

# Package ‘SIPDIBGE’

June 29, 2023

**Type** Package

**Title** Collection of Household Survey Packages Conducted by IBGE

**Version** 0.1.9

**Description** Provides access to packages developed for downloading, reading and analyzing microdata from household surveys conducted by Brazilian Institute of Geography and Statistics - IBGE.

More information can be obtained from the official website <<https://www.ibge.gov.br/>>.

**Depends** R (>= 3.2.0), COVIDIBGE (>= 0.1.0), PNADcIBGE (>= 0.6.0),  
PNSIBGE (>= 0.1.0)

**Imports** cli, graphics, grDevices, png, purrr, rstudioapi, tibble,  
utils

**Suggests** convey, dplyr, httr, magrittr, projmgr, RCurl, readr, readxl,  
srvyr, survey, timeDate

**License** GPL-3

**Encoding** UTF-8

**RoxygenNote** 7.1.2

**NeedsCompilation** no

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**BugReports** <https://github.com/Gabriel-Assuncao/SIPDIBGE/issues>

**Repository** CRAN

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sipd_conflicts	<i>Indicate conflicts of the packages inside SIPDIBGE</i>
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### Description

This function describes conflicts between functions of the packages inside SIPDIBGE and another installed packages.

### Usage

```
sipd_conflicts(survey = NULL)
```

### Arguments

survey	Name of the household survey for reference package information. If NULL, presents the information of all the packages inside this collection.
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### Value

A vector with conflicts of functions of the packages inside SIPDIBGE.

### Note

For more information, visit the survey official website <<https://www.ibge.gov.br/>> and consult the other functions of this package, described below.

### See Also

[sipd\\_deps](#) for indicating dependencies of the packages inside SIPDIBGE.  
[sipd\\_logo](#) for showing logos of the packages inside SIPDIBGE.  
[sipd\\_packages](#) for indicating the packages inside SIPDIBGE.  
[sipd\\_sitrep](#) for indicating version information for the packages inside SIPDIBGE.  
[sipd\\_update](#) for indicating the existence of an update for the packages inside SIPDIBGE.

### Examples

```
sipd_conflicts()  
# Presenting information about the COVIDIBGE package  
sipd_conflicts(survey="COVID")  
# Presenting information about the PNADcIBGE package  
sipd_conflicts(survey="PNADC")  
# Presenting information about the PNSIBGE package  
sipd_conflicts(survey="PNS")
```

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`sipd_deps`*Indicate dependencies of the packages inside SIPDIBGE*

---

## Description

This function describes packages in dependencies list of the packages inside SIPDIBGE.

## Usage

```
sipd_deps(survey = NULL)
```

## Arguments

`survey` Name of the household survey for reference package information. If NULL, presents the information of all the packages inside this collection.

## Value

A vector with packages in dependencies list of the packages inside SIPDIBGE.

## Note

For more information, visit the survey official website <<https://www.ibge.gov.br/>> and consult the other functions of this package, described below.

## See Also

[sipd\\_conflicts](#) for indicating conflicts of the packages inside SIPDIBGE.

[sipd\\_logo](#) for showing logos of the packages inside SIPDIBGE.

[sipd\\_packages](#) for indicating the packages inside SIPDIBGE.

[sipd\\_sitrep](#) for indicating version information for the packages inside SIPDIBGE.

[sipd\\_update](#) for indicating the existence of an update for the packages inside SIPDIBGE.

## Examples

```
sipd_deps()  
# Presenting information about the COVIDIBGE package  
sipd_deps(survey="COVID")  
# Presenting information about the PNADcIBGE package  
sipd_deps(survey="PNADC")  
# Presenting information about the PNSIBGE package  
sipd_deps(survey="PNS")
```

---

`sipd_logo`*Show logos of the packages inside SIPDIBGE*

---

**Description**

This function shows the survey logos of the packages inside SIPDIBGE.

**Usage**

```
sipd_logo(survey = NULL)
```

**Arguments**

<code>survey</code>	Name of the household survey for reference package information. If NULL, shows the logos of all the packages inside this collection, including the SIPD logo.
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**Value**

An image with the logos required of the packages inside SIPDIBGE.

**Note**

For more information, visit the survey official website <<https://www.ibge.gov.br/>> and consult the other functions of this package, described below.

**See Also**

[sipd\\_conflicts](#) for indicating conflicts of the packages inside SIPDIBGE.  
[sipd\\_deps](#) for indicating dependencies of the packages inside SIPDIBGE.  
[sipd\\_packages](#) for indicating the packages inside SIPDIBGE.  
[sipd\\_sitrep](#) for indicating version information for the packages inside SIPDIBGE.  
[sipd\\_update](#) for indicating the existence of an update for the packages inside SIPDIBGE.

**Examples**

```
sipd_logo()  
# Presenting information about the COVIDIBGE package  
sipd_logo(survey="COVID")  
# Presenting information about the PNADcIBGE package  
sipd_logo(survey="PNADC")  
# Presenting information about the PNSIBGE package  
sipd_logo(survey="PNS")
```

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sipd_packages	<i>Indicate names of the packages inside SIPDIBGE</i>
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### Description

This function describes the packages inside SIPDIBGE.

### Usage

```
sipd_packages(survey = NULL)
```

### Arguments

survey	Name of the household survey for reference package information. If NULL, presents the information of all the packages inside this collection.
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### Value

A vector with names of the packages inside SIPDIBGE.

### Note

For more information, visit the survey official website <<https://www.ibge.gov.br/>> and consult the other functions of this package, described below.

### See Also

[sipd\\_conflicts](#) for indicating conflicts of the packages inside SIPDIBGE.  
[sipd\\_deps](#) for indicating dependencies of the packages inside SIPDIBGE.  
[sipd\\_logo](#) for showing logos of the packages inside SIPDIBGE.  
[sipd\\_sitrep](#) for indicating version information for the packages inside SIPDIBGE.  
[sipd\\_update](#) for indicating the existence of an update for the packages inside SIPDIBGE.

### Examples

```
sipd_packages()  
# Presenting information about the COVIDIBGE package  
sipd_packages(survey="COVID")  
# Presenting information about the PNADcIBGE package  
sipd_packages(survey="PNADC")  
# Presenting information about the PNSIBGE package  
sipd_packages(survey="PNS")
```

---

`sipd_sitrep`*Indicate version information of the packages inside SIPDIBGE*

---

## Description

This function describes version information of the packages inside SIPDIBGE.

## Usage

```
sipd_sitrep(survey = NULL)
```

## Arguments

`survey` Name of the household survey for reference package information. If NULL, presents the information of all the packages inside this collection.

## Value

A vector with version information of the packages inside SIPDIBGE.

## Note

For more information, visit the survey official website <<https://www.ibge.gov.br/>> and consult the other functions of this package, described below.

## See Also

[sipd\\_conflicts](#) for indicating conflicts of the packages inside SIPDIBGE.  
[sipd\\_deps](#) for indicating dependencies of the packages inside SIPDIBGE.  
[sipd\\_logo](#) for showing logos of the packages inside SIPDIBGE.  
[sipd\\_packages](#) for indicating the packages inside SIPDIBGE.  
[sipd\\_update](#) for indicating the existence of an update for the packages inside SIPDIBGE.

## Examples

```
sipd_sitrep()  
# Presenting information about the COVIDIBGE package  
sipd_sitrep(survey="COVID")  
# Presenting information about the PNADcIBGE package  
sipd_sitrep(survey="PNADC")  
# Presenting information about the PNSIBGE package  
sipd_sitrep(survey="PNS")
```

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sipd_update	<i>Indicate version updates of the packages inside SIPDIBGE</i>
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**Description**

This function describes version updates of the packages inside SIPDIBGE.

**Usage**

```
sipd_update(survey = NULL)
```

**Arguments**

survey            Name of the household survey for reference package information. If NULL, presents the information of all the packages inside this collection.

**Value**

A vector with version updates of the packages inside SIPDIBGE.

**Note**

For more information, visit the survey official website <<https://www.ibge.gov.br/>> and consult the other functions of this package, described below.

**See Also**

[sipd\\_conflicts](#) for indicating conflicts of the packages inside SIPDIBGE.  
[sipd\\_deps](#) for indicating dependencies of the packages inside SIPDIBGE.  
[sipd\\_logo](#) for showing logos of the packages inside SIPDIBGE.  
[sipd\\_packages](#) for indicating the packages inside SIPDIBGE.  
[sipd\\_sitrep](#) for indicating version information for the packages inside SIPDIBGE.

**Examples**

```
sipd_update()  
# Presenting information about the COVIDIBGE package  
sipd_update(survey="COVID")  
# Presenting information about the PNADcIBGE package  
sipd_update(survey="PNADC")  
# Presenting information about the PNSIBGE package  
sipd_update(survey="PNS")
```

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