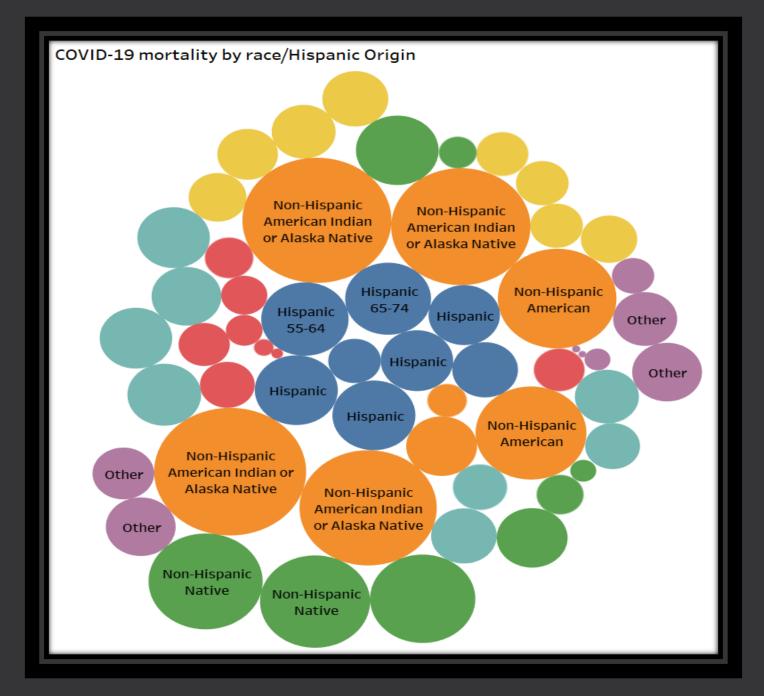
# COVID 19 mortality risk analysis

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What are the risk factors of dying from infections related to severe acute respiratory syndrome of coronavirus 2 (SARS-CoV-2), COVID-19?

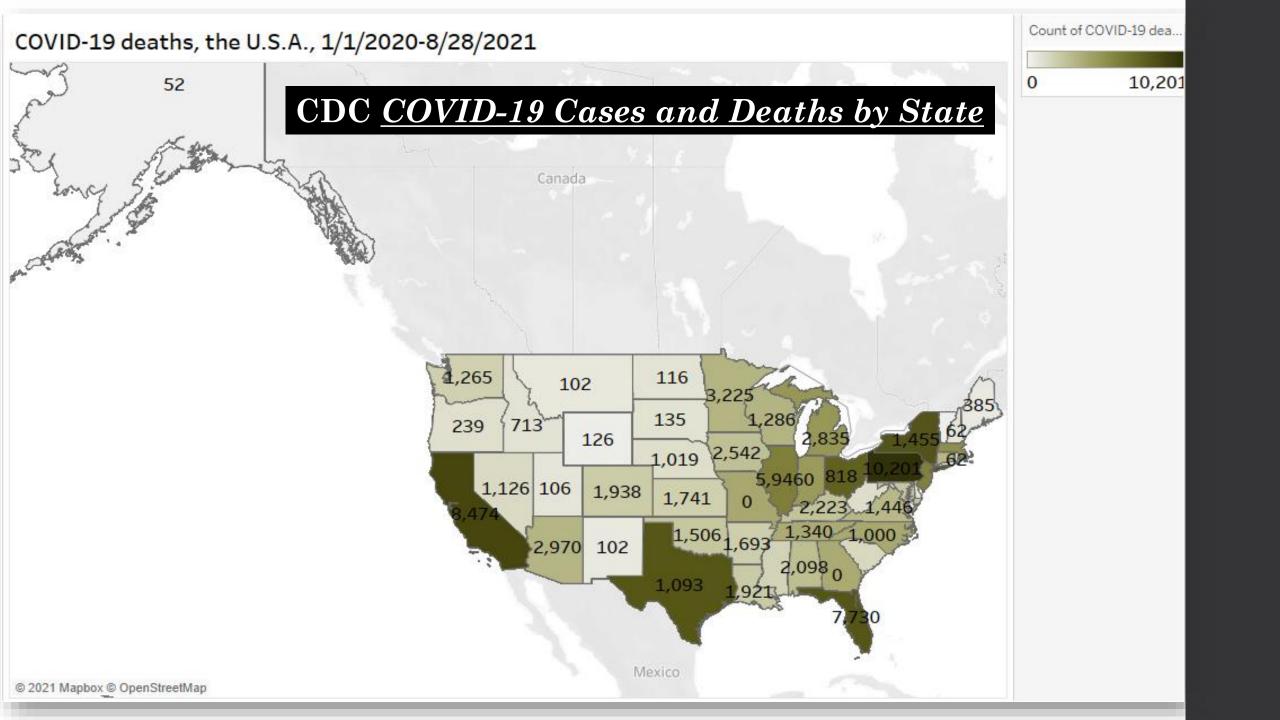


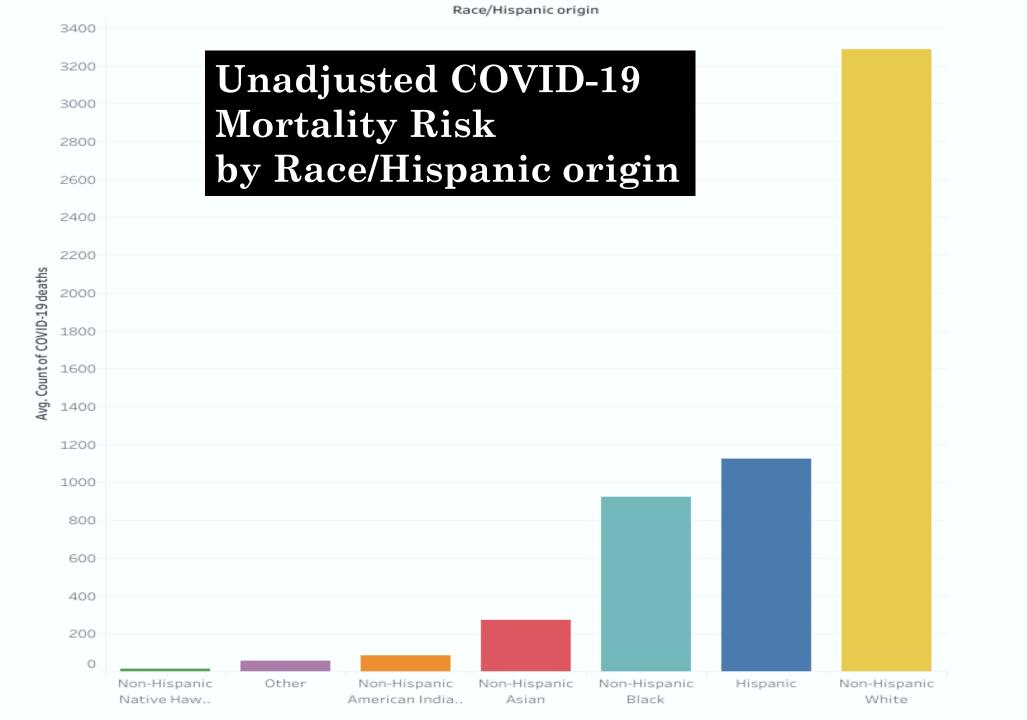


To Rank the Risk Causes using CDC <u>COVID-19 Cases and</u> <u>Deaths by State</u> Data

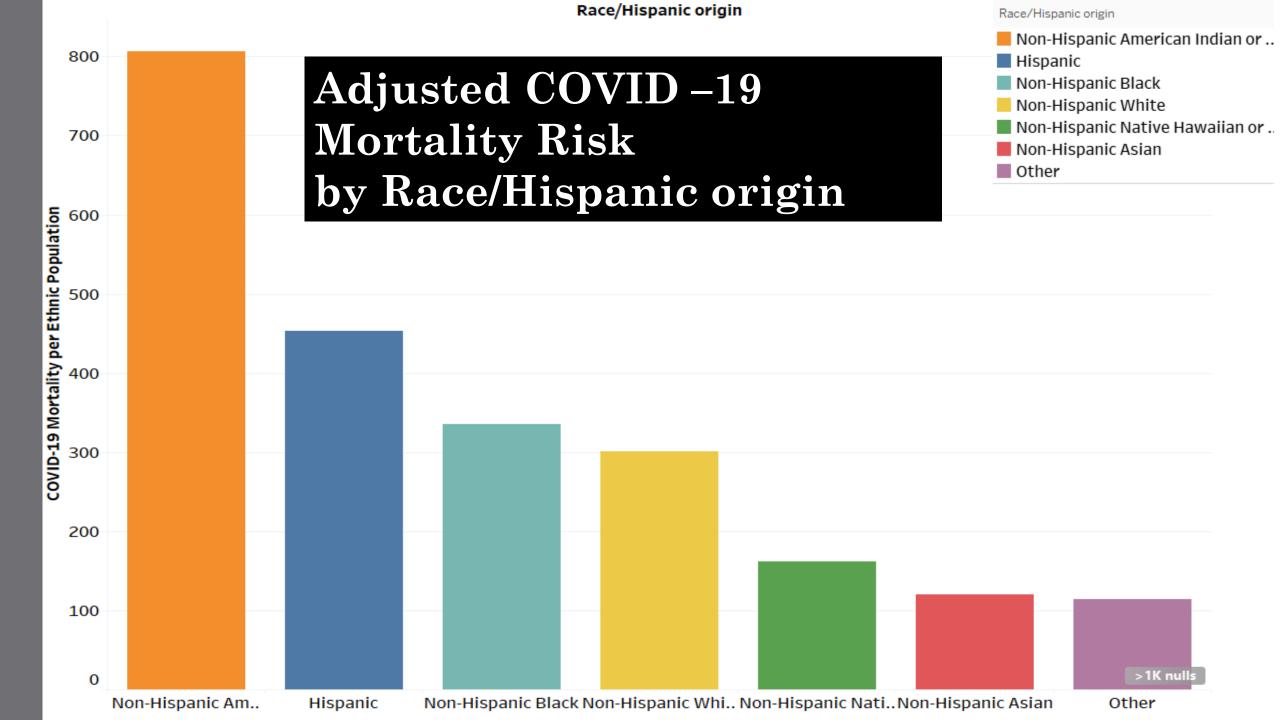
#### Data Source:

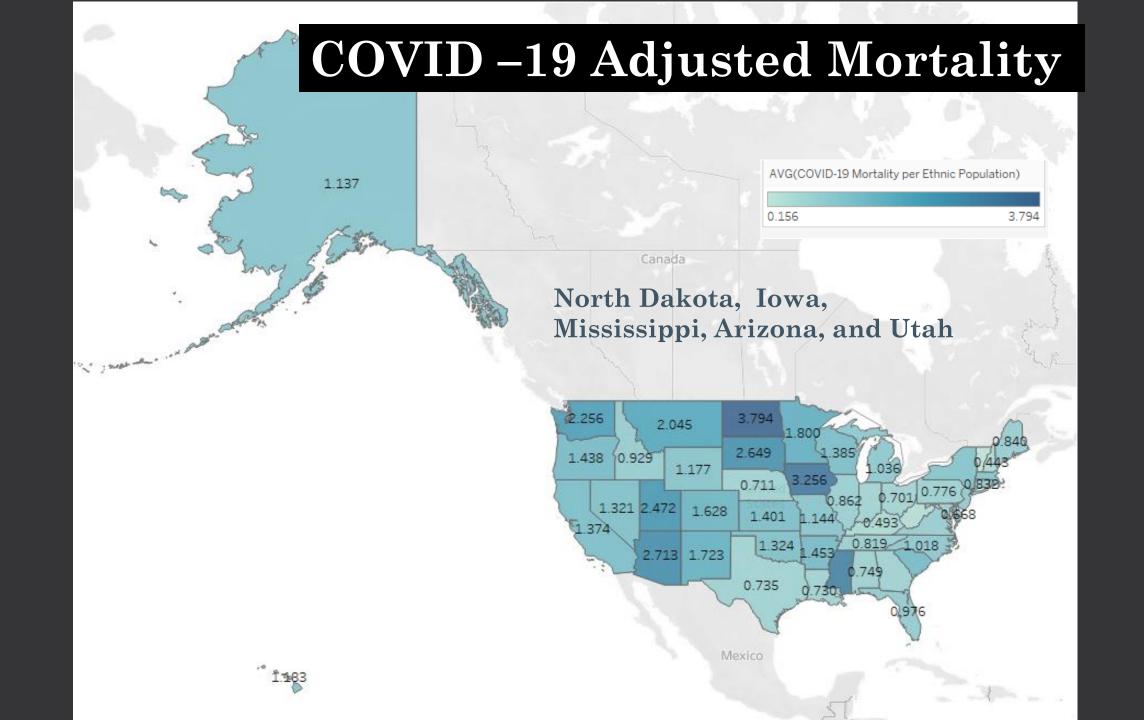
https://data.cdc.gov/NCHS/Distributionof-COVID-19-Deaths-and-Populationsby/jwta-jxbg/data

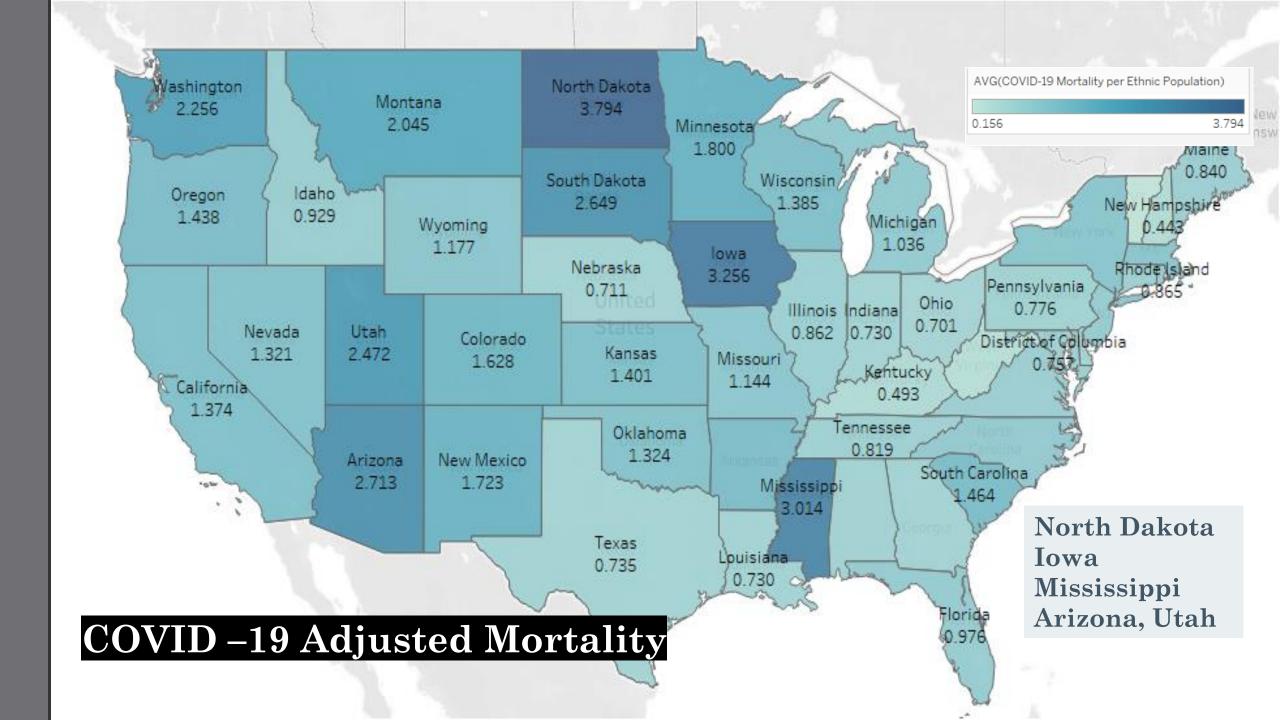


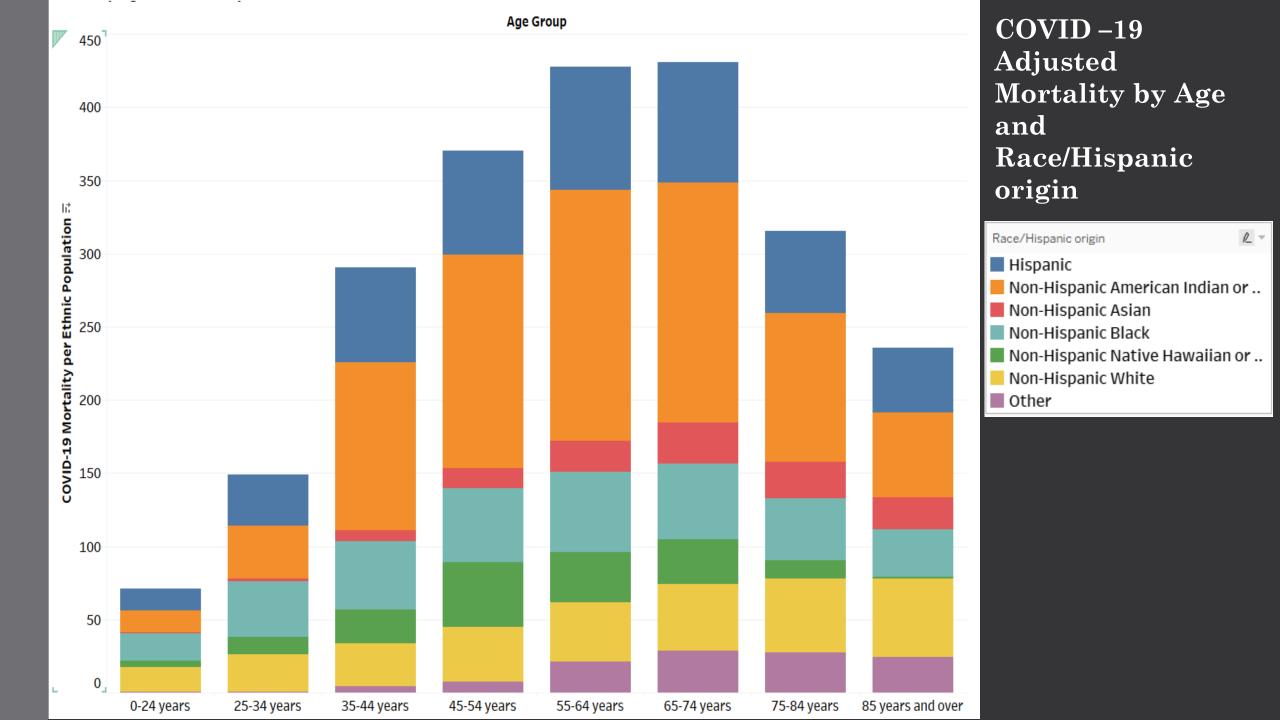










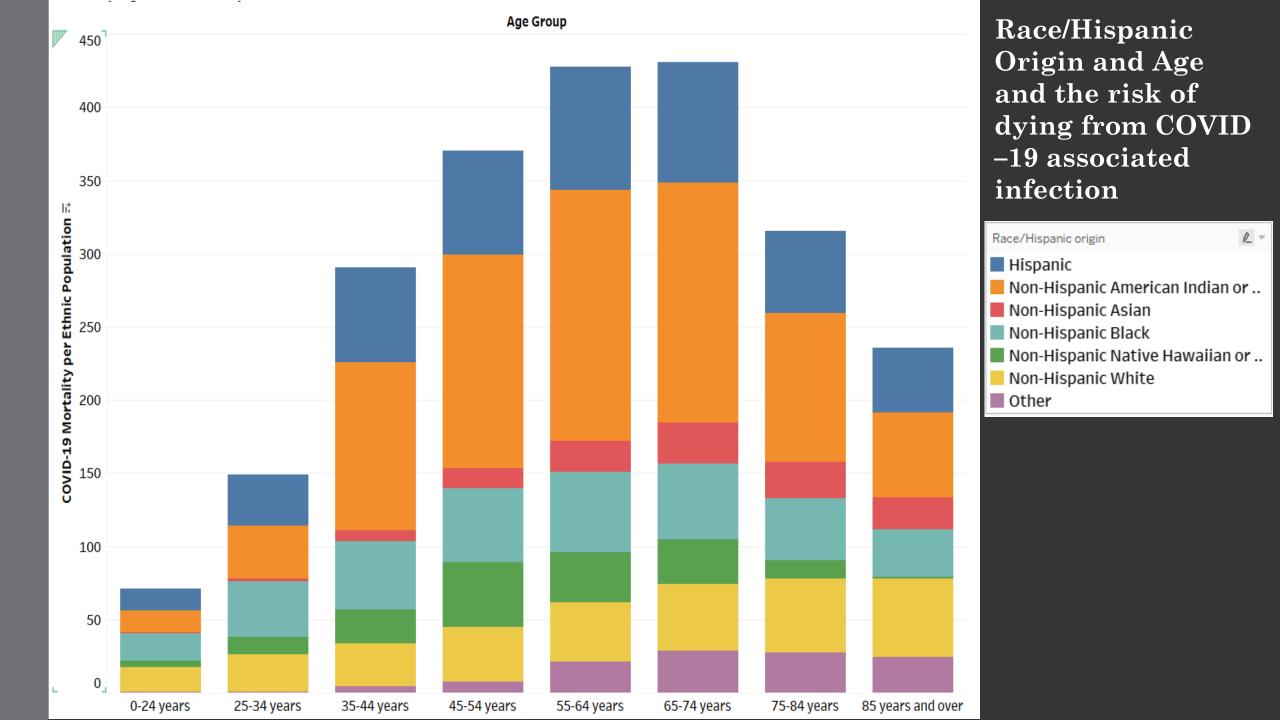




Age - Ethnicity Scatterplot Age Group 5.5 5.0 Non-Hispanic American Indian or Alaska Native 4.5 Non-Hispanic American Indian or Alaska Native Avg. COVID-19 Mortality per Ethnic Population Non-Hispanic American Indian or Alaska Native 4.0 3.5 3.0 Non-Hispanic American Indian or Alaska Native 2.5 Non-Hispanic Native Hawaiian or Other Pacific Islander 2.0 1.5 Hispanic 1.0 0.5 Non-Hispanic Asian Non-Hispanic Asian Other Non-Hispanic Native Hawaiian or Other Pacific Islander 0.0 Other Non-Hispanic Asian Other 0-24 years 25-34 years 35-44 years 45-54 years 65-74 years 85 years and ov.. 55-64 years 75-84 years

## CONCLUSION

- ➤ The risk is the highest among the non-Hispanic American Indian and Alaska Native (AIAN) population
- > By age, the risk increases every 10 years of age until the age of 74 y.o.
- > The risk is the highest among 45-74 y.o.
  - AIAN
  - Hispanic





## Questions for future research

Rural areas?

Reduced access to medical centers?

A combination of factors?

### **Data Source:**

CDC. Distribution of COVID-19 Deaths and Populations, by Jurisdiction, Age, and Race and Hispanic Origin. Retrieved 9/1/2021

https://data.cdc.gov/NCHS/Distribution-of-COVID-19-Deaths-and-Populations-by/jwta-jxbg https://data.cdc.gov/NCHS/Provisional-COVID-19-Deaths-Distribution-of-Deaths/pj7m-y5uh