

Dataset Nutrition Label:

2021 Covid-19 Temperature and Mortality Rates Dataset

About

The dataset has been created for the purpose of understanding whether there is a correlation between mortality rates of Covid-19 and average temperatures in regions of the United States. The dataset is a combination of datasets from the CDC and the NOAA. The mission of this dataset is to help further understanding of a disease that caused international distress. Also, it will be a doorway to truly understand the disease in order for countries to launch appropriate policies and to start research that could help reduce the negative impact caused by the pandemic.

Acknowledgments

1. The total cases confirmed from the CDC data could be inaccurate due to situations where all Covid-19 cases are not fully reported to the government.
2. The mortality rate from Covid-19 include certain cases where death can be caused by different factor in conjunction with Covid-19.

Variables

Average_temperature ← Average Monthly Temperature

(This variable is an average of the temperatures for each state by month)

tot_death ← Total Deaths

(This variable gives the total deaths for each month for each state)

tot_cases ← Total Cases confirmed

(This variable gives the total confirmed cases of COVID 19 for each state by month)

M_Rate ← Mortality Rate

(This variable gives the mortality rate by dividing tot_death by tot_cases and multiplying by 100)

region ← Regions of the United States

(The regions are divided into five. Three states chosen for each of the five regions. They are North East, South East, Mid West, South West, and West.)

relative_temp ← Comparison of level of temperature

(The levels used are high, medium, low. the criteria for each category is: high is above the third quartile, medium is in the range between the first and third quartile and low is below the first quartile)

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URLs:

- [NOAA Data Link](#)
- [CDC Data Link](#)

Data creation range: 2020-2022

Created By:
CDC (Center for Disease Control)
NOAA (National Oceanic and
Atmospheric Administration)

Format:
CSV File

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