

Package: urbnmapr (via r-universe)

October 4, 2026

Type Package

Title State and county shapefiles in sf and tibble format

Version 0.0.0.9002

Description Provides state and county shapefiles in 'sf' and 'tibble' format that is compatible to map with 'ggplot2'. Shapefiles include Alaska and Hawaii, transformed to be displayed as insets within the continental United States. Heavily inspired by and derived in part from the `fiftystater` package <<https://cran.r-project.org/package=fiftystater>> by William Murphy.

Depends R (>= 3.4.0)

Imports tibble, mapproj, sf

Suggests tidyverse, urbnthemes, scales, knitr, rmarkdown

URL <https://github.com/UrbanInstitute/urbnmapr>

BugReports <https://github.com/UrbanInstitute/urbnmapr/issues>

LazyData true

License GPL-3

Encoding UTF-8

RoxygenNote 6.1.1

VignetteBuilder knitr

Config/pak/sysreqs libabsl-dev cmake libgdal-dev gdal-bin libgeos-dev libssl-dev libproj-dev libsqlite3-dev libudunits2-dev

Repository <https://urbaninstitute.r-universe.dev>

Date/Publication 2019-09-06 15:22:30 UTC

RemoteUrl <https://github.com/UrbanInstitute/urbnmapr>

RemoteRef HEAD

RemoteSha ef9f4488d6bc916a07746aafe5755e9fb9da19eb

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ccdf_labels	<i>Child Care and Development Fund labels data</i>
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Description

Child Care and Development Fund labels data

Usage

ccdf_labels

Format

- Data frame with columns
- long, lat** Longitude and latitude
- state_name, state_abbr** State name and state abbreviation

counties	<i>County shapefile data</i>
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Description

County shapefile data, cleaned and parsed into a tibble for easy mapping. Includes various state identifiers for easy merging.

Usage

counties

Format

Data frame with columns

long, lat Longitude and latitude

county_name, county_fips, fips_class County name, five-digit FIPS and FIPS class code

state_name, state_abbrev, state_fips State name, postal abbreviation, and two-digit FIPS code

Source

United States Census Bureau, <https://www.census.gov/geo/maps-data/data/tiger-cart-boundary.html>

counties_labels	<i>County labels data</i>
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Description

Includes various state identifiers for easy merging.

Usage

counties_labels

Format

Data frame with columns

long, lat Longitude and latitude

county_name, county_fips, fips_class County name, five-digit FIPS and FIPS class code

state_name, state_abbrev, state_fips State name, postal abbreviation, and two-digit FIPS code

countydata	<i>County data for mapping</i>
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Description

County-level data to use for example maps. Includes county FIPS code to match with county shapefile data.

Usage

countydata

Format

Data frame with columns

year Year of data

county_fips Five-digit FIPS code

hhpop Household population

horate Homeownership rate

medhhincome Median household income

Source

Urban Institute Sloan ADRF Database, <https://adrf.urban.org>

get_urban_labels	<i>Import different map labels.</i>
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Description

get_urban_labels() loads labels and coordinates for maps from the get_urban_map() functions. Note: there are currently only sf options for states and territories_states, as these are the only options that have custom labels. To label counties and territories_counties, use geom_sf_text() or geom_sf_label().

Usage

```
get_urban_labels(map = "states", sf = FALSE)
```

Arguments

map	Selection of custom labels. Current options are "states", "counties", "ccdf", "territories", and "territories_counties".
sf	Option indicates whether data is loaded as a tibble() or an sf object

get_urban_map	<i>Import different maps</i>
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Description

get_urban_map() loads maps that are different than states and counties

Usage

```
get_urban_map(map = "states", sf = FALSE)
```

Arguments

map	Selection of custom map. Current options are "states", "counties", "ccdf", "territories_states", and "territories_counties".
sf	Option indicates whether data is loaded as a tibble() or an sf object

statedata	<i>State data for mapping</i>
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Description

State-level data to use for example maps. Includes state FIPS code to match with state shapefile data.

Usage

```
statedata
```

Format

Data frame with columns

year Year of data

state_fips, state_name Two-digit FIPS code and state name

hhpop Household population

horate Homeownership rate

medhhincome Median household income

Source

Urban Institute Sloan ADRF Database, <https://adrf.urban.org>

states	<i>State shapefile data</i>
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Description

State shapefile data, cleaned and parsed into a tibble for easy mapping. Includes various state identifiers for easy merging.

Usage

```
states
```

Format

Data frame with columns

long, lat Longitude and latitude

state_name, state_abbrev, state_fips State name, postal abbreviation, and two-digit FIPS code

Source

United States Census Bureau, <https://www.census.gov/geo/maps-data/data/tiger-cart-boundary.html>

states_labels	<i>States labels data</i>
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Description

States labels data

Usage

```
states_labels
```

Format

Data frame with columns

long, lat Longitude and latitude

state_name, state_abbrev State name and state abbreviation

territories_counties	County shapefile data with U.S. territories
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Description

County shapefile data with territories, cleaned and parsed into a tibble for easy mapping. Includes various state identifiers for easy merging.

Usage

```
territories_counties
```

Format

Data frame with columns

long, lat Longitude and latitude

county_name, county_fips, fips_class County name, five-digit FIPS and FIPS class code

state_name, state_abbrev, state_fips State name, postal abbreviation, and two-digit FIPS code

Source

United States Census Bureau, <https://www.census.gov/geo/maps-data/data/tiger-cart-boundary.html>

territories_labels	Territories labels data
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Description

Territories labels data

Usage

```
territories_labels
```

Format

Data frame with columns

long, lat Longitude and latitude

state_name, state_abbrev State name and state abbreviation

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