

This module is updated based on one created by Susanne Morgan of Ithaca College to include more recent data and for ease of use with WebCHIP 4.0.

Homework Assignment

The Value of a College Education

This assignment uses WebCHIP 4.0 and the **Work-25** data set in the **acs2008** collection.

To load the dataset:

1. Go to <https://ssdan.net/datacounts/webchip>
2. In collections find **acs2008** in the drop-down box and select it.
3. In data sets find **Work-25** and select it

Then make tables using these steps:

- Creating a *Marginals* table to see the variables and total percentages.
- Creating a percent across crosstab with EDUC as the first variable (the first selected goes in the rows) and EARNING as the second variable (for the columns.)

See what you can discover in the tables.

Before beginning to create the graphs, be sure to be clear about the statements you want to make. The form is "Of all the, % are " where the ad refers to the variable in which you have percentages, the variable in which all the percentages add up to about 100%.

Make a bar graph of Earnings by Education, contrasting the percentages of people earning less than 25K and over 50K in each education group. Use a pencil and indicate the percentage of each in the appropriate bar. Label the graph appropriately, indicating the variables, the sample, and the source.

Write a short paragraph describing what you have learned about the value of a college education. Make general statements, and illustrate them with examples from the tables or from your graph. (note: graph on next page says less than 15K use less than 25K)

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Earnings by Education

