Report on Gun Murders

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## Introduction

This is a report on 2010 gun murder rates obtained from FBI reports. The original data was obtained from [this Wikipedia page](https://en.wikipedia.org/wiki/Murder_in_the_United_States_by_state).

We are going to use the following library:

library(tidyverse)

## Warning: package 'tidyverse' was built under R version 3.5.1

## Warning: package 'ggplot2' was built under R version 3.5.1

## Warning: package 'tibble' was built under R version 3.5.1

## Warning: package 'tidyr' was built under R version 3.5.1

## Warning: package 'readr' was built under R version 3.5.1

## Warning: package 'purrr' was built under R version 3.5.1

## Warning: package 'dplyr' was built under R version 3.5.1

## Warning: package 'stringr' was built under R version 3.5.1

## Warning: package 'forcats' was built under R version 3.5.1

and load the data we already wrangled:

load("rdas/murders.rda")

## Murder rate by state

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

## Warning: package 'bindrcpp' was built under R version 3.5.1

