

Package: nistrarr (via r-universe)

May 16, 2026

Title Download Data from the NISRA Data Portal

Version 0.1.1.9000

Description Download data from the Northern Ireland Statistics and Research Agency (NISRA) data portal, accessed at <https://data.nisra.gov.uk>. NISRA is a government agency and the principal source of official statistics and social research on Northern Ireland.

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URL <https://github.com/MarkPaulin/nistrarr>,
<https://markpaulin.github.io/nistrarr/>

BugReports <https://github.com/MarkPaulin/nistrarr/issues>

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

Depends R (>= 4.1.0)

Imports cachem, cli, dplyr, glue, httr2, jsonlite, lubridate, pillar, purrr, rjstat, rlang (>= 1.1.0), stringr, tibble, vctrs

Suggests ggplot2, knitr, prettyunits, rmarkdown, scales, sf, testthat (>= 3.0.0), vcr (>= 0.6.0)

Config/testthat/edition 3

VignetteBuilder knitr

Config/pak/sysreqs libicu-dev libssl-dev

Repository <https://markpaulin.r-universe.dev>

Date/Publication 2025-06-20 13:51:49 UTC

RemoteUrl <https://github.com/MarkPaulin/nistrarr>

RemoteRef HEAD

RemoteSha 62bee35743de2c486f3a3d5320740813b39b8e60

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get_metadata_field	<i>Get metadata</i>
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Description

Retrieve metadata from a dataset, such as contact information, notes, and official statistics status.

Usage

```
get_metadata_field(x, field)
```

```
get_metadata(x)
```

Arguments

x	A nisra_df object created using nisra_read_dataset()
field	The metadata field to read. See details for a list of fields.

Details

Every dataset should have the following metadata fields:

- contact - contact name, email and phone
- copyright - copyright information
- experimental - a flag for experimental statistics
- note - any notes describing the data
- official - a flag for official statistics
- subject - a code and label for the subject
- updated - date

Value

Metadata if the field is found, otherwise NULL

Examples

```
mye <- nisra_read_dataset("MYE01T09")
get_metadata(mye)
get_metadata_field(mye, "contact")
```

nisra_df	<i>Create a nisra_df object</i>
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Description

Create a `nisra_df`, a data-frame with additional metadata. This uses `vctrs::new_data_frame()` to convert the `...` argument to a data-frame.

Usage

```
nisra_df(..., meta = list())
```

Arguments

<code>...</code>	named arguments to convert to columns, or an existing data-frame, or a named list of columns
<code>meta</code>	List of metadata fields

Value

A `nisra_df`, a `tbl_df` with an additional `"nisra_df"` class attribute

nisra_get_boundaries	<i>Attach boundaries to a dataset</i>
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Description

Attach boundaries to a dataset

Usage

```
nisra_get_boundaries(x)
```

Arguments

<code>x</code>	A <code>nisra_df</code> dataset
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Value

An sf object with all the columns of `x` and an additional geometry column.

<code>nisra_read_dataset</code>	<i>Read NISRA data portal dataset</i>
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Description

Fetch a dataset from the NISRA data portal using the dataset code. You can search for a dataset using `nisra_search()`.

Usage

```
nisra_read_dataset(dataset_code, flush_cache = FALSE)
```

Arguments

<code>dataset_code</code>	Dataset code
<code>flush_cache</code>	Ignore cached values

Value

A tibble with the requested dataset. If `dataset_code` is not found, an error will be thrown.

Examples

```
claimant_count_lgd <- nisra_read_dataset("CCMLGD")
```

<code>nisra_search</code>	<i>Search for a NISRA dataset</i>
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Description

Search the NISRA data portal for a dataset. You can search dataset titles either for a keyword or with a regular expression, using a dataset code, or by variables that appear in dataset. You can also specify how recently the dataset must have been updated.

Usage

```
nisra_search(  
  keyword = NULL,  
  regex = NULL,  
  dataset_code = NULL,  
  variables = NULL,  
  datefrom = NULL,  
  flush_cache = FALSE  
)
```

Arguments

<code>keyword</code>	Text to search for in dataset titles
<code>regex</code>	Regular expression for searching dataset titles
<code>dataset_code</code>	Dataset to find
<code>variables</code>	Variables to search for in datasets
<code>datefrom</code>	Date to search from. Search is limited to datasets updated in the last three months if not specified.
<code>flush_cache</code>	Ignore cached values

Value

A tibble of dataset information matching the search terms. This will include dataset codes, label, frequency, dimensions, and dimensions.

Examples

```
population_datasets <- nisra_search(keyword = "population")  
age_datasets <- nisra_search(variables = "age")
```

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