# states data

```r
load(file="states_data.RData")
```

```r
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --
```

```
## v ggplot2 3.3.5      v purrr   0.3.4
## v tibble  3.1.5      v dplyr   1.0.7
## v tidyr   1.1.4      v stringr 1.4.0
## v readr   2.1.1      v forcats 0.5.1
```

```
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```r
states_data
```

```
## # A tibble: 51 x 84
## # Rowwise:  state
##    state       biden_votes_2020 trump_votes_2020 other_votes_2020 clinton_votes_2~
##    <chr>                  <int>            <int>            <int>            <int>
##  1 Alabama               849624          1441170             7312           729547
##  2 Alaska                153778           189951             6904           116454
##  3 Arizona              1672143          1661686             2032          1161167
##  4 Arkansas              423932           760647            21357           380494
##  5 Californ~           11110250          6006429           196307          8753788
##  6 Colorado             1804352          1364607            58561          1338870
##  7 Connecti~            1080831           714717             8079           897572
##  8 Delaware              296268           200603             2475           235603
##  9 District~             317323            18586             6411           282830
## 10 Florida              5297045          5668731            31356          4504975
## # ... with 41 more rows, and 79 more variables: other_2016 <int>,
## #   cases_jan_2020 <dbl>, cases_feb_2020 <dbl>, cases_mar_2020 <dbl>,
## #   cases_apr_2020 <dbl>, cases_may_2020 <dbl>, cases_jun_2020 <dbl>,
## #   cases_jul_2020 <dbl>, cases_aug_2020 <dbl>, cases_sep_2020 <dbl>,
## #   cases_oct_2020 <dbl>, cases_nov_2020 <dbl>, cases_dec_2020 <dbl>,
## #   cases_jan_2021 <dbl>, cases_feb_2021 <dbl>, cases_mar_2021 <dbl>,
## #   cases_apr_2021 <dbl>, cases_may_2021 <dbl>, cases_jun_2021 <dbl>, ...
```

Dataset consists of observations on 50 States plus District of Columbia on the following measures:

## columns in the dataset:

**state**: name of US State

**vote totals presidential elections**

Source: MIT Election Data and Science Lab, "County Presidential Election Returns 2000-2020", https://doi.org/10.7910/DVN/VOQCHQ

**trump_votes_2016**: each the vote totals for each candidate or all others combined.

**clinton_votes_2016**:

**other_votes_2016** :

**trump_votes_2020** :

**biden_votes_2020** :

**other_votes_2020** :

**COVID cases and deaths**

Source: The New York Times. (2021). https://github.com/nytimes/covid-19-data

**cases_2020** : COVID total cases for 2020

**cases_jan_2020** to **cases_oct_2021** : cumulative COVID case counts by month

**vax_dec_2020** to **vax_oct_2021** : cumulative vaccination counts per month (all ages)

**deaths_jan_2020** to **deaths_oct_2021**: cumulative COVID attributed deaths by month

**deaths_pc_jun_2020**: per capita (10,000 people) COVID deaths by June 2020

**COVID shutdown**

Source: Ballotopedia.org. https://ballotpedia.org/States_that_issued_lockdown_and_stay-at-home_orders_in_response_to_the_coronavirus_(COVID-19)_pandemic,_2020

**stay_begin**: date of beginning stay at home order

**stay_end**: date of ending of stay at home order

**shutdown_date_range**: date length of State stay at home order

**shutdown_length**: length of State stay at home order in numeric number of days

**demographics**

US Census Bureau, https://www.census.gov/data.html And American Community Survey 5-year estimate 2018.

**total_population_2010** : State population from 2010 decennial US Census, US Census Bureau

**total_population_est_2019** : estimated population in 2019, 1-year estimate, US Census Bureau.

**census_fips_code**: numeric code for State

The following are total population, American Community Survey 5-year estimate 2018 population totals and by first racial group mention.

**pop**: total population

**white_pop**:

**black_pop**:

**native_pop**:

**asian_pop**:

**latino_pop**:

**median_income**: In US Dollars

**bachelors_pop**: Total population 25 or older with a bachelor's degree

**gini**: Gini coefficient of wealth inequality, 2018 estimate

### economics

Source: Bureau of Economic Analysis. Annual GDP, personal income, and employment by State: https://apps.bea.gov/itable/iTable.cfm?ReqID=70&step=1.

**q1_gdp_2020** : percentage change in GDP from Q4 2019 to Q1 2020

**q2_gdp_2020** : percentage change in GDP from Q1 2020 to Q2 2020

**q3_gdp_2020** : percentage change in GDP from Q2 2020 to Q3 2020

**q4_gdp_2020** : percentage change in GDP from Q3 2020 to Q4 2020

**pc_income_2020** : State per capita income in 2020

**oct_2020_unemployed** : proportion of population unemployed in October 2020

### public health

**drug_alc_deaths_2019** : number of deaths attributed to drug or alcohol overdose in 2019. Source: Centers for Disease Control and Prevention, National Center for Health Statistics. http://wonder.cdc.gov/ucd-icd10.html

**life_expec**: life expectancy at birth in years, 2018 Source: KFF's State Health Facts. Life Expectancy at Birth (in years). Kaiser Family Foundation. https://www.kff.org/other/state-indicator/life-expectancy/

### policy liberalism and public opinion mass liberalism

Source: Caughey, Devin; Warshaw, Christopher, 2017, "caughey_warshaw_summary.tab", Replication Data for: Policy Preferences and Policy Change: Dynamic Responsiveness in the American States, 1936–2014, https://doi.org/10.7910/DVN/K3QWZW/5DVZFO, Harvard Dataverse, V2, UNF:6:gclIUlb4vZOuKOkJEYoI9g== [fileUNF]

**state_social_liberalism_policy**: index of social policy liberalism 2014, higher scores more liberal

**state_econ_liberalism_policy**: index of economic policy liberalism 2014, higher scores more liberal

**mass_social_liberalism_policy**: index of mass social liberalism 2014, higher scores more liberal

**mass_econ_liberalism_policy**: index of mass economic liberalism 2014, higher scores more liberal

**dempid_est**: Estimated proportion of Democratic Party identifiers in the State voting age public, 2014.

**reppid_est**: Estimated proportion of Republican Party identifiers in the State voting age public, 2014.

### legislature characteristics

**percent_women_legislature**: percent of women in the State legislature. Source: Center for American Women and Politics, Eagleton Institute of Politics, & Rutgers, The State University of New Jersey (Eds.). (2021, June 24). Women in State Legislatures 2021. Cawp. https://cawp.rutgers.edu/women-state-legislature-2021.