



# Institute for Health Metrics and Evaluation

## Data Release Information Sheet

### ***Data Summary***

Dataset name: Global Burden of Disease Study 2017 (GBD 2017) Life Tables 1950-2017

Date of release: November 8, 2018

Summary:

The Global Burden of Disease Study 2017 (GBD 2017), coordinated by the Institute for Health Metrics and Evaluation (IHME), estimated the burden of diseases, injuries, and risk factors for 195 countries and territories and at the subnational level for a subset of countries.

This dataset includes full and abridged life tables with estimates for life expectancy and probability of death by location, single calendar year, age, and sex for 1950-2017. Full life tables contain estimates by single year of age. Abridged life tables contain estimates by 5-year age group. Locations covered include both GBD locations and special regions such as WHO Regions and World Bank Income Levels. Data used to produce these tables came from vital registration (VR) systems, sample registration systems, household surveys, censuses, disease surveillance, and demographic surveillance systems (DSS).

For additional GBD results and resources, visit the [GBD 2017 Data Resources page](#).

Relevant publications and visualizations:

- GBD 2017 Mortality Collaborators. Global, regional, and national age- and sex-specific mortality and life expectancy, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*. 8 November 2018.
- [Mortality Visualization](#)

### **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 2017 (GBD 2017) Life Tables 1950-2017. Seattle, United States: Institute for Health Metrics and Evaluation (IHME), 2018.

***Data Files Information***

<b>Variable</b>	<b>Variable Label</b>	<b>Variable Definition</b>
location_id	Location ID	Unique numeric identifier for the location generated and stored in an IHME database of data dimensions.
location_name	Location Name	Location of the estimate.
sex_id	Sex ID	Unique numeric identifier for the sex generated and stored in an IHME database of data dimensions.
sex_name	Sex	Gender for the estimate.
age_group_id	Age Group ID	Unique numeric identifier for the age group generated and stored in an IHME database of data dimensions.
age_group_name	Age Group Name	Age group estimated.
year_id	Year ID	Time period of estimate.
measure_id	Measure ID	Unique numeric identifier for the measure generated and stored in an IHME database of data dimensions.
measure_name	Measure Name	The measure (indicator) of the estimate.
metric_id	Metric ID	Unique numeric identifier for the metric generated and stored in an IHME database of data dimensions.
metric	Metric	Metric/unit of measure for the estimate.
val	Value	Mean estimate.
upper	95% Uncertainty Interval - Upper Bound	97.5% percentile estimate.
lower	95% Uncertainty Interval - Lower Bound	2.5% percentile estimate.

## Measure Descriptions

Measure	Measure: Long Name	Definition
Life expectancy	Life expectancy	The number of years a person is expected to live at a given age assuming he or she will experience the age-specific mortality rate observed in a given year throughout his or her lifetime. For GBD, the life expectancy associated with an age group (e.g., 50- to 54-year-olds) is life expectancy at the starting year of the age group.
Life expectancy no-shock hiv free	Life expectancy (without fatal discontinuities or HIV)	Life expectancy when the impact of fatal discontinuities* or the HIV epidemic is removed.
Life expectancy no-shock with hiv	Life expectancy (without fatal discontinuities, with HIV)	Life expectancy as estimated without including the impact of fatal discontinuities but including the HIV epidemic.
Probability of death	Probability of death	The probability that a person dies during an interval of two ages (e.g., between birth and age 5), if the rates of all-cause mortality in a specified year of interest would remain constant into the future.
Probability of death no-shock hiv free	Probability of death (without fatal discontinuities or HIV)	The estimated probability of death without the impact of fatal discontinuities or the HIV epidemic.
Probability of death no-shock with hiv	Probability of death (without fatal discontinuities, with HIV)	The estimated probability of death without the impact of fatal discontinuities but including the HIV epidemic.

\* **Fatal discontinuities:** An increase in the death rate of more than 1 per million, resulting from conflict and terrorism, natural disasters, major transport accidents or epidemics.

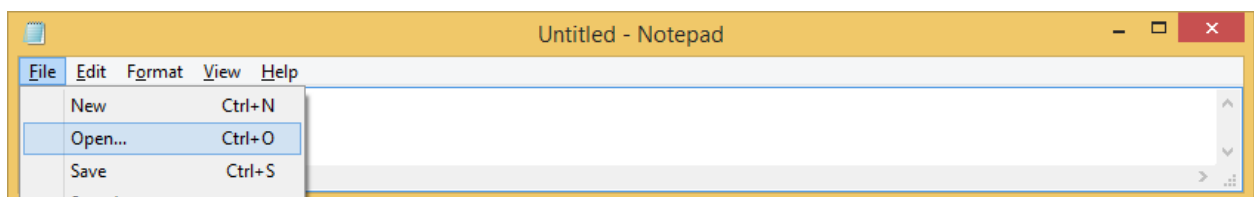
## Additional Information

### Opening CSV Files with Special Characters in Excel

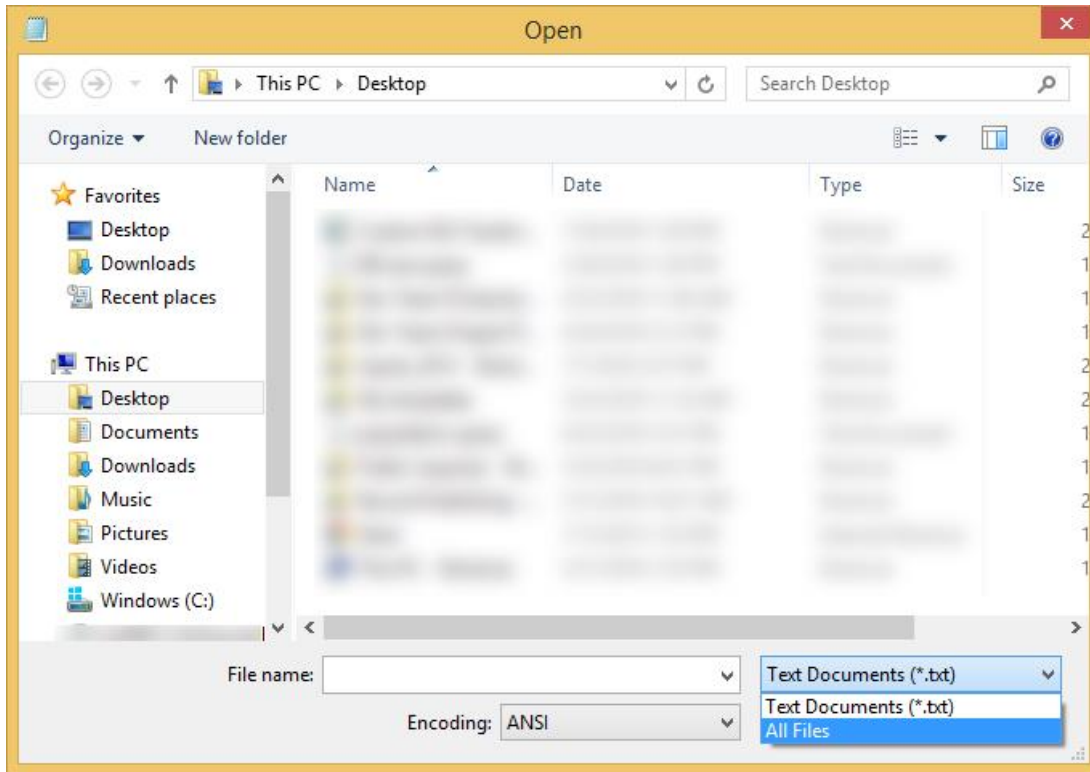
Sometimes, queries result in files that contain special characters, such as place names with accents like "Côte d'Ivoire." These characters may not display properly when the CSV file is opened in Excel.

To solve this problem:

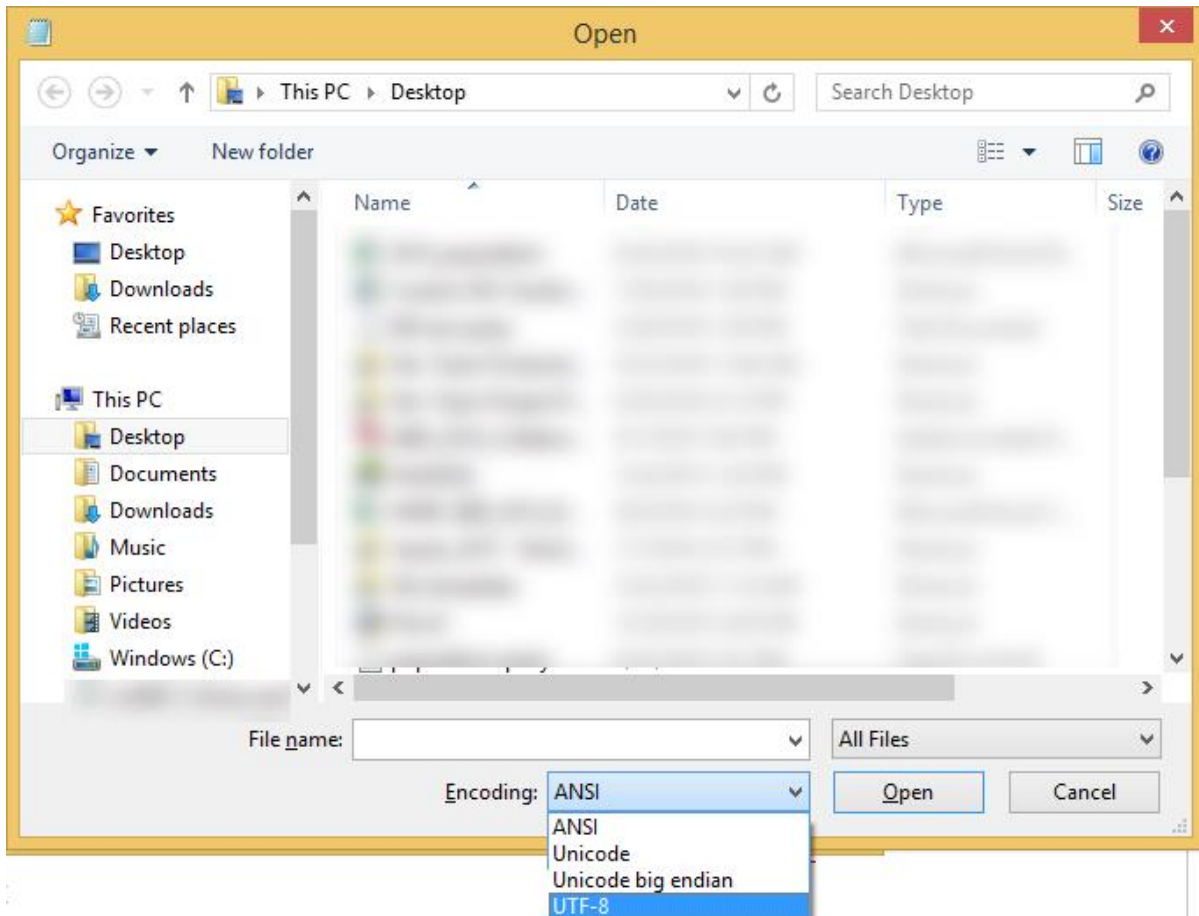
1. Open Notepad.
2. Click File > Open (Ctrl + O).



3. Browse to and open the exported CSV, making sure to select "All Files" in the bottom right.



4. In the Encoding drop-down menu at the bottom, change from ANSI to UTF-8.



5. Save the file. When you reopen it in Excel, the special characters should render correctly.

## Terms and Conditions

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

## Contact information

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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.