Package 'usdata'

June 30, 2020
Title Data on the States and Counties of the United States
Version 0.1.0
Description Demographic data on the United States at the county and state levels spanning multiple years.
License GPL-3
Encoding UTF-8
LazyData true
RoxygenNote 7.1.0
<pre>URL https://github.com/OpenIntroStat/usdata</pre>
BugReports https://github.com/OpenIntroStat/usdata/issues
Suggests dplyr, ggplot2, maps, testthat
Imports tibble
Depends R (>= 2.10)
NeedsCompilation no
Author Mine Çetinkaya-Rundel [aut, cre] (https://orcid.org/0000-0001-6452-2420), David Diez [aut]
Maintainer Mine Çetinkaya-Rundel <cetinkaya.mine@gmail.com></cetinkaya.mine@gmail.com>
Repository CRAN
Date/Publication 2020-06-30 09:20:03 UTC
R topics documented:
abbr2state 2 county 3 county_complete 4 govrace10 10 houserace10 11
houserace 10

2 abbr2state

Index		22
	vote_nsa	20
	urban_rural_pop	
	urban_owner	
	state_stats	16
	state2abbr	16

abbr2state

Convert state abbreviations to names

Description

Two utility functions. One converts state names to the state abbreviations, and the second does the opposite.

Usage

```
abbr2state(abbr)
```

Arguments

abbr

A vector of state abbreviation.

Value

Returns a vector of the same length with the corresponding state names or abbreviations.

Author(s)

David Diez

See Also

```
state2abbr, county, county_complete
```

```
abbr2state("MN")
```

county 3

county

United States Counties

Description

Data for 3142 counties in the United States. See the county_complete data set for additional variables.

Usage

county

Format

A data frame with 3142 observations on the following 14 variables.

name County names.

state State names.

pop2000 Population in 2000.

pop2010 Population in 2010.

pop2017 Population in 2017.

pop_change Population change from 2010 to 2017.

poverty Percent of population in poverty in 2017.

homeownership Home ownership rate, 2006-2010.

multi_unit Percent of housing units in multi-unit structures, 2006-2010.

unemployment_rate Unemployment rate in 2017.

metro Whether the county contains a metropolitan area.

median_edu Median education level (2013-2017).

per_capita_income Per capita (per person) income (2013-2017).

median_hh_income Median household income.

smoking_ban Describes whether the type of county-level smoking ban in place in 2010, taking one of the values "none", "partial", or "comprehensive".

Source

These data were collected from Census Quick Facts (no longer available as of 2020) and its accompanying pages. Smoking ban data were from a variety of sources.

See Also

county_complete

Examples

```
library(ggplot2)
ggplot(county, aes(x = median_edu, y = median_hh_income)) +
  geom_boxplot()
```

county_complete

United States Counties

Description

Data for 3143 counties in the United States.

Usage

```
county_complete
```

Format

A data frame with 3143 observations on the following 111 variables.

```
state State.
name County name.
fips FIPS code.
pop2000 2000 population.
pop2010 2010 population.
pop2011 2011 population.names
pop2012 2012 population.
pop2013 2013 population.
pop2014 2014 population.
pop2015 2015 population.
pop2016 2016 population.
pop2017 2017 population.
age_under_5_2010 Percent of population under 5 (2010).
age_under_5_2017 Percent of population under 5 (2017).
age_under_18_2010 Percent of population under 18 (2010).
age_over_65_2010 Percent of population over 65 (2010).
age_over_65_2017 Percent of population over 65 (2017).
median_age_2017 Median age (2017).
```

female_2010 Percent of population that is female (2010).

```
white_2010 Percent of population that is white (2010).
black_2010 Percent of population that is black (2010).
black_2017 Percent of population that is black (2017).
native 2010 Percent of population that is a Native American (2010).
native 2017 Percent of population that is a Native American (2017).
asian 2010 Percent of population that is a Asian (2010).
asian_2017 Percent of population that is a Asian (2017).
pac_isl_2010 Percent of population that is Hawaii or Pacific Islander (2010).
pac_isl_2017 Percent of population that is Hawaii or Pacific Islander (2017).
other_single_race_2017 Percent of population that identifies as another single race (2017).
two_plus_races_2010 Percent of population that identifies as two or more races (2010).
two plus races 2017 Percent of population that identifies as two or more races (2017).
hispanic 2010 Percent of population that is Hispanic (2010).
hispanic 2017 Percent of population that is Hispanic (2017).
white_not_hispanic_2010 Percent of population that is white and not Hispanic (2010).
white_not_hispanic_2017 Percent of population that is white and not Hispanic (2017).
speak_english_only_2017 Percent of population that speaks English only (2017).
no_move_in_one_plus_year_2010 Percent of population that has not moved in at least one year
     (2006-2010).
foreign born 2010 Percent of population that is foreign-born (2006-2010).
foreign spoken at home 2010 Percent of population that speaks a foreign language at home
     (2006-2010).
women 16 to 50 birth rate 2017 Birth rate for women ages 16 to 50 (2017).
hs grad 2010 Percent of population that is a high school graduate (2006-2010).
hs_grad_2016 Percent of population that is a high school graduate (2012-2016).
hs_grad_2017 Percent of population that is a high school graduate (2017).
some_college_2016 Percent of population with some college education (2012-2016).
some_college_2017 Percent of population with some college education (2017).
bachelors 2010 Percent of population that earned a bachelor's degree (2006-2010).
bachelors 2016 Percent of population that earned a bachelor's degree (2012-2016).
bachelors 2017 Percent of population that earned a bachelor's degree (2017).
veterans 2010 Percent of population that are veterans (2006-2010).
veterans_2017 Percent of population that are veterans (2017).
mean_work_travel_2010 Mean travel time to work (2006-2010).
mean_work_travel_2017 Mean travel time to work (2017).
broadband_2017 Percent of population who has access to broadband (2017).
computer 2017 Percent of population who has access to a computer (2017).
housing_units_2010 Number of housing units (2010).
```

homeownership_2010 Home ownership rate (2006-2010). housing_multi_unit_2010 Housing units in multi-unit structures (2006-2010). median_val_owner_occupied_2010 Median value of owner-occupied housing units (2006-2010). **households 2010** Households (2006-2010). households 2017 Households (2017). persons per household 2010 Persons per household (2006-2010). persons_per_household_2017 Persons per household (2017). per_capita_income_2010 Per capita money income in past 12 months (2010 dollars, 2006-2010) per_capita_income_2017 Per capita money income in past 12 months (2017 dollars, 2017) metro_2013 Whether the county contained a metropolitan area in 2013. **median household income 2010** Median household income (2006-2010). median household income 2016 Median household income (2012-2016). **median household income 2017** Median household income (2017). private_nonfarm_establishments_2009 Private nonfarm establishments (2009). private_nonfarm_employment_2009 Private nonfarm employment (2009). percent_change_private_nonfarm_employment_2009 Private nonfarm employment, percent change from 2000 to 2009. **nonemployment_establishments_2009** Nonemployer establishments (2009). firms_2007 Total number of firms (2007). **black owned firms 2007** Black-owned firms, percent (2007). **native owned firms 2007** Native American-owned firms, percent (2007). asian owned firms 2007 Asian-owned firms, percent (2007). pac isl owned firms 2007 Native Hawaiian and other Pacific Islander-owned firms, percent (2007). hispanic_owned_firms_2007 Hispanic-owned firms, percent (2007). women_owned_firms_2007 Women-owned firms, percent (2007). manufacturer_shipments_2007 Manufacturer shipments, 2007 (\$1000). mercent_whole_sales_2007 Mercent wholesaler sales, 2007 (\$1000). sales 2007 Retail sales, 2007 (\$1000). sales_per_capita_2007 Retail sales per capita, 2007. accommodation_food_service_2007 Accommodation and food services sales, 2007 (\$1000). building_permits_2010 Building permits (2010). fed_spending_2009 Federal spending, in thousands of dollars (2009). area_2010 Land area in square miles (2010). density_2010 Persons per square mile (2010). smoking ban 2010 Describes whether the type of county-level smoking ban in place in 2010, taking one of the values "none", "partial", or "comprehensive". **poverty 2010** Percent of population below poverty level (2006-2010). poverty_2016 Percent of population below poverty level (2012-2016).

```
poverty_2017 Percent of population below poverty level (2017).
poverty_age_under_5_2017 Percent of population under age 5 below poverty level (2017).
poverty age under 18 2017 Percent of population under age 18 below poverty level (2017).
civilian labor force 2007 Civilian labor force in 2007.
employed 2007 Number of civilians employed in 2007.
unemployed 2007 Number of civilians unemployed in 2007.
unemployment rate 2007 Unemployment rate in 2007.
civilian labor force 2008 Civilian labor force in 2008.
employed 2008 Number of civilians employed in 2008.
unemployed 2008 Number of civilians unemployed in 2008.
unemployment_rate_2008 Unemployment rate in 2008.
civilian_labor_force_2009 Civilian labor force in 2009.
employed_2009 Number of civilians employed in 2009.
unemployed 2009 Number of civilians unemployed in 2009.
unemployment rate 2009 Unemployment rate in 2009.
civilian labor force 2010 Civilian labor force in 2010.
employed 2010 Number of civilians employed in 2010.
unemployed_2010 Number of civilians unemployed in 2010.
unemployment_rate_2010 Unemployment rate in 2010.
civilian labor force 2011 Civilian labor force in 2011.
employed_2011 Number of civilians employed in 2011.
unemployed_2011 Number of civilians unemployed in 2011.
unemployment_rate_2011 Unemployment rate in 2011.
civilian_labor_force_2012 Civilian labor force in 2012.
employed 2012 Number of civilians employed in 2012.
unemployed 2012 Number of civilians unemployed in 2012.
unemployment rate 2012 Unemployment rate in 2012.
civilian_labor_force_2013 Civilian labor force in 2013.
employed_2013 Number of civilians employed in 2013.
unemployed 2013 Number of civilians unemployed in 2013.
unemployment_rate_2013 Unemployment rate in 2013.
civilian_labor_force_2014 Civilian labor force in 2014.
employed_2014 Number of civilians employed in 2014.
unemployed_2014 Number of civilians unemployed in 2014.
unemployment_rate_2014 Unemployment rate in 2014.
civilian labor force 2015 Civilian labor force in 2015.
employed_2015 Number of civilians employed in 2015.
```

```
unemployed_2015 Number of civilians unemployed in 2015.
unemployment_rate_2016 Civilian labor force in 2016.
employed_2016 Number of civilians employed in 2016.
unemployed_2016 Number of civilians unemployed in 2016.
unemployment_rate_2016 Unemployment rate in 2016.
unemployment_rate_2016 Unemployment rate in 2016.
uninsured_2017 Percent of population who are uninsured (2017).
uninsured_age_under_6_2017 Percent of population under 6 who are uninsured (2017).
uninsured_age_under_19_2017 Percent of population under 19 who are uninsured (2017).
uninsured_age_over_74_2017 Percent of population under 74 who are uninsured (2017).
civilian_labor_force_2017 Civilian labor force in 2017.
employed_2017 Number of civilians employed in 2017.
unemployed_2017 Number of civilians unemployed in 2017.
unemployment_rate_2017 Unemployment rate in 2017.
```

Source

The data prior to 2011 was from http://census.gov, though the exact page it came from is no longer available.

More recent data comes from the following sources.

- Download links for spreadsheets were found on https://www.ers.usda.gov/data-products/county-level-data-sets/download-data
- Unemployment Bureau of Labor Statistics LAUS data https://www.bls.gov/lau.
- Median Household Income Census Bureau Small Area Income and Poverty Estimates (SAIPE) data.
- The original data table was prepared by USDA, Economic Research Service.
- · Census Bureau.
- 2012-16 American Community Survey 5-yr average.
- The original data table was prepared by USDA, Economic Research Service.
- Tim Parker (tparker at ers.usda.gov) is the contact for much of the new data incorporated into this data set.

See Also

county

```
library(dplyr)
library(ggplot2)
county_complete %>%
  mutate(
    pop\_change = 100 * ((pop2017 / pop2013) - 1),
   metro_area = if_else(metro_2013 == 1, TRUE, FALSE)
   ) %>%
  ggplot(aes(x = poverty_2016,
             y = pop_change,
             color = metro_area,
             size = sqrt(pop2017) / 1e3)) +
  geom_point(alpha = 0.5) +
  scale_color_discrete(na.translate = FALSE) +
  guides(size = FALSE) +
  labs(
   x = "Percentage of population in poverty (2016)",
   y = "Percentage population change between 2013 to 2017",
   color = "Metropolitan area",
    title = "Population change and poverty"
  )
# Counties with high population change
county_complete %>%
  mutate(pop_change = 100 * ((pop2017 / pop2013) - 1)) %>%
  filter(pop_change < -10 | pop_change > 25) %>%
  select(state, name, fips, pop_change)
# Population by metro area
county_complete %>%
  mutate(metro_area = if_else(metro_2013 == 1, TRUE, FALSE)) %>%
  filter(!is.na(metro_area)) %>%
  ggplot(aes(x = metro\_area, y = log(pop2017))) +
  geom_violin() +
  labs(
   x = "Metro area",
   y = "Log of population in 2017",
   title = "Population by metro area"
   )
# Poverty and median household income
county_complete %>%
  mutate(metro_area = if_else(metro_2013 == 1, TRUE, FALSE)) %>%
  ggplot(aes(x = poverty_2016,
             y = median_household_income_2016,
             color = metro_area,
             size = sqrt(pop2017) / 1e3)) +
  geom_point(alpha = 0.5) +
  scale_color_discrete(na.translate = FALSE) +
  guides(size = FALSE) +
```

10 govrace10

```
labs(
   x = "Percentage of population in poverty (2016)",
   y = "Median household income (2016)",
   color = "Metropolitan area",
   title = "Poverty and median household income"
# Unemployment rate and poverty
county_complete %>%
 mutate(metro_area = if_else(metro_2013 == 1, TRUE, FALSE)) %>%
 ggplot(aes(x = unemployment_rate_2017,
             y = poverty_2016,
             color = metro_area,
             size = sqrt(pop2017) / 1e3)) +
 geom_point(alpha = 0.5) +
 scale_color_discrete(na.translate = FALSE) +
 guides(size = FALSE) +
 labs(
   x = "Unemployment rate (2017)",
   y = "Percentage of population in poverty (2016)",
   color = "Metropolitan area",
    title = "Unemployment rate and poverty"
```

govrace10

Election results for 2010 Governor races in the U.S.

Description

Election results for 2010 Governor races in the U.S.

Usage

govrace10

Format

A data frame with 37 observations on the following 23 variables.

id Unique identifier for the race, which does not overlap with other 2010 races (see houserace10 and senaterace10)

state State name

abbr State name abbreviation

name1 Name of the winning candidate

perc1 Percentage of vote for winning candidate (if more than one candidate)

party1 Party of winning candidate

votes1 Number of votes for winning candidate

houserace10 11

name2 Name of candidate with second most votes

perc2 Percentage of vote for candidate who came in second

party2 Party of candidate with second most votes

votes2 Number of votes for candidate who came in second

name3 Name of candidate with third most votes

perc3 Percentage of vote for candidate who came in third

party3 Party of candidate with third most votes

votes3 Number of votes for candidate who came in third

name4 Name of candidate with fourth most votes

perc4 Percentage of vote for candidate who came in fourth

party4 Party of candidate with fourth most votes

votes4 Number of votes for candidate who came in fourth

name5 Name of candidate with fifth most votes

perc5 Percentage of vote for candidate who came in fifth

party5 Party of candidate with fifth most votes

votes 5 Number of votes for candidate who came in fifth

Source

MSNBC.com, retrieved 2010-11-09.

Examples

table(govrace10\$party1, govrace10\$party2)

houserace10

Election results for the 2010 U.S. House of Representaives races

Description

Election results for the 2010 U.S. House of Representaives races

Usage

houserace10

houserace10

Format

A data frame with 435 observations on the following 24 variables.

id Unique identifier for the race, which does not overlap with other 2010 races (see govrace10 and senaterace10)

state State name

abbr State name abbreviation

num District number for the state

name1 Name of the winning candidate

perc1 Percentage of vote for winning candidate (if more than one candidate)

party1 Party of winning candidate

votes1 Number of votes for winning candidate

name2 Name of candidate with second most votes

perc2 Percentage of vote for candidate who came in second

party2 Party of candidate with second most votes

votes2 Number of votes for candidate who came in second

name3 Name of candidate with third most votes

perc3 Percentage of vote for candidate who came in third

party3 Party of candidate with third most votes

votes3 Number of votes for candidate who came in third

name4 Name of candidate with fourth most votes

perc4 Percentage of vote for candidate who came in fourth

party4 Party of candidate with fourth most votes

votes4 Number of votes for candidate who came in fourth

name5 Name of candidate with fifth most votes

perc5 Percentage of vote for candidate who came in fifth

party5 Party of candidate with fifth most votes

votes 5 Number of votes for candidate who came in fifth

Details

This analysis in the Examples section was inspired by and is similar to that of Nate Silver's district-level analysis on the FiveThirtyEight blog in the New York Times: https://fivethirtyeight.com/features/2010-an-aligning-election

Source

MSNBC.com, retrieved 2010-11-09.

prrace08

Examples

```
hr <- table(houserace10[,c("abbr", "party1")])</pre>
nr <- apply(hr, 1, sum)</pre>
   <- prrace08[prrace08$state != "DC",c("state", "p_obama")]</pre>
hr <- hr[as.character(pr$state),]</pre>
(fit <- glm(hr ~ pr$p_obama, family=binomial))</pre>
x1 <- pr$p_obama[match(houserace10$abbr, pr$state)]</pre>
y1 <- (houserace10$party1 == "Democrat")+0
g <- glm(y1 ~ x1, family=binomial)</pre>
x <- pr$p_obama[pr$state != "DC"]</pre>
nr <- apply(hr, 1, sum)</pre>
plot(x, hr[,"Democrat"] / nr,
    pch = 19, cex = sqrt(nr), col = "#22558844",
    xlim = c(20, 80), ylim = c(0, 1),
    xlab = "Percent vote for Obama in 2008",
    ylab = "Probability of Democrat winning House seat")
X < - seq(0, 100, 0.1)
lo <- -5.6079 + 0.1009*X
p <- exp(lo)/(1+exp(lo))
lines(X, p)
abline(h=0:1, lty=2, col="#888888")
```

prrace08

Election results for the 2008 U.S. Presidential race

Description

Election results for the 2008 U.S. Presidential race

Usage

prrace08

Format

A data frame with 51 observations on the following 7 variables.

```
state State name abbreviation
state_full Full state name
n_obama Number of votes for Barack Obama
p_obama Proportion of votes for Barack Obama
n_mc_cain Number of votes for John McCain
p_mc_cain Proportion of votes for John McCain
el_votes Number of electoral votes for a state
```

14 senaterace10

Details

In Nebraska, 4 electoral votes went to McCain and 1 to Obama. Otherwise the electoral votes were a winner-take-all.

Source

Presidential Election of 2008, Electoral and Popular Vote Summary, retrieved 2011-04-21.

Examples

```
#===> Obtain 2010 US House Election Data <===#
hr <- table(houserace10[,c("abbr", "party1")])</pre>
nr <- apply(hr, 1, sum)</pre>
#===> Obtain 2008 President Election Data <===#
pr <- prrace08[prrace08$state != "DC",c("state", "p_obama")]</pre>
hr <- hr[as.character(pr$state),]</pre>
(fit <- glm(hr ~ pr$p_obama, family=binomial))</pre>
#===> Visualizing Binomial outcomes <===#</pre>
x <- pr$p_obama[pr$state != "DC"]</pre>
nr <- apply(hr, 1, sum)</pre>
plot(x, hr[,"Democrat"]/nr, pch=19, cex=sqrt(nr), col="#22558844",
    xlim=c(20, 80), ylim=c(0, 1), xlab="Percent vote for Obama in 2008",
    ylab="Probability of Democrat winning House seat")
#===> Logistic Regression <===#</pre>
x1 <- pr$p_obama[match(houserace10$abbr, pr$state)]</pre>
y1 <- (houserace10$party1 == "Democrat")+0
g <- glm(y1 \sim x1, family=binomial)
X < - seq(0, 100, 0.1)
lo <- -5.6079 + 0.1009*X
p <- exp(lo)/(1+exp(lo))
lines(X, p)
abline(h=0:1, lty=2, col="#888888")
```

senaterace10

Election results for the 2010 U.S. Senate races

Description

Election results for the 2010 U.S. Senate races

Usage

senaterace10

senaterace10 15

Format

A data frame with 38 observations on the following 23 variables.

id Unique identifier for the race, which does not overlap with other 2010 races (see govrace10 and houserace10)

state State name

abbr State name abbreviation

name1 Name of the winning candidate

perc1 Percentage of vote for winning candidate (if more than one candidate)

party1 Party of winning candidate

votes1 Number of votes for winning candidate

name2 Name of candidate with second most votes

perc2 Percentage of vote for candidate who came in second

party2 Party of candidate with second most votes

votes2 Number of votes for candidate who came in second

name3 Name of candidate with third most votes

perc3 Percentage of vote for candidate who came in third

party3 Party of candidate with third most votes

votes3 Number of votes for candidate who came in third

name4 Name of candidate with fourth most votes

perc4 Percentage of vote for candidate who came in fourth

party4 Party of candidate with fourth most votes

votes4 Number of votes for candidate who came in fourth

name5 Name of candidate with fifth most votes

perc5 Percentage of vote for candidate who came in fifth

party5 Party of candidate with fifth most votes

votes 5 Number of votes for candidate who came in fifth

Source

MSNBC.com, retrieved 2010-11-09.

```
library(ggplot2)
ggplot(senaterace10, aes(x = perc1)) +
  geom_histogram(binwidth = 5) +
  labs(x = "Winning candidate vote percentage")
```

state_stats

state2abbr

Convert state names to abbreviations

Description

Two utility functions. One converts state names to the state abbreviations, and the second does the opposite.

Usage

```
state2abbr(state)
```

Arguments

state

A vector of state name, where there is a little fuzzy matching.

Value

Returns a vector of the same length with the corresponding state names or abbreviations.

Author(s)

David Diez

See Also

```
abbr2state, county, county_complete
```

Examples

```
state2abbr("Minnesota")
# Some spelling/capitalization errors okay
state2abbr("mINnesta")
```

state_stats

State-level data

Description

Information about each state collected from both the official US Census website and from various other sources.

Usage

```
state_stats
```

state_stats 17

Format

```
A data frame with 51 observations on the following 23 variables. state State name. abbr State abbreviation (e.g. "MN").
```

6 FFDG 1

fips FIPS code.

pop2010 Population in 2010.

pop2000 Population in 2000.

homeownership Home ownership rate.

multiunit Percent of living units that are in multi-unit structures.

income Average income per capita.

med_income Median household income.

poverty Poverty rate.

fed_spend Federal spending per capita.

land_area Land area.

smoke Percent of population that smokes.

murder Murders per 100,000 people.

robbery Robberies per 100,000.

agg_assault Aggravated assaults per 100,000.

larceny Larcenies per 100,000.

motor_theft Vehicle theft per 100,000.

soc_sec Percent of individuals collecting social security.

nuclear Percent of power coming from nuclear sources.

coal Percent of power coming from coal sources.

tr_deaths Traffic deaths per 100,000.

tr_deaths_no_alc Traffic deaths per 100,000 where alcohol was not a factor.

unempl Unemployment rate (February 2012, preliminary).

Source

Census Quick Facts (no longer available as of 2020), InfoChimps (also no longer available as of 2020), National Highway Traffic Safety Administration, (tr_deaths, tr_deaths_no_alc), Bureau of Labor Statistics (unempl).

```
library(ggplot2)
library(dplyr)
library(maps)
states_selected <- state_stats %>%
```

18 urban_owner

```
mutate(region = tolower(state)) %>%
 select(region, unempl, murder, nuclear)
states_map <- map_data("state") %>%
 inner_join(states_selected)
# Unemployment map
ggplot(states_map, aes(map_id = region)) +
 geom_map(aes(fill = unempl), map = states_map) +
 expand_limits(x = states_map$long, y = states_map$lat) +
 scale_fill_viridis_c() +
 labs(x = "", y = "", fill = "Unemployment\n(\%)")
# Murder rate map
states_map %>%
 filter(region != "district of columbia") %>%
 ggplot(aes(map_id = region)) +
 geom_map(aes(fill = murder), map = states_map) +
 expand_limits(x = states_map$long, y = states_map$lat) +
 scale_fill_viridis_c() +
 labs(x = "", y = "", fill = "Murders nper 100k")
# Nuclear energy map
ggplot(states_map, aes(map_id = region)) +
 geom_map(aes(fill = nuclear), map = states_map) +
 expand_limits(x = states_map$long, y = states_map$lat) +
 scale_fill_viridis_c() +
 labs(x = "", y = "", fill = "Nuclear energy\n(\%)")
```

urban_owner

Summary of many state-level variables

Description

Census data for the 50 states plus DC and Puerto Rico.

Usage

urban_owner

Format

A data frame with 52 observations on the following 28 variables.

```
state State
```

total_housing_units_2000 Total housing units available in 2000. **total_housing_units_2010** Total housing units available in 2010.

urban_owner 19

pct_vacant a numeric vector occupied Occupied. pct_owner_occupied a numeric vector pop_st a numeric vector area_st a numeric vector pop_urban a numeric vector poppct_urban a numeric vector area_urban a numeric vector areapct_urban a numeric vector popden_urban a numeric vector pop_ua a numeric vector poppct_urban.1 a numeric vector area_ua a numeric vector areapct_ua a numeric vector popden_ua a numeric vector pop_uc a numeric vector poppct_uc a numeric vector area_uc a numeric vector areapct_uc a numeric vector popden_uc a numeric vector pop_rural a numeric vector poppct_rural a numeric vector area_rural a numeric vector areapct_rural a numeric vector popden_rural a numeric vector

Source

US Census.

Examples

urban_owner

vote_nsa

urban_rural_pop

State summary info

Description

Census info for the 50 US states plus DC.

Usage

```
urban_rural_pop
```

Format

A data frame with 51 observations on the following 5 variables.

```
state US state.
urban_in a numeric vector
urban_out a numeric vector
rural_farm a numeric vector
rural_nonfarm a numeric vector
```

Source

US census.

Examples

```
urban_rural_pop
```

vote_nsa

Predicting who would vote for NSA Mass Surveillance

Description

In 2013, the House of Representatives voted to not stop the National Security Agency's (NSA's) mass surveillance of phone behaviors. We look at two predictors for how a representative voted: their party and how much money they have received from the private defense industry.

Usage

vote_nsa

vote_nsa 21

Format

A data frame with 434 observations on the following 5 variables.

name Name of the Congressional representative.

party The party of the representative: D for Democrat and R for Republican.

state State for the representative.

money Money received from the defense industry for their campaigns.

phone_spy_vote Voting to rein in the phone dragnet or continue allowing mass surveillance.

Source

MapLight. Available at http://s3.documentcloud.org/documents/741074/amash-amendment-vote-maplight.pdf.

References

Kravets, D., 2020. Lawmakers Who Upheld NSA Phone Spying Received Double The Defense Industry Cash. WIRED. Available at https://www.wired.com/2013/07/money-nsa-vote/.

Index

× 2008	govrace10, 10, <i>12</i> , <i>15</i>			
prrace08, <u>13</u>				
* Abbreviation	houserace10, <i>10</i> , 11, <i>15</i>			
abbr2state, 2				
state2abbr, 16	prrace08, 13			
× States	senaterace10, <i>10</i> , <i>12</i> , 14			
prrace08, 13	state2abbr, 2, 16			
state_stats, 16	state_stats, 16			
< State	3tate_3tats, 10			
abbr2state, 2	urban.owner (urban_owner), 18			
state2abbr, 16	urban_owner, 18			
< United	urban_rural_pop, 20			
prrace08, 13				
state_stats, 16	vote_nsa, 20			
« crime				
state_stats, 16				
datasets				
county, 3				
county_complete, 4				
govrace10, 10				
houserace10, 11				
prrace08, 13				
senaterace10, 14				
state_stats, 16				
urban_owner, 18				
urban_rural_pop, 20				
vote_nsa, 20				
e election				
prrace08, 13				
e energy				
state_stats, 16				
represent				
prrace08, 13				
state state_stats, 16				
State_Stats, 10				
abbr2state, 2, <i>16</i>				
county, 2, 3, 8, 16				
county complete 2 3 4 16				