

## Term Paper

Find and download the National Survey on Drug Use and Health (NSDUH) Data and write a paper with your own research topic based on the available information in NSDUH data. The data is stored in Substance Abuse and Mental Health Data Archive (SAMHDA). Some related web pages:

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

<https://nsduhweb.rti.org/>

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

Link to published articles that used the data:

<http://www.icpsr.umich.edu/icpsrweb/SAMHDA/biblio/series/64/resources?sortBy=5>

Your paper must include some form of regression analysis. Reading some published articles related to this data base may help you in finding a research question. It is alright to reproduce the analysis from a published research article using new data. You can use the followings are examples:

- Is there a change in the trend of drug use of a particular illicit drug between year 2000 and year 2009?
- Is Pain Reliever a gateway drug for the use of illicit drug other than alcohol, cigarette, and marijuana (or any specific illicit drug)? A reference article: <http://faculty.kent.edu/kding/associate/article7.pdf>
- Depression and Substance Abuse and Dependency in Relation to Current Smoking Status and Frequency of Smoking among Nondaily and Daily Smokers: <http://onlinelibrary.wiley.com/doi/10.1111/j.1521-0391.2013.12041.x/pdf>

If you wish, you can choose a database that you prefer to do this project. Feel free see me about your data. The following URL contains a list of possible places to find data:

<http://people.ysu.edu/~gchang/class/linkstat.htm>

[An SPSS Syntax example file](#) for data processing:

(<http://people.ysu.edu/~gchang/class/s5817/A/GetSubData06-07.sps>)

This assignment involves two submissions to Blackboard.

- **Descriptive Statistics and Proposal** (Due Monday of the first week of November)  
You need to describe what you plan to do for this research paper. You need to also generate some basic descriptive statistics in tables or charts for reader to have a general understanding of the variables. This should be all in one file.
- **Final paper** (Due 11:00 pm on Scheduled Final Exam day)  
For this paper, please use the format of the articles with statistical analysis in the journal of APHA with an abstract and few sections to descriptive your research analysis result. Check the free sample issue of the journal online: <http://ajph.aphapublications.org/>

Please feel free to discuss with me in or out of our class about possible topics for your paper.