



About

This is a comprehensive data on DUIs, alcohol-related fatalities, and legislation across U.S. states, with age and gender-specific statistics.

Data creation range: 2012 & 2014
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Content: CSV files

Source: <https://catalog.data.gov/dataset/impaired-driving-death-rate-by-age-and-gender-2012-2014-all-states> & <https://www.kaggle.com/datasets/bryanmaloney/dui-arrests-and-population-by-state-2015-usa>

Use Cases

- 1 Assessing Regional Variations in DUI Rates
- 2 Identifying Demographic Patterns in DUI Offenses
- 3 Evaluating the Effectiveness of Legislation
- 4 Analyzing Trends in Alcohol-Related Fatalities.
- 5 Studying the Impact of Alcohol Accessibility
- 6 Developing Targeted Public Safety Campaigns
- 7 Policy Formulation and Advocacy
- 8 Academic and Health Research
- 9 Community Awareness and Education Programs.

Showcase Preview

DUI	Fatalities	Population	Sunday.Sales	Region	Types.Of.Alcohol.Purchasable.In.Grocery.Stores	Marijuana.Legalized
7863	247	4858979	Prohibited	South	Beer and Wine Only	No
3163	24	738432	Permitted	West	None	Yes
22367	272	6828065	Permitted	West	All	Yes
6919	149	2978204	Local	South	Beer and Wine Only	No
141458	914	39144818	Permitted	West	All	Yes
25562	151	5456574	Permitted	West	Beer and Wine Only	Yes
8148	103	3590886	Local	Northeast	Beer Only	Yes
386	42	945934	Permitted	South	None	Yes
4A	NA	NA	NA	South	All	Yes
31783	797	20271272	Local	South	Beer and Wine Only	No
19217	365	10214860	Local	South	Beer and Wine Only	No

This screenshot shows a section of the dataset, with detailed, concise and relating information for every state

States are divided into four regions, and each state, information regarding its population, fatalities involving DUIs, number of DUIs, type of alcohol applied, and even regulations regarding the sales of alcohol are included, providing as much insight as possilbe

Description

TELL US ABOUT THIS DATASET.

This dataset provides a comprehensive overview of DUI (Driving Under Influence) incidents, alcohol-related fatalities, and relevant legislation across various U.S. states. It includes data on DUI rates, fatalities, demographic breakdowns, and state-level alcohol policies.

IS THERE AN INTENDED PURPOSE FOR THE DATASET? WHAT DOMAIN WAS IT DESIGNED FOR?

The primary purpose of this dataset is to analyze and understand the patterns and impacts of DUI incidents and alcohol-related fatalities in the United States. It is intended for use in public health research, policy analysis, and law enforcement strategy formulation.

WHAT IS THE LICENSE UNDER WHICH THE DATASET IS MADE AVAILABLE?

Public Domain

ARE THERE ANY ADDITIONAL RESTRICTIONS UNDER WHICH THE DATASET IS MADE AVAILABLE? ARE THERE ANY LEGISLATION, CODES OF PRACTICE OR GUIDANCE FROM THE JURISDICTION OR DOMAIN IN WHICH THE DATA WAS COLLECTED ABOUT THE USE OF THIS DATA? ARE THERE TASKS FOR WHICH THE DATASET CANNOT BE USED? PLEASE PROVIDE A DESCRIPTION OR GUIDANCE.

No additional restrictions. Suitable for various analytical and research purposes.

ARE THERE TASKS FOR WHICH THE DATASET WOULD BE CAUTIONED AGAINST BEING USED? IF SO, PLEASE PROVIDE A DESCRIPTION.

Should not be used for predictive or individual-level judgments due to its aggregate nature.

HAS THE DATASET BEEN USED FOR ANY TASKS ALREADY? IF SO, PLEASE PROVIDE A DESCRIPTION AND LINKS TO PAPERS OR SYSTEMS USING THE DATASET

No this is brand new, done in ODE :) offers new research opportunities in public safety and health policy.

Composition

IS YOUR DATASET A SAMPLE? SAMPLING STRATEGY?

No, the dataset is not a sample; it comprehensively covers DUI incidents and fatalities across the U.S.

WAS ANY PREPROCESSING/CLEANING/LABELING OF THE DATA DONE?

The dataset was merged from two independent dataset, originating from two independent source, it then went through a cleaning process that saw all the bad datapoints taken out

WAS THE RAW DATA SAVED ALONG WITH PROCESSED DATA?

Yes, the two oirginal dataset taken from the two independent data source is available upon request, however they are not presented directly in this report.

RECOMMENDED DATA SPLITS FOR ANALYSIS?

No specific data splits recommended; the dataset is suitable for holistic analysis as provided.