

Package ‘ifo’

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Title Client for the Ifo Institute Time Series

Version 0.2.1

Description Download ifo business survey data and more time series from ifo institute <<https://www.ifo.de/en/ifo-time-series>>.

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URL <https://m-muecke.github.io/ifo/>, <https://github.com/m-muecke/ifo>

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

Depends R (>= 4.1.0)

Imports curl, data.table (>= 1.15.0), readxl, rvest, utils

Suggests ggplot2, knitr, testthat (>= 3.2.0)

Config/Needs/website knitr, rmarkdown

Config/testthat/edition 3

Encoding UTF-8

RoxygenNote 7.3.2

NeedsCompilation no

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

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

Repository CRAN

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ifo_business	<i>Return ifo business climate data</i>
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Description

Return ifo business climate data

Usage

```
ifo_business(  
  type = c("germany", "sectors", "eastern", "saxony"),  
  long_format = TRUE  
)
```

Arguments

type	(character(1)) Defaults to "germany". One of: • "germany": returns the ifo business climate index for Germany. • "sectors": returns the ifo business climate index for different sectors. • "eastern": returns the ifo business climate index for eastern Germany. • "saxony": returns the ifo business climate index for Saxony.
long_format	(logical(1)) If TRUE return the data in long format. Only applies to type "germany" and "sectors". Default TRUE.

Value

A `data.frame()` containing the monthly ifo business climate time series.

Source

<https://www.ifo.de/en/ifo-time-series>

See Also

The [article](#) for a reproducible example.

Examples

```
ifo_business("germany")
```

ifo_climate	<i>Return ifo climate data</i>
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Description

Return ifo climate data

Usage

```
ifo_climate(type = c("import", "export", "world", "euro"))
```

Arguments

type (character(1)) Defaults to "import". One of:

- "import": returns the ifo import climate.
- "export": returns the ifo export climate.
- "world": returns the ifo world economic climate.
- "euro": returns the ifo world economic climate for the euro zone.

Value

A `data.frame()` containing the monthly ifo climate time series.

References

Grimme C, Lehmann R, Nöller M (2018). "Das ifo Importklima – ein erster Frühindikator für die Prognose der deutschen Importe." *ifo Schnelldienst*, **71**(12), 27–32.

Grimme, Christian, Lehmann, Robert, Nöller, Marvin (2021). "Forecasting imports with information from abroad." *Economic Modelling*, **98**, 109–117.

Examples

```
ifo_climate("import")
```

ifo_expectation	<i>Return ifo expectation data</i>
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Description

Return ifo expectation data

Usage

```
ifo_expectation(type = c("export", "employment"))
```

Arguments

- type (character(1)) Defaults to "employment". One of:
- "export": returns the ifo export expectations for manufacturing.
 - "employment": returns the ifo employment barometer for Germany.

Value

A `data.frame()` containing the monthly ifo expectation time series.

Source

<https://www.ifo.de/en/ifo-time-series>

Examples

```
ifo_expectation("export")
```

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