

Package ‘njtr1’

April 29, 2022

Title Download, Analyze & Clean New Jersey Car Crash Data

Version 0.3.2

Description Download and analyze motor vehicle crash data released by the New Jersey Department of Transportation (NJDOT).

The data in this package is collected through the filing of NJTR-1 form by police officers, which provide a standardized way of documenting a motor vehicle crash that occurred in New Jersey.

3 different data tables containing data on crashes, vehicles & pedestrians released from 2001 to the present can be downloaded & cleaned using this package.

License GPL-3

Encoding UTF-8

URL <https://gavinrozzi.github.io/njtr1/>,
<https://github.com/gavinrozzi/njtr1/>,
<https://www.gavinrozzi.com/project/njtr1/>

BugReports <https://github.com/gavinrozzi/njtr1/issues/>

LazyData true

Imports lubridate, httr, curl, readr, dplyr (>= 1.0.0), stringr,
stringi, tidyselect

Depends R (>= 3.5.0)

Suggests knitr, rmarkdown, markdown

RoxygenNote 7.1.2

VignetteBuilder knitr, rmarkdown

X-schema.org-keywords njtr1, new-jersey,road-safety, car-crashes,
car-accidents, data

NeedsCompilation no

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Repository CRAN

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get_njtr1	<i>Download New Jersey car accident records for a given year. Returns a data frame of car crash based upon the table type and year specified.</i>
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Description

Download New Jersey car accident records for a given year. Returns a data frame of car crash based upon the table type and year specified.

Usage

```
get_njtr1(year, type, county = "all", geo = FALSE)
```

Arguments

year	Year to download crash data for
type	The table of NJDOT crash data to download
county	Specify a specific county to download data for (default = all)
geo	Logical, whether to filter only to geotagged cases (default = FALSE)

Value

data.frame of all reported accidents for the year

Examples

```
get_njtr1(year = 2019, type = "Pedestrians")
```

insurance	<i>Insurance companies licensed to do business in New Jersey</i>
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Description

A tibble containing all insurance companies licensed to operate in New Jersey. Can be joined with accident data.

Usage

```
insurance
```

Format

A tibble with 454 rows and 9 variables:

ID_NO Unique ID of the insurance company

NAME Name of company

ADDRESS_1 Address

ADDRESS_2 Address

ADDRESS_3 Address

CITY City of insurance company

STATE State of insurance company

ZIP ZIP code of insurance company

NOTES Notes

Source

https://www.nj.gov/mvc/pdf/vehicles/insurance_codes.pdf

read_njtr1	<i>Read an NJTR-1 data file that was previously downloaded. This function will read a .zip or .txt file in the format published by the NJDOT and return a data frame with cleaned data.</i>
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Description

Read an NJTR-1 data file that was previously downloaded. This function will read a .zip or .txt file in the format published by the NJDOT and return a data frame with cleaned data.

Usage

```
read_njtr1(file, geo = FALSE)
```

Arguments

`file` path to a file downloaded from NJDOT
`geo` Logical, whether to filter only to geotagged cases (default = FALSE)

Value

tibble of cleaned & parsed NJTR-1 data

Examples

```
read_njtr1(system.file("extdata/testdata/Ocean2019Accidents.zip", package = "njtr1"))
```

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