Read ME

This data archive includes two STATA .do files that produce tables from the final analyses, six STATA data sets that are used in the analyses and the four STATA .do files that create variables used in the paper and one STATA .log file to verify means and variable definitions from the archived data.

I. **PROGRAMS FOR FINAL ANALYSES:** There are two programs to create output included in the main paper and the online appendix tables.

main tables.do

This program runs analyses for all of the tables in the main body of the paper using data from the CPS, FARS, BRFSS, YRBS, and population and control variables from various sources. All data to run this program are provided in the data archive with the exception of the YRBS data that requires permission described below.

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online appendix tables.do

This program runs analyses for all of the tables in the online appendix available as Supplemental Content. Similar to the main tables above, all data used in this program are provided with the exception of the YRBS data.

II. DATA SETS: Six data sets are provided and each data set is described below. Means and brief variable descriptions are provided are in a separate file called REStat-means.docx.

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controls19912013.dta

Contains control variables for analysis. These data were collected by the authors and the table below indicates the original sources for these data.

Minimum wage	U.S. Department of Labor & Tax Policy Center
Age-specific unemployment rate	Generated using data from the CPS Outgoing Rotation Groups
Per capita income	U.S. Bureau of Economic Analysis
State population	National Cancer Institute's Surveillance Epidemiology and End Results Program
BAC 0.08 BAC laws	Updated from Choi, Anna, Joseph Sabia and Dhaval Dave. "Smoke Gets in Your Eyes: The Effect of Medical Marijuana Laws on Tobacco Use." *American Journal of Health Economics,* Forthcoming.
Beer taxes	Beer Institute

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state_pop_weight.dta

Contains state-level (by year) population data (by age, sex and race).

Original source for these data is the National Cancer Institute's Surveillance Epidemiology and End Results Program at http://seer.cancer.gov/popdata/

BRFSS Clean Coded Dropped.dta

Contains individual-level data from the BRFSS used in the analyses -- code for variable creation is included in file 'BRFSS code.do'

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fars.dta

Contains state-level annual data of crashes involving alcohol-involved teen drivers (ages 16-20). Accident variables are created in the provided .do file '**fars-setup.do**'. This data file also includes the control variables necessary for accident analyses in the paper.

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fars-by-age-final.dta

Analysis of accidents by alternative age groups (16-17, 18, 19-20 and age 26+) and crash timing are included in the paper/appendix. This data files includes state-level annual data of crashes involving alcohol and for daytime, evening, weekend and weekdays. All these accident variables are also created in the provided .do file '**fars-setup.do**'. This data file also includes the control variables necessary for accident analyses in the paper.

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mw-drive-controls-org9113-clean.dta

This data set contains data from the Outgoing Rotation Groups (ORG) of the Current Population Survey (CPS) fro years 1991-2013. Employment, wage and hours data are used in the main analysis in the paper and in supplementary tables in the appendix. The coding for all these variables and socio-demographic controls are included in CPS code.do.

III. Programs creating variables used in the analyses.

Four STATA programs are provided in this data archive that create the variables in the data sets noted above.

FARS_data_setup.do

This file reads in data downloaded from the FARS website to create state counts by year that are used in our analyses of alcohol-involved, weekend, weekday, nighttime and daytime crashes. These state-year variables are created for various age groups used in the main tables and appendix tables.

This program uses original data from FARS:

FSAS91/ACCIDENT.dta – FSAS13/ACCIDENT.dta

FSAS91/person.dta – FSAS12/person.dta

MISAS91/miper91.dta – MISAS00/miper00.dta and MISAS01/miper.dta – MISAS13/miper.dta

These original data can be obtained from the FARS data site: https://www.nhtsa.gov/research-data/fatality-analysis-reporting-system-fars .

1. Select the option to "Download Raw Data from FTP site".
2. Select the appropriate year(s) 1991 – 2013.
3. Download the FSASxx.zip and MISASxx.zip files.
4. Data files need to be converted to stata files.

BRFSS code.do

This file uses 1991–2013 BRFSS data and contains the code that is used to create the variables used in our analyses of BRFSS data.

Uses original 1991 BRFSS data – 2013 BRFSS data that can be obtained at https://www.cdc.gov/brfss/index.html

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CPS code.do

This file uses data from the CPS Outgoing Rotation Groups and combines with other data sets required in the analyses.

Uses original files morg91.dta – morg12.dta from the CPS that can be obtained at http://www.nber.org/data/morg.html

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YRBS code.do

We conduct analysis of Youth Risk Behavior Survey (YRBS) data. The state level data are available only by contract with individual states and we do not post these data.

Our National and State Youth Risk Behavior Survey (YRBS) data were obtained from the Centers for Disease Control and Prevention. Data from some states were obtained through restricted-use contractual arrangements with state Departments of Health and Human Services and Education. We used data from all states provided to the National YRBS dataset and supplements from available states. Researchers may contact the relevant state agencies and the CDC to obtain the above data. From the State YRBS, our data included information from the following states.

Alabama (1991-2013)
Alaska (1995-2013),
Arizona (2003-2013)
Arkansas (1995-2013)
Colorado (2005-2011)
Connecticut (1997-2013)
Delaware (1999-2013)
Florida (2001-2013)
Georgia (1991-2013)
Idaho (2001-2013)
Illinois (2007-2013)
Indiana (2003-2011)
Iowa (2005-2011)
Kansas (2005-2013)
Kentucky (2003-2013)
Louisiana (2007-2013)
Maine (1995-2013)
Maryland (2005-2013)
Massachusetts (1993-2013)
Michigan (1997-2013)
Mississippi (1993-2013)
Missouri (1995-2013)
Montana (1993-2013)
Nebraska (1991-2013)
Nevada (1993-2013)
New Hampshire (1993-2013)
New Jersey (2001-2013)
New Mexico (1991-2013)
New York (1997-2013)
North Carolina (1993-2013)
North Dakota (1999-2013)
Ohio (1993-2013)
Oklahoma (2003-2013)
Pennsylvania (2009)
Rhode Island (1997-2013)
South Carolina (1991-2013)
South Dakota (1991-2013)

Tennessee (1993-2013)
Texas (2001-2013)
Utah (1991-2013)
Vermont (1993-2011)
Virginia (2011-2013)
West Virginia (1993-2013)
Wisconsin (1993-2013)
Wyoming (1995-2013).

IV. Summary statistics and variable definitions for data files

REStat-means.docx contains the summary statistics for all six of the data files. A brief variable definition is also included.