

Package ‘censusxy’

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Title Access the U.S. Census Bureau Geocoder

Version 0.1.2

Description Provides access to the U.S. Census Bureau's API for batch geocoding American street addresses (<<https://geocoding.geo.census.gov/geocoder>>). The package offers a batch solution for address geocoding, as opposed to geocoding a single address at a time. It has also been developed specifically with large data sets in mind - only unique addresses are passed to the API for geocoding. If a data set exceeds 1,000 unique addresses, it will be automatically subset into appropriately sized API calls, geocoded, and then put back together so that a single object is returned.

Depends R (>= 3.3)

License GPL-3

URL <https://github.com/slu-openGIS/censusxy>

BugReports <https://github.com/slu-openGIS/censusxy/issues>

Encoding UTF-8

LazyData true

RoxygenNote 6.1.1

Imports dplyr, httr, readr, rlang, sf, tibble, tidyr

Suggests covr, knitr, rmarkdown, testthat

VignetteBuilder knitr

NeedsCompilation no

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```
# preview data
data
```

stl_homicides	<i>Homicides in the City of St. Louis, 2008 - 2018</i>
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Description

An example data set containing the addresses for homicides reported by the Saint Louis Metropolitan Police Department

Usage

```
data(stl_homicides)
```

Format

A tibble with 1822 rows and 6 variables:

street_address number, street and street suffix where homicide occurred

year year homicide occurred

date date homicide occurred

state state abbreviation of location, in these data, all "MO"

postal_code zipcode/postal code of location, in these data all NA

city city of location, in these data all "St. Louis"

Source

[St. Louis Metropolitan Police Department](#)

Examples

```
str(stl_homicides)
head(stl_homicides)
```

stl_homicides_small *Homicides in the City of St. Louis July, 2018*

Description

An example data set containing the addresses for homicides reported by the Saint Louis Metropolitan Police Department

Usage

```
data(stl_homicides_small)
```

Format

A tibble with 24 rows and 6 variables:

street_address number, street and street suffix where homicide occurred

year year homicide occurred

date date homicide occurred

state state abbreviation of location, in these data, all "MO"

postal_code zipcode/postal code of location, in these data all NA

city city of location, in these data all "St. Louis"

Source

[St. Louis Metropolitan Police Department](#)

Examples

```
str(stl_homicides_small)
head(stl_homicides_small)
```

Index

*Topic **datasets**

stl_homicides, 3

stl_homicides_small, 4

cxy_geocode, 2

stl_homicides, 3

stl_homicides_small, 4