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The Institute for Health Metrics and Evaluation (IHME) provides data on the Global Burdens of Disease that can be accessed here <http://ghdx.healthdata.org/gbd-results-tool>. IHME provides data on multiple metrics that we pull into IFs, including deaths, DALYs, incidence, prevalence, violence and forecasts for each. The latest IFs data update for this series was in February 2024, covering 188 economies over the years 1990-2019.



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Instructions on Pulling IHME data

Preprocessors on Prevalence and Incidence

Update in February 2024

The data can be accessed from the GBD tool at <http://ghdx.healthdata.org/gbd-results-tool>. You can download the data based on the table below for each series. Python scripts used from last data pull can be accessed and adjusted for future data pulls.

Variable	GBD Estimate	Measure	Metric	Cause	Location	Age	Sex	Year	Decimal Places
ViolencePoliticalConflictTerror	Cause of death or injury	Deaths	Rate	Conflict and terrorism	Select all countries and territories	All Ages	Both	Select all	4
ViolencePoliticalPoliceExecution	Cause of death or injury	Deaths	Rate	Executions and police conflict	Select all countries and territories	All Ages	Both	Select all	4
ViolenceSelfHarm	Cause of death or injury	Deaths	Rate	Self-harm	Select all countries and territories	All Ages	Both	Select all	4
SocietalViolenceDeathsTotal	Cause of death or injury	Deaths	Rate	Interpersonal violence + Conflict and terrorism + Executions and police conflict	Select all countries and territories	All Ages	Both	Select all	4
ViolenceInterpersonChild	Cause of death or injury	Deaths	Rate	Interpersonal violence	Select all countries and territories	0-14	Both	Select all	4
ViolenceInterpersonWomenAdult	Cause of death or injury	Deaths	Rate	Interpersonal violence	Select all countries and territories	20 +	Female	Select all	4
DrOpiodPrevIHME	Cause of death or injury	Prevalence	Percent	Opioid Use Disorders	Select all countries and territories	All Ages	Both	Select all	4
DrugPrevalenceAmphetaminesIHME	Cause of death or injury	Prevalence	Percent	Amphetamine Use Disorders	Select all countries and territories	All Ages	Both	Select all	5
DrugPrevalenceCocaineIHME	Cause of death or injury	Prevalence	Percent	Cocaine Use Disorders	Select all countries and territories	All Ages	Both	Select all	5
IHMEDthsHIV	Cause of death or injury	Deaths	Number	HIV/AIDs	Select all countries and territories	All Ages	Both	Select all	5
IHMEDthsMalar	Cause of death or injury	Deaths	Number	Malaria	Select all countries and territories	All Ages	Both	Select all	5
IHMEInciHIVNumber	Cause of death or injury	Incidence	Number	HIV/AIDs	Select all countries and territories	All Ages	Both	Select all	
IHMEInciMalariaNumber	Cause of death or injury	Incidence	Number	Malaria	Select all countries and territories	All Ages	Both	Select all	
IHMEPrevHIV	Cause of death or injury	Prevalence	Percent	HIV/AIDs	Select all countries and territories	All Ages	Both	Select all	3
IHMEPrevHIVNumber	Cause of death or injury	Prevalence	Number	HIV/AIDs	Select all countries and territories	All Ages	Both	Select all	
IHMEPrevMalariaNumber	Cause of death or injury	Prevalence	Number	Malaria	Select all countries and territories	All Ages	Both	Select all	

Note:

- ViolenceInterpersonChild & ViolenceInterpersonWomenAdult have changed a lot, we identify the Age by comparing the trend of old data in IFsHistSeries and the new data from GBD.
- Be aware of the definition of each preprocessor and its unit so that you can find the exact match in the IHME GBD variables.
- Some regions in IFs are not provided by IHME yet, we are encouraged to use proxies. For example, use Singapore, Albania, and Mali for Hong Kong, Kosovo, and Sahrawi respectively. Be mindful that for tables with units in rate or percent, proximal values can

be directly applied; however, when values are in numbers or headcounts, you will need to borrow the population figures to apply values proportionally.

Tables Used in Hist+Forecast Display

Update in July 2024

The data can be accessed from the GBD tool at <http://ghdx.healthdata.org/gbd-results-tool>. You can download the data based on the table below for each series. Note that a detailed death cause mapping table can be found [here](#).

There are 45 tables in total related to detailed death tables in IFs. For each of 15 death causes in IFs, we have a total death table and two tables by sex group. These 45 tables can be searched by using the following naming conventions IHMEDths___, IHMEDths__Females, and IHMEDths__Males, where ___ denotes the cause of death in IFs. These 15 causes are, Cardio, Diabet, Diarrh, Digest, HIV, Intlj, Malar, MalNeopl, MentHlth, OthCD, OthNCD, OthUnintlj, Respinfec, Respiratory, Roadacc.

Demographic Related IHME Preprocessors

Life Expectancy

Life expectancy data can be pulled from <https://ghdx.healthdata.org/record/ihme-data/gbd-2019-life-tables-1950-2019>. Just download Life Tables: Age < 1 year and use the IHME_GBD_2019_LIFE_TABLES_1950_2019_ID_28_NOSHOCK_Y2020M07D31.CSV (28 means "Age Group < 1 year").

Variable	Age	Sex	Year	Metric Name	Decimal Places
LifeExpectIHMEBothSexesHistOnly	< 1 year	Both	1950-2019	Years	3
LifeExpectIHMEMaleHistOnly	< 1 year	Male	1950-2019	Years	3
LifeExpectIHMEFemaleHistOnly	< 1 year	Female	1950-2019	Years	3

Infant Mortality

Life expectancy data can be pulled from two different sources depending on the series. You can download the data by age group.

Variable	Age	Sex	Year	Decimal Places	Source
InfMortRateIHME	Summation of neonatal, 1-5 month, and 6-11 month	Both	1950-2019	4	https://ghdx.healthdata.org/record/ihme-data/global-burden-disease-study-2019-gbd-2019-under-5-mortality-detailed-age-groups-1950-2019
Under5MortRateIHME	Under 5	Both	1950-2019	4	https://ghdx.healthdata.org/record/ihme-data/gbd-2019-mortality-estimates-1950-2019

Note: InfMortRateIHME must be manually added together, the data can only be downloaded by separate age groups.

Tables in IFs.db

HealthDetailedDeathsCtry

Detailed instruction on pulling number of deaths for IFs death categories can be found [here](#).

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