

# Package ‘openholidaysR’

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**Title** Provides Access to the 'OpenHolidays' API

**Version** 0.1.0

**Description** Provides dates for public and school holidays for a number of countries and their subdivisions through the 'OpenHolidays' API at [<https://www.openholidaysapi.org/en/>](https://www.openholidaysapi.org/en/).

**License** MIT + file LICENSE

**Encoding** UTF-8

**Language** en

**RoxygenNote** 7.3.2

**Suggests** testthat (>= 3.0.0)

**Config/testthat/edition** 3

**Imports** httr2

**URL** <https://github.com/jfeldhege/openholidaysR>,  
<http://www.johannesfeldhege.de/openholidaysR/>

**BugReports** <https://github.com/jfeldhege/openholidaysR/issues>

**Depends** R (>= 4.1)

**NeedsCompilation** no

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## Contents

oh_countries . . . . .	2
oh_languages . . . . .	2
oh_public_holidays . . . . .	3
oh_public_holidays_by_date . . . . .	3

oh_school_holidays . . . . .	4
oh_school_holidays_by_date . . . . .	5
oh_stat_public_holidays . . . . .	6
oh_subdivisions . . . . .	6

<b>Index</b>	<b>8</b>
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oh_countries	<i>Get list of countries supported by OpenHolidays</i>
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### Description

Get list of countries supported by OpenHolidays

### Usage

```
oh_countries(language = "EN")
```

### Arguments

language            Language code (default: "EN").

### Value

A data frame of supported countries.

### Examples

```
oh_countries(language = "DE")
```

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oh_languages	<i>Get supported languages</i>
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### Description

This function retrieves the list of supported languages from the OpenHolidays API.

### Usage

```
oh_languages()
```

### Value

A data frame of available languages (ISO code + localized name).

### Examples

```
oh_languages()
```

---

oh\_public\_holidays      *Get public holidays for a given country and time period*

---

**Description**

Get public holidays for a given country and time period

**Usage**

```
oh_public_holidays(country, language = "EN", start_date, end_date)
```

**Arguments**

country	Country ISO code (e.g. "DE" for Germany).
language	Language ISO code (default: "EN").
start_date	Start date of time period (YYYY-MM-DD).
end_date	End date of time period (YYYY-MM-DD).

**Value**

A data frame of holidays for a given country and time period.

**Examples**

```
# Get all holidays for Germany for the year 2025

oh_public_holidays(country = "DE",
                    language = "EN",
                    start_date = "2025-01-01",
                    end_date = "2025-12-31")
```

---

oh\_public\_holidays\_by\_date  
*Get public holidays for a specific date for all countries*

---

**Description**

Get public holidays for a specific date for all countries

**Usage**

```
oh_public_holidays_by_date(date, language = "EN")
```

**Arguments**

date                    date (YYYY-MM-DD).  
language                Language ISO code (default: "EN").

**Value**

A data frame of holidays for all countries.

**Examples**

```
oh_public_holidays_by_date(date = "2025-12-25")
```

---

oh\_school\_holidays     *Get school holidays for a given country and time period*

---

**Description**

This function retrieves school holidays from the OpenHolidays API for a specified country within a given date range.

**Usage**

```
oh_school_holidays(  
  country,  
  language = "EN",  
  start_date,  
  end_date,  
  subdivision = NULL  
)
```

**Arguments**

country                Country ISO code (e.g., "DE").  
language                Language code (default: "EN").  
start\_date              Start date in YYYY-MM-DD format.  
end\_date                End date in YYYY-MM-DD format.  
subdivision             Optional subdivision ID (if you want holidays for a specific subdivision such as state/province).

**Value**

A data frame of school holidays.

### Examples

```
oh_school_holidays(country = "DE",  
                    start_date = "2025-01-01",  
                    end_date = "2025-01-31")
```

```
oh_school_holidays(country = "DE",  
                    start_date = "2025-01-01",  
                    end_date = "2025-01-31",  
                    subdivision = "DE-BY")
```

---

oh\_school\_holidays\_by\_date

*Get school holidays for a specific date for all countries*

---

### Description

Get school holidays for a specific date for all countries

### Usage

```
oh_school_holidays_by_date(date, language = "EN")
```

### Arguments

date	date (YYYY-MM-DD).
language	Language ISO code (default: "EN").

### Value

A data frame of school holidays for all countries.

### Examples

```
oh_school_holidays_by_date(date = "2025-01-06")
```

---

`oh_stat_public_holidays`*Reads statistical data about stored holidays*

---

**Description**

Reads statistical data about stored holidays

**Usage**

```
oh_stat_public_holidays(country, subdivision = NULL)
```

```
oh_stat_school_holidays(country, subdivision = NULL)
```

**Arguments**

`country` Country ISO code (e.g., "DE").

`subdivision` Optional subdivision ID (if you want holidays for a specific state/province).

**Value**

A data frame containing `youngestStartDate` and `oldestStartDate`.

**Examples**

```
# Statistical data about public holidays in Germany  
oh_stat_public_holidays(country = "DE")
```

```
# Statistical data about school holidays in Hamburg  
oh_stat_school_holidays(country = "DE", subdivision = "DE-HH")
```

---

`oh_subdivisions`*Get subdivisions for a given country*

---

**Description**

This function retrieves administrative subdivisions (e.g., states, provinces) for a specified country from the OpenHolidays API.

**Usage**

```
oh_subdivisions(country, language = "EN")
```

**Arguments**

country	Country ISO code (e.g., "DE" for Germany).
language	Language code (default: "EN").

**Value**

A data frame of subdivisions.

**Examples**

```
oh_subdivisions(country = "DE")
```

# Index

oh\_countries, [2](#)  
oh\_languages, [2](#)  
oh\_public\_holidays, [3](#)  
oh\_public\_holidays\_by\_date, [3](#)  
oh\_school\_holidays, [4](#)  
oh\_school\_holidays\_by\_date, [5](#)  
oh\_stat\_public\_holidays, [6](#)  
oh\_stat\_school\_holidays  
    (oh\_stat\_public\_holidays), [6](#)  
oh\_subdivisions, [6](#)