2010-2012 NSDUH Substate Region Shapefile Description and Downloading Instructions

This shapefile includes geographic boundaries of the 2010-2012 National Survey on Drug Use and Health (NSDUH) substate regions along with small area estimation (SAE) values (prevalence rates, the map group, and the upper and lower bounds found in the map legends) related to each substate region. It can be used for analysis and data display with Geographic Information Systems (GIS) software.

**Shapefile Components**

The shapefile includes the following components:

* "SubstateRegionData101112.prj" contains projection information for the shapefile.
* "SubstateRegionData101112.sbn" contains Part 1 of 2 of the spatial index of features.
* "SubstateRegionData101112.sbx" contains Part 2 of 2 of the spatial index of features.
* "SubstateRegionData101112.shp" contains the feature geometry.
* "SubstateRegionData101112.shx" contains the shape index.
* "SubstateRegionData101112.dbf" contains the attribute table for the shapefile.

To download the shapefile components listed above, click here for an archived file.

**Description of Shapefile Fields**

The fields in the shapefile are as follows:

* "FID" is the file's internal unique identifier.
* "Shape" is the file's internal description field.
* "REG\_FIP" is the substate region name with the State's Federal information processing standards (FIPS) code (i.e., the region's unique identifier).
* "ST\_FIPS" is the State FIPS code.
* "ST\_Name" is the State name.
* "SR\_Name" is the substate region's name based on the 2010-2012 substate region definitions.

For each outcome, there are four variables on the file:

1. The 2010-2012 small area estimate value is noted by the outcome name (listed below).

2. The map group for each outcome variable is shown with the outcome name followed by "\_GP." Its values are 1,…,7, where 1 represents low prevalence and 7 represents high prevalence, except for the three perception of great risk variables, where 1 represents high prevalence and 7 represents low prevalence.

3. The lower bound of the map group is shown with the outcome name followed by "\_LO." If a substate region is in map group 3 for a particular outcome, the lower bound shown would be the lower bound given in the map legend for group 3.

4. The upper bound of the map group is shown with the outcome name followed by "\_UP." If a substate region is in map group 3, the upper bound shown would be the upper bound given in the map legend for group 3.

The 27 outcome variables, shown as "***outcome name***: outcome description (age group)," are as follows:

* ***abodalc***: past year alcohol dependence or abuse (12 or older),
* ***abodila***: past year dependence or abuse of illicit drugs or alcohol (12 or older),
* ***abodill***: past year illicit drug dependence or abuse (12 or older),
* ***alcmon***: past month use of alcohol (12 or older),
* ***amiyr***: any mental illness (AMI) in the past year (18 or older),
* ***anlyr***: past year nonmedical use of pain relievers (12 or older),
* ***bngalc***: past month binge alcohol use (12 or older),
* ***cigmon***: past month use of cigarettes (12 or older),
* ***cocyr***: past year use of cocaine (12 or older),
* ***depndal***: past year alcohol dependence (12 or older),
* ***depndil***: past year illicit drug dependence (12 or older),
* ***iemmon***: past month use of illicit drugs other than marijuana (12 or older),
* ***inciden***: average annual rate of first use of marijuana (12 or older),
* ***mde***: past year major depressive episode (MDE) (i.e., depression) (18 or older),
* ***mrjmon***: past month use of marijuana (12 or older),
* ***mrjyr***: past year use of marijuana (12 or older),
* ***smiyr***: serious mental illness (SMI) in the past year (18 or older),
* ***suithyr***: serious thoughts of suicide in the past year (18 or older),
* ***summon***: past month use of illicit drugs (12 or older),
* ***tobmon***: past month use of tobacco products (12 or older),
* ***txgapal***: needing but not receiving treatment for alcohol use in the past year (12 or older),
* ***txnospe***: needing but not receiving treatment for illicit drug use in the past year (12 or older),
* ***u\_alcmo***: underage past month use of alcohol (12 to 20),
* ***u\_bngal***: underage past month binge alcohol use (12 to 20),
* ***riskalc***: perception of risk of having five or more drinks of an alcoholic beverage once or twice a week (12 or older),
* ***riskcig***: perception of great risk of smoking one or more packs of cigarettes per day (12 or older), and
* ***riskmj***: perception of great risk of smoking marijuana once a month (12 or older).

Shapefile Values for a Substate Region: An Example

As an example of an observation in the shapefile, Region 1 in Alabama would have the following values:

REG\_FIP=Region 1\_01, ST\_FIPS=01, ST\_NAME=Alabama, SR\_NAME=Region 1, ABODALC=4.89, ABODALC\_GP=2, ABODALC\_LO=4.83, ABODALC\_UP=5.45, …, RISKMJ=39.41, RISKMJ\_GP=2, RISKMJ\_LO=37.60, RISKMJ\_UP=40.82