IHME Institute for Health Metrics and Evaluation Population

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Summary

The IHME dataset is from the GBD Results Tool, which is provided by the Institute for Health Metrics and Evaluation (IHME). IHME is an independent global health research center at the University of Washington. IHME gathers and provides many types of health-related data. Such as administrative data, census, demographic surveillance, disease registry, environmental monitoring, etc. The Global Burden of Disease (GBD) is a tool that provides a comprehensive picture of mortality and disability across countries, time, age, and sex. It quantifies health loss from hundreds of diseases, injuries, and risk factors worldwide. Because it's pulled from a free data source, it's imperative that the puller pay attention to the year of release, who the source uploader is, and what diseases cause death. These points are significant in ensuring that the calculation for the output of each country is accurate. GBD research incorporates both the prevalence of a given disease or risk factor and the relative harm it causes. The GBD is regularly updated with new data.

In particular, the data team uses this dataset in order to calculate for a couple indicators:

- GBD Estimate

- Measure

- Metric

- Cause

- Location

- Age

- Sex

- Year

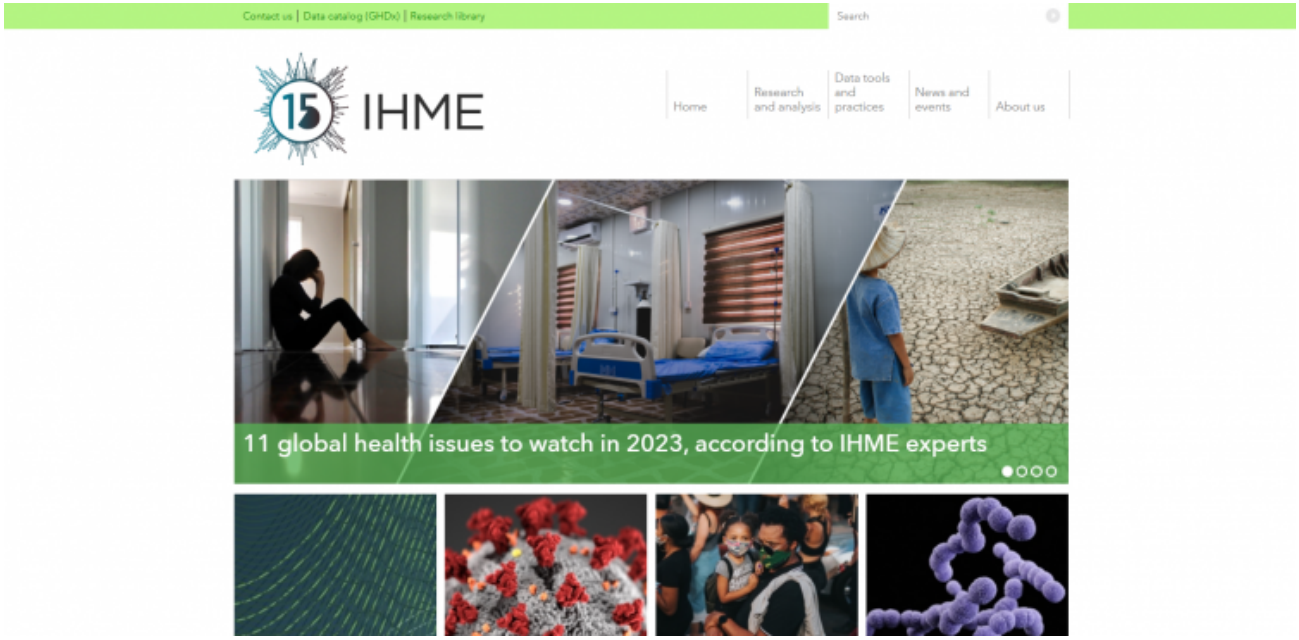
By using these indicators, we calculate the death count of each cause of each gender group of a country across multiple age groups.

To pull data into IFs, please follow the instructions found in the Data Pull instructions below.

Tables In IFs

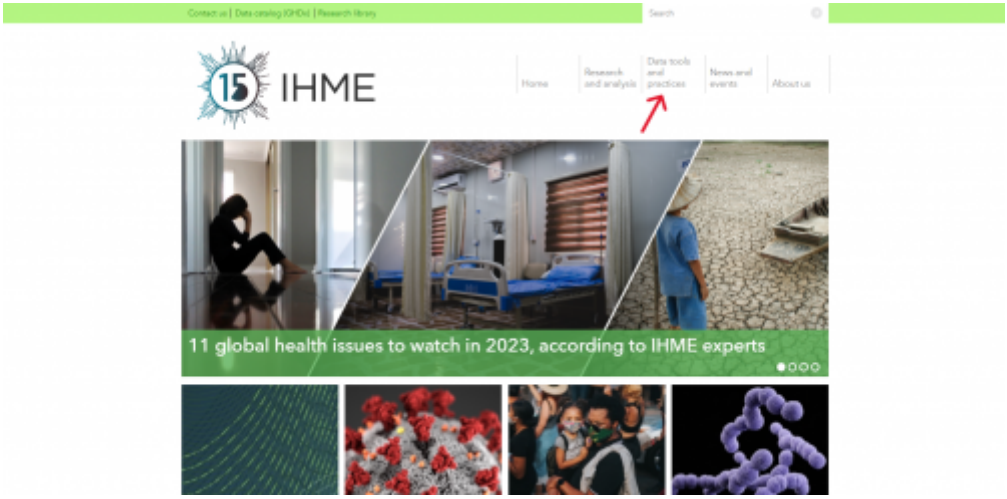
Data Pulling Instructions

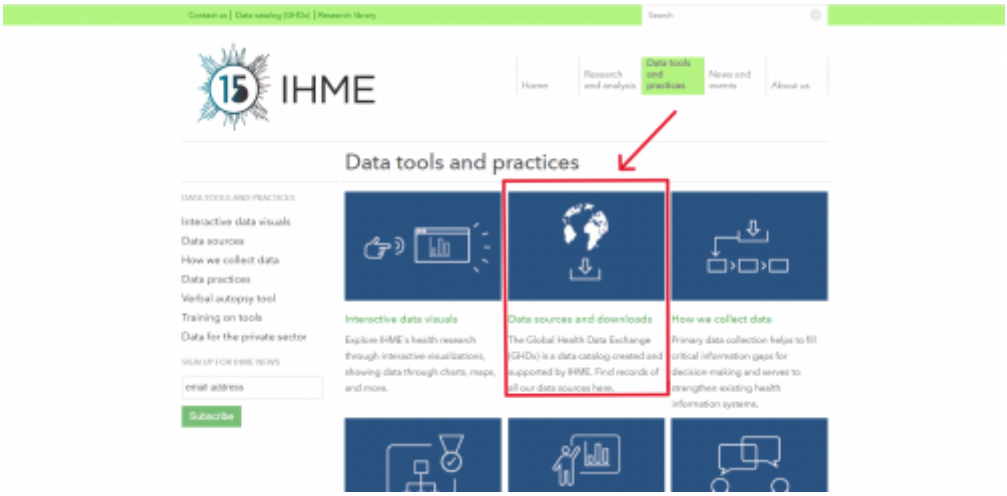
Step 1.) To pull from IHME, first navigate to https://www.healthdata.org/



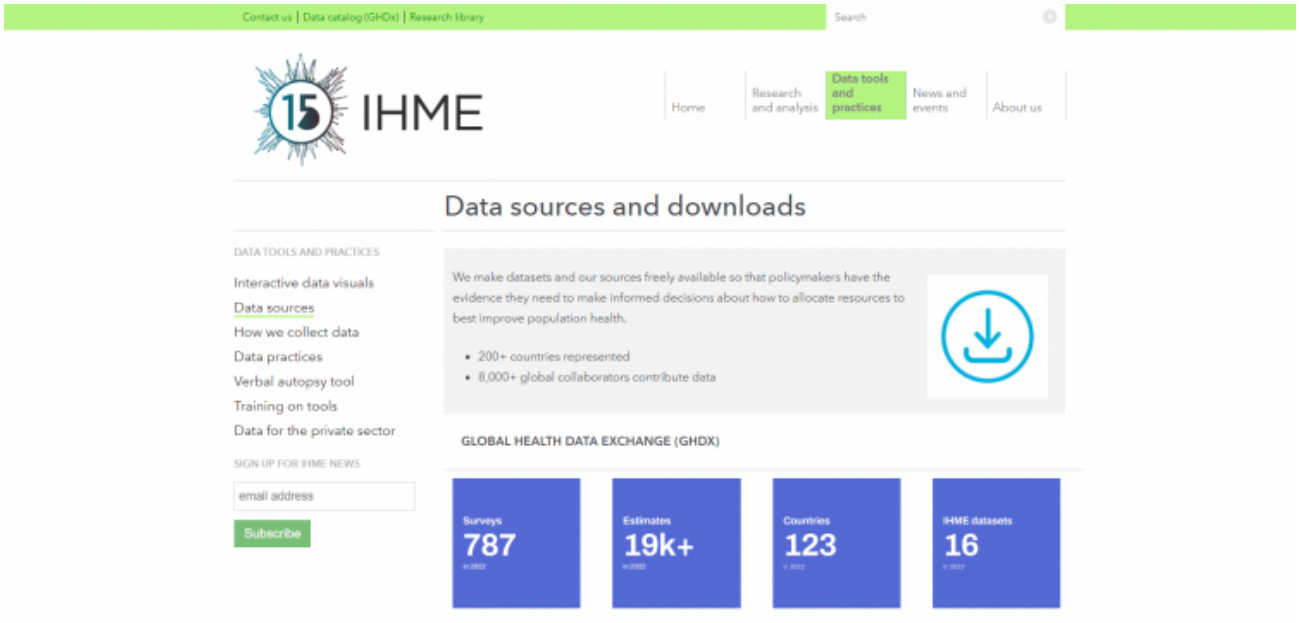
IHME Webpage

Step 2.) Click <Data tools and practices> at the top menu. Then, click <Data sources and downloads> will lead to a new page.

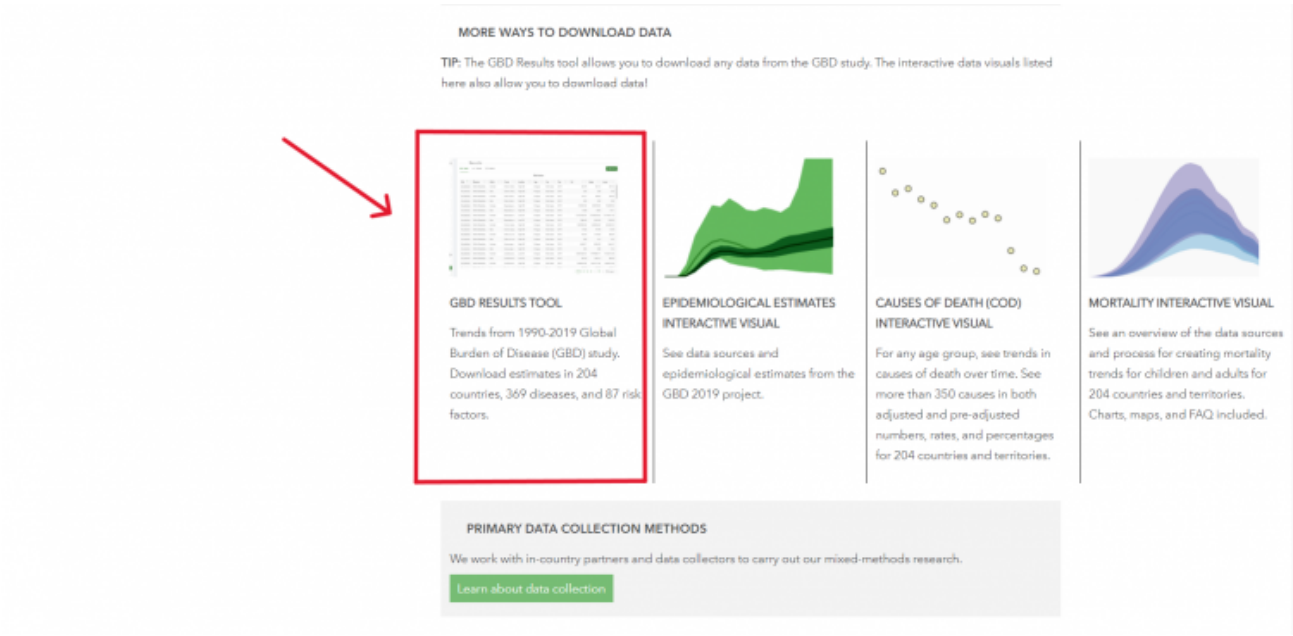




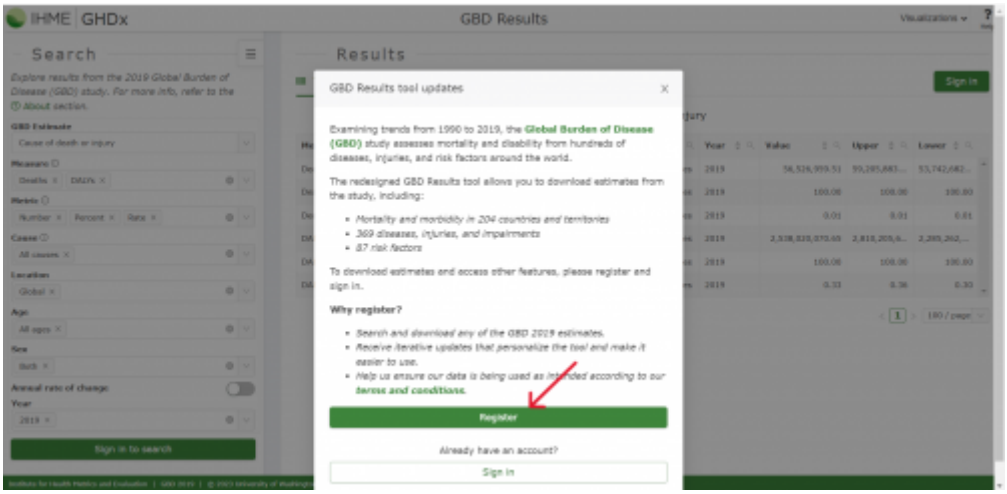
Step 3.) The following page will formulate.



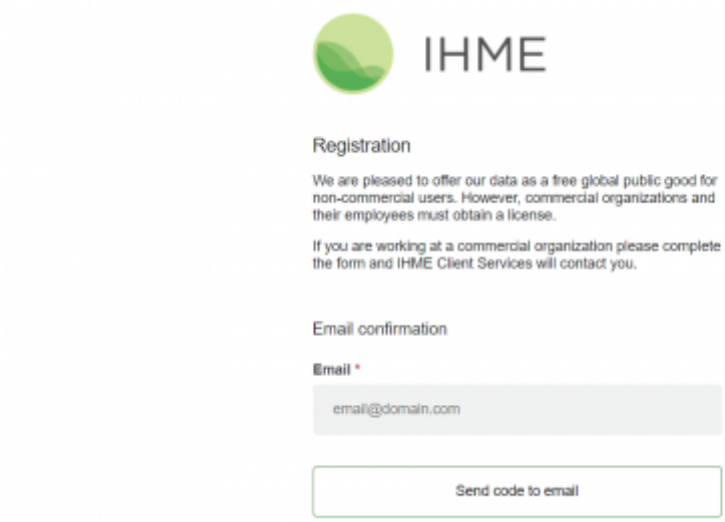
Step 4.) Scroll down and click <GBD RESULTS TOOL>



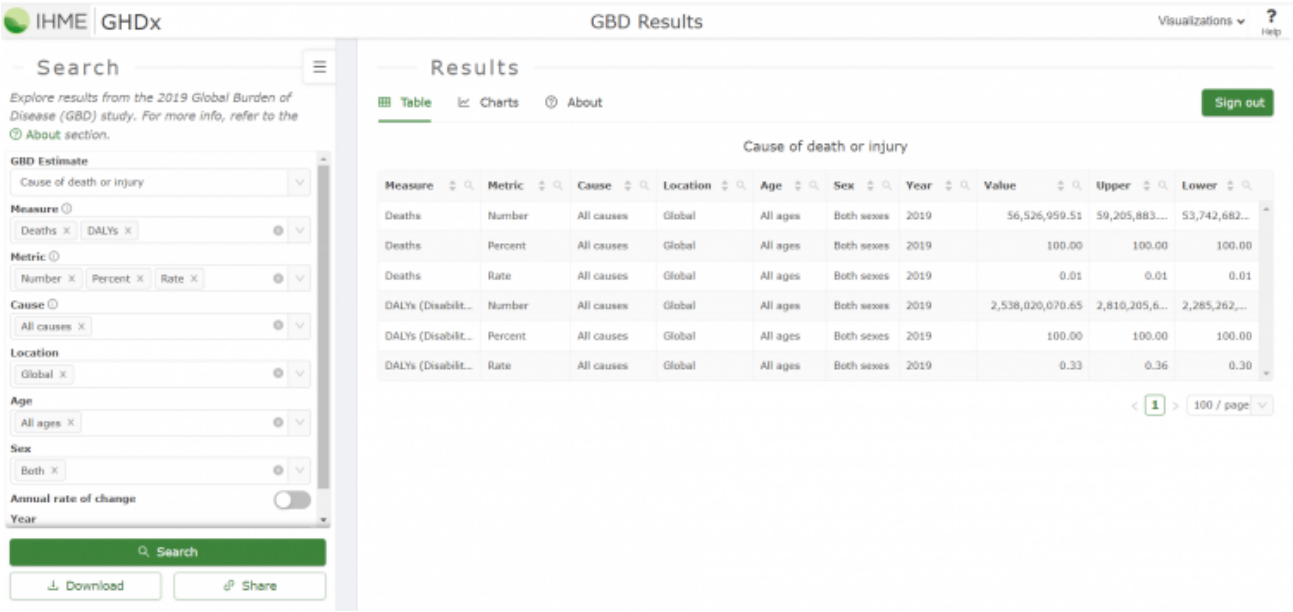
Step 5.) The following page will formulate.



Before pulling IHME data, you need to register for an account to access it. Click "Register" and the following page will formulate.



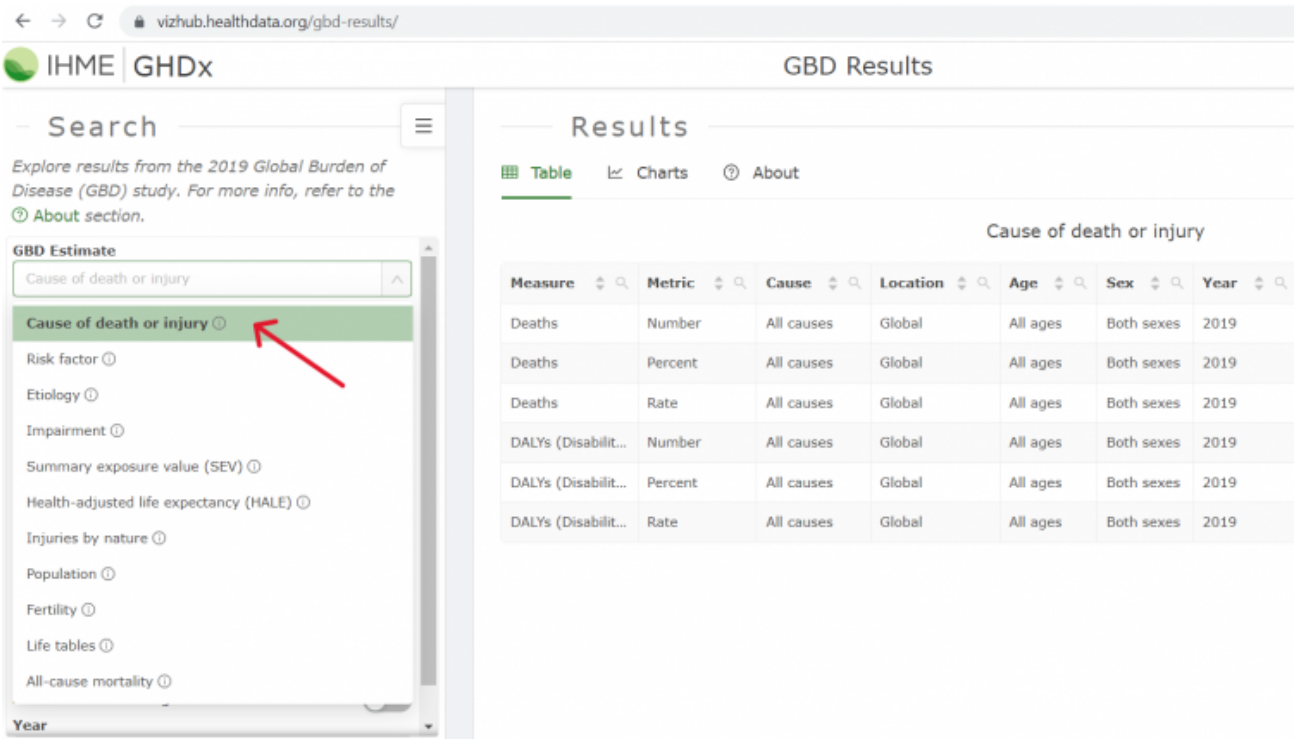
After finishing the registration and signing in to your account. The main page will formulate.



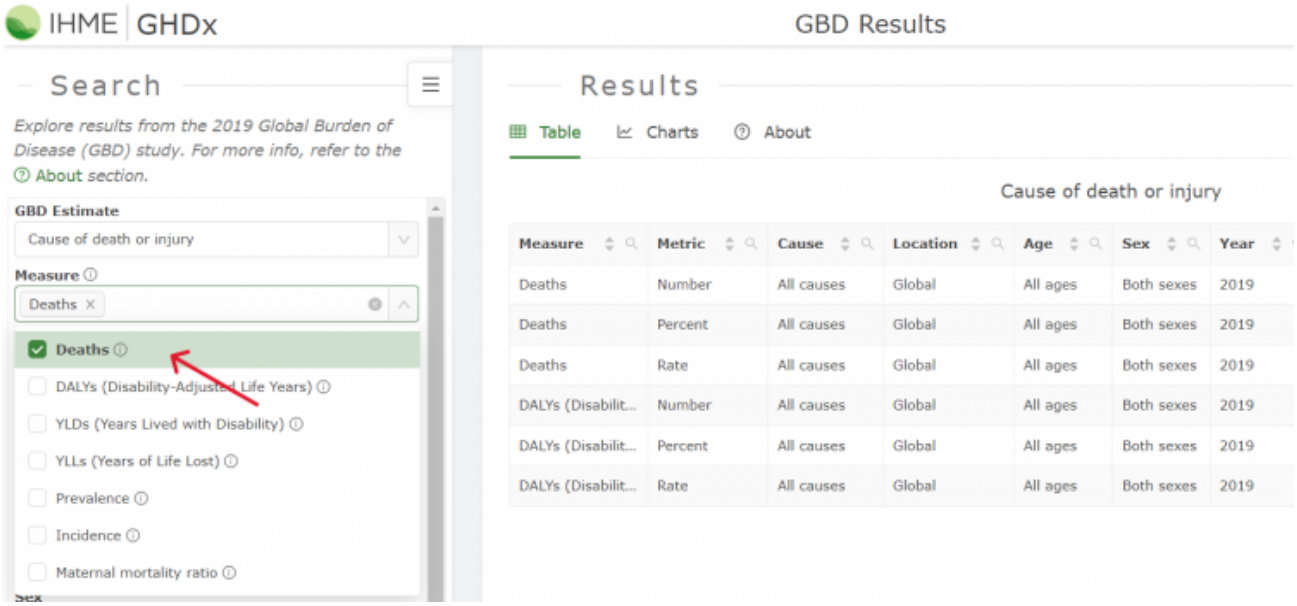
GBD Results Page

Data Pulling Instructions: SeriesInfMortRateIHME

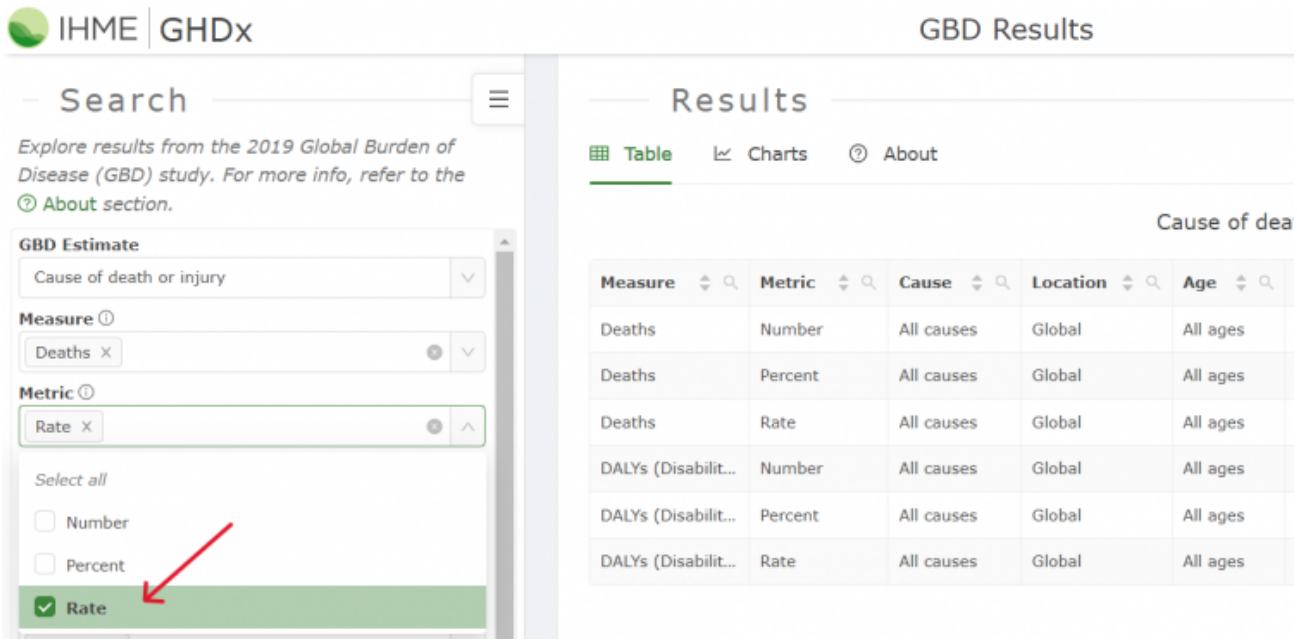
Step 6.) Click the arrow below the indicator <GBD Estimate> on the left side. You will then have the option to click "Cause of Death or Injury", "Risk Factor", "Etiology", etc. To narrow down the indicator, select the options you are looking for. As an example, click the option (e.g., "Cause of Death or Injury") of GBD Estimate and the table will formulate on the right side.



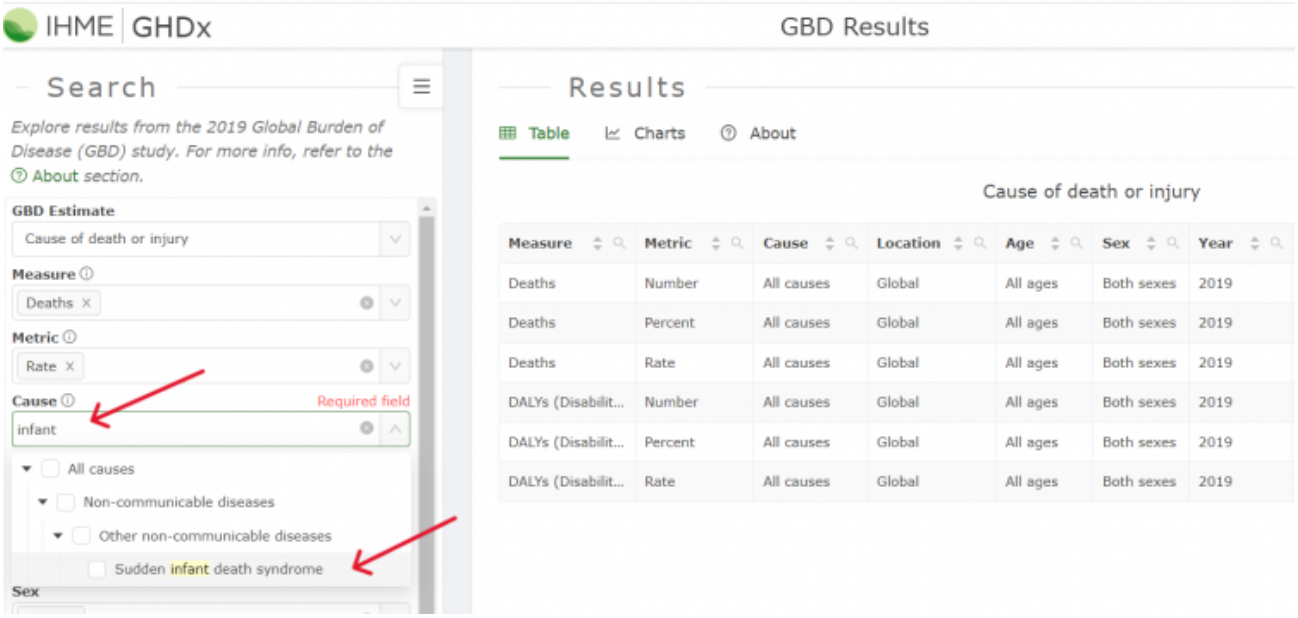
Step 7.) To adjust the indicator <Measure> you are pulling, click the arrow below the indicator <Measure> on the left side. You will then have multiple options to choose. As an example, click the option "Deaths".



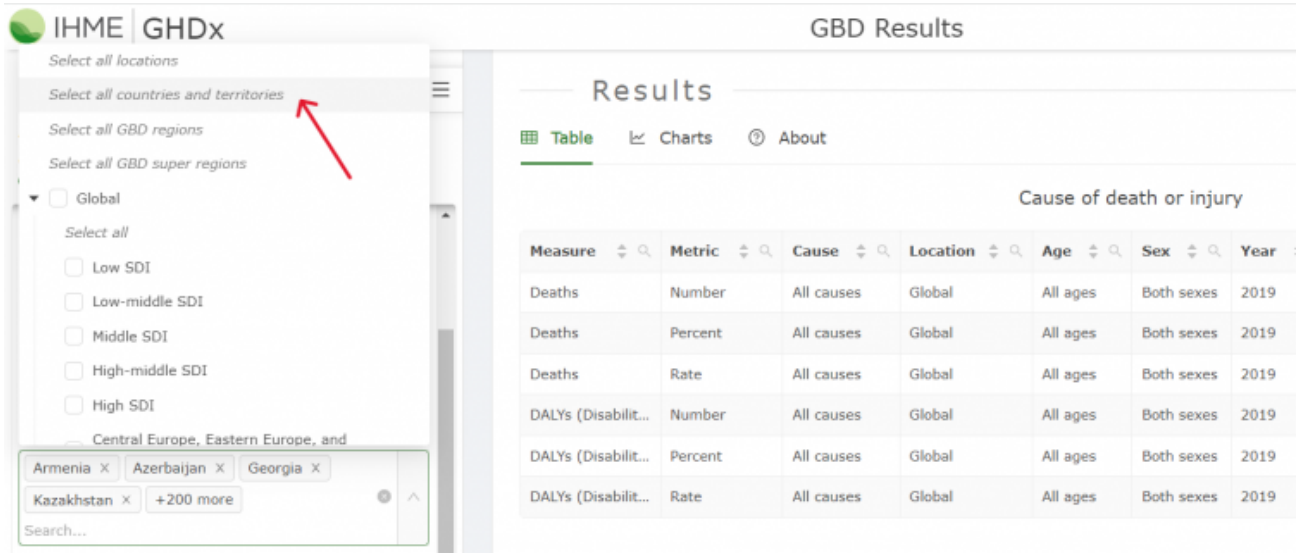
Step 8.) To adjust the indicator <Metric>, click the arrow below the indicator <Metric> on the left side. You will then have multiple options to choose. As an example, click the option "Rate".



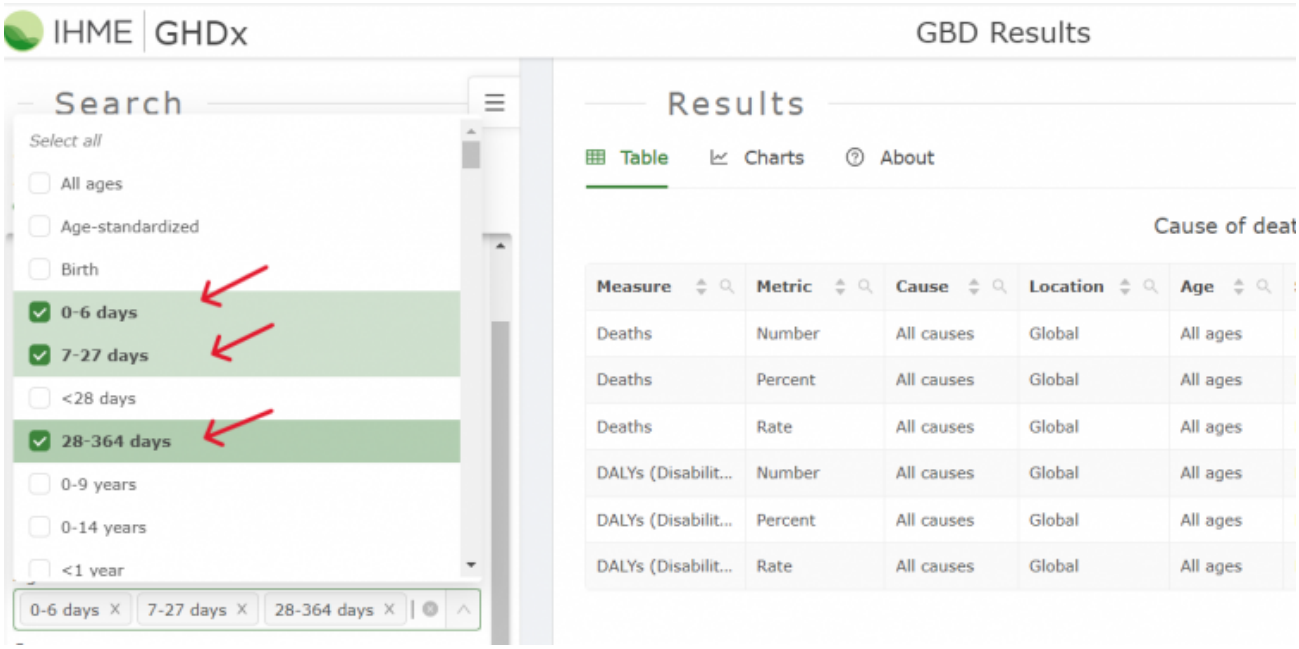
Step 9.) To adjust the indicator <Cause>, type in "infant" in the box below the <Cause> option. Then, you will have multiple options to choose from. Click the option "Sudden infant death syndrome".



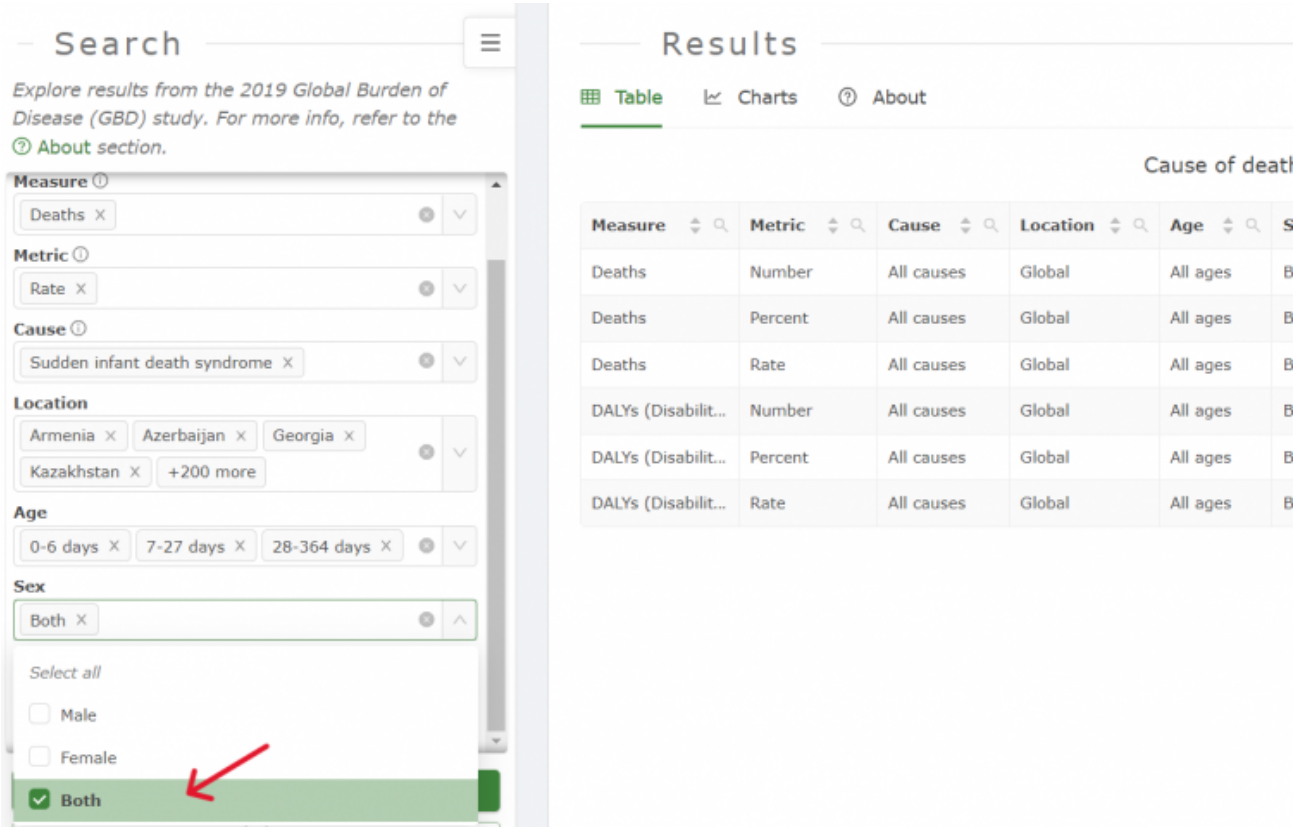
Step 10.) To adjust the indicator <Location>, click the arrow below the indicator <Location> on the left side. You will then have multiple options to choose. Click the option "Select all countries and territories".



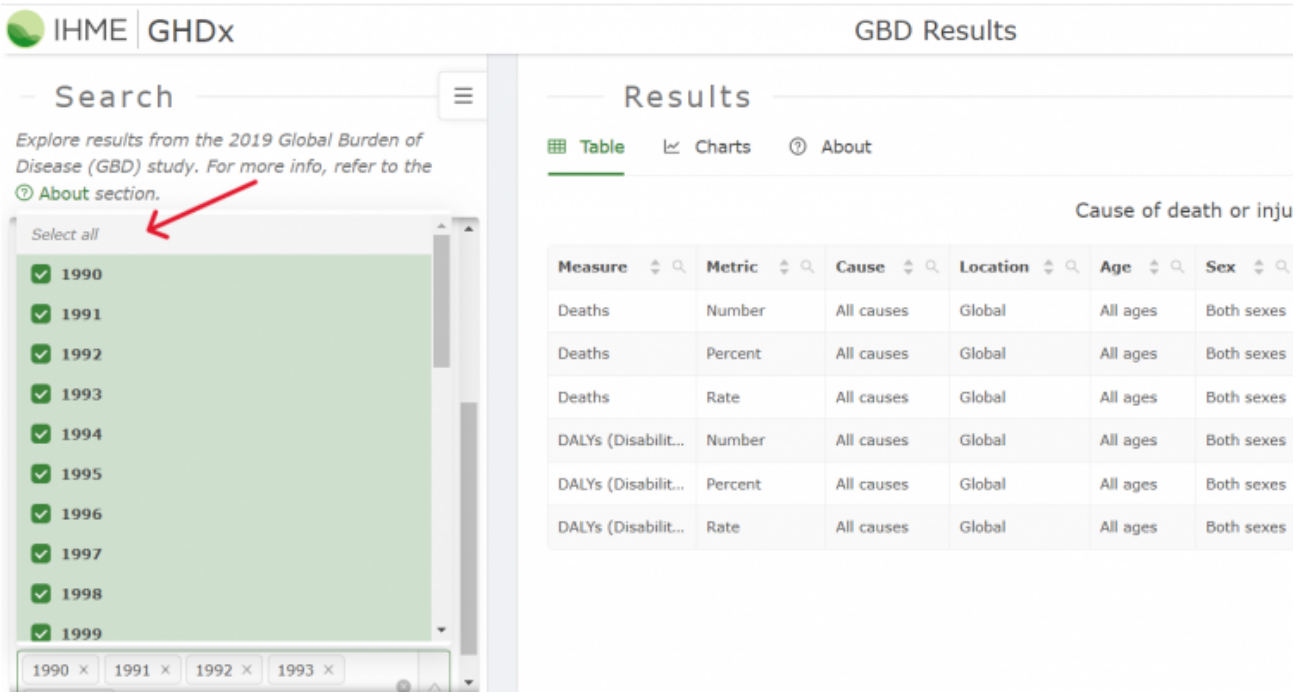
Step 11.) To adjust the indicator <Age>, click the arrow below the indicator <Age> on the left side. You will then have multiple options to choose from. Then, select three options: "0-6 days", "7-27 days", and "28-364 days".



Step 12.) To adjust the indicator <Sex>, click the arrow below the indicator <Sex> on the left side. You will then have three options to choose from. Click the last option "Both".

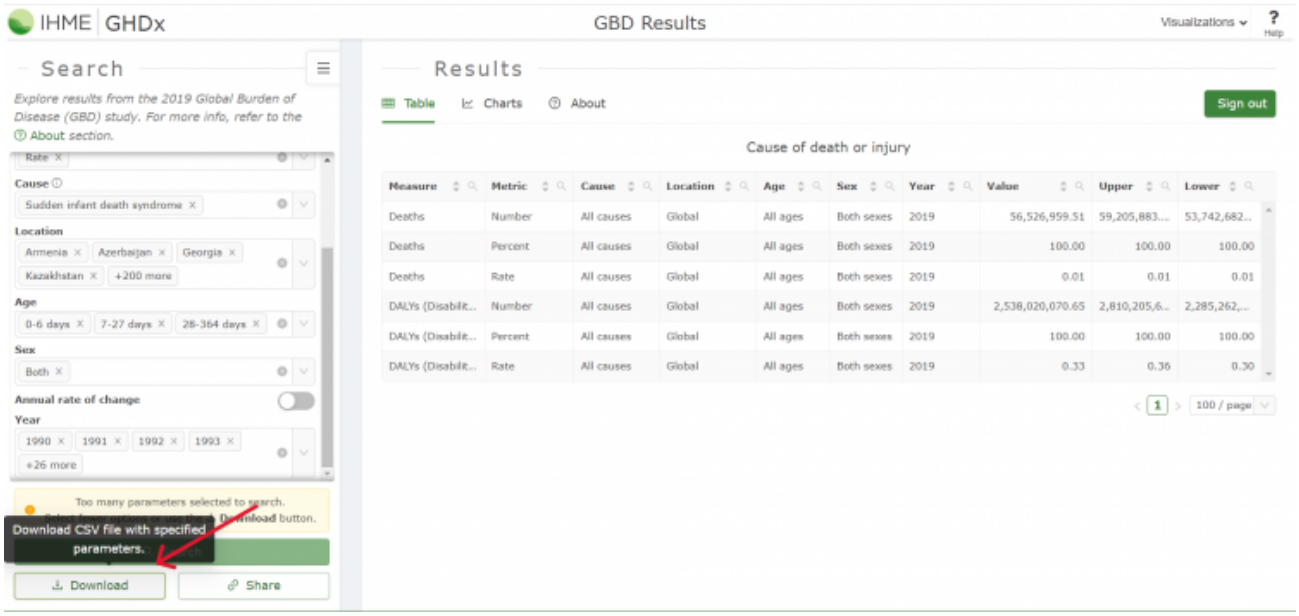


Step 13.) To adjust the indicator <Year> you are pulling, click the arrow below the indicator <Year> on the left side. You will then have multiple options to choose from. Click the option "Select all" will select all years' records.

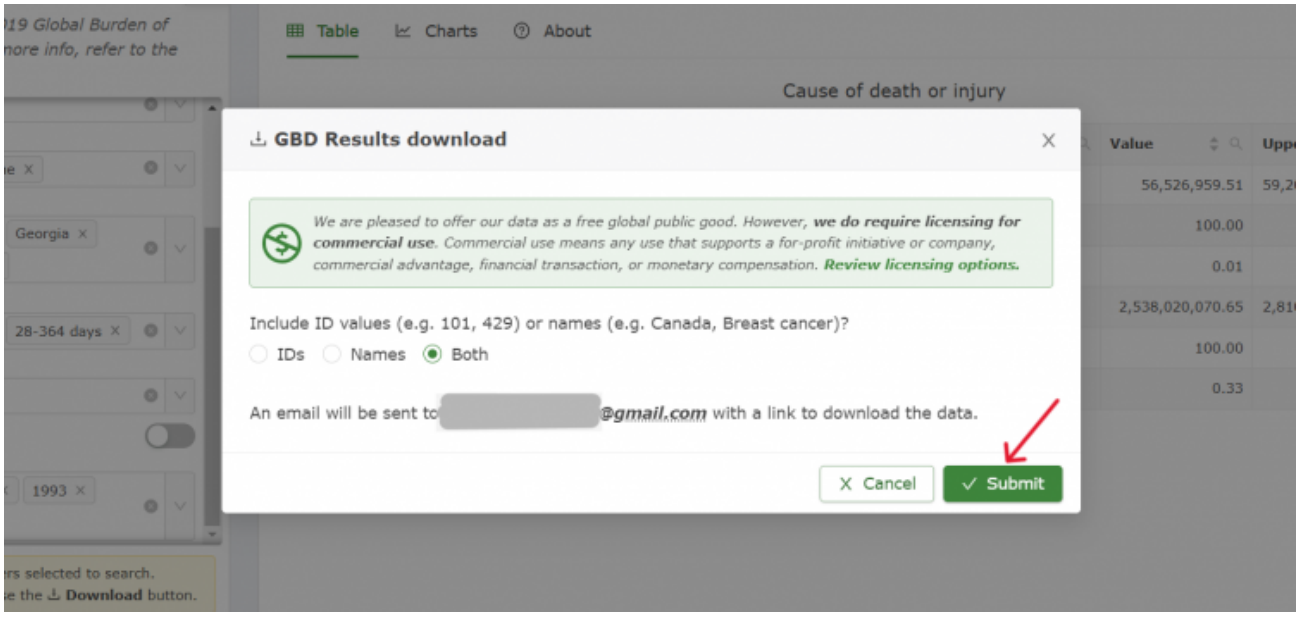


Step 14.) To download all CSV files with those specified parameters, click <Download>

in the left bottom corner.



Step 15.) The following page will formulate. Next, you will have three included options: "IDs", "Names" and "Both". As an example, select "Both" and click "Submit".



Step 16.) After system processing, you will receive a notification email and a link to access all pulled files through the registered email account. Clicking that link, a new webpage will formulate as below:

Data Notes

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