

Covid-19 and Impacts on Mental Health

Description

The WHO coronavirus (COVID-19) dataset presents official daily counts of COVID-19 cases, deaths, and vaccine utilization reported by countries, territories, and areas. WHO aims to provide a frequently updated data visualization, data dissemination, and data exploration resource to analyze the fluctuation in the number of cases from 2020 through 2023.

Keywords

Global Cases Deaths Daily Updated

How to use it?

Intended Use

- **Intended Domain.** Public Health and Epidemiology
- **Intended Use.** provide a centralized and authoritative source of information on the global impact of the COVID-19 pandemic. The dataset was designed to support public health efforts, research, policymaking, and international collaboration in the context of the pandemic.
- **Other Responsible Uses.** Data scientists and machine learning practitioners might explore the dataset to develop models predicting the spread of the virus, understanding factors influencing its transmission or forecasting healthcare system needs.

Known Uses

Studies analyzing the effectiveness of different vaccine rollouts and their impact on reducing COVID-19 cases and severity.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8862168/>...read more

Restrictions on Use

- unsure

Do Not Use

- **Domain.** While the dataset provides epidemiological insights, researchers in the biomedical field requiring detailed molecular or genetic information about the virus may need to access specialized datasets.
- **Conclusions on an individual basis.** The dataset provides generalized data for the population in a given region. Each person has their own different immune systems and other health factors that could impact their potential to contract Covid-19

About the dataset

People

| | |
|---------------|-----------------------------|
| Owned by | World Health Organization ▾ |
| Created by | World Health Organization ▾ |
| Maintained by | ▾ |
| Funding | World Health Organization ▾ |
| Management | World Health Organization ▾ |

Technical information

| | |
|----------------------|---|
| Publish Date | 2020-03-22 |
| Format | csv |
| Instances | 33641 |
| Version | |
| License | https://www.who.int/about/poli... ▾ |
| Collection timeframe | 2020-ongoing |
| Collection process | From the 31 December 2019 to L... ▾ |

Useful links

| | |
|----------------------|-----|
| Dataset access point | URL |
|----------------------|-----|

Counts primarily reflect laboratory-confirmed cases and deaths, based upon WHO case definitions; although some departures may exist due to local adaptations. Counts include both domestic and repatriated cases. Case detection, definitions, testing strategies, reporting practice, and lag times (e.g. time to case notification, and time to reporting of deaths) differ between countries, territories and areas. These factors, amongst others, influence the counts presented with variable under or overestimation of true case and death counts, and variable delays to reflecting these data at a global level. Counts of new cases and deaths are calculated by subtracting previous cumulative total counts from the current count. These counts are updated incrementally throughout the day as more information becomes available. Daily new case and death counts are

Collection process
From the 31 December 2019 to the 21 March 2020, WHO collected the numbers of confirmed COVID-19 cases and deaths through official communications under the International Health Regulations (IHR, 2005), complemented by monitoring the official ministries of health websites and social media accounts. Since 22 March 2020, global data are compiled through WHO region-specific dashboards and/or aggregate count data reported to WHO headquarters daily. Counts primarily reflect laboratory-confirmed cases and deaths, based upon WHO case definitions; although some departures may exist due to local adaptations. Counts include both domestic and repatriated cases.






Useful links

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Inference risks

At a Glance

| | | | | |
|---|---|---|---|---|
|  About humans Yes |  Upstream sources Yes |  Technical review Yes |  Ethical review Yes |  Update frequency Yes |
|---|---|---|---|---|

Data values

What values are in each column?

| | |
|-----------------------------------|---------------------------|
| Collection and Labeling Protocols | Data Imputation Protocols |
| Data Manipulation Protocols | Missing Data |
| Raw Data | |

Number of issues

| | |
|---------|---|
| Risky | 0 |
| Safe | 0 |
| Unknown | 0 |

Feature selection

Which columns were chosen and why?

| | |
|--------------------------------|-----------------------|
| Cultural or Domain Assumptions | Proxy Characteristics |
| Planning Representation | Domain Knowledge |

Number of issues

| | |
|---------|---|
| Risky | 1 |
| Safe | 0 |
| Unknown | 0 |

Representation

Which rows were included and why?

| | |
|---------------------------|------------------------------------|
| Subpopulation Information | Representation |
| Individual Inferences | Individual Inferences - Mitigation |
| Collection Representation | Other Representation Issues |

Number of issues

| | |
|---------|---|
| Risky | 1 |
| Safe | 0 |
| Unknown | 0 |

Upstream sources

Are there known risks in datasets upstream?

| | |
|---------------------------|------------------------------------|
| Subpopulation Information | Representation |
| Individual Inferences | Individual Inferences - Mitigation |
| Collection Representation | Other Representation Issues |

Number of issues

| | |
|---------|---|
| Risky | 0 |
| Safe | 0 |
| Unknown | 0 |

Upstream sources

Are there known risks in datasets upstream?

| | |
|-----------------------------|-----------------------------|
| Intended Use Familiarity | Data Collection Familiarity |
| Data Processing Familiarity | Other Known Issues |

Number of issues

| | |
|---------|---|
| Risky | 0 |
| Safe | 0 |
| Unknown | 0 |

General risks

Any additional risks?

| | |
|------------------------|-------------------------------------|
| Individual Information | Consent |
| Generalized Inferences | Generalized Inferences - Mitigation |
| Sensitive Content | Documented Known Issues |
| Other Known Issues | |

Number of issues

| | |
|---------|---|
| Risky | 0 |
| Safe | 0 |
| Unknown | 0 |