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The Data Explorer is an online tool that allows you to design your own charts for tuberculosis related data. Access it by using the dropdown menu from any page on the website. You can navigate to the landing page or directly to each section listed here in the menu. The Data Explorer is framed around USAID's performance-based monitoring and evaluation framework, or PBMEF, and includes data from WHO's global TB database and a Stop TB partnership. The landing page provides you with background on how to use the functionality of the Data Explorer and to frame the questions you are trying to answer. There is a definition search feature at the bottom of each of the sections. From here, you can look up the definition of a specific variable or a list of variables by category using the dropdown menus you see here. The site is based on PBMEF indicators, which are calculated using variables defined and collected by the WHO. To learn more about the naming conventions and which WHO variables are related to which indicators, you can reference the PBMEF resources, which are linked beneath the PBMEF overview video.

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The Data Explorer includes three sections, which are accessible from the main page or on the menu. Starting with the indicator comparison section, this page houses three chart generators with headings that describe their functions. Now we will quickly show you how the first chart generator allows you to plot multiple PBMEF indicators in a single country over time. Optionally, you can create your own descriptive title when generating a chart. As with all the indicator fields, there is an auto complete function to help guide you when selecting an indicator. Further narrow your search by selecting a country, then use the slider to choose a range of years. Clicking apply will then generate your chart. As you can see below the chart, the definitions of the indicators that were selected are displayed for your convenience. Given that you can select numerous indicators for these charts, there is a button to hide the definitions if needed. This also helps to display a cleaner version for downloading or printing, which you can enable by clicking the three bars in the top right of each chart.

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For the sake of time, we have already created charts for the next two generators on this page. The second chart generator in this section allows you to plot multiple indicators in multiple countries within a single year. The third chart generator allows you to plot multiple indicators over time, but the values are aggregated from all USAID TB priority countries. In this example, we are showing how the Data Explorer can display countries achievements compared to the UNHLM targets. The next section we will cover is the geographical comparison. This will allow you to create tables or graphs that display how the values of an indicator compare between different countries or regions over time. You can select the indicator you wish to compare, along with countries or regions and the years you want to include.

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While in chart mode, you can also change the chart type. As you can see in the resulting chart, you also have the ability to change the display to a table format and to download it as a CSV file. To wrap up, we will look at the quick access section, which allows you to generate your own tables. What makes this section unique is that it allows you to select multiple indicators, countries, and years in the same query, something not possible in a chart. To build a data table here, select your preferred indicator or indicators, then one or multiple countries or one or more regions. After that, use the slider to select which years to display and hit apply to display the table. Once the table has been generated, you can also download it. In addition to the Data Explorer, be sure to explore other areas of the Data Hub, such as the PBMEF section, country and summary dashboards, as well as dashboards covering topics such as

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COVID-19 and drug-resistant TB. Please feel free to contact us with any questions at the email address provided.