

# Package ‘worldbank’

August 1, 2024

**Title** Client for the 'World Bank Indicators API'

**Version** 0.2.0

**Description** Download and search data from the 'World Bank Indicators API', which provides access to nearly 16,000 time series indicators.

See

<<https://datahelpdesk.worldbank.org/knowledgebase/articles/889392-about-the-indicators-api-documentation>>

for further details about the API.

**License** MIT + file LICENSE

**URL** <https://m-muecke.github.io/worldbank/>,

<https://github.com/m-muecke/worldbank>

**BugReports** <https://github.com/m-muecke/worldbank/issues>

**Depends** R (>= 4.1.0)

**Imports** htr2

**Suggests** ggplot2, scales, testthat (>= 3.0.0), tibble

**Config/testthat/edition** 3

**Encoding** UTF-8

**RoxygenNote** 7.3.2

**NeedsCompilation** no

**Author** Maximilian Mücke [aut, cre] (<<https://orcid.org/0009-0000-9432-9795>>)

**Maintainer** Maximilian Mücke <muecke.maximilian@gmail.com>

**Repository** CRAN

**Date/Publication** 2024-07-31 22:30:05 UTC

## Contents

wb_country . . . . .	2
wb_country_indicator . . . . .	3
wb_income_level . . . . .	4

wb_indicator . . . . .	5
wb_language . . . . .	6
wb_lending_type . . . . .	7
wb_region . . . . .	7
wb_source . . . . .	8
wb_topic . . . . .	9

<b>Index</b>	<b>10</b>
--------------	-----------

---

wb_country	<i>World Bank country data</i>
------------	--------------------------------

---

### Description

List all countries supported by the World Bank API.

### Usage

```
wb_country(country = NULL, lang = "en")
```

### Arguments

country	character() country to query. Default NULL. If NULL, all countries are returned.
lang	character(1) language to query. Default "en".

### Value

A `data.frame()` with the available countries. The columns are:

country_id	The country ID.
country_code	The country code.
country_name	The country name.
region_id	The region ID.
region_code	The region code.
region_value	The region value.
admin_region_id	The admin region ID.
admin_region_code	The admin region code.
admin_region_value	The admin region value.
income_level_id	The income level ID.
income_level_code	The income level code.

income_level_value	The income level value.
lending_type_id	The lending type ID.
lending_type_code	The lending type code.
lending_type_value	The lending type value.
capital_city	The capital city.
longitude	The longitude.
latitude	The latitude.

**Source**

<http://api.worldbank.org/v2/country>

**Examples**

```
wb_country()
```

---

wb\_country\_indicator    *World Bank country indicator data*

---

**Description**

List all country indicators supported by the World Bank API.

**Usage**

```
wb_country_indicator(
  indicator = "NY.GDP.MKTP.CD",
  country = NULL,
  lang = "en",
  start_date = NULL,
  end_date = NULL
)
```

**Arguments**

indicator	character(1) indicator to query.
country	character() country to query. Default NULL. If NULL, all countries are returned.
lang	character(1) language to query. Default "en".
start_date	character(1) or integer(1) start date to query. Default NULL. Supported formats: <ul style="list-style-type: none"> <li>• YYYY for yearly data (e.g. 2020 or "2020")</li> </ul>

- YYYYQ[1-4] for quarterly data (e.g. "2020Q1")
- YYYYM[1-12] for monthly data (e.g. "2020M02")

end\_date            character(1) or integer(1) end date to query, in the same format as start\_date.  
Default NULL.

**Value**

A data.frame() with the available country indicators. The columns are:

date	The date
indicator_id	The indicator ID.
indicator_name	The indicator name.
country_id	The country ID.
country_name	The country name.
country_code	The country code.
value	The indicator value.
unit	The indicator unit.
obs_status	The observation status.
decimal	The decimal.

**Source**

<http://api.worldbank.org/v2/country/{country}/indicator/{indicator}>

**Examples**

```
wb_country_indicator("NY.GDP.MKTP.CD", "US")
wb_country_indicator(
  "DPANUSSPB", c("CHN", "BRA"),
  start_date = "2012M01", end_date = "2012M08"
)
```

---

wb_income_level	<i>World Bank income level data</i>
-----------------	-------------------------------------

---

**Description**

List all income levels supported by the World Bank API.

**Usage**

```
wb_income_level(income = NULL, lang = "en")
```

**Arguments**

income	character() income level to query. Default NULL. If NULL, all levels are returned.
lang	character(1) language to query. Default "en".

**Value**

A data.frame() with the available income levels. The columns are:

id	The income level ID.
iso2code	The ISO 2 code of the income level.
value	The income level value.

**Source**

<http://api.worldbank.org/v2/incomeLevels>

**Examples**

```
wb_income_level()
```

---

wb_indicator	<i>World Bank indicator data</i>
--------------	----------------------------------

---

**Description**

List all indicators supported by the World Bank API.

**Usage**

```
wb_indicator(indicator = NULL, lang = "en")
```

**Arguments**

indicator	character(1) indicator to query. Default NULL. If NULL, all indicators are returned.
lang	character(1) language to query. Default "en".

**Value**

A data.frame() with the available indicators. The columns are:

id	The indicator ID.
name	The indicator name.
unit	The indicator unit.
source_id	The source ID.

source\_value    The source value.  
 source\_note    The source note.  
 source\_organization  
                   The source organization.  
 topic\_id        The topic ID.  
 topic\_value    The topic value.

**Source**

<http://api.worldbank.org/v2/indicator>

**Examples**

```
wb_indicator("NY.GDP.MKTP.CD")
```

---

wb_language	<i>World Bank available languages</i>
-------------	---------------------------------------

---

**Description**

List all languages supported by the World Bank API.

**Usage**

```
wb_language()
```

**Value**

A `data.frame()` with the available languages. The columns are:

code            The language code.  
 name            The language name.  
 native\_form    The native form of the language name.

**Source**

<http://api.worldbank.org/v2/languages>

**Examples**

```
wb_language()
```

---

wb_lending_type	<i>World Bank lending type data</i>
-----------------	-------------------------------------

---

**Description**

List all lending types supported by the World Bank API.

**Usage**

```
wb_lending_type(type = NULL, lang = "en")
```

**Arguments**

type	character() lending type to query. Default NULL. If NULL, all types are returned.
lang	character(1) language to query. Default "en".

**Value**

A data.frame() with the available lending types. The columns are:

id	The lending type ID.
iso2code	The ISO 2 code of the lending type.
value	The lending type value.

**Source**

<http://api.worldbank.org/v2/lendingTypes>

**Examples**

```
wb_lending_type()
```

---

wb_region	<i>World Bank region data</i>
-----------	-------------------------------

---

**Description**

List all regions supported by the World Bank API.

**Usage**

```
wb_region(region = NULL, lang = "en")
```

**Arguments**

region            character() region to query. Default NULL. If NULL, all regions are returned  
 lang             character(1) language to query. Default "en".

**Value**

A data.frame() with the available regions. The columns are:

id                The region ID.  
 code             The region code.  
 iso2code        The ISO 2 code of the region.  
 name             The region name.

**Source**

<http://api.worldbank.org/v2/region>

**Examples**

```
wb_region()
```

---

wb\_source

*World Bank source data*

---

**Description**

List all sources supported by the World Bank API.

**Usage**

```
wb_source(source = NULL, lang = "en")
```

**Arguments**

source            character() source to query. Default NULL. If NULL, all sources are returned.  
 lang             character(1) language to query. Default "en".

**Value**

A data.frame() with the available sources. The columns are:

id                The source ID.  
 last\_updated    The date the source was last updated.  
 name             The source name.  
 code             The source code.  
 description     The source description.



url	The source URL.
data_availability	Whether the source has data available.
metadata_availability	Whether the source has metadata available.
concepts	The concepts associated with the source.

**Source**

<http://api.worldbank.org/v2/sources>

**Examples**

```
wb_source()
```

---

wb_topic	<i>World Bank topic data</i>
----------	------------------------------

---

**Description**

List all topics supported by the World Bank API.

**Usage**

```
wb_topic(topic = NULL, lang = "en")
```

**Arguments**

topic	character() topic to query. Default NULL. If NULL, all topics are returned.
lang	character(1) language to query. Default "en".

**Value**

A data.frame() with the available topics. The columns are:

id	The topic ID.
value	The topic value.
source_note	The source note.

**Source**

<http://api.worldbank.org/v2/topics>

**Examples**

```
wb_topic()
```

# Index

wb\_country, 2  
wb\_country\_indicator, 3  
wb\_income\_level, 4  
wb\_indicator, 5  
wb\_language, 6  
wb\_lending\_type, 7  
wb\_region, 7  
wb\_source, 8  
wb\_topic, 9