

# Package: noegletalR (via r-universe)

October 13, 2024

**Title** Tidy Tibbles of Noegletal

**Version** 0.2.0

**Description** Work with data from <<https://noegletal.dk>> in a tidy manner. Tidy up previously downloaded data or retrieve new data directly from the comfort of R. You can also browse an up-to-date list of available data, including thorough variable descriptions.

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**Imports** dplyr, httr, readr, rlang, rvest, stringr, tibble, tidyr

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.2

**URL** <https://github.com/FrLars21/noegletalR>

**BugReports** <https://github.com/FrLars21/noegletalR/issues>

**Repository** <https://frlars21.r-universe.dev>

**RemoteUrl** <https://github.com/frlars21/noegletalr>

**RemoteRef** HEAD

**RemoteSha** 0899bc2260793fb6395aa4075eb6151a462d5e35

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noegletal_get	<i>Get data from noegletal.dk</i>
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### Description

Get data from noegletal.dk

### Usage

```
noegletal_get(  
  muni_codes = ALLOWED_MUNI_CODES,  
  years = ALLOWED_YEARS,  
  variable_ids  
)
```

### Arguments

muni_codes	Vector of municipality codes
years	Vector of years
variable_ids	Vector of variable IDs

### Value

Tidy `tibble::tibble()` with requested data

### Examples

```
noegletal_get(muni_codes = c(101, 155), years = 2018:2024, variable_ids = c(001))
```

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noegletal_tidy	<i>Transform a csv file from noegletal.dk into a tidy tibble</i>
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### Description

noegletal\_tidy takes as input a csv-file downloaded from noegletal.dk and parses it into a tidy `tibble::tibble()`. This `tibble::tibble()` has one row for each municipality-year, a `muni_code` column, a year column and a column for each variable (as selected on noegletal.dk).

As per the noegletal.dk documentation, cells with a dash - as a value is converted to a 0, while cells with a value of M or U is converted to NA, since these represent missing values.

### Usage

```
noegletal_tidy(file)
```

**Arguments**

file Path to a csv file downloaded from noegletal.dk.

**Value**

A tidy `tibble::tibble()` with one row for each municipality-year, and one column for each included variable (nøgletal).

**Examples**

```
path_to_file <- system.file("extdata",
                             "nwRap-10Sep2024-101803.csv",
                             package = "noegletalR",
                             mustWork = TRUE)
noegletal_tidy(file = path_to_file)
```

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noegletal_vars	<i>List the available variables on 'noegletal.dk'</i>
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**Description**

When called, `noegletal_vars()` will go to 'nøgletal.dk' to retrieve an updated list of available variables (nøgletal) including their definitions and return this data as a `tibble::tibble()` with a row for each variable and three columns: 'variable\_id', 'variable\_name', 'variable\_definition'.

The primary use of the function is to get the ID's for the variables that a user wishes to retrieve with the `noegletal_get()` function. Additionally, the function is also useful for probing potential variables (including their definitions) that might be of interest for analysis.

A useful way to browse the list is to run the following code from the RStudio console `View(noegletalR::noegletal_vars())` which will open the interactive data viewer in RStudio.

Since the list of variables is retrieved anew on every call, `noegletal_vars()` can only be executed when connected to the internet. Response caching is on the development roadmap for the `noegletalR` package, but is not implemented yet and does come with its own set of challenges.

**Usage**

```
noegletal_vars()
```

**Value**

A `tibble::tibble()` where each row is a variable and the columns are 'variable\_id', 'variable\_name' and 'variable\_definition'.

**Examples**

```
noegletal_vars()
```

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