

# Package ‘statswalesr’

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**Type** Package

**Title** Easily Extract Data from 'StatsWales'

**Version** 0.1.4

**Description** Download data from 'StatsWales' into R. Removes the need for the user to write their own loops when parsing data from the 'StatsWales' API. Provides functions for datasets (<http://open.statswales.gov.wales/en-gb/dataset>) and metadata (<http://open.statswales.gov.wales/en-gb/discover/metadata>) endpoints.

**License** MIT + file LICENSE

**Encoding** UTF-8

**Imports** jsonlite, httr, curl, dplyr, rlang

**RoxygenNote** 7.1.1

**Suggests** testthat

**NeedsCompilation** no

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**Repository** CRAN

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statswales\_get\_dataset

*Retrieves a dataset from the StatsWales OData API*

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### Description

statswales\_get\_dataset returns a dataframe from **StatsWales** using a dataset id. The print\_progress argument can be set to TRUE to keep track of progress when extracting a large dataset.

### Usage

```
statswales_get_dataset(id, print_progress = FALSE)
```

### Arguments

id                    A dataset id. Must be a single string.  
print\_progress    logical. Should progress be printed in the console?

### Value

If the dataset id is valid, the function will return the requested dataset in a dataframe. If the id is not valid, the function will return an error.

### Examples

```
data <- statswales_get_dataset("hlth0515")
```

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statswales\_get\_metadata

*Retrieve metadata of a dataset from StatsWales*

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### Description

statswales\_get\_metadata returns a dataframe containing metadata from **StatsWales** using a dataset id.

### Usage

```
statswales_get_metadata(id)
```

### Arguments

id                    A dataset id as a string

**Value**

If the dataset id is valid, the output will be the requested metadata in a dataframe. If the id is not valid, the function will return an HTTP error.

**Examples**

```
metadata <- statswales_get_metadata("hlth0515")
```

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statswales_search	<i>Search StatsWales datasets</i>
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**Description**

statswales\_search returns a dataframe of dataset titles and IDs from [StatsWales](#), based on the user's text input.

**Usage**

```
statswales_search(search_text)
```

**Arguments**

search\_text     A vector of search terms.

**Value**

A dataframe of StatsWales dataset titles and IDs.

**Examples**

```
crops_datasets <- statswales_search("*crops*")
```

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