

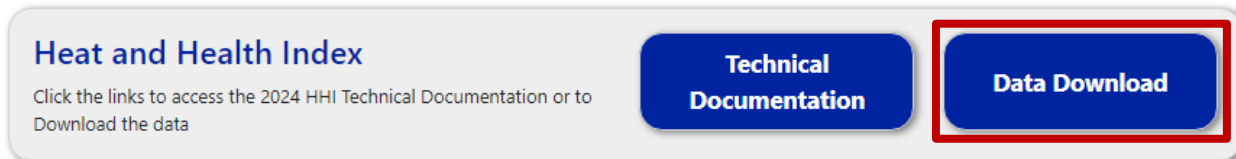
How to Filter The Heat & Health Index



This document provides a step-by-step introduction on how to download and filter the Heat & Health Index (HHI) data to view communities ranked in the top 10% nationwide (e.g., communities highly vulnerable to the impacts of heat). It also includes information on how to apply additional filters to the HHI data in order to view information for a particular state or ZIP code (i.e., ZIP Code Tabulation Area).

Downloading the HHI Data

1. To download the HHI data, scroll down to the **“Data Download”** button on the Heat and Health Index (HHI) webpage. Click the button to download a zip file that contains the HHI data and the HHI Data Dictionary.



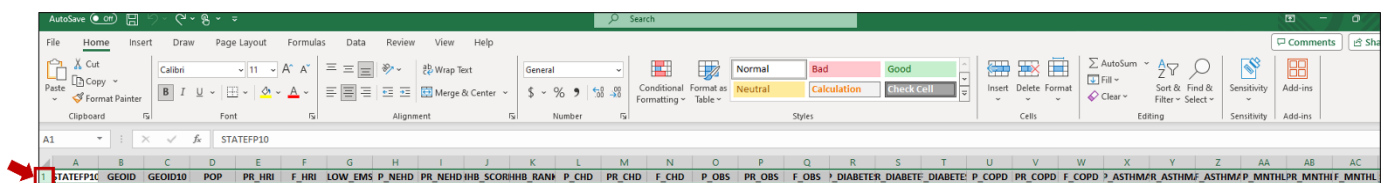
2. Navigate to your computer's Downloads folder and double click the **HHI_Data.zip** folder. In the folder you will find two Excel files: **“HHI Data 2024 United States”** and **“Data Dictionary 2024”**.

The **“HHI Data 2024 United States”** file contains the HHI dataset with all indicators and percentile rankings. The **“Data Dictionary 2024”** contains the HHI data dictionary with information about each variable.

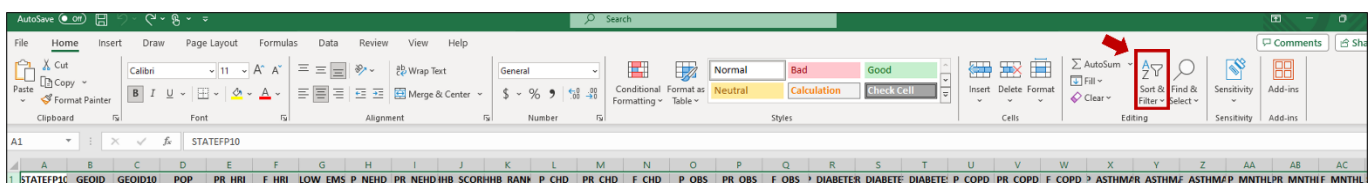
Extract these files from the **HHI_Data.zip** folder by right clicking on the **HHI_Data.zip** folder and selecting **“Extract All”** to save them to your computer.

Apply Filtering to the HHI Data

3. Open the **“HHI Data 2024 United States.xlsx”** file that is saved on your computer
4. Click on the number 1 in the first row (highlighted in the red box) to select and highlight the entire row.



5. Next, under the **Home** tab, navigate to the **Editing** tools, and open the **Sort & Filter** drop down (highlighted in the red box in the image below). Select **Filter** from the list of options. This will allow each column of the dataset to be filtered.

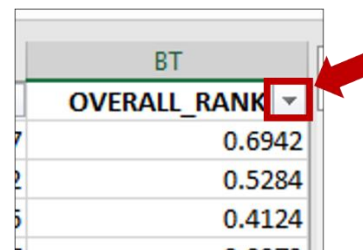


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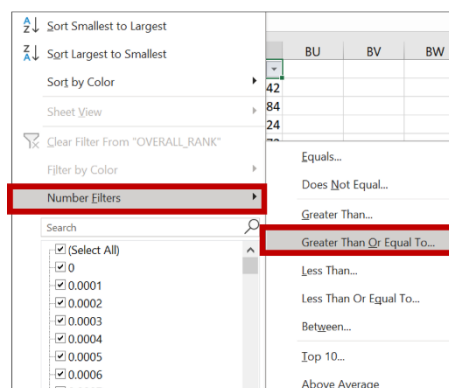


Filter the HHI Data to the Top 10% of Highly Burdened Communities

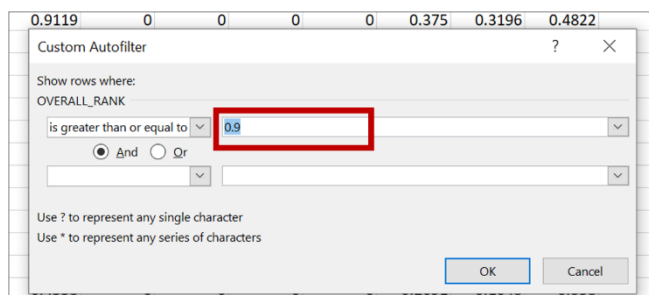
6. To filter the ZIP codes ranked in the top 90th percentile, scroll to the right until you reach the last column of the dataset, named **OVERALL_RANK**. Select the drop-down menu arrow (highlighted in red to the right) to open the filter menu.



7. From the filter menu, select **Number Filters** and select **Greater Than Or Equal To** (highlighted in red to the right).



8. The Custom Autofilter menu will appear. Type **“0.9”** into the text field to filter the **Overall Rank** field to only ZIP codes (i.e., ZCTAs) in the top 10% of the HHI Overall Ranks. Select **OK** to apply the filter.



Apply Additional Filters to the HHI Data

These methods can be repeated for any rank or field of interest. For example, if you are interested in a list of ZCTAs in the top 75th percentile, you could repeat the methods above, substituting 0.75 for 0.9.

The data can also be filtered by state. First, select the drop down next to the State Name (**STATE**) or State Abbreviation (**STATE_ABV**) field, then select the state you are interested in. Once you have checked the box next to the state of interest, select **OK** to apply the filter and view the rows for your selected state.

Please note: Some ZCTAs cross state boundaries (n=~100). In the downloaded dataset, these ZCTAs are listed twice, once for each state that they are in. When using the data nationally, it is recommended that duplicate values are deleted.

For additional information on the HHI, please see the [HHI Technical Documentation](#).

