

COVID-19 Data Analysis
May 2024

Data Sources

1. Conditions Contributing to COVID-19 Deaths by State and Age (Provisional 2020-2023)

Source: Centers for Disease Control and Prevention (CDC)

Description: This dataset contains information about conditions contributing to COVID-19 deaths in the United States from 2020 to 2023. The data is collected through the National Vital Statistics System (NVSS) from death certificates filed in vital registration offices across the U.S. It includes variables such as the date of data update, start and end dates of data collection, state, age group, condition group, specific conditions, ICD-10 codes, and the number of deaths attributed to COVID-19.

Link: [CDC COVID-19 Deaths by Age Group](#)

2. US Census 2020 Total Population by State

Source: U.S. Census Bureau

Description: This dataset provides the total population by state in the United States according to the 2020 Decennial Census. It includes the total population for each state, which is used to calculate COVID-19 death rates per 100,000 people for comparative analysis across different states and regions.

Link: [US Census 2020 Total Population by State](#)

3. GeoJSON File for State Boundaries

Source: Eric Celeste's US GeoJSON Data

Description: This geojson file contains geographical boundaries of U.S. states. It is used for creating choropleth maps to visualize COVID-19 death rates and total deaths associated with specific medical conditions. The file includes data for each state, which enables the mapping of COVID-19 statistics onto a geographical framework.

Link: [US GeoJSON Data](#)