



DATASET HOSPITAL

INFORMATION ON THE PURPOSE AND FUNCTIONALITY OF THE DATASET DIAGNOSIS

DIAGNOSIS PURPOSE

This data set is created to enable research on the impact COVID-19 and the potential comorbidity have in different areas of the United States. The data was created with the focus to facilitate allocating medical and human resource during frequent COVID-19 cases outbreak across the United States.

Intended Use

- Intended Domain: Public Healthcare Industry
- Intended Use: Assess public health and health care needs
- Intended Use: Assist in healthcare resources allocation
- Intended Use: To develop policies and epidemic prevention measures

DATASET PROVENANCE

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TECHNICAL INFORMATION:

- Data collected from U.S. Department of Health and Human Services and National Center of Health Statistics
- Data Creation Range: 2020-2023

DATA COLLECTION RESOURCES:

- <https://catalog.data.gov/dataset/weekly-counts-of-deaths-by-state-and-select-causes-2019-2020>
- <https://data.cdc.gov/NCHS/Conditions-Contributing-to-COVID-19-Deaths-by-Stat/hk9y-quqm>

SYMPTOMS AND DIAGNOSIS

- Other mild symptoms or signs of unlisted comorbidity are left out from this dataset information collection (Medical conditions other than Septicemia, Malignant neoplasms, Diabetes, Alzheimer, Influenza and pneumonia, Chronic lower respiratory disease, Nephritis nephrotic syndrome and nephrosis, diseases of heart, cerebrovascular disease, or not coded in ICD-10 code U07)
- Undocumented and missing values for specific variables due to incomplete surveys or forms (i.e. Incomplete data entries in Patient age group due to privacy protection and consent)

HUMAN RIGHTS PRINCIPLES DIAGNOSIS OVERVIEW

☒ Privacy

☒ Accountability

☐ Safety

☒ Transparency

☒ Fairness

☐ Human control of Technology

☒ Professional Responsibility

☒ Promotion of human values

8 Human Rights Principles:

- 1.PRIVACY:
- U.S. Department of Health and Human Services:
 - Dataset is sourced from csv. files intended for public access and use.
 - National Center of Health Statistics:
 - Data asset is publicly available to all without restrictions (public)
- 2.Accountability
- Data set information are sourced from the U.S. Government's principal agency
 - Data resources are licensed and labeled data collection provider as well as owner
- 3.Safety and security
- Lack in data transparency, predictability, and way of verification
- 4.Transparency and explainability
- Both data resources used to generate this dataset have irregular update frequency
 - Open Source data repository available on GitHub and accessible to public
- 5.Fairness and non-discrimination
- Included patient cases of different age groups
- 6.Human control of technology
- designed and implemented with the capacity for people to intervene in their actions
- 7.Professional responsibility
- This dataset aligns with this principle from thinking its long term effect on providing useful resource allocation information for potential future respiratory disease outbreak
- 8.Promotion of human values
- This data set is employed with a public-spirited goals
 - Intended to improve patient's access to sufficient healthcare