Module 7: Data Analysis

Downloading EDDE Data

- If you want to explore the data from the EDDE's Community Data view more deeply or want to arrange the information in a way that allows you to compare between geographic levels or community districts, then you have the option to download the data tables as Microsoft Excel worksheets.
- To do this, you first want to confirm the geography that you want data for. After selecting your community district, click on any of the five data categories on the left pane and you'll return to the data table view.
- On the top right, you'll see a button that says **"Download data".** A pop-up box will open on your screen that lists all of the geographic levels of data that will be downloaded from the EDDE.
- If you select a community district, the geographic levels in this data set download will include the community district (which is identified by its PUMA number and name) and it will include the data for the borough that the CD is in (in this case Queens) and the citywide data. Data will download at the level you select as well as the larger geographies.
- **Click "Download data" and then select "Data set (.xls)"** which will allow you to download a zipped folder of three separate Excel worksheets for the three geographic levels of data.

Looking at Downloaded EDDE Data

- The worksheets are named with the PUMA number for the community district, the borough abbreviation for the borough, and "citywide" for the city data.
- When you open the community district data set, you'll see that there are five tabs at the bottom that correspond to the five data categories found in the Community Data table view.
- Once you scroll down on this first tab for Demographic Conditions, you'll see tables that are almost identical to the tables in the EDDE with the inclusion of the reliability data that we saw earlier. **However, a key difference is that these tables also have columns that show the change in data between the oldest and most recent time periods from when data was captured.This produces a picture of change over time that may inform the narrative that you build about the growth, loss, or changes within a specific area**.
- The data for each table is presented for the total population and for the separate racial/ethnic identities all on the same page. So, it is easier to see the data by race side-by-side than you can when on the EDDE site.

- The only tab that does not have data showing change over time or data by race is the Housing Production tab because it is not measuring population and only uses data from one point in time.
- **The format for the data in this community district worksheet is the same within the borough and citywide datasets too.**

Downloading DRI Data
- If you want to download the data from the Displacement Risk Map, you can follow very similar steps to those in the Community Data view. This time, you can find the **"Download data"** button on the top of the left pane as you have your neighborhood selected.
- Once you click that button, a pop-up box will appear that will prompt you to download data for all the NTAs or neighborhoods on the map. This means that no matter what neighborhood you select, you will only be able to download a Microsoft Excel worksheet that contains data for all NYC neighborhoods.
- Click the "Download data" button in the box and you'll get a Microsoft Excel worksheet that includes neighborhood names, NTA numbers, displacement risk levels, data factor risk levels, and all the data points that were listed on the EDDE for every neighborhood.

Looking at Downloaded DRI Data
- The worksheet includes reliability data in the form of margin of error measurements as well as specific quantitative data for some data points that were only indicated with text phrases in the EDDE.
- The worksheet also differs from the data downloaded from Community Data view because it has a tab labeled "DRI_DataDictionary" that provides the data types, data sources, measurement systems, and descriptions for key terms and data points within the Displacement Risk Map data tables.

Note on Community Profile
- Since the recording of these video modules, the **Community Profile** option has become available to download from the Community Data view. The Community Profile provides you with data visualizations (graphs), data tables, and a map of the specific area you chose. This is the same information that shows up in the Racial Equity Reports, which we discuss in the final module.
- We suggest downloading the Community Profile as it provides ways of reading the data about your community with some helpful visuals and gives you a viewpoint of how someone who is submitting a land use application would present data about your community.