

# Package: njtr1 (via r-universe)

October 27, 2024

**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

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.1.2

**VignetteBuilder** knitr, rmarkdown

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

**Repository** <https://gavinrozzi.r-universe.dev>

**RemoteUrl** <https://github.com/gavinrozzi/njtr1>

**RemoteRef** HEAD

**RemoteSha** 5dcb0017e0923734ab591774ec6dd84a577c0ec0

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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")
```

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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](https://www.nj.gov/mvc/pdf/vehicles/insurance_codes.pdf)

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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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