

# Package: imfweco (via r-universe)

May 11, 2026

**Title** Seamless Access to IMF World Economic Outlook (WEO) Data

**Version** 0.1.0.9001

**Description** Provides tools to download, process, and analyze data from the International Monetary Fund's World Economic Outlook (WEO) database

<[https:](https://www.imf.org/en/Publications/SPROLLS/world-economic-outlook-databases)

[//www.imf.org/en/Publications/SPROLLS/world-economic-outlook-databases](https://www.imf.org/en/Publications/SPROLLS/world-economic-outlook-databases)>.

Functions support downloading complete WEO releases, accessing specific economic indicators for selected countries, and listing available data.

**License** MIT + file LICENSE

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.2

**Depends** R (>= 4.1.0)

**Imports** cli, dplyr, httr2, readr, readxl, rlang, tidyr

**Suggests** curl, testthat, withr, tibble

**Config/testthat/edition** 3

**URL** <https://teal-insights.github.io/r-imfweco/>,

<https://github.com/teal-insights/r-imfweco/>

**BugReports** <https://github.com/teal-insights/r-imfweco/issues>

**Config/pak/sysreqs** libicu-dev libssl-dev libx11-dev

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

**Date/Publication** 2025-11-11 21:18:01 UTC

**RemoteUrl** <https://github.com/teal-insights/r-imfweco>

**RemoteRef** HEAD

**RemoteSha** 07215a9f69d79630a6b31f5f7eea0bd69f70259e

## Contents

imfweo-package . . . . .	2
weo_cache_reset . . . . .	3
weo_get . . . . .	3
weo_get_entities . . . . .	4
weo_get_latest_publication . . . . .	5
weo_get_series . . . . .	5
weo_list_publications . . . . .	6
<b>Index</b>	<b>8</b>

---

imfweo-package	<i>imfweo: Seamless Access to IMF World Economic Outlook (WEO) Data</i>
----------------	---

---

## Description

Provides tools to download, process, and analyze data from the International Monetary Fund's World Economic Outlook (WEO) database <https://www.imf.org/en/Publications/SPROLLS/world-economic-outlook-databases>. Functions support downloading complete WEO releases, accessing specific economic indicators for selected countries, and listing available data.

## Author(s)

**Maintainer:** Teal Emery <lte@tealinsights.com>

Authors:

- Christoph Scheuch <christoph@tidy-intelligence.com> ([ORCID](#))

Other contributors:

- Teal Insights [copyright holder]

## See Also

Useful links:

- <https://teal-insights.github.io/r-imfweo/>
- <https://github.com/teal-insights/r-imfweo/>
- Report bugs at <https://github.com/teal-insights/r-imfweo/issues>

---

weo_cache_reset	<i>Reset the Cache</i>
-----------------	------------------------

---

**Description**

Reset the Cache

**Usage**

```
weo_cache_reset()
```

**Value**

No return value, called for side effects.

---

weo_get	<i>Get WEO Data</i>
---------	---------------------

---

**Description**

Retrieve data from the IMF World Economic Outlook (WEO) database for specific series, countries, and years.

**Usage**

```
weo_get(
  entities = NULL,
  series = NULL,
  start_year = 1980L,
  end_year = NULL,
  year = NULL,
  release = NULL,
  quiet = TRUE
)
```

**Arguments**

entities	An optional character vector of ISO3 country codes or country group identifiers. See <a href="#">weo_get_entities</a> .
series	A optional character vector of series codes. See <a href="#">weo_get_series</a> .
start_year	Minimum year to include. Defaults to 1980.
end_year	Maximum year to include. Defaults to current year + 5 years.
year	The year of a WEO publication (e.g., 2024). Defaults to latest publication year.
release	The release of a WEO publication ("Spring" or "Fall"). Defaults to latest publication release.
quiet	A logical indicating whether to print download information. Defaults to TRUE.

**Value**

A data frame with columns:

**entity\_id** ISO3 country code or country group ID

**entity\_name** Entity name

**series\_code** WEO series code

**series\_name** Series name

**units** Units of measurement

**year** Year

**value** Value

**Examples**

```
# Get GDP growth for selected countries
weo_get(
  entities = c("USA", "GBR", "DEU"),
  series = "NGDP_RPCH",
  start_year = 2015,
  end_year = 2020
)
```

---

weo_get_entities	<i>Get Available WEO Entities</i>
------------------	-----------------------------------

---

**Description**

Returns a data frame with available entities (countries and country groups) in the WEO database.

**Usage**

```
weo_get_entities(year = NULL, release = NULL, quiet = TRUE)
```

**Arguments**

**year** The year of a WEO publication (e.g., 2024). Defaults to latest publication year.

**release** The release of a WEO publication ("Spring" or "Fall"). Defaults to latest publication release.

**quiet** A logical indicating whether to print download information. Defaults to TRUE.

**Value**

A data frame with columns:

**entity\_id** ISO3 country code or country group ID

**entity\_name** Full name of the country or country group

**Examples**

```
# List all countries and regions
weo_get_entities()
```

---

```
weo_get_latest_publication
    Get Latest WEO Publication from IMF Website
```

---

**Description**

Determines the latest available WEO publication based on the current date.

**Usage**

```
weo_get_latest_publication(quiet = TRUE)
```

**Arguments**

`quiet` A logical indicating whether to print download information. Defaults to TRUE.

**Value**

A list with year and release

**Examples**

```
# List all series
weo_get_latest_publication(quiet = FALSE)
```

---

```
weo_get_series    Get Available WEO Series
```

---

**Description**

Returns a data frame with available series in the WEO database.

**Usage**

```
weo_get_series(year = NULL, release = NULL, quiet = TRUE)
```

**Arguments**

year	The year of a WEO publication (e.g., 2024). Defaults to latest publication year.
release	The release of a WEO publication ("Spring" or "Fall"). Defaults to latest publication release.
quiet	A logical indicating whether to print download information. Defaults to TRUE.

**Value**

A data frame with columns:

**series\_id** The WEO series ID (e.g., "NGDP\_RPCH")

**series\_name** Full name of the series (e.g., "Gross domestic product, constant prices")

**units** Units of measurement

**Examples**

```
# List all series
weo_get_series()
```

---

weo\_list\_publications *List Available IMF WEO Publications*

---

**Description**

Returns a data frame of available WEO publications from 2007 onwards. The IMF typically releases the WEO database twice per year:

- Spring (April)
- Fall (October)

**Usage**

```
weo_list_publications(
  start_year = 2007,
  end_year = as.integer(format(Sys.Date(), "%Y")),
  check_latest = FALSE
)
```

**Arguments**

start_year	Minimum year to include. Defaults to 2007.
end_year	Maximum year to include. Defaults to current year.
check_latest	Logical indicating whether to check whether the latest publication according to current date has been released. Defaults to FALSE.

**Value**

A data frame with columns:

**year** The year of the release

**release** The release name ("Spring" or "Fall")

**month** The month of release ("April" or "October")

**Examples**

```
weo_list_publications(check_latest = TRUE)
```

# Index

imfweo (imfweo-package), [2](#)  
imfweo-package, [2](#)

weo\_cache\_reset, [3](#)  
weo\_get, [3](#)  
weo\_get\_entities, [3, 4](#)  
weo\_get\_latest\_publication, [5](#)  
weo\_get\_series, [3, 5](#)  
weo\_list\_publications, [6](#)