**Descriptive Statistics Lab - Completed in Class Only – No Assignment to Submit**

**ScWk 242 Spring 2013**

***Information about the National Survey of Substance Abuse Treatment Services:***

<http://www.icpsr.umich.edu/icpsrweb/SAMHDA/studies/34539>

**From the website:**

Principal Investigator(s): United States Department of Health and Human Services. Substance Abuse and Mental Health Services Administration. Center for Behavioral Health Statistics and Quality

**Summary:** The National Survey of Substance Abuse Treatment Services (N-SSATS) is designed to collect information from all facilities in the United States, both public and private, that provide substance abuse treatment.

**Methodology**

**Sample:**   The Inventory of Substance Abuse Treatment Services (I-SATS) provides the sampling frame for N-SSATS. Two categories of treatment facilities in I-SATS may be distinguished. The largest group of facilities includes those that are licensed, certified, or otherwise approved by the state substance abuse agency to provide substance abuse treatment. The second group represents the SAMHSA effort in recent years to make I-SATS as comprehensive as possible by including treatment facilities that state substance abuse agencies, for a variety of reasons, do not license or certify. Many of these facilities are private, for-profit, small group practices, or hospital-based programs.

**Mode of Data Collection**: computer-assisted telephone interview (CATI), mail questionnaire, telephone interview, web-based survey

**Response Rates**: There were 17,376 facilities in the survey universe. Of these facilities, 12 percent were found to be ineligible for the survey because they had closed or did not provide substance abuse treatment or detoxification on March 31, 2011. Of the remaining 15,222 facilities, 14,302 facilities (94 percent) completed the survey and 13,720 (90 percent) were eligible for this report. The percentage of respondents who completed the survey via the mail was 8.4 percent, while 12.3 percent completed the survey via telephone, and 79.3 percent completed the survey using a Web-based questionnaire.

***Class Exercise***: Generate descriptive statistics on the following variables contained within these questions

Using SPSS create tables to present the data from this dataset – choose the SPSS option:

[**http://www.icpsr.umich.edu/icpsrweb/SAMHDA/studies/34539**](http://www.icpsr.umich.edu/icpsrweb/SAMHDA/studies/34539)

Which of the following substance abuse services are offered by this facility at this location, that is, the location listed on the front cover? MARK “YES” OR “NO” FOR EACH

YES NO

1. Intake, assessment, or referral .......... 1  0 

2. Detoxification .................................... 1  0 

3. Substance abuse treatment

(services that focus on initiating

and maintaining an individual’s

recovery from substance abuse

and on averting relapse) ....................... 1  0 

4. Any other substance abuse

services .............................................. .. 1  0 

This question is represented by four variables:

OTHNONTX

DETOX

TREATMT

ADMIN

To generate the frequencies and percentages for these variables: Closely examine the four variables above by clicking on the variable names on the Variable View chart and looking at how the researchers assigned the labels and values for each. Also examine how the researchers assigned the respective type of measure used.

Follow the same process for this variable

5. Is this facility operated by . . . MARK ONE ONLY:

1  A private for-profit organization

2  A private non-profit organization

3  State government

4  Local, county, or community government

5  Tribal government

6  Federal Government

This question is represented by one variable: **OWNERSHP**

Generate a frequency table for this item, and separately generate a bar chart and pie chart.

Follow the same process for this question, represented by this variable name: **FEDOWN:**

Generate frequencies for this item and identify the most common responses.

Generate a frequency table, bar chart, and pie chart for this this variable.

Use the remaining time in class to practice examining descriptive statistics for other items, and in creating frequency tables, bar graphs, and pie charts.

For the 5t variable on the list: URB2006 (NCHS 1990…), calculate both the frequency tables and indicators of central tendency – including means, medians, modes and standard deviation.