

Data Stories



Engage

We will start our data story by listening to an episode of the *Stats + Stories* podcast, [“The Women of Hull House.”](#) In this episode, Sharon Lohr describes how Florence Kelly and Agnes Sinclair Holbrook collected data and created visualizations to show the unequal distribution of wealth in 1890s Chicago. The book, [Hull-House Maps and Papers: A Presentation of Nationalities and Wages in a Congested District of Chicago, Together with Comments and Essays on Problems Growing Out of the Social Conditions](#), published in 1895, stands out in the history of statistics because of the amazing visualizations it contained.

Explore

The first exploration will be guided by *People Count! (And Their Data Stories)* using data from the [International Data Base \(IDB\)](#), a resource provided by the US Census Bureau. In this activity, students will use data from the IDB to investigate changes in population over time. The [exploration](#) is described in an article in *Statistics Teacher*.

Our second exploration will use the Common Online Data Analysis Platform (CODAP) to explore data from the American Community Survey (ACS). This [portal](#) retrieves a random sample from the ACS. Here’s an [example activity](#).

The final exploration will use [Census at Schools](#) and [inZight](#) to create a data story. The [background](#) for this exploration is described in *Statistics Teacher*. We will start with a [2 Min Stats video](#) on random sampling from Labor Labs.



You will find [more lesson plans](#) in *Statistics Teacher*. Celebrate Mathematics and Statistics Awareness Month by telling your data story!