



Institute for Health Metrics and Evaluation

Data Release Information Sheet

Data Summary

Dataset name: Global Life Expectancy, All-Cause Mortality, and Cause-Specific Mortality Forecasts 2016-2040

Date of release: October 16, 2018

Summary:

IHME researchers leveraged data from the [Global Burden of Disease \(GBD\) study](#) to produce life expectancy, all-cause mortality, and cause-specific mortality forecasts for 195 countries and territories from 2016-2040. In addition to reference scenarios, alternative “better” and “worse” scenarios were produced. Estimates for life expectancy, deaths, and years of life lost (YLLs) for 250 causes are available by cause, age, and sex from [GBD Foresight](#). Estimates for deaths and YLLs attributable to each GBD risk factor and summary exposure values (SEV) by risk are also available. Select tables published in *The Lancet* in October 2018 in "Forecasting life expectancy, years of life lost, and all-cause and cause-specific mortality for 250 causes of death: reference and alternative scenarios for 2016–40 for 195 countries and territories" are available for download in this record via the "Files" tab.

Relevant publications and visualizations:

- Foreman KJ, Marquez N, Dolgert A, Fukutaki K, McGaughey M, et al. Forecasting life expectancy, years of life lost, and all-cause and cause-specific mortality for 250 causes of death: reference and alternative scenarios for 2016–40 for 195 countries and territories using data from the Global Burden of Disease Study 2016. *The Lancet*. 16 October 2018.
- [GBD Foresight](#)

Acknowledgements

Contributing organizations:

- Institute for Health Metrics and Evaluation (IHME)

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- Bill and Melinda Gates Foundation (BMGF)

Suggested Citation:

Institute for Health Metrics and Evaluation (IHME). Global Life Expectancy, All-Cause Mortality, and Cause-Specific Mortality Forecasts 2016-2040. Seattle, United States: Institute for Health Metrics and Evaluation (IHME), 2018.

File Inventory

File Name	Description	Date Produced
IHME_LE_MORT_FORECASTS_2016_2014_TABLE_1_Y2018M10D16.XLSX	Main Paper - Table 1. Number of global deaths and years of life lost (YLLs) in GBD 2016, and in the 2040 forecast, better health, and worse health scenarios for all causes	October 16, 2018
IHME_LE_MORT_FORECASTS_2016_2014_SR_TABLE_1_Y2018M10D16.XLSX	Supplementary Results Appendix - Table 1. Number of Years of life lost (YLLs) and deaths in GBD 2016, the 2040 forecast (reference scenario), better, and worse scenarios for all causes of death and all locations	October 16, 2018
IHME_LE_MORT_FORECASTS_2016_2014_SR_TABLE_2_Y2018M10D16.XLSX	Supplementary Results Appendix - Table 2. Correlation between SEVrc and SEVr in the period 1990-2016	October 16, 2018
IHME_LE_MORT_FORECASTS_2016_2014_SR_TABLE_3A_C_Y2018M10D16.PDF	Supplementary Results Appendix - Tables 3a, 3b, and 3c. Pearson correlation coefficients among the components of SDI, top 20 risks, and vaccines in <ul style="list-style-type: none">• GBD 2016 for 1990-2016• Reference scenario forecasts 2017-2040• Reference scenario forecasts (2017-2040) divided by correlations in the past (1990-2016)	October 16, 2018
IHME_LE_MORT_FORECASTS_2016_2014_TABLE_INDEX_Y2018M10D16.CSV	Table Index	October 16, 2018
IHME_LE_MORT_FORECASTS_2016_2014_INFO_SHEET_Y2018M10D16.PDF	Data Release Information Sheet	October 16, 2018

Additional Information

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.