MplsStops   R Documentation

Minneapolis Police Department 2017 Stop Data

Description

Results of nearly all stops made by the Minneapolis Police Department for the year 2017.

Format

A data frame with 51857 observations on the following 14 variables.

idNum

> character vector of incident identifiers

date

> a POSIXlt date variable giving the date and time of the stop

problem

> a factor with levels `suspicious` for suspicious vehicle or person stops and `traffic` for traffic stops

citationIssued

> a factor with levels `no yes` indicating if a citation was issued

personSearch

> a factor with levels `no yes` indicating if the stopped person was searched

vehicleSearch

> a factor with levels `no` or `yes` indicating if a vehicle was searched

preRace

> a factor with levels `white`, `black`, `east african`, `latino`, `native american`, `asian`, `other`, `unknown` for the officer's assessment of race of the person stopped before speaking with the person stopped

race

> a factor with levels `white`, `black`, `east african`, `latino`, `native american`, `asian`, `other`, `unknown`, officer's determination of race after the incident

gender

> a factor with levels `female`, `male`, `unknown`, gender of person stopped

lat

> latitude of the location of the incident, somewhat rounded

```
long
```

> latitude of the location of the incident, somewhat rounded

```
policePrecinct
```

> Minneapolis Police Precinct number

```
neighborhood
```

> a factor with 84 levels giving the name of the Minneapolis neighborhood of the incident

```
MDC
```

> a factor with levels `mdc` for data collected via in-vehicle computer, and `other` for data submitted by officers not in a vehicle, either on foot, bicycle or horseback. Several of the variables above were recorded only in-vehicle

Details

A few stops have been deleted, either because thesu location data was missing, or a few very rare categories were also removed. The data frame `MplsDemo` contains 2015 demongraphic data on Minneapolis neighborhoods, using the same neighborhood names as this data file. Demographics are available for 84 of Minneaolis' 87 neighborhoods. The remaining 3 presumably have no housing.

Source

These are public data obtained from <http://opendata.minneapolismn.gov/datasets/police-stop-data>. A few more fields, and more data, are available at the original source

Examples

```
summary(MplsStops)
```