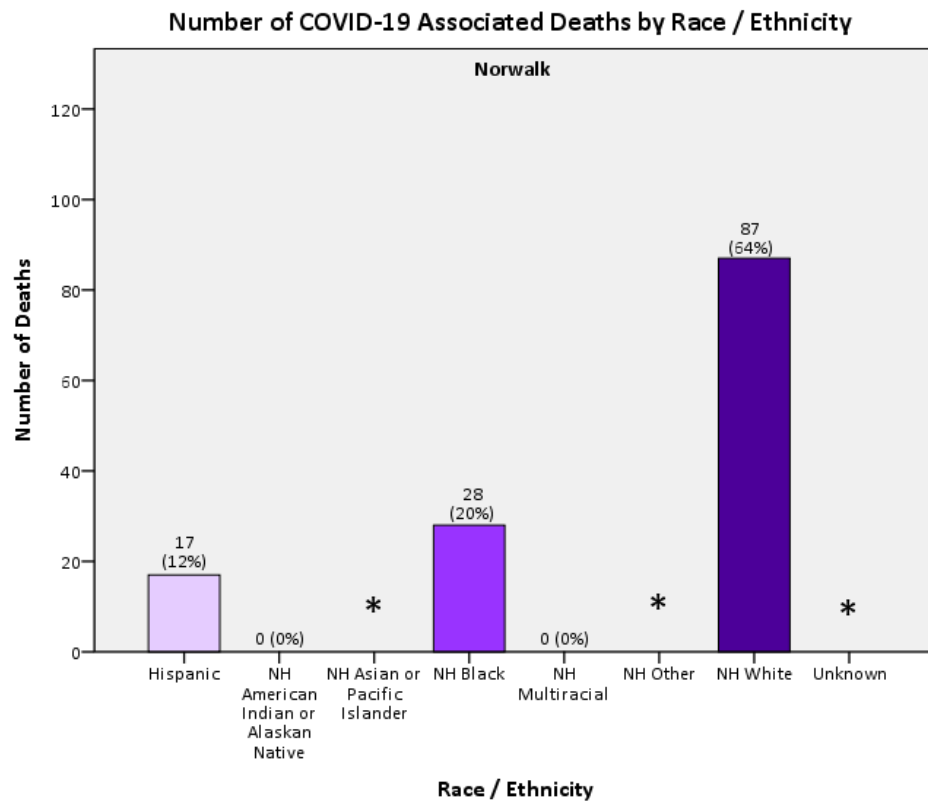
Number and percentage of COVID-19-associated deaths by race and ethnicity for the 10 largest Connecticut towns

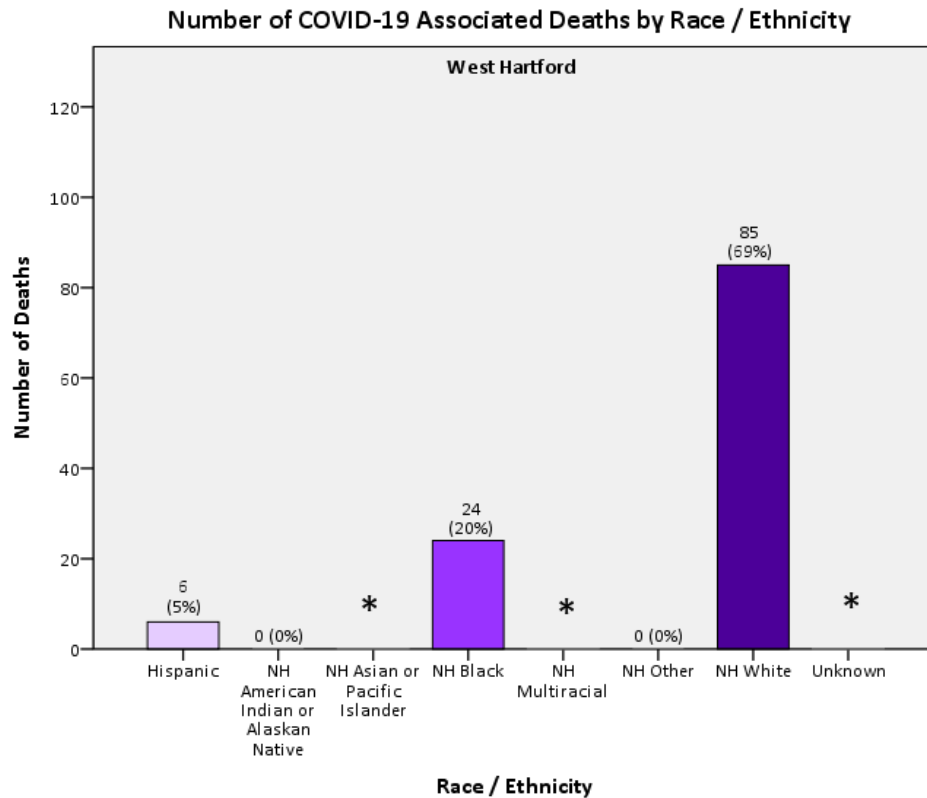
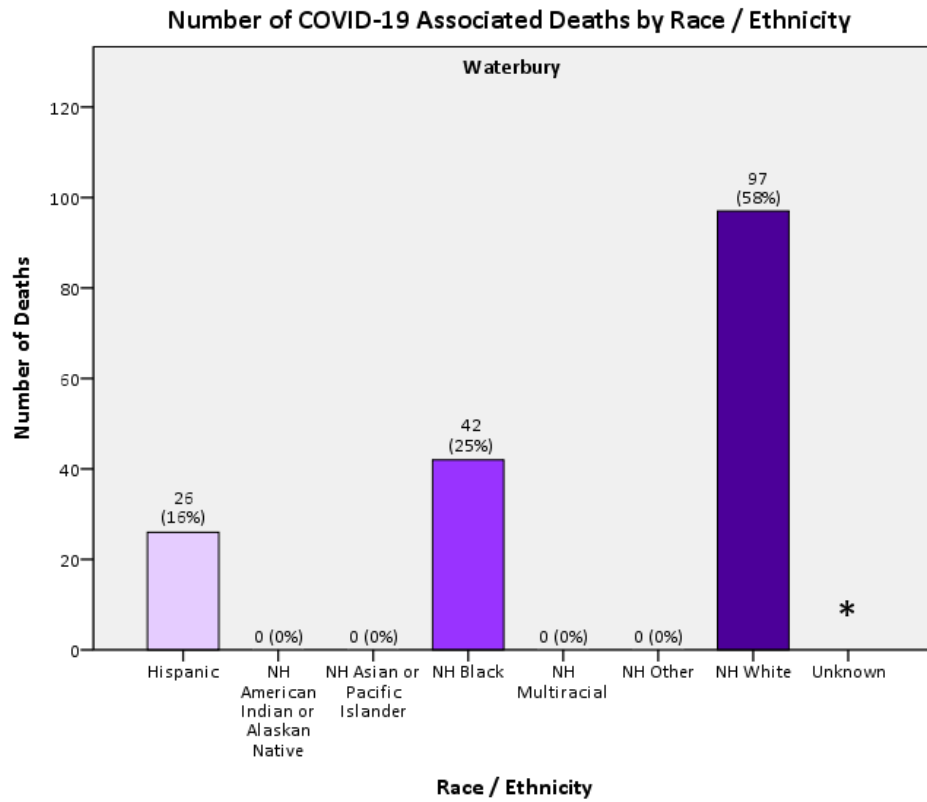
Abbreviation: *NH* = *Non-Hispanic*







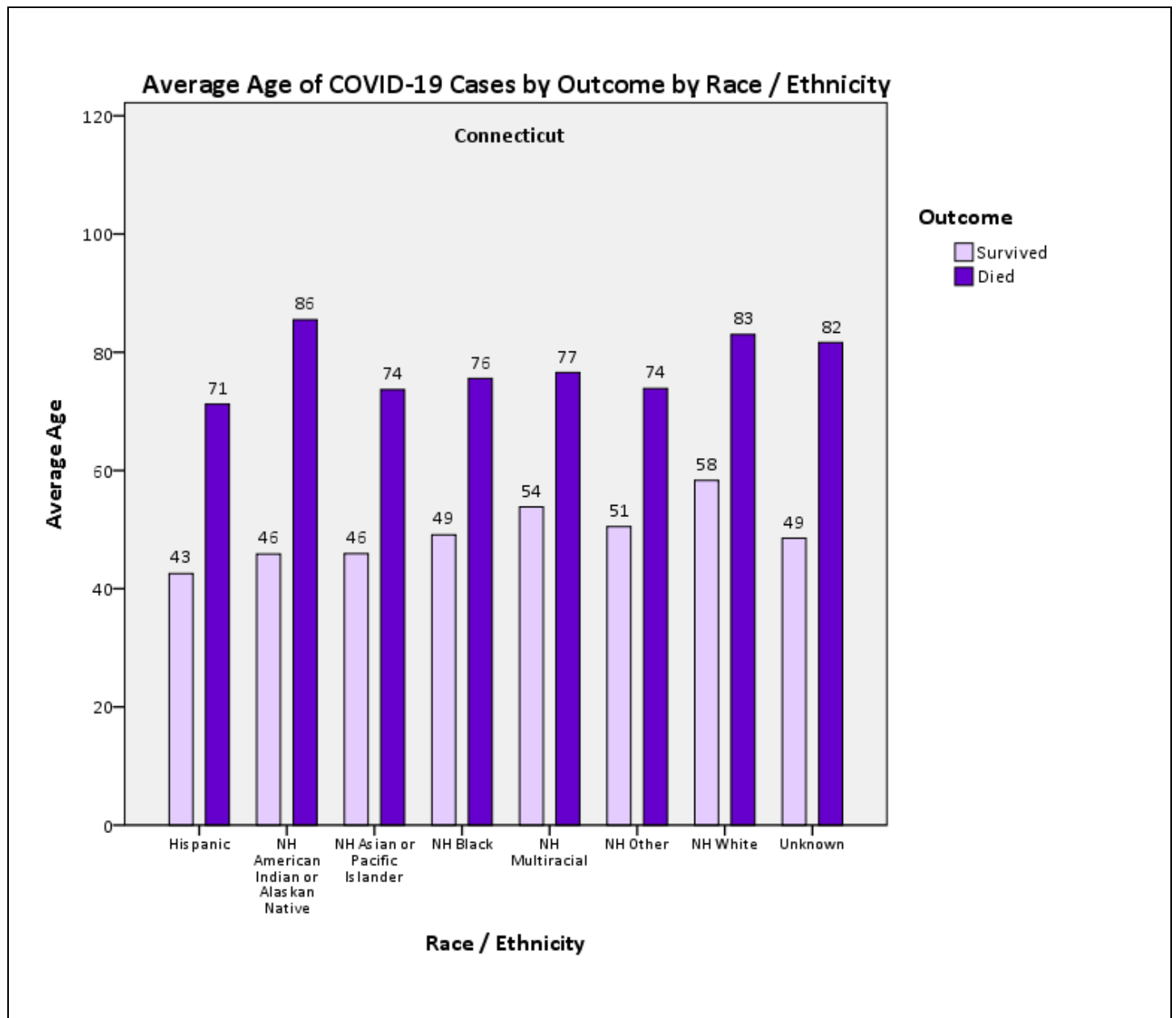




3. Average age of COVID-19 cases and COVID-19-associated deaths by race and ethnicity

The chart below shows the average (mean) age among COVID-19 cases and COVID-19-associated deaths by race/ethnicity. The average age among people who died was 23-40 years older than the average age among all COVID-19 cases across racial/ethnic groups.

Charts on the following pages show the average age among COVID-19 cases and COVID-19-associated deaths by race/ethnicity for Connecticut's 10 largest towns. Average age data were suppressed for categories with only 1 case to protect the privacy of individuals.

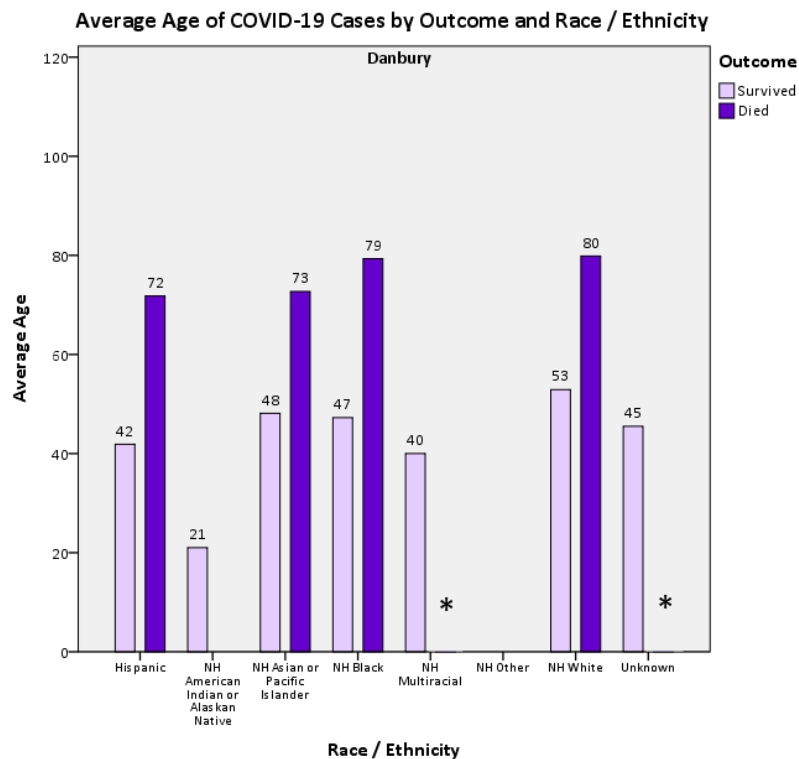
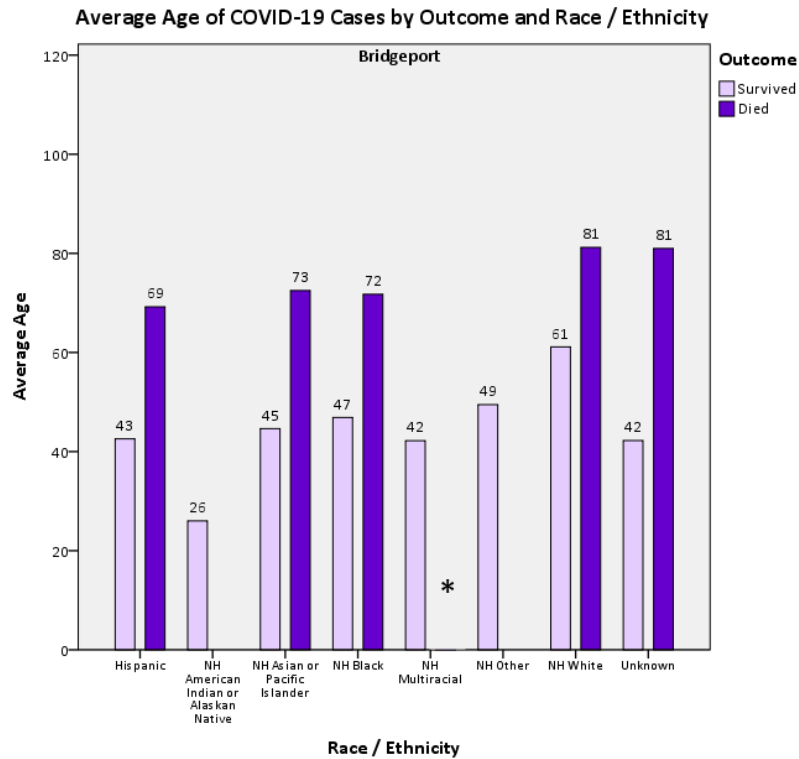


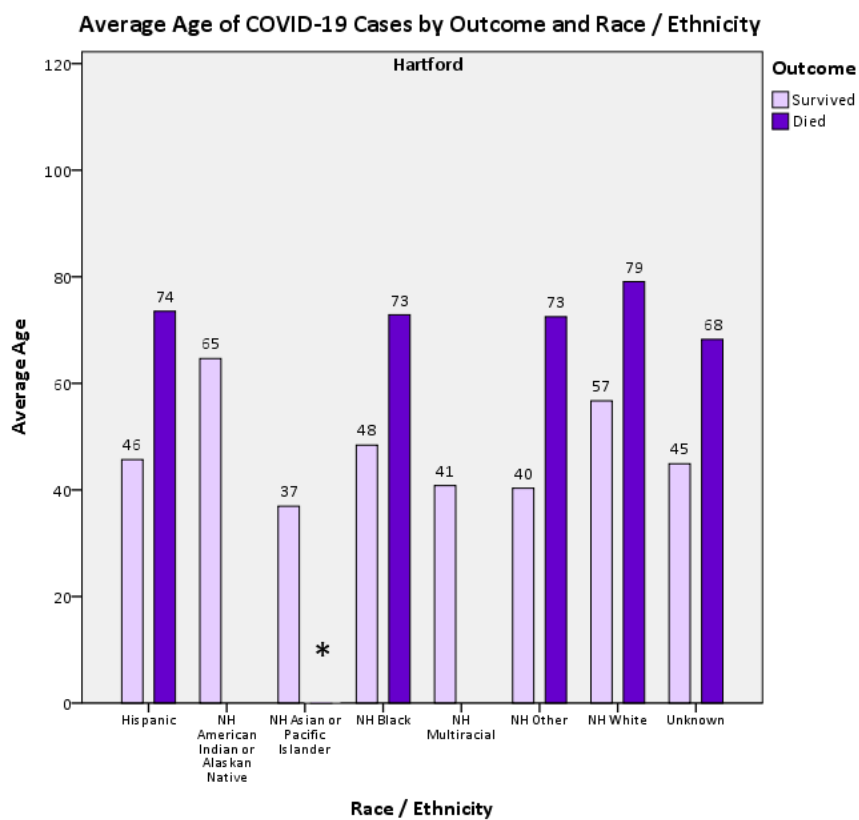
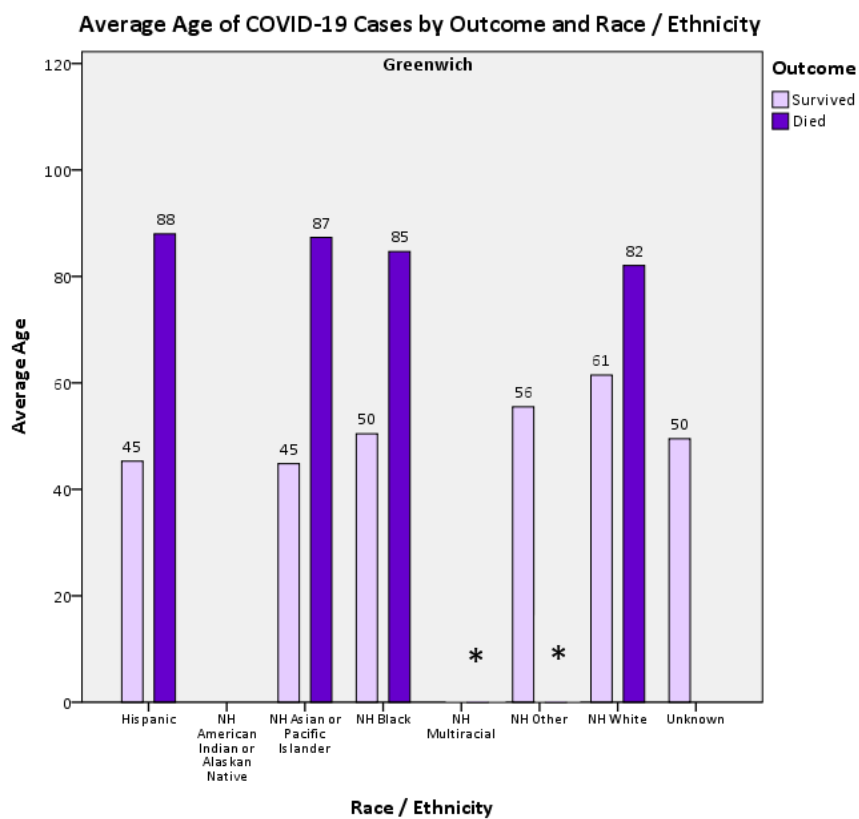
Abbreviation: *NH* = *Non-Hispanic*

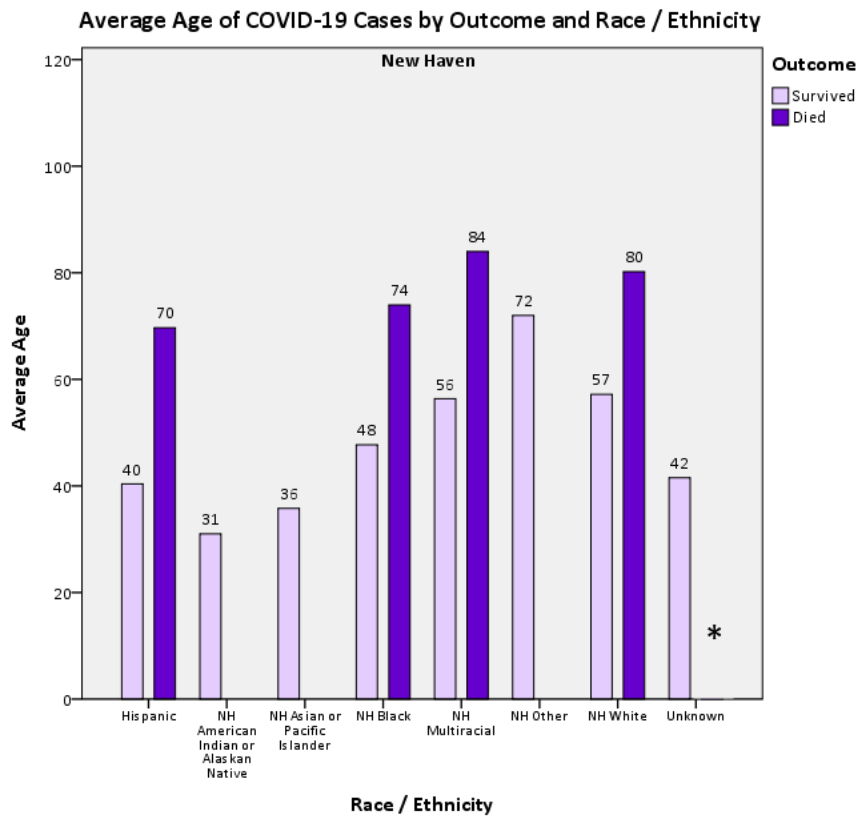
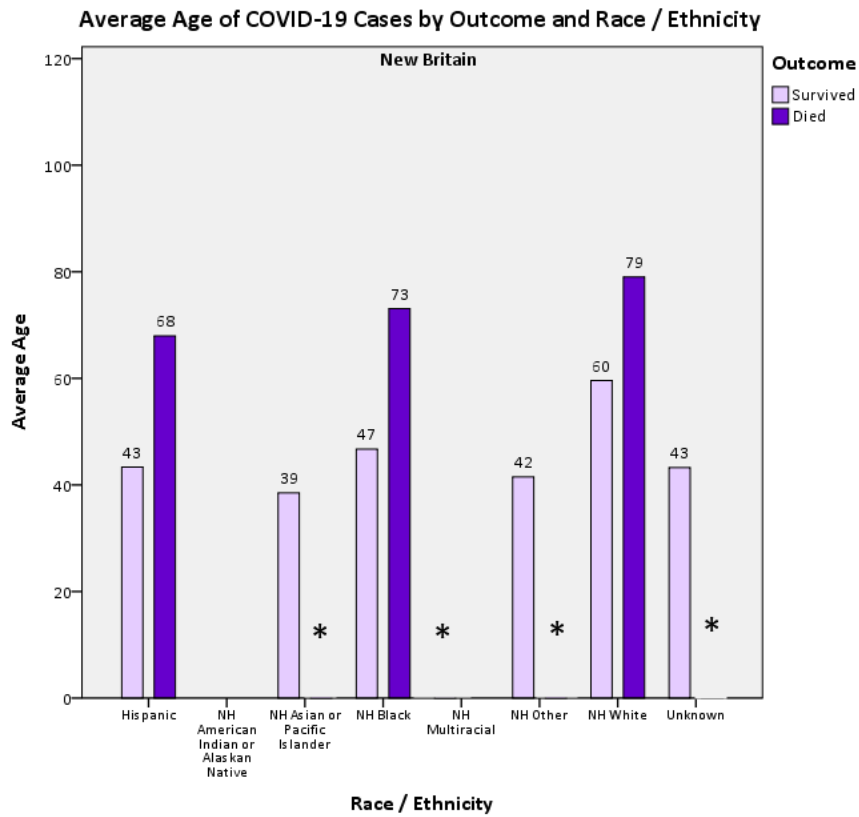
Average age of COVID-19-associated deaths by race and ethnicity for the 10 largest Connecticut towns

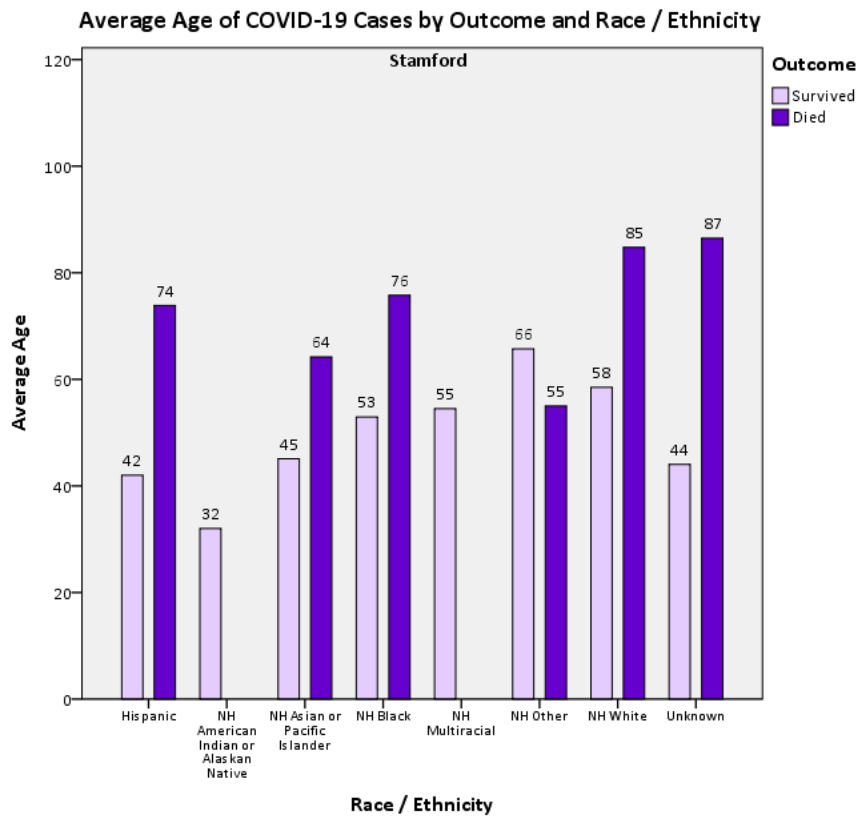
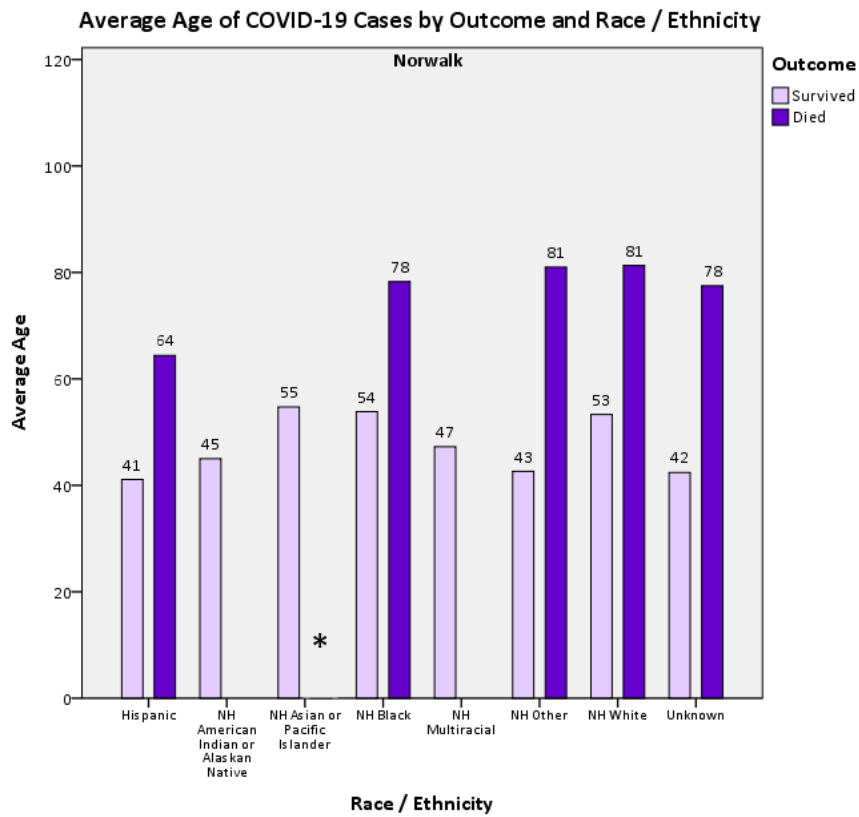
Average age suppressed if only 1 case per category.

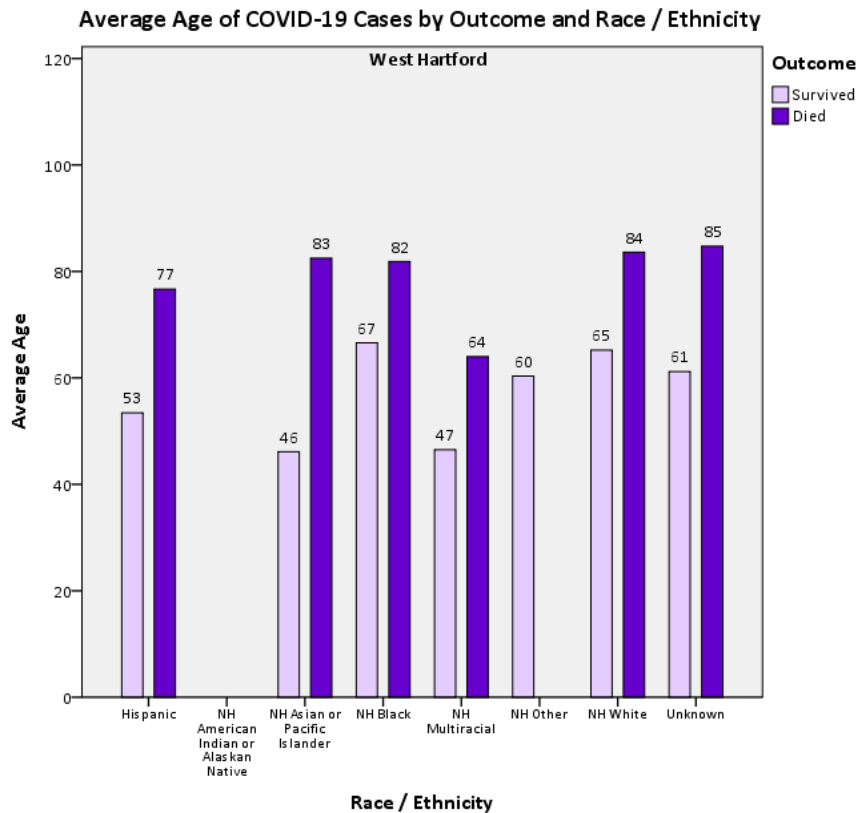
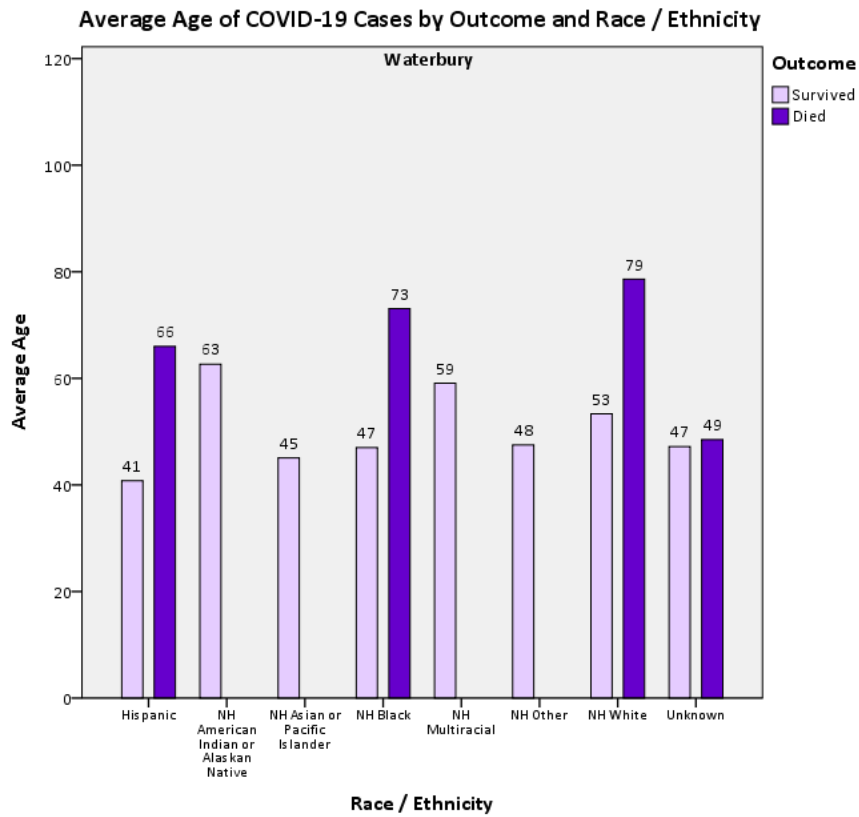
Abbreviation: NH = Non-Hispanic









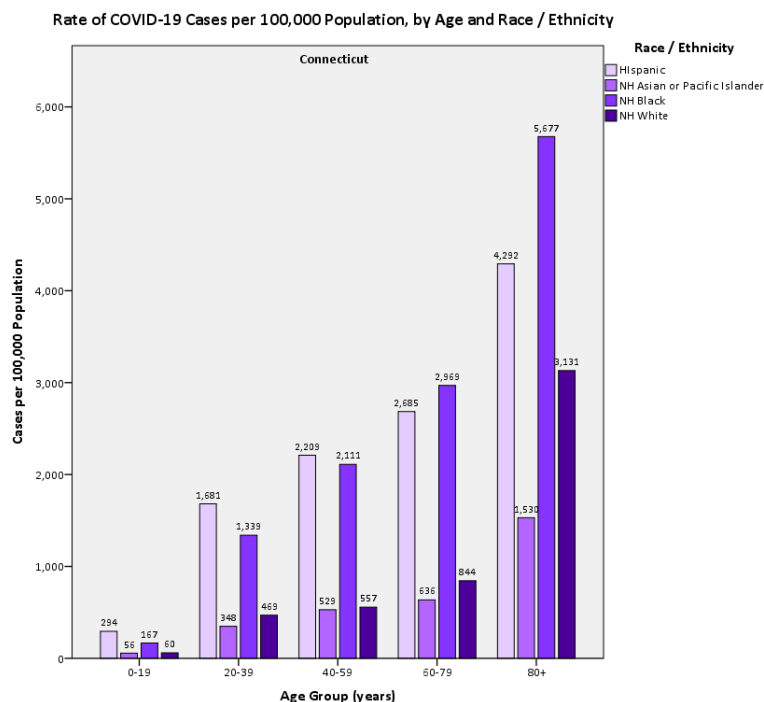
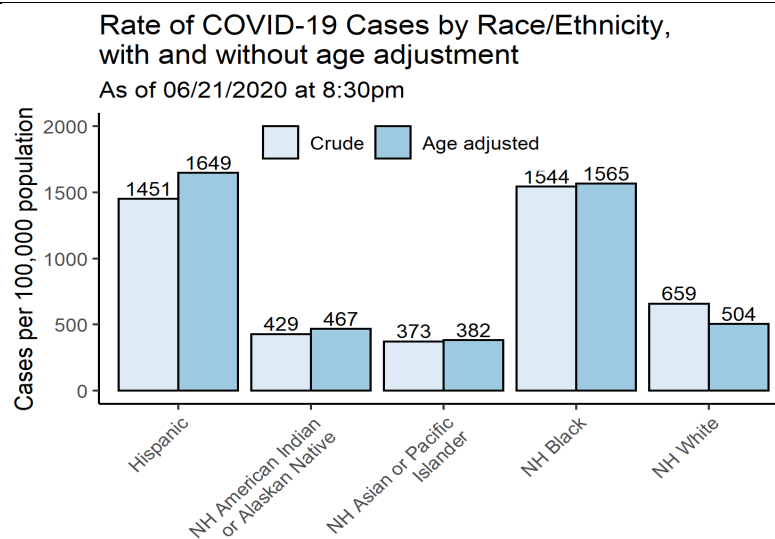


4. Crude and age-adjusted rates of COVID-19 cases per 100,000 population by race and ethnicity for Connecticut

The following charts shows the number of COVID-19 cases per 100,000 population by race and ethnicity with and without age adjustment (first chart), and age group-specific rates by race/ethnicity (second chart). Unadjusted, or crude rates, represent the total cases or deaths per 100,000 people. Age-adjusted rates consider the age of the person at diagnosis 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 among the non-Hispanic white population is 47 years, whereas it is 34 years among non-Hispanic blacks, and 29 years among Hispanics.

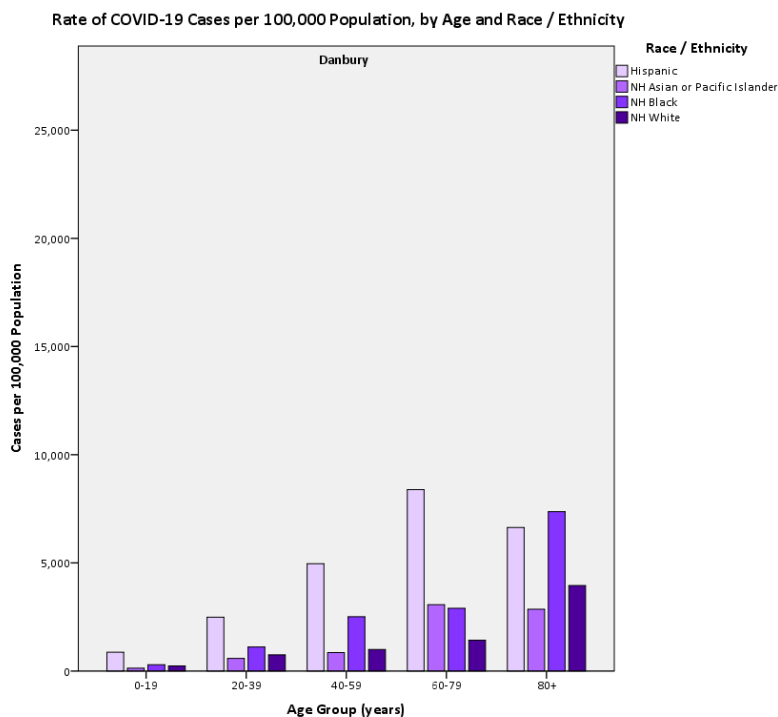
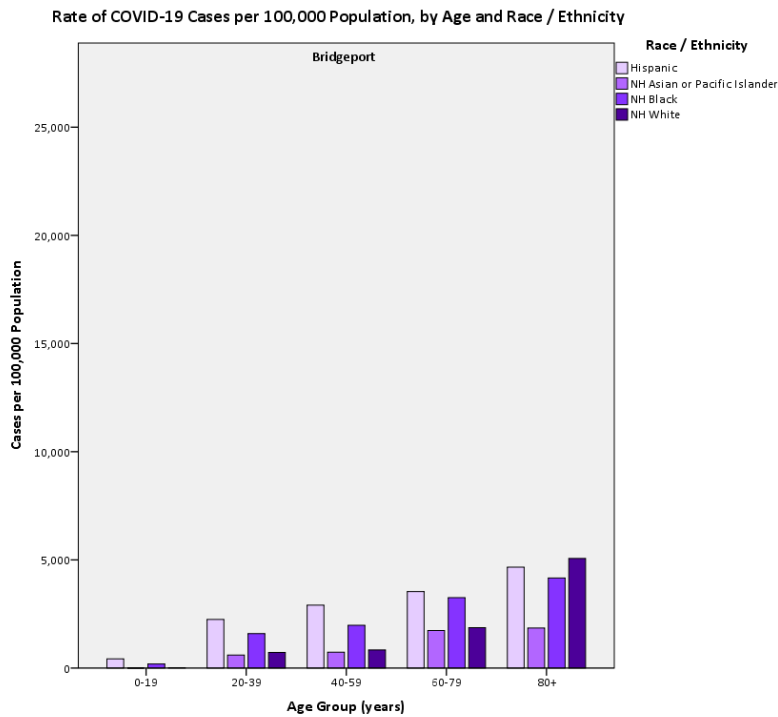
Caution is needed in interpreting rates of COVID-19 cases because 31% of cases were missing data on race/ethnicity and the number of COVID-19 cases in some age groups was small. The 2018 Connecticut population and 2000 US standard million population were used for age adjustment; population estimates from: [DPH Population Statistics](#).

Abbreviation: *NH* = *Non-Hispanic*

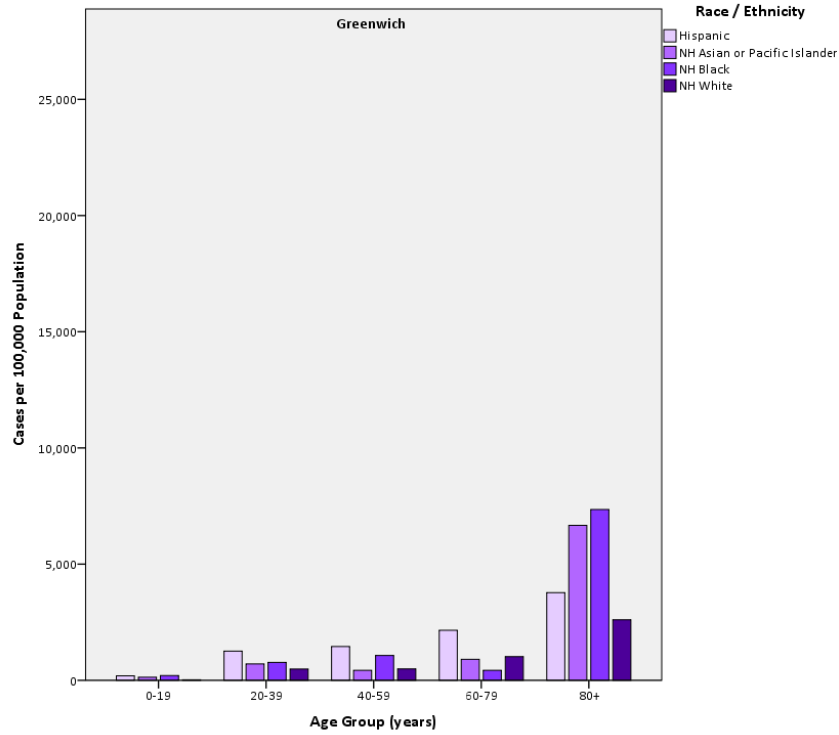


Age-group specific rates of COVID-19 cases per 100,000 population by race and ethnicity for the 10 largest Connecticut towns

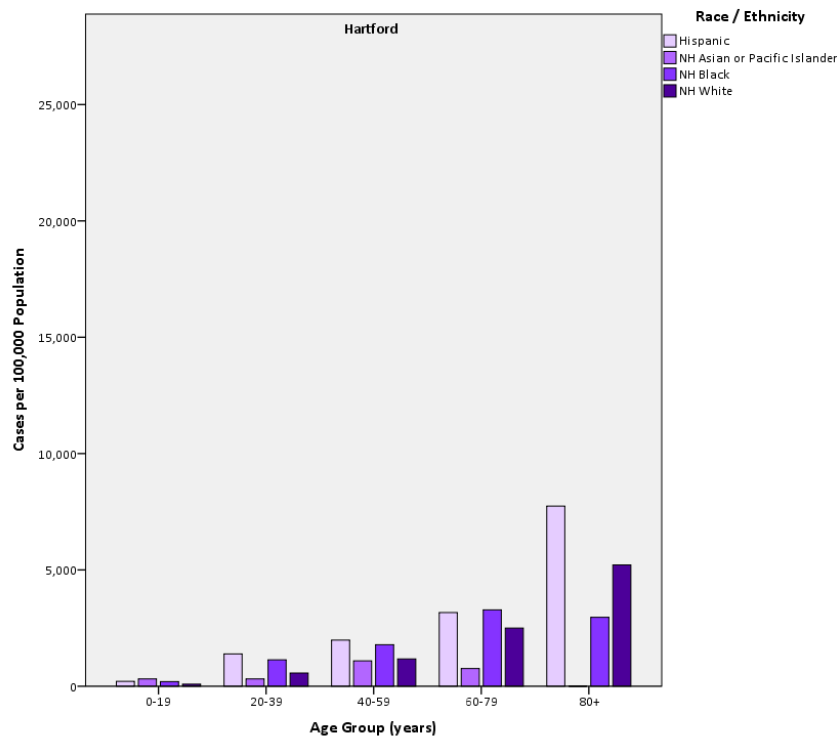
The charts on the following pages show the age group-specific rates of COVID-19 cases by race/ethnicity in the 10 largest Connecticut towns. *Caution is needed in interpreting rates because 31% of COVID-19 cases were missing data on race/ethnicity and the number of COVID-19 cases in some age groups was small.*



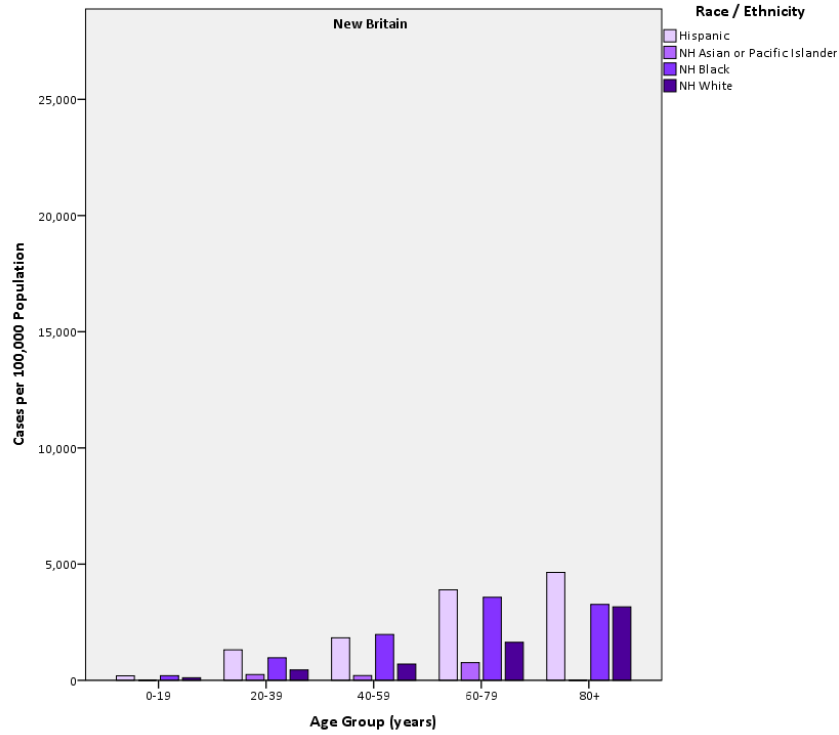
Rate of COVID-19 Cases per 100,000 Population, by Age and Race / Ethnicity



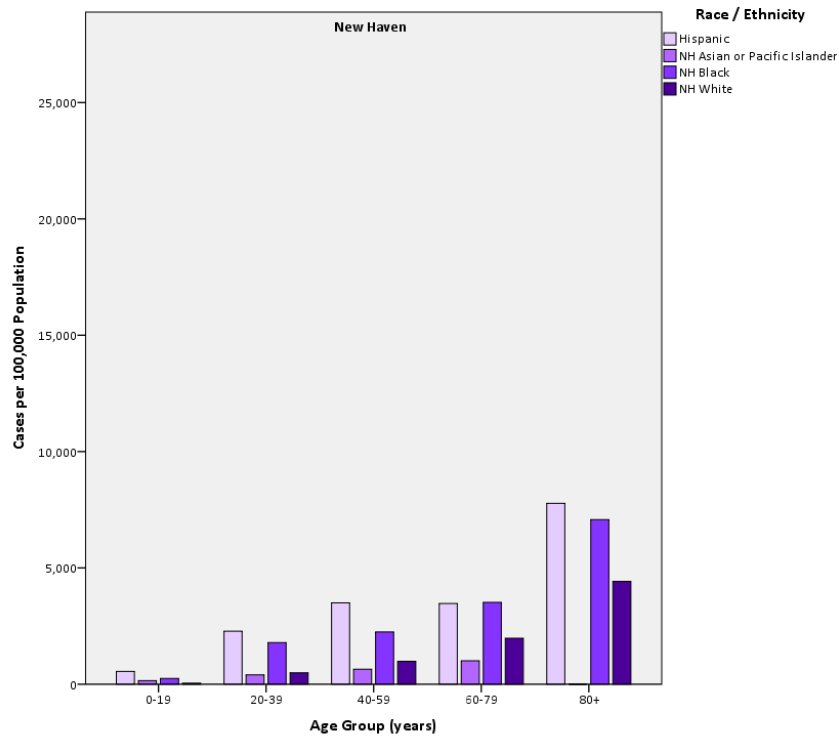
Rate of COVID-19 Cases per 100,000 Population, by Age and Race / Ethnicity



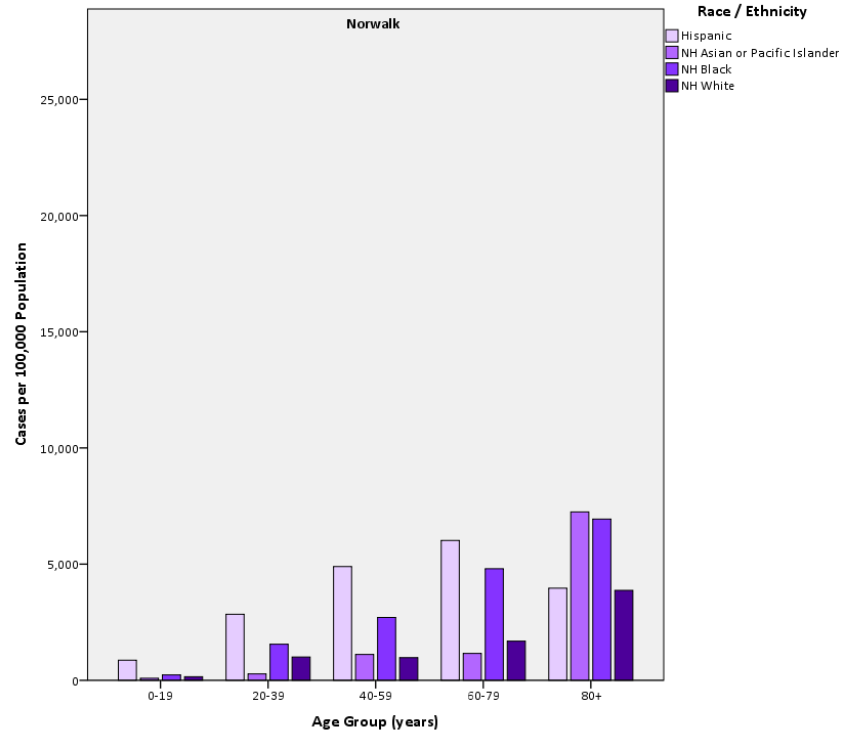
Rate of COVID-19 Cases per 100,000 Population, by Age and Race / Ethnicity



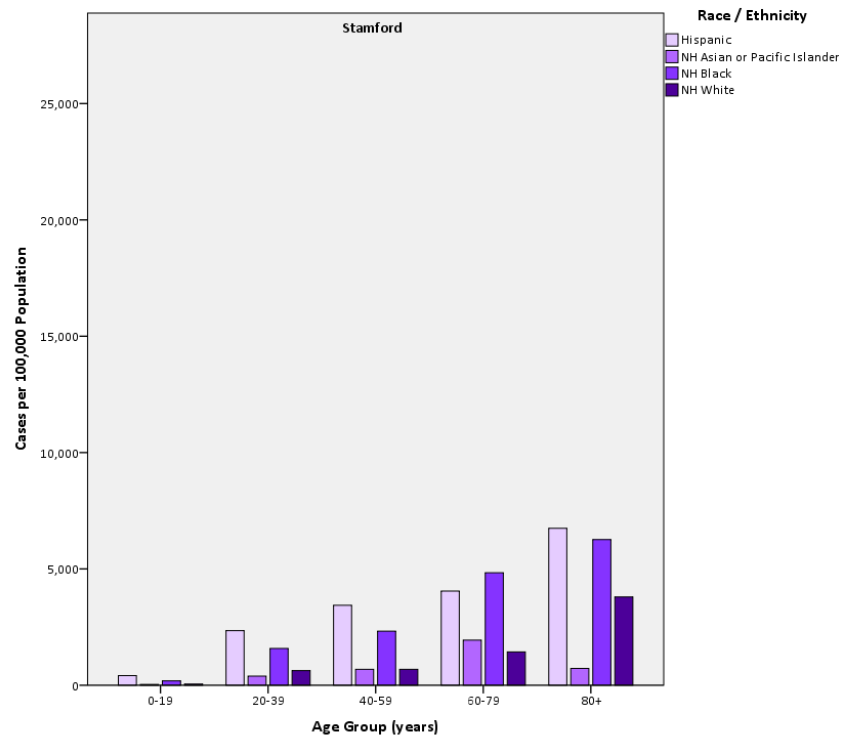
Rate of COVID-19 Cases per 100,000 Population, by Age and Race / Ethnicity



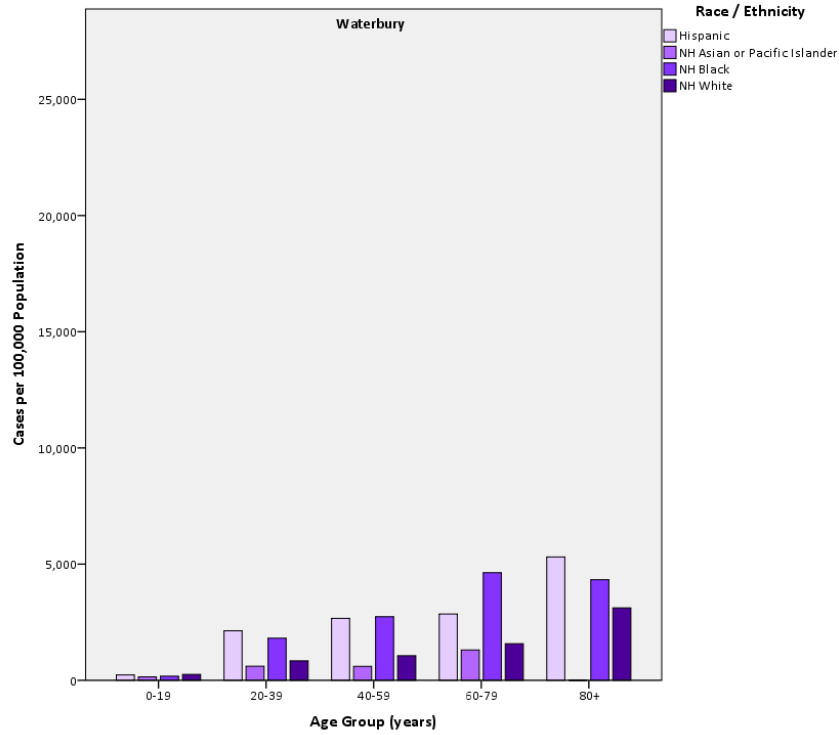
Rate of COVID-19 Cases per 100,000 Population, by Age and Race / Ethnicity



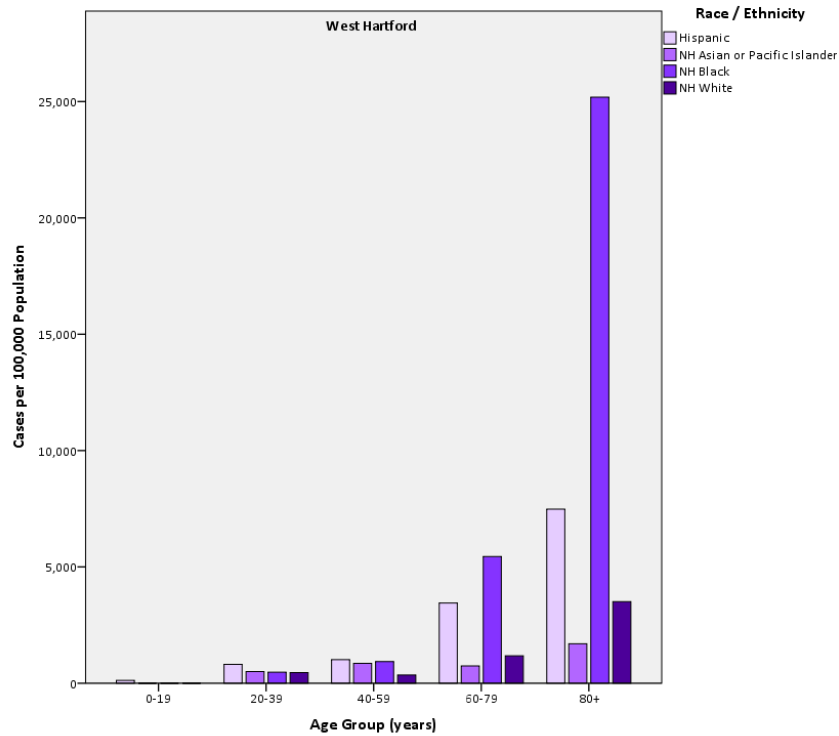
Rate of COVID-19 Cases per 100,000 Population, by Age and Race / Ethnicity



Rate of COVID-19 Cases per 100,000 Population, by Age and Race / Ethnicity



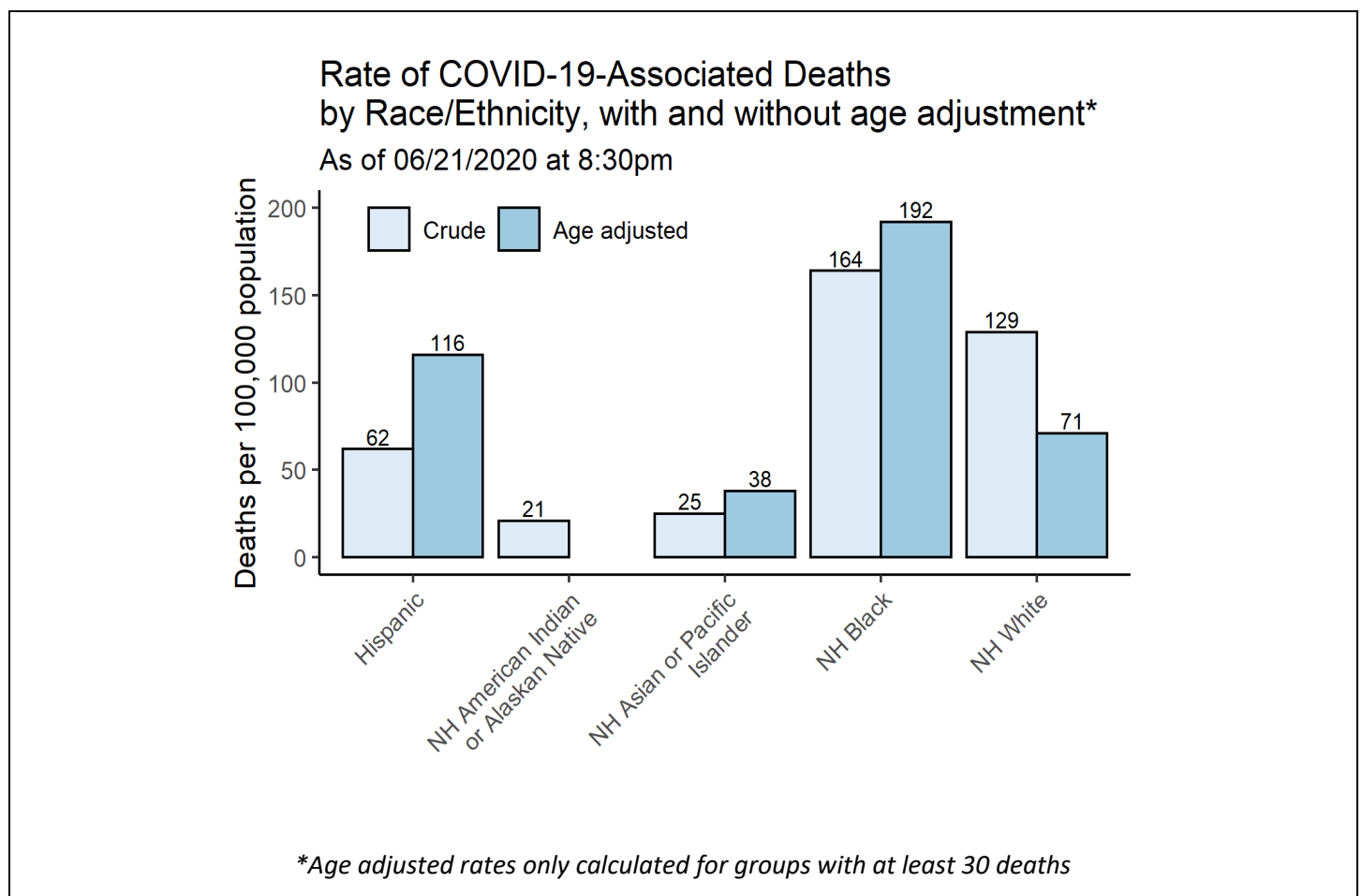
Rate of COVID-19 Cases per 100,000 Population, by Age and Race / Ethnicity



5. Crude and age-adjusted rates of COVID-19-associated deaths per 100,000 population by race and ethnicity for Connecticut

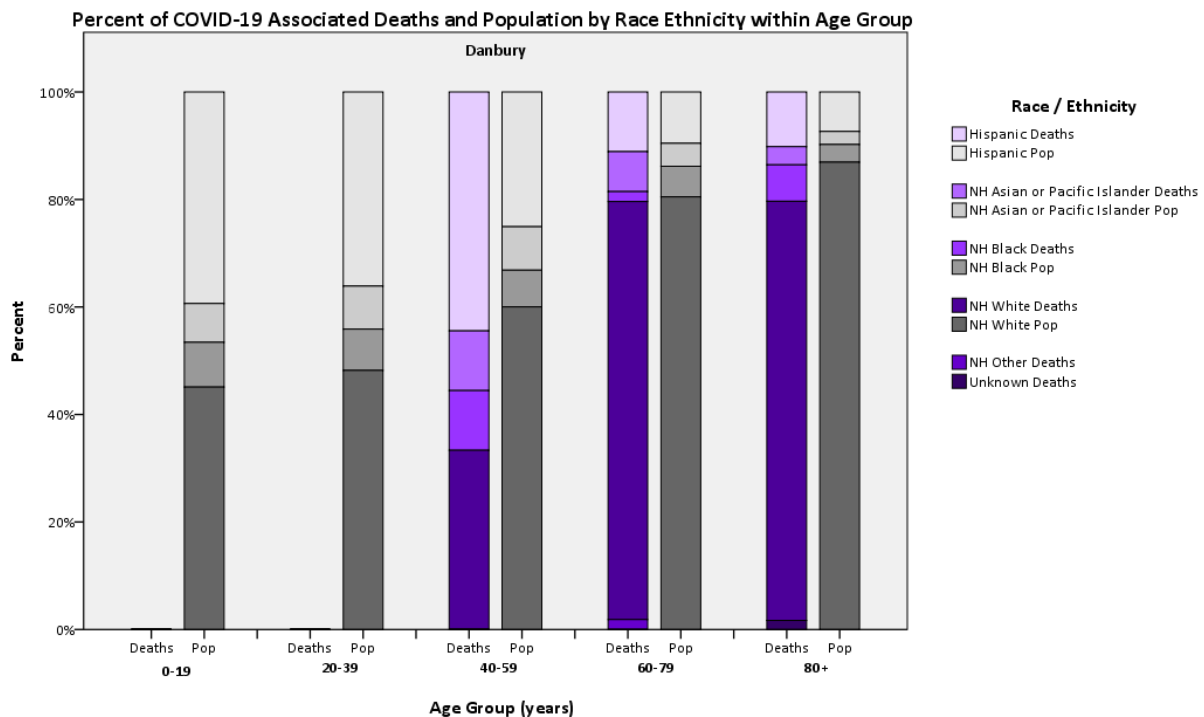
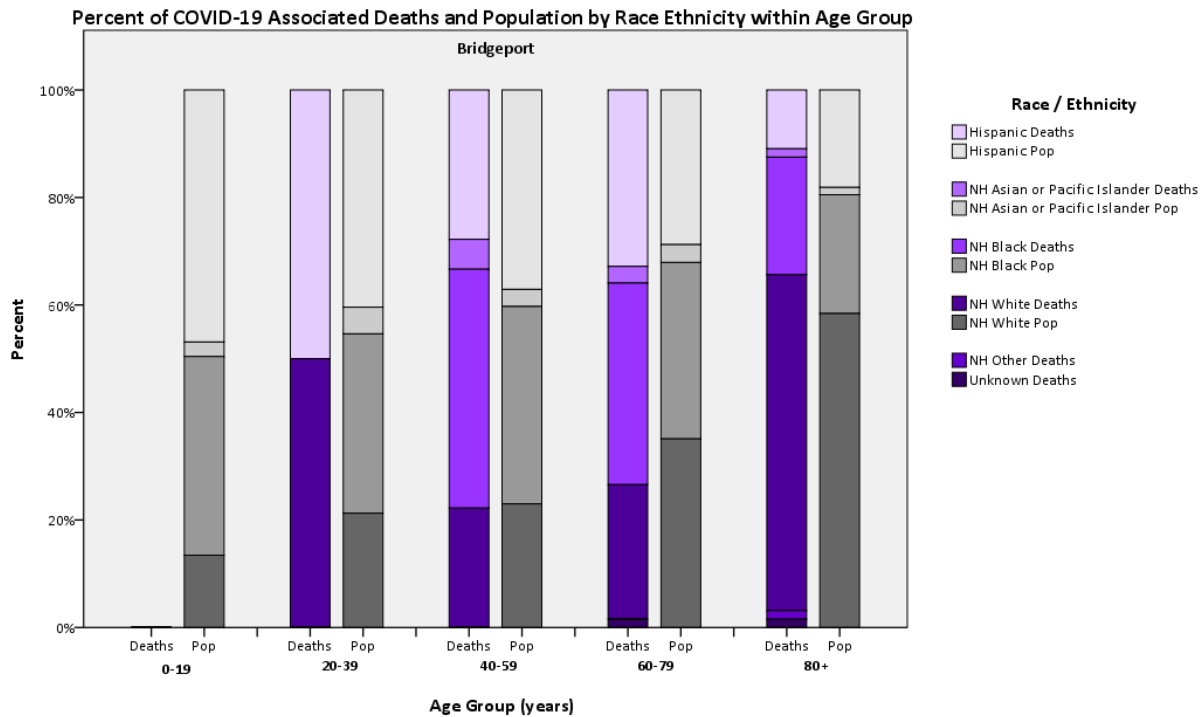
The following chart shows the number of COVID-19-associated deaths per 100,000 population by race and ethnicity with and without age-adjustment. Unadjusted rates represent the total deaths per 100,000 people. Age-adjusted rates consider the age of the person at death when estimating the rate and use 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.

Caution is needed in interpreting race/ethnicity-specific rates for towns because of the small number of deaths in some groups. Age-adjusted rates were not calculated for groups with fewer than 30 deaths. The 2018 Connecticut population and 2000 US standard million population 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

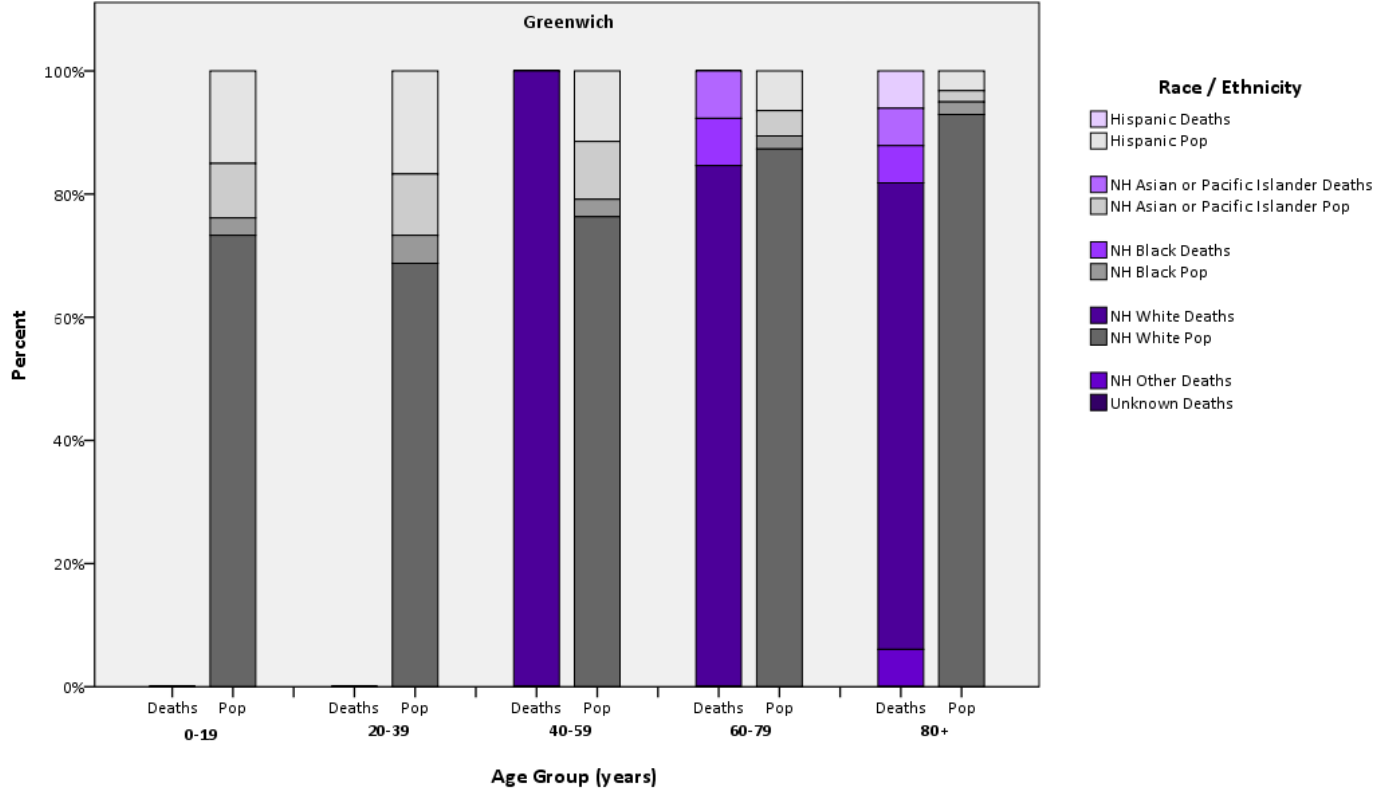


Age-group specific percentage of COVID-19 associated deaths and population by race and ethnicity for the 10 largest Connecticut towns

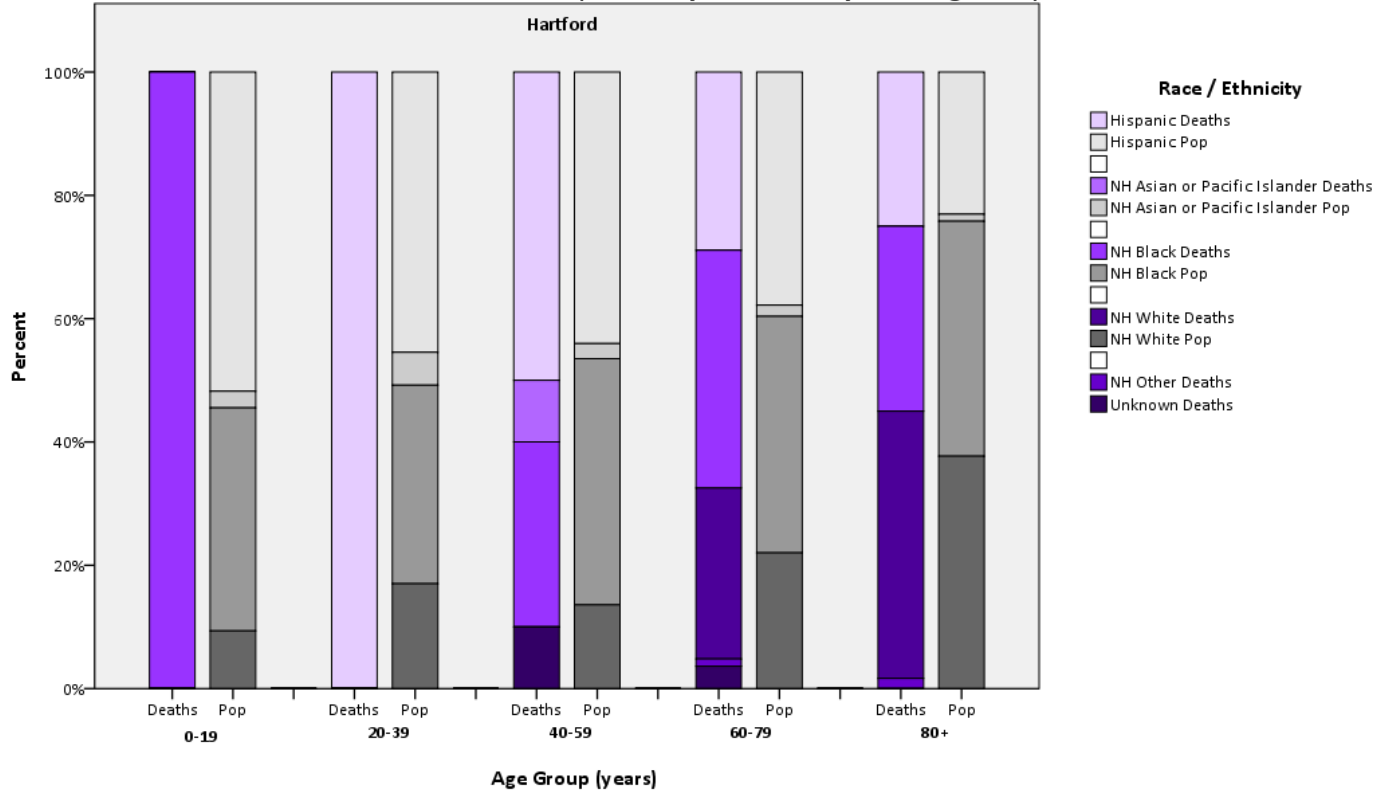
Due to small numbers which could yield unstable age-adjusted rates, the charts on the following pages show the *percentage* of COVID-19-associated deaths and percentage of population by race / ethnicity within each age group for the 10 largest Connecticut towns. Abbreviation: *NH* = *Non-Hispanic*



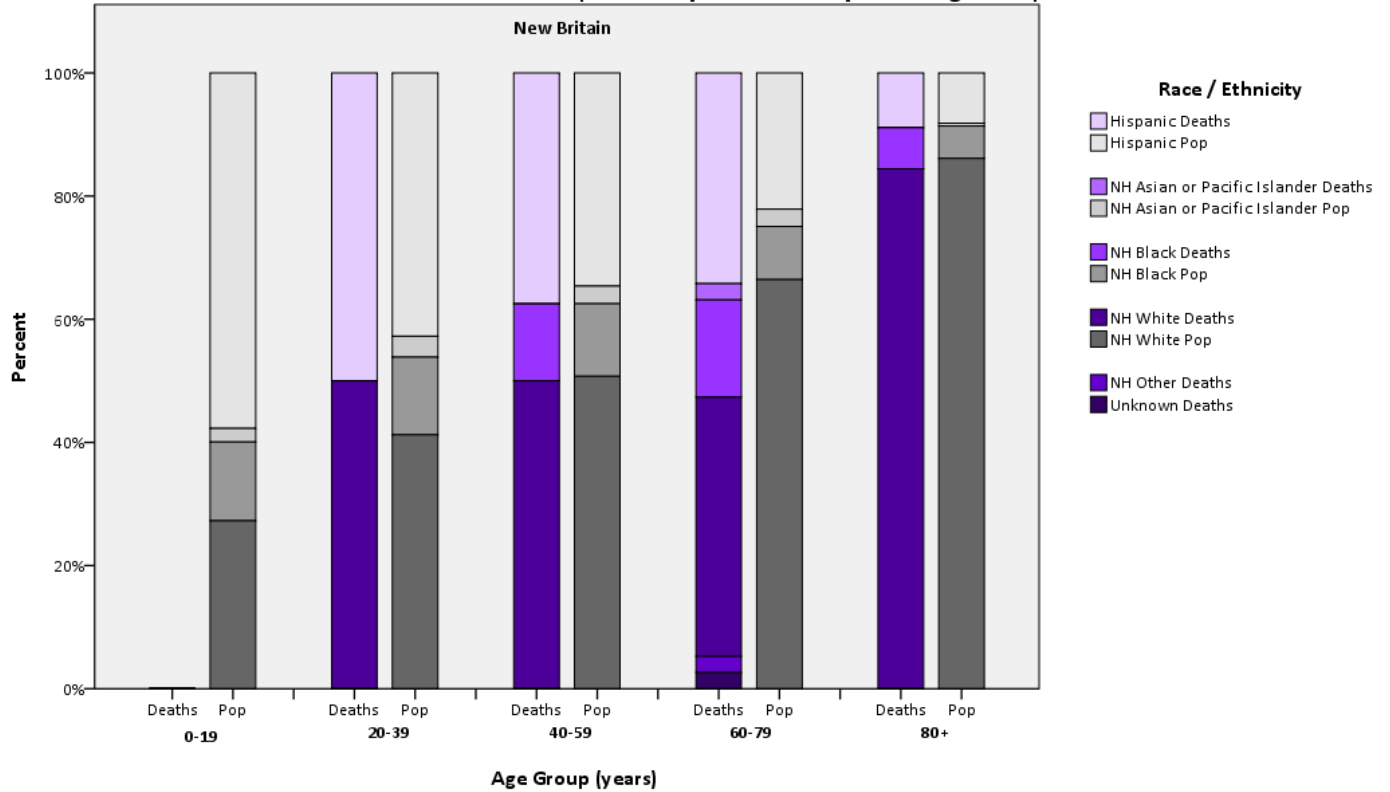
Percent of COVID-19 Associated Deaths and Population by Race Ethnicity within Age Group



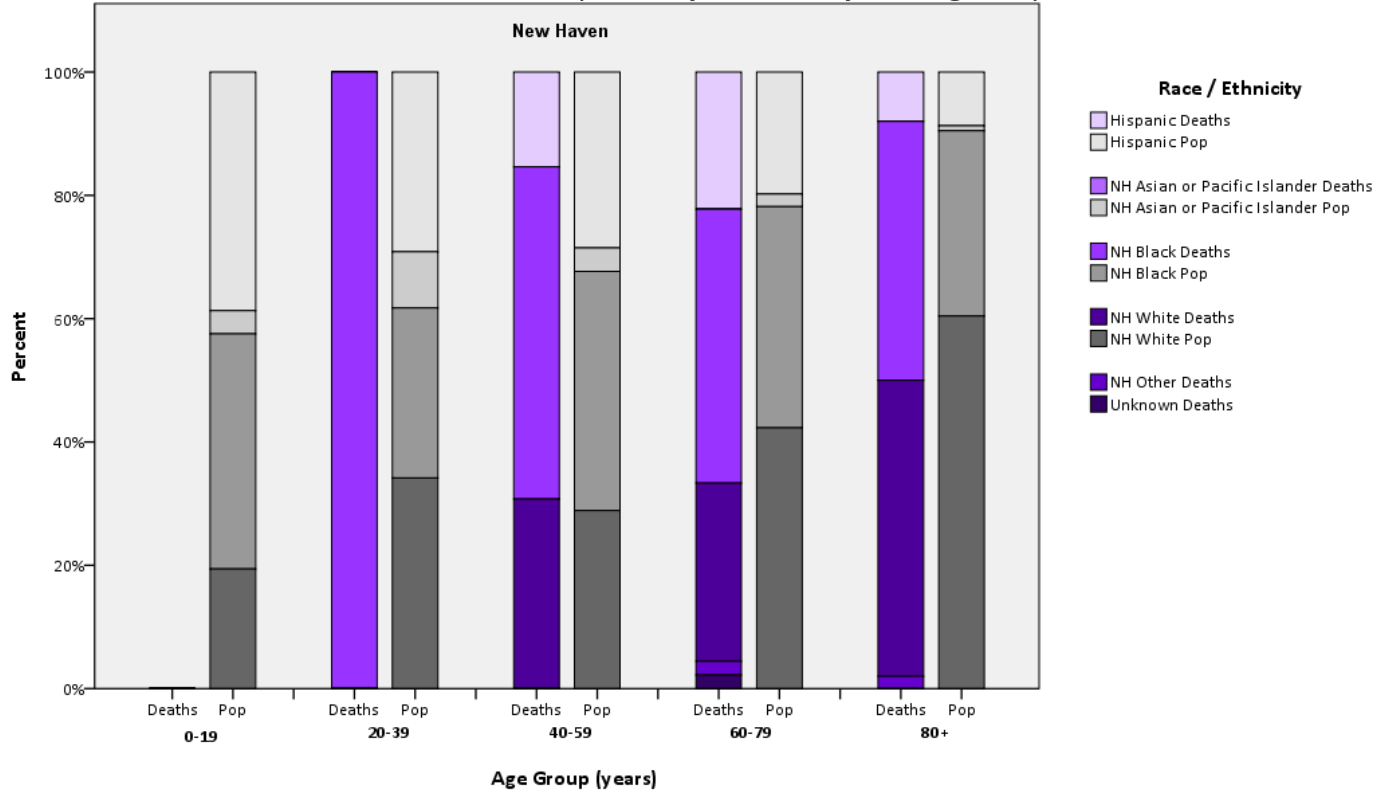
Percent of COVID-19 Associated Deaths and Population by Race Ethnicity within Age Group



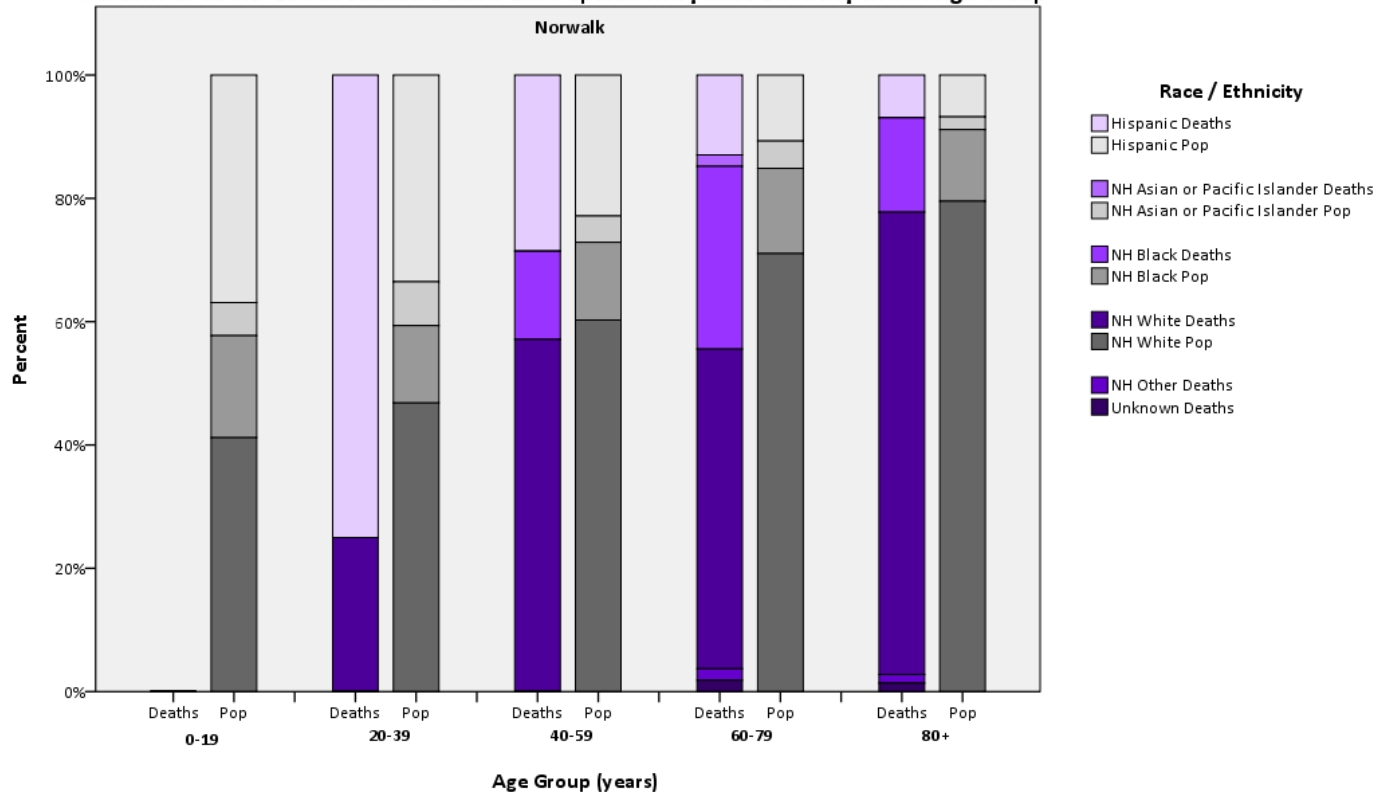
Percent of COVID-19 Associated Deaths and Population by Race Ethnicity within Age Group



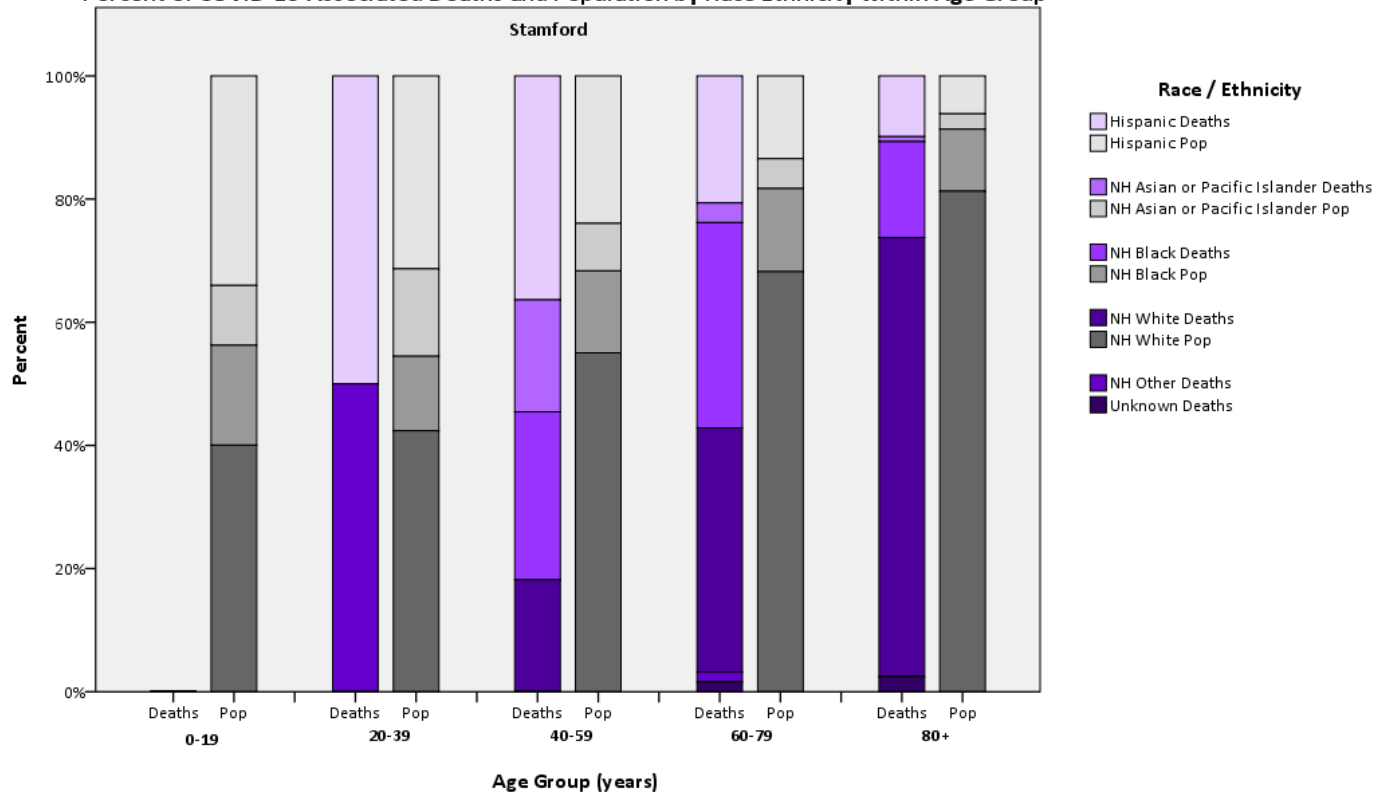
Percent of COVID-19 Associated Deaths and Population by Race Ethnicity within Age Group



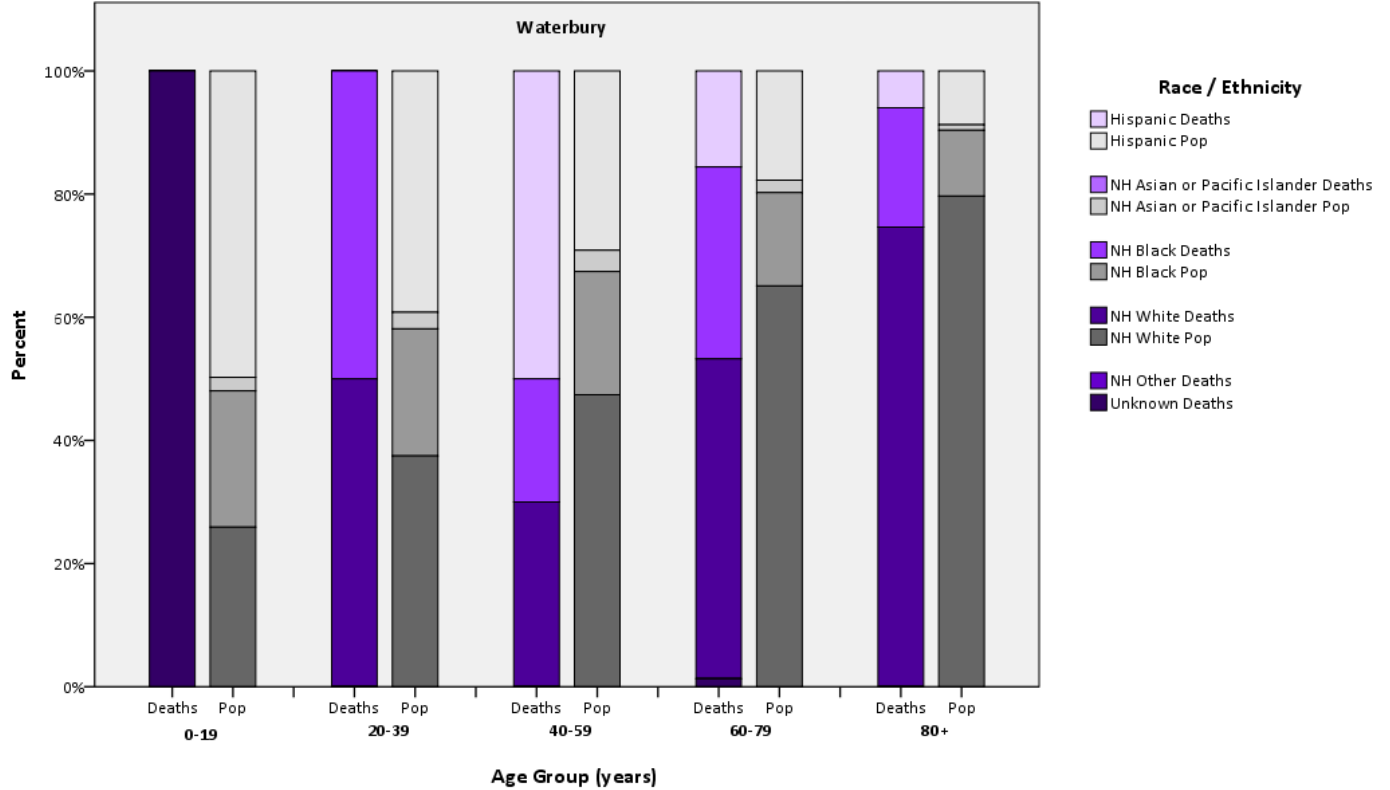
Percent of COVID-19 Associated Deaths and Population by Race Ethnicity within Age Group



Percent of COVID-19 Associated Deaths and Population by Race Ethnicity within Age Group



Percent of COVID-19 Associated Deaths and Population by Race Ethnicity within Age Group



Percent of COVID-19 Associated Deaths and Population by Race Ethnicity within Age Group

