



# Institute for Health Metrics and Evaluation

## Data Release Information Sheet

### **Data Summary**

Dataset name: Global Burden of Disease Study 2019 (GBD 2019) Healthcare Access and Quality Index 1990-2019

Date of release: December 21, 2022

#### Summary:

Estimates from the Global Burden of Disease Study 2019 (GBD 2019) were used to create the Healthcare Access and Quality (HAQ) Index overall and for select age groups in 204 countries and territories from 1990 to 2019. For GBD 2019, HAQ Index construction methods were updated to use the arithmetic mean of scaled mortality-to-incidence ratios (MIRs) and risk-standardized death rates (RSDRs) for 32 causes of death that should not occur in the presence of timely, quality health care.

This dataset contains estimates for the overall and age-group specific indices along with each unscaled HAQ Index indicator by location in 1990 and 2019. Code used to produce the estimates is also available for download.

Results were published in *The Lancet Global Health* in December 2022 in “Assessing performance of the Healthcare Access and Quality Index, overall and by select age groups, for 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019.”

#### Relevant publications and visualizations:

- GBD 2019 Healthcare Access and Quality Collaborators. Assessing performance of the Healthcare Access and Quality Index, overall and by select age groups, for 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019. *The Lancet Global Health*. 1 December 2022.

### **Acknowledgements**

#### Contributing organizations:

- Global Burden of Disease Collaborative Network

#### Funders:

- Bill and Melinda Gates Foundation (BMGF)

### Suggested Citation:

Global Burden of Disease Collaborative Network. Global Burden of Disease Study 2019 (GBD 2019) Healthcare Access and Quality Index 1990-2019. Seattle, United States of America: Institute for Health Metrics and Evaluation (IHME), 2022.

## **Data Files Information**

### **File Inventory**

<b>File Name</b>	<b>Description</b>	<b>Version Date</b>
IHME_GBD_2019_HAQ_1990_2019_DATA_Y2022M012D21.CSV	HAQ Index and HAQ Indicator Estimates for Overall and Age-Group Specific	December 21, 2022
IHME_GBD_2019_HAQ_1990_2019_CODEBOOK_Y2022M012D2.CSV	Codebook	December 21, 2022
IHME_GBD_2019_HAQ_1990_2019_INFO_SHEET_Y2022M012D21.PDF	Data Release Information Sheet	December 21, 2022

### **Variable Information**

<b>Variable</b>	<b>Variable Label</b>	<b>Variable Definition</b>
location_id	Location ID	A unique numeric identifier for the location generated and stored in an IHME database of data dimensions.
location_name	Location Name	The location for the estimate.
year_id	Year ID	The time period for the estimate.
age_group_id	Age Group ID	A unique numeric identifier for the age group generated and stored in an IHME database of data dimensions.
age_group_name	Age Group Name	The age group for the estimate.
haq_index_age_type	HAQ Index Age Type	Overall HAQ Index (ages 0–74 years), plus three select age groups based on OECD definition of the working age population (15–64 years): <ul style="list-style-type: none"><li>• Young (ages 0–14 years)</li><li>• Working (ages 15–64 years)</li><li>• Post-working (ages 65–74 years)</li></ul>

Variable	Variable Label	Variable Definition
indicator_id	Indicator ID	Unique numeric identifier for the indicator. These indicators are primarily 32 GBD causes of death that should not occur in the presence of timely, quality health care, along with the HAQ Index.
indicator_name	Indicator Name	The indicator for the estimate.
measure	Measure	The measure for the estimate. Possible values: <ul style="list-style-type: none"> <li>• Index</li> <li>• Mortality-to-incidence ratios (MIR)</li> <li>• Risk-standardised death rates (RSD)</li> </ul>
val	Value	Mean estimate.
upper	95% Uncertainty Interval (Upper Bound)	97.5% percentile estimate.
lower	95% Uncertainty Interval (Lower Bound)	2.5% percentile estimate.

## ***Additional Information***

### **Terms and Conditions**

<http://www.healthdata.org/about/terms-and-conditions>

### **Contact Information**

To request further information about this dataset, please contact IHME:

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These files may be updated periodically, so we appreciate hearing feedback or additional information about how these data are being used.