

Data Analysis Module I

Part 1: Introductory Exercise

Learning Objectives

After using this module, students will gain skills in:

- Using software to access and analyze census data
- Learning how to construct, read, and interpret bivariate tables displaying frequencies and percentages

Instructions:

1. Go to <http://www.ssdan.net/datacounts/data/>
2. From there, click “Browse” on the left sidebar. Find “**cen1990**” in the drop-down box and select it.
3. Scroll down through the list of data sets until you find **educimm9.dat**. Highlight and click “submit.” This will bring up the data set in the WebCHIP program and it is ready for analysis. Guidelines for running the analysis are found further below.
4. You can also click [here](#) to launch the dataset in WebCHIP.

1990 Persons Age 25+, wgted 5% PUMS, Frey/U-Mich for SSDAN - not for commercial purposes.

RaceLat	Gender	Age	Imm	Educ
6	2	5	4	7

N = 158511248

The output provides information about the data set you have opened. This data set (educimm9.dat) contains 1990 data on the U.S. population. The data set includes five variables – RaceLat (racial and ethnic status in six categories), Gender, Age (five categories), Imm (immigration status over time in four categories), Educ (in seven categories).

3. Click to get the marginal frequencies for all the variables contained in the file – i.e., the percentage of the U.S. population that fall into each of the five variables.
4. Answer the following questions. In 1990, what percentage of the U.S. population
 - a. . . . was Black?
 - b. . . . was **NOT** non-Latino White (NLWhite)?
 - c. . . . had less than a high school degree?
 - d. . . . was a college graduate?
 - e. . . . was not born(FB = foreign born) in the United States?