



# Institute for Health Metrics and Evaluation

## Data Release Information Sheet

### ***Data Summary***

Dataset name: Global Burden of Disease Study 2017 (GBD 2017) Fertility Estimates 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 provides annual age-specific fertility rate (ASFR) estimates by 5-year age groups for the 10-54 year range for 1950-2017. Data sources used to produce these estimates came from 7,149 location-years of vital registration data, 467 surveys reporting complete birth histories, and 677 surveys and censuses reporting summary birth histories.

Results of an analysis related to these data were published in *The Lancet* in November 2018 in "Population and fertility by age and sex for 195 countries and territories, 1950–2017: a systematic analysis for the Global Burden of Disease 2017."

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

Relevant publications and visualizations:

- GBD 2017 Population and Fertility Collaborators. Population and fertility by age and sex for 195 countries and territories, 1950–2017: a systematic analysis for the Global Burden of Disease 2017. *The Lancet*. 8 November 2018.

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

***File Inventory***

File Name	Description	Date Produced
IHME_GBD_2017_FERT_ESTIMATE S_1950_2017_Y2018M11D08.CSV	Annual age-specific fertility rate (ASFR) estimates, 1950-2017	November 8, 2018
IHME_GBD_2017_FERT_ESTIMATE S_1950_2017_CODEBOOK_Y2018 M11D08.CSV	Codebook	November 8, 2018
IHME_GBD_2017_FERT_ESTIMATE S_1950_2017_INFO_SHEET_Y2018 M11D08.PDF	Data Release Information Sheet	November 8, 2018

***Data Files Information***

Variable	Variable Label	Variable Definition
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

Variable	Variable Label	Variable Definition
		data dimensions.
measure_name	Measure Name	The measure (indicator) of the estimate.
metric_name	Metric Name	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.

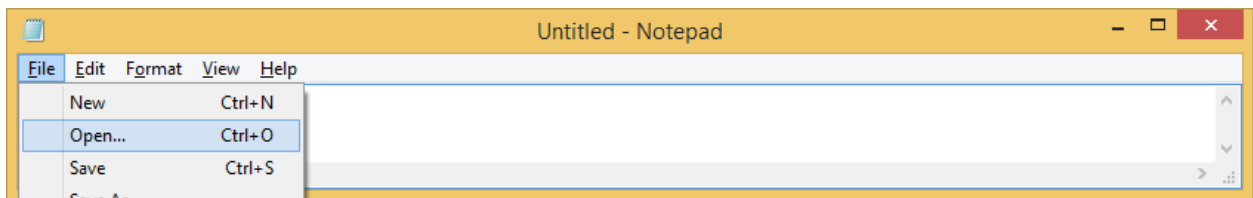
### ***Additional Information***

#### **Opening CSV Files with Special Characters in Excel**

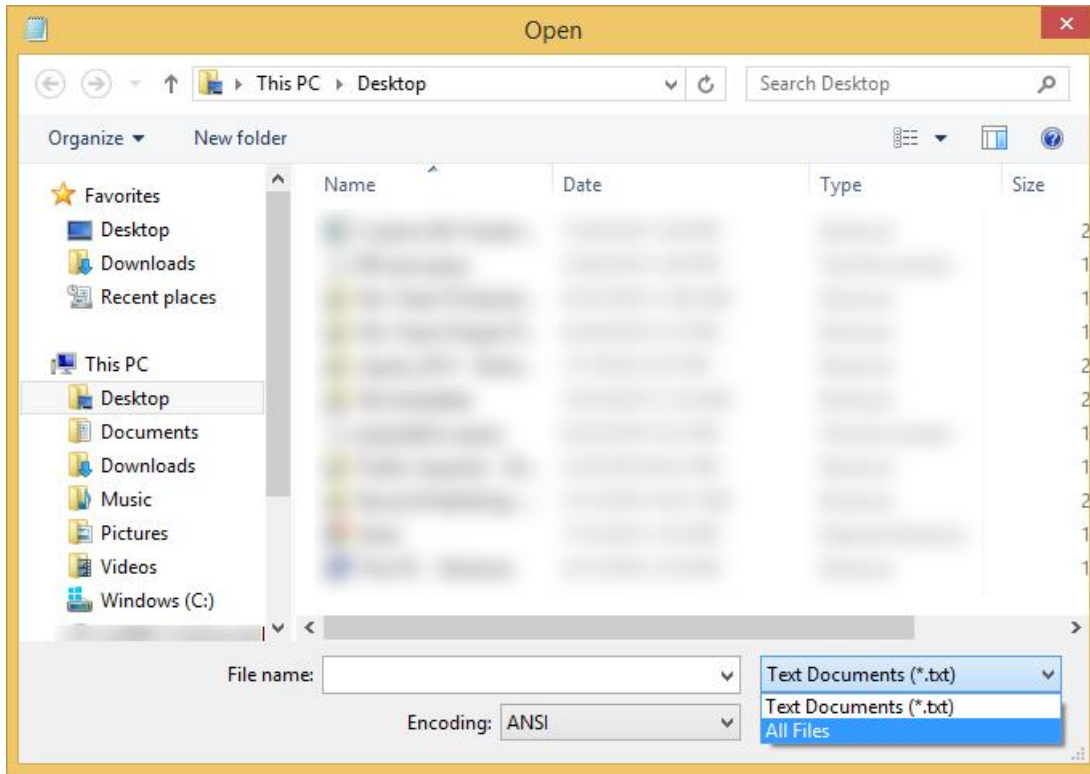
Sometimes, queries result in files that contain special characters, such as place names with accents like “Côte d'Ivoire.” These characters may not display properly when the CSV file is opened in Excel.

To solve this problem:

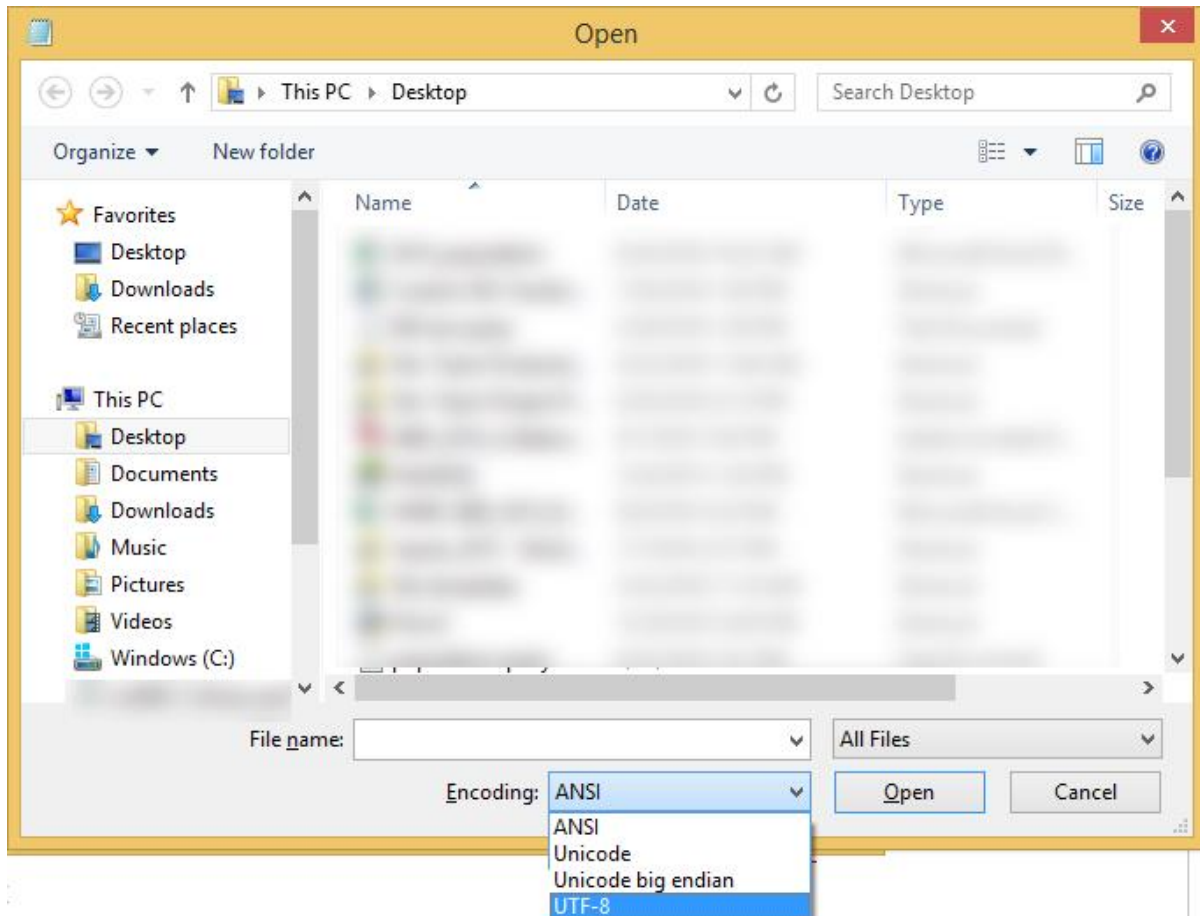
1. Open Notepad.
2. Click File > Open (Ctrl + O).



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.



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.