

Package ‘ntdr’

April 5, 2024

Type Package

Title Retrieve Data from the National Transit Database

Version 0.3.4

Description Downloads the latest 'National Transit Database' data, processes it, and returns in a tidy data format.

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BugReports <https://github.com/vgXhc/ntdr/issues>

Encoding UTF-8

Imports curl, httr, dplyr, lubridate, purrr, readxl, rvest, tidyr

RoxygenNote 7.2.3

Suggests knitr, rmarkdown, testthat (>= 3.0.0), tidyverse

Config/testthat/edition 3

VignetteBuilder knitr

URL <https://vgxhc.github.io/ntdr/>, <https://github.com/vgXhc/ntdr>

NeedsCompilation no

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 get_ntd

Get NTD data

Description

Get NTD data

Usage

```
get_ntd(
  agency = "all",
  data_type = "adjusted",
  ntd_variable = "UPT",
  modes = "all",
  cache = FALSE
)
```

Arguments

agency	Name of the transit agency to retrieve. Defaults to 'all' agencies
data_type	Type of NTD data. Either "raw" for data released without adjustments or "adjusted" for data with adjustments and estimates
ntd_variable	Which variable to return. 'UPT' for unlinked passenger trips, 'VRM' for vehicle revenue miles, 'VRH' for vehicle revenue hours, or 'VOMS' for vehicles operated in maximum service.
modes	Transit mode to retrieve. Common modes include 'MB' (bus), 'CR' (commuter rail), 'HR' (heavy rail), 'LR' (light rail). Defaults to 'all' modes.
cache	Cache downloaded data. Defaults to 'FALSE'.

Value

A data frame of monthly NTD data with the requested ntd_variable in the 'value' column

Examples

```
get_ntd(agency = "City of Madison", modes = c("MB", "DR"))
```

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