

# Package ‘fiodata’

February 25, 2026

**Title** Regional and Multi-Regional Input-Output Data

**Version** 0.0.1

**Description** Provides Regional (Brazil, 2020) and Multi-Regional (World, 2000) input-output matrices for R. This package serves as a data-only companion to the 'fio' package, facilitating input-output analysis by providing standardized R6 data objects.

**License** CC0

**URL** <https://github.com/albersonmiranda/fiodata>

**BugReports** <https://github.com/albersonmiranda/fiodata/issues>

**Encoding** UTF-8

**RoxygenNote** 7.3.3

**LazyData** true

**LazyDataCompression** xz

**Depends** R (>= 3.5.0)

**Suggests** fio

**NeedsCompilation** no

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**Repository** CRAN

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`br_2020`*Brazil input-output matrix, year 2020, 51 sectors*

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**Description**

This dataset contains the Brazilian input-output matrix for the year 2020, with 51 sectors. The data is based on the Brazilian Institute of Geography and Statistics (IBGE) and the Brazilian Institute of Applied Economic Research (IPEA).

**Usage**`br_2020`**Format**`br_2020:`

A R6 class containing a set of matrices:

`id` Identifier of the new instance

`intermediate_transactions` Intermediate transactions matrix.

`total_production` Total production matrix.

`final_demand` Final demand matrix.

`exports` Exports matrix.

`imports` Imports matrix.

`taxes` Taxes matrix.

`value_added` Value added matrix.

**Source**

Brazilian Institute of Geography and Statistics (IBGE); Brazilian Institute of Applied Economic Research (IPEA); Center for Computational Studies in General Equilibrium (CECEG) at the Federal University of Espírito Santo (UFES).

**Examples**

```
# Access the object
br_2020

# View available matrices
names(br_2020)
```

---

`world_2000`*World input-output matrix, year 2000, 26 countries, 23 sectors.*

---

**Description**

This dataset contains a world input-output matrix for the year 2000, with 26 countries and 23 sectors. The data was compiled by the Computational General Equilibrium Study Center (CEGEC) at the Federal University of Espírito Santo (Brazil).

**Usage**`world_2000`**Format**`world_2000:`

A R6 class containing a set of matrices:

`id` Identifier of the new instance

`intermediate_transactions` Intermediate transactions matrix.

`total_production` Total production matrix.

`household_consumption` Household consumption matrix.

`government_consumption` Government consumption matrix.

`final_demand_others` Other final demand components matrix (GFCF and Stock Variation).

`taxes` Taxes matrix.

`value_added_others` Other value added components matrix (Labor, Capital, Other).

`countries` Vector with country names.

`sectors` Vector with sector names.

**Source**

Computational General Equilibrium Study Center (CEGEC) at the Federal University of Espírito Santo (UFES), Brazil.

**Examples**

```
# Access the object
```

```
world_2000
```

```
# View available components
```

```
names(world_2000)
```

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