

# Package ‘phscs’

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**Type** Package

**Title** Philippine Statistical Classification Systems

**Version** 0.1.0

**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** purrr (>= 1.0.2), jsonlite (>= 1.8.8), dplyr (>= 1.1.0), tidyverse (>= 1.3.1), stringr (>= 1.4.0)

**Suggests** rlang (>= 1.0.2), testthat (>= 3.0.0), utils (>= 4.0.0), cli, gt, rmarkdown, knitr

**Config/testthat/edition** 3

**RoxygenNote** 7.3.3

**Depends** R (>= 4.1.0)

**VignetteBuilder** knitr

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

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

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get_pcoicop	<i>Philippine Classification of Individual Consumption According to Purpose (PCOICOP)</i>
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**Description**

Philippine Classification of Individual Consumption According to Purpose (PCOICOP)

**Usage**

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

**Arguments**

...	See <code>?dplyr::filter</code> . Expressions that return a logical value, and are defined in terms of the variables in returned data. If multiple expressions are included, they are combined with the <code>&amp;</code> operator. Only rows for which all conditions evaluate to TRUE are kept.
token	Character. API access token.
version	Character. Version of the PCOICOP to retrieve. Default is NULL. If NULL, the latest version is used.
level	Character. Level of detail to retrieve. Options are "all", "divisions", "groups", "class", "sub-class", "item", and "subitem".
harmonize	Logical. If TRUE, formats and standardizes the returned data. Default is TRUE.
minimal	Logical. If TRUE, returns a simplified dataset. Default is TRUE.
cols	Optional. Character vector of additional columns to include when <code>minimal = FALSE</code> .

**Value**

A tibble containing the requested PCOICOP data.

## References

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

## Examples

```
## Not run:
get_pcoicop(token = "your_api_token")

## End(Not run)
# If token is not provided, the function will fetch from local cache or
# download the latest version from remote repo
pcoicop <- get_pcoicop()

# Get specific level
pcoicop_filtered <- get_pcoicop(level = "divisions")
pcoicop_filtered
```

get\_pcpc

*Philippine Central Product Classification (PCPC)*

## Description

Philippine Central Product Classification (PCPC)

## Usage

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

## Arguments

...	See <code>?dplyr::filter</code> . Expressions that return a logical value, and are defined in terms of the variables in returned data. If multiple expressions are included, they are combined with the <code>&amp;</code> operator. Only rows for which all conditions evaluate to <code>TRUE</code> are kept.
token	Character. API access token.
version	Character. Version of the PCPC to retrieve. Default is <code>NULL</code> . If <code>NULL</code> , the latest version is used.
level	Character. Level of detail to retrieve. Options are <code>"all"</code> , <code>"sections"</code> , <code>"divisions"</code> , <code>"groups"</code> , <code>"classes"</code> , <code>"sub-classes"</code> , and <code>"item"</code> .

<code>harmonize</code>	Logical. If TRUE, formats and standardizes the returned data. Default is TRUE.
<code>minimal</code>	Logical. If TRUE, returns a simplified dataset. Default is TRUE.
<code>cols</code>	Optional. Character vector of additional columns to include when <code>minimal</code> = FALSE.

**Value**

A tibble containing the requested PCPC data.

**References**

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

**Examples**

```
## Not run:
get_pcpc(token = "your_api_token")

## End(Not run)

# If token is not provided, the function will fetch from local cache or
# download the latest version from remote repo
pcpc <- get_pcpc()

# Get specific level
pcpc_filtered <- get_pcpc(level = "sections")
pcpc_filtered
```

*get\_psced*

*Philippine Standard Classification of Education (PSCED)*

**Description**

Philippine Standard Classification of Education (PSCED)

**Usage**

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

## Arguments

...	See <code>?dplyr::filter</code> . Expressions that return a logical value, and are defined in terms of the variables in returned data. If multiple expressions are included, they are combined with the <code>&amp;</code> operator. Only rows for which all conditions evaluate to TRUE are kept.
token	Character. API access token.
version	Character. Version of the PSCED dataset. Default is NULL. If NULL, the latest version is used.
level	Character. Classification levels such as "all", "levels", "broadfield", "narrowfield", and "detailedfield". Default is "detailedfield".
harmonize	Logical. If TRUE, formats and standardizes the returned data. Default is TRUE.
minimal	Logical. If TRUE, returns a simplified dataset. Default is TRUE.
cols	Optional. Character vector of additional columns to include when <code>minimal = FALSE</code> .

## Value

A data frame of PSCED classifications.

## References

[https://psa.gov.ph/classification/pssc](https://psa.gov.ph/classification/ppsc)

## Examples

```
## Not run:  
get_pscd(token = "your_api_token")  
  
## End(Not run)  
# If token is not provided, the function will fetch from local cache or  
# download the latest version from remote repo  
pscde <- get_pscd()  
  
# Get specific level  
pscde_filtered <- get_pscd(level = "levels")  
pscde_filtered
```

---

## Description

Philippine Standard Geographic Code (PSGC)

**Usage**

```
get_psgc(
  ...,
  token = NULL,
  version = NULL,
  level = NULL,
  harmonize = TRUE,
  minimal = TRUE,
  cols = NULL
)
```

**Arguments**

...	See <code>?dplyr::filter</code> . Expressions that return a logical value, and are defined in terms of the variables in returned data. If multiple expressions are included, they are combined with the <code>&amp;</code> operator. Only rows for which all conditions evaluate to TRUE are kept.
token	Character. API access token. If <code>NULL</code> , retrieves data from the local cache.
version	Character. PSGC version such as: <code>"Q3_2025"</code> , <code>"July_2025"</code> , <code>"Q2_2025"</code> , <code>"Q1_2025"</code> , <code>"April_2024"</code> , <code>"Q4_2024"</code> , <code>"Q3_2024"</code> , <code>"Q2_2024"</code> , and <code>"Q4_2023"</code> , <code>"Q2_2021"</code> . If <code>NULL</code> , retrieves the latest version available in the local cache.
level	Character. Level of geographic data to retrieve. Available options are: <code>"all"</code> , <code>"regions"</code> , <code>"provinces"</code> , <code>"hucs"</code> <code>"municipalities"</code> , <code>"sub_municipalities"</code> <code>"barangays"</code> , <code>"income_classification"</code> , <code>"urban_rural"</code> , and <code>"city_class"</code> .
harmonize	Logical. If <code>TRUE</code> , formats and standardizes the returned data. Default is <code>TRUE</code> .
minimal	Logical. If <code>TRUE</code> , returns a simplified dataset. Default is <code>TRUE</code> .
cols	Optional. Character vector of additional columns to include when <code>minimal = FALSE</code> .

**Value**

A data frame of PSGC geographic data.

**References**

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

**Examples**

```
## Not run:
get_psgc(token = "your_api_token")

## End(Not run)

# If token is not provided, the function will fetch from local cache or
# download the latest version from remote repo
psgc <- get_psgc()
```

```
# Get specific level
psgc_regions <- get_psgc(level = "regions")
psgc_regions
```

---

**get\_psic***Philippine Standard Industrial Classification (PSIC)*

---

**Description**

Philippine Standard Industrial Classification (PSIC)

**Usage**

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

**Arguments**

...	See <code>?dplyr::filter</code> . Expressions that return a logical value, and are defined in terms of the variables in returned data. If multiple expressions are included, they are combined with the <code>&amp;</code> operator. Only rows for which all conditions evaluate to TRUE are kept.
token	Character. API access token.
version	Character. Version of the PSIC dataset. Default is NULL. If NULL, the latest version is used.
level	Character. Classification level such as "all", "sections", "divisions", "groups", "classes", and "sub-classes".
harmonize	Logical. If TRUE, formats and standardizes the returned data. Default is TRUE.
minimal	Logical. If TRUE, returns a simplified dataset. Default is TRUE.
cols	Optional. Character vector of additional columns to include when <code>minimal = FALSE</code> .

**Value**

A data frame of PSIC classifications.

**References**

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

## Examples

```
## Not run:
get_psic(token = "your_api_token")

## End(Not run)
# If token is not provided, the function will fetch from local cache or
# download the latest version from remote repo
psic <- get_psic()

# Get specific level
psic_filtered <- get_psic(level = "sections")
psic_filtered
```

get\_psoc

*Philippine Standard Occupational Classification (PSOC)*

## Description

Philippine Standard Occupational Classification (PSOC)

## Usage

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

## Arguments

...	See <code>?dplyr::filter</code> . Expressions that return a logical value, and are defined in terms of the variables in returned data. If multiple expressions are included, they are combined with the <code>&amp;</code> operator. Only rows for which all conditions evaluate to <code>TRUE</code> are kept.
token	Character. API access token.
version	Character. Version of the PSOC dataset. Default is <code>NULL</code> . If <code>NULL</code> , the latest version is used.
level	Character. Classification level such as <code>"all"</code> , <code>"major"</code> , <code>"sub-major"</code> , <code>"minor"</code> , and <code>"unit"</code> .
harmonize	Logical. If <code>TRUE</code> , formats and standardizes the returned data. Default is <code>TRUE</code> .
minimal	Logical. If <code>TRUE</code> , returns a simplified dataset. Default is <code>TRUE</code> .
cols	Optional. Character vector of additional columns to include when <code>minimal = FALSE</code> .

**Value**

A data frame of PSOC classifications.

**References**

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

**Examples**

```
## Not run:
get_psoc(token = "your_api_token")

## End(Not run)
# If token is not provided, the function will fetch from local cache or
# download the latest version from remote repo
psoc <- get_psoc()

# Get specific level
psoc_filtered <- get_psoc(level = "major")
psoc_filtered
```

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(level = "regions")
shorten_region_name(regions)
shorten_region_name(regions, which = "number")
```

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