

Report on Gun Murders

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2021-10-19

Introduction

This is a report on 2010 gun murder rates obtained from FBI reports. The original data was obtained from this Wikipedia page.

We are going to use the following library:

```
library(tidyverse)
library(dslabs)
```

and load the data we already wrangled:

```
data(murders)
head(murders)
```

```
##      state abb region population total
## 1  Alabama  AL  South   4779736    135
## 2   Alaska  AK   West    710231     19
## 3   Arizona AZ   West   6392017    232
## 4  Arkansas AR  South   2915918     93
## 5 California CA   West  37253956   1257
## 6   Colorado CO   West   5029196     65
```

Murder rate by state

We note the large state to state variability by generating a barplot showing the murder rate by state:

