

# Package ‘SIPDIBGE’

February 1, 2024

**Type** Package

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

**Version** 0.2.1

**Description** Provides access to packages developed for downloading, reading and analyzing microdata from household surveys in Integrated System of Household Surveys - SIPD 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), PNDcSIBGE (>= 0.1.0), 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

**Author** Gabriel Assuncao [aut, cre],  
Luna Hidalgo [aut],  
Douglas Braga [ctb],  
Viviane Quintaes [ctb]

**Maintainer** Gabriel Assuncao <[pacotesipd@ibge.gov.br](mailto:pacotesipd@ibge.gov.br)>

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

**Repository** CRAN

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## R topics documented:

sipd_conflicts	2
sipd_deps	3

sipd_logo . . . . .	4
sipd_packages . . . . .	5
sipd_sitrep . . . . .	6
sipd_update . . . . .	7

<b>Index</b>	<b>8</b>
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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 PNDISIBGE package
```

```
sipd_conflicts(survey="PNDS")  
# Presenting information about the PNSIBGE package  
sipd_conflicts(survey="PNS")  
# Presenting information about the POFIBGE package  
sipd_conflicts(survey="POF")
```

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sipd\_deps

*Indicate dependencies of the packages inside SIPDIBGE*

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## 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="PNDS")
```

```
# Presenting information about the PNSIBGE package
sipd_deps(survey="PNS")
# Presenting information about the POFIBGE package
sipd_deps(survey="POF")
```

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sipd_logo	<i>Show logos of the packages inside SIPDIBGE</i>
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## Description

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

## Usage

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

## Arguments

survey	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 PNDISIBGE package
sipd_logo(survey="PNDS")
```

```
# Presenting information about the PNSIBGE package
sipd_logo(survey="PNS")
# Presenting information about the POFIBGE package
sipd_logo(survey="POF")
```

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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.
--------	---

## 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 PNDSIBGE package
sipd_packages(survey="PNDS")
# Presenting information about the PNSIBGE package
```

```
sipd_packages(survey="PNS")  
# Presenting information about the POFIBGE package  
sipd_packages(survey="POF")
```

---

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 PNDSIBGE package  
sipd_sitrep(survey="PNDS")  
# Presenting information about the PNSIBGE package  
sipd_sitrep(survey="PNS")
```

```
# Presenting information about the POFIBGE package
sipd_sitrep(survey="POF")
```

---

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 PNDcIBGE package
sipd_update(survey="PNDc")
# Presenting information about the PNSIBGE package
sipd_update(survey="PNS")
# Presenting information about the POFIBGE package
sipd_update(survey="POF")
```

# Index

[sipd\\_conflicts](#), [2](#), [3-7](#)  
[sipd\\_deps](#), [2](#), [3](#), [4-7](#)  
[sipd\\_logo](#), [2](#), [3](#), [4](#), [5-7](#)  
[sipd\\_packages](#), [2-4](#), [5](#), [6](#), [7](#)  
[sipd\\_sitrep](#), [2-5](#), [6](#), [7](#)  
[sipd\\_update](#), [2-6](#), [7](#)