Package 'phscs'

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Type Package

Title Philippine Statistical Classification Systems

Version 0.2.0

Description A unified interface to access and manipulate various Philippine statistical classifications. It allows users to retrieve, filter, and harmonize classification data, making it easier to work with Philippine statistical data in R.

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Encoding UTF-8

Imports cli, psgc

Suggests jsonlite, testthat (>= 3.0.0), gt, rmarkdown, knitr, usethis

Config/testthat/edition 3

RoxygenNote 7.3.3

Depends R (>= 3.5)

VignetteBuilder knitr

BugReports https://github.com/yng-me/phscs/issues

URL https://yng-me.github.io/phscs/, https://github.com/yng-me/phscs

NeedsCompilation no

Repository CRAN

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Contents

`get_pcoicop` *Philippine Classification of Individual Consumption According to Purpose (PCOICOP)*

Description

Philippine Classification of Individual Consumption According to Purpose (PCOICOP)

Usage

```
get_pcoicop(version = NULL, level = NULL, minimal = TRUE, cols = NULL)
```

Arguments

`version`	Character. Version of the PCOICOP dataset. Default is the latest available (`"2020"`). Use `"2009"` for the 2009 edition.
`level`	Character. Classification level: `"all"`, `"divisions"`, `"groups"`, `"class"`, `"sub-class"`, `"item"`, or `"subitem"` (default).
`minimal`	Logical. If `TRUE` (default), returns only `value` and `label` columns.
`cols`	Optional character vector of additional columns to include (`"description"` is the only extra column available).

Value

A data frame of PCOICOP classifications.

References

https://psa.gov.ph/classification/pcoicop

Examples

```
pcoicop <- get_pcoicop()
pcoicop_divisions <- get_pcoicop(level = "divisions")
```

get_pcpc *Philippine Central Product Classification (PCPC)*

Description

Philippine Central Product Classification (PCPC)

Usage

```
get_pcpc(version = NULL, level = NULL, minimal = TRUE, cols = NULL)
```

Arguments

`version`	Character. Version of the PCPC dataset. Default is the latest available (`"2002"`).
`level`	Character. Classification level: `"all"`, `"sections"`, `"divisions"`, `"groups"`, `"classes"`, `"sub-classes"`, or `"item"` (default).
`minimal`	Logical. If `TRUE` (default), returns only `value` and `label` columns.
`cols`	Optional character vector of additional columns to include (`"description"` is the only extra column available).

Value

A data frame of PCPC classifications.

References

https://psa.gov.ph/classification/pcpc

Examples

```
pcpc <- get_pcpc()
pcpc_sections <- get_pcpc(level = "sections")
```

get_psccs *Philippine Standard Commodity Classification System (PSCCS)*

Description

Philippine Standard Commodity Classification System (PSCCS)

Usage

```
get_psccs(version = NULL, level = NULL, minimal = TRUE, cols = NULL)
```

Arguments

version	Character. Version of the PSCCS dataset. Default is the latest available ("2018").
level	Character. Classification level: "all", "section", "divisions", "groups", "classes", or "sub-classes" (default).
minimal	Logical. If TRUE (default), returns only value and label columns.
cols	Optional character vector of additional columns to include ("description" is the only extra column available).

Value

A data frame of PSCCS classifications.

References

https://psa.gov.ph/classification/psccs

Examples

```
psccs <- get_psccs()
psccs_sections <- get_psccs(level = "section")
```

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get_psced *Philippine Standard Classification of Education (PSCED)*

Description

Philippine Standard Classification of Education (PSCED)

Usage

```
get_psced(version = NULL, level = NULL, minimal = TRUE, cols = NULL)
```

Arguments

version	Character. Version of the PSCED dataset. Default is the latest available ("2017").
level	Character. Classification level: "all", "levels", "broadfield", "narrowfield", or "detailedfield" (default).
minimal	Logical. If TRUE (default), returns only value and label columns.
cols	Optional character vector of additional columns to include ("description" is the only extra column available).

Value

A data frame of PSCED classifications.

References

https://psa.gov.ph/classification/psced

Examples

```
psced <- get_psced()
psced_levels <- get_psced(level = "levels")
```

`get_psgc` *Philippine Standard Geographic Code (PSGC)*

Description

Re-exported from the psgc package. See `get_psgc` for full documentation.

Usage

```
get_psgc(
  release = latest_release(),
  geographic_level = NULL,
  include_population_data = FALSE
)
```

Arguments

`release`	A release name from [list_releases()]. Defaults to [latest_release()].
`geographic_level`	A character vector of geographic levels to filter by. Accepts canonical codes (‘"Reg"‘, ‘"Prov"‘, ‘"City"‘, ‘"Mun"‘, ‘"SubMun"‘, ‘"Bgy"‘) as well as common aliases such as ‘"Region"‘, ‘"Province"‘, ‘"Municipality"‘, ‘"Barangay"‘, ‘"Sub-Municipality"‘, etc. Use ‘"city_mun"‘ (or aliases like ‘"City-Municipality"‘) to include both cities and municipalities. ‘NULL‘ (default) returns all levels.
`include_population_data`	Logical. If ‘TRUE‘, census population figures are joined onto the result, adding ‘population‘ (integer) and ‘year‘ columns. Each geographic unit produces one row per available census year. Defaults to ‘FALSE‘.

Value

A data frame of PSGC geographic data.

References

https://psa.gov.ph/classification/psgc

Examples

```
psgc <- get_psgc()
psgc_regions <- get_psgc(geographic_level = "region")
```

get_psic *Philippine Standard Industrial Classification (PSIC)*

Description

Philippine Standard Industrial Classification (PSIC)

Usage

```
get_psic(version = NULL, level = NULL, minimal = TRUE, cols = NULL)
```

Arguments

version	Character. Version of the PSIC dataset. Default is the latest available ("2019").
level	Character. Classification level: "all", "sections", "divisions", "groups", "classes", or "sub-classes" (default).
minimal	Logical. If TRUE (default), returns only value and label columns.
cols	Optional character vector of additional columns to include ("description" is the only extra column available).

Value

A data frame of PSIC classifications.

References

https://psa.gov.ph/classification/psic

Examples

```
psic <- get_psic()
psic_sections <- get_psic(level = "sections")
```

get_psoc *Philippine Standard Occupational Classification (PSOC)*

Description

Philippine Standard Occupational Classification (PSOC)

Usage

```
get_psoc(version = NULL, level = NULL, minimal = TRUE, cols = NULL)
```

Arguments

version	Character. Version of the PSOC dataset. Default is the latest available ("2012").
level	Character. Classification level: "all", "major", "sub-major", "minor", or "unit" (default).
minimal	Logical. If TRUE (default), returns only value and label columns.
cols	Optional character vector of additional columns to include ("description" is the only extra column available).

Value

A data frame of PSOC classifications.

References

https://psa.gov.ph/classification/psoc

Examples

```
psoc <- get_psoc()
psoc_major <- get_psoc(level = "major")
```

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shorten_region_name *Shorten region name*

Description

This function shortens the region names in a PSGC data frame.

Usage

```
shorten_region_name(data, which = c("label", "number"), col = "area_name")
```

Arguments

data	A data frame containing PSGC data.
which	Character. Specifies whether to shorten the region name by label or number. Options are "label" or "number".
col	Character. The name of the column containing the area names. Default is "area_name".

Value

A data frame with the region names shortened based on the specified which argument.

Examples

```
regions <- get_psgc(geographic_level = "region")
shorten_region_name(regions)
shorten_region_name(regions, which = "number")
```

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