

# Package: nycomplaints (via r-universe)

May 12, 2026

**Type** Package

**Title** NYC Complaints

**Version** 0.3.0

**Maintainer** Kieran Healy <kjhealy@gmail.com>

**Description** CouncilStat data on constituent issues in New York City.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**LazyDataCompression** xz

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.3

**URL** <https://github.com/kjhealy/nycomplaints>

**BugReports** <https://github.com/kjhealy/nycomplaints/issues>

**Imports** dplyr, magrittr, tidyr

**Suggests** drat, lubridate, knitr, rmarkdown, scales, skimr, tidyverse,  
testthat

**VignetteBuilder** knitr

**Depends** R (>= 3.5)

**Config/pak/sysreqs** libicu-dev

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

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**RemoteUrl** <https://github.com/kjhealy/nycomplaints>

**RemoteRef** HEAD

**RemoteSha** f7a1a185a07e37b6ee215cfae0528d543bab5df0

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census_vars	<i>Census variables</i>
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### Description

Lookup table for ACS variable names

### Usage

census\_vars

### Format

A data frame with 9 rows and 2 variables:

variable character Census variable name

varname character Short name used in zipcode table

### Details

None.

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fmt_nc	<i>fmt_nc</i>
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### Description

Format fmt\_nc in df

### Usage

fmt\_nc(x)

### Arguments

x                      df

**Details**

use in fn documentation

**Value**

formatted string

**Author(s)**

Kieran Healy

**Examples**

```
## Not run:  
if(interactive()){  
  #EXAMPLE1  
}  
  
## End(Not run)
```

---

*fmt\_nr*

*fmt\_nr*

---

**Description**

Format *fmt\_nr* in *df*

**Usage**

```
fmt_nr(x)
```

**Arguments**

*x*                      *df*

**Details**

use in fn documentation

**Value**

formatted string

**Author(s)**

Kieran Healy

## Examples

```
## Not run:  
if(interactive()){  
  #EXAMPLE1  
}  
  
## End(Not run)
```

---

nyc\_zips

*NYC Zip Codes by borough*

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## Description

Zip codes and borough names

## Usage

nyc\_zips

## Format

A data frame with 211 rows and 5 variables:

- zip Zip code (char)
- borough Borough name
- city City name (USPS)
- county County name
- long\_county County name, New York
- short\_county One word county name

## Details

Sources: <https://www.nyc.gov/assets/planning/download/office/data-maps/nyc-population/census2000/sf1p11.xls>  
and <https://worldpopulationreview.com/zips/new-york>

nycomplaints

*Complaints to NYC Council Constituent Services***Description**

Complaints data from New York City's CouncilStat

**Usage**

nycomplaints

**Format**

A data frame with 341,299 rows and 11 variables:

unique\_key character Complaint identifier.

account character NYC Council District that created the casework, this may or not be the district that the constituent lives in.

opendate date Date the casework is created by staff.

closedate date Close Date is the date the casework was closed. A casework could be closed because the issue is resolved or because no further action could be taken.

complaint\_type character Broader category designated by staff for the constituent casework. complaint\_type corresponds to NYC Council Legislative Committees.

descriptor character Specific category designated by staff for the constituent casework.

zip integer Zip code of the constituent.

borough character Borough of the constituent.

city character City of the constituent.

council\_dist Council District of the constituent.

community\_board Community Board of the constituent.

**Details**

Table: Data summary

Name	nycomplaints
Number of rows	341299
Number of columns	11
<hr/>	
Column type frequency:	
Date	2
character	9
<hr/>	
Group variables	None

**Variable type: Date**

skim_variable	n_missing	complete_rate	min	max	median	n_unique
opendate	0	1.00	2015-01-01	2025-01-09	2018-06-19	3296
closedate	14142	0.96	2015-01-02	2025-01-09	2018-11-20	2686

**Variable type: character**

skim_variable	n_missing	complete_rate	min	max	empty	n_unique	whitespace
unique_key	0	1.00	12	12	0	341194	0
account	0	1.00	6	6	0	51	0
complaint_type	7431	0.98	3	25	0	59	0
descriptor	20507	0.94	1	56	0	1259	0
zip	50624	0.85	1	5	0	1370	0
borough	63097	0.82	5	13	0	5	0
city	35555	0.90	1	49	0	1465	0
council_dist	60210	0.82	4	12	0	156	0
community_board	72772	0.79	1	16	0	99	0

Produced from NYC Open Data Initiative data. The dataset comes from CouncilStat, which is used by many NYC Council district offices to enter and track constituent cases that can range from issues around affordable housing, to potholes and pedestrian safety. This dataset aggregates the information that individual staff have input. However, district staffs handle a wide range of complex issues. Each offices uses the program differently, and thus records cases, differently and so comparisons between accounts may be difficult. Not all offices use the program. For more info - <http://labs.council.nyc/districts/data/>

**Author(s)**

Kieran Healy

**References**

<https://data.cityofnewyork.us/City-Government/NYC-Council-Constituent-Services/9hzi-kbqb>, <http://labs.council.nyc/districts/data/>

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