

# Package: easyestat (via r-universe)

August 16, 2024

**Title** What the Package Does (One Line, Title Case)

**Version** 0.0.0.9000

**Description** What the package does (one paragraph).

**License** MIT + file LICENSE

**Encoding** UTF-8

**Imports** dplyr (>= 0.8.3), glue (>= 1.3.1), httr (>= 1.4.1), magrittr (>= 1.5), purrr (>= 0.3.3), rlang (>= 0.4.2), sf (>= 0.8-1), stringi (>= 1.4.6), stringr (>= 1.4.0), tibble (>= 2.1.3), tidyselect (>= 1.0.0), tidyr (>= 1.0.2), units (>= 0.6.6)

**Suggests** devtools (>= 2.2.1), pkgdown (>= 1.4.1.9000)

**LazyData** true

**URL** <https://uribo.github.io/easyestat/>,  
<https://github.com/uribo/easyestat>

**BugReports** <https://github.com/uribo/easyestat/issues>

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.2.0

**Depends** R (>= 2.10)

**Repository** <https://uribo.r-universe.dev>

**RemoteUrl** <https://github.com/uribo/easyestat>

**RemoteRef** HEAD

**RemoteSha** f91204a7d1f89bad3a720a3bf11d85105c93f9c1

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download\_stat\_map      *Download Japan prefecture map from e-Stat*

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### Description

Download Japan prefecture map from e-Stat

### Usage

```
download_stat_map(  
  prefcode,  
  exdir = ".",  
  dest = TRUE,  
  .survey_id = c("A002005212015")  
)
```

### Arguments

prefcode	The JIS-code for prefecture and city identical number. If prefecture, must be from 1 to 47.
exdir	The directory to extract files to (the equivalent of unzip -d). It will be created if necessary.
dest	If <i>TRUE</i> , to unzip downloaded files.
.survey_id	survey id (A00200521YYYY is small area, D00200521YYYY is did area)

### See Also

<https://www.e-stat.go.jp/gis>

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read\_estat\_map      *Read e-Stat aggregation unit boundary data*

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### Description

The GIS data downloaded from e-Stat is read and converted into an easy to process `sf::sf` format. You can use `download_stat_map()` to download the data.

### Usage

```
read_estat_map(file, type = "aggregate_unit", remove_cols = TRUE)
```

**Arguments**

file	Path to downloaded e-Stat shape file
type	Currently, only "aggregate_unit" is used.
remove_cols	Whether or not to remove redundant columns. When <i>TRUE</i> (the default), the following columns are removed (See details). These columns can be substituted or sought with values from other columns. <ul style="list-style-type: none"> <li>• S_AREA</li> <li>• KAx_x_, KAx_x_id</li> <li>• KEN, KEN_NAME</li> <li>• DUMMY1</li> <li>• X_CODE, Y_CODE</li> </ul>

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read_estat_meshpop	<i>Read e-Stat mesh population census data</i>
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**Description**

Read e-Stat mesh population census data

**Usage**

```
read_estat_meshpop(file, is_long = FALSE, mesh_size = 0.5)
```

**Arguments**

file	Path to downloaded e-Stat text file, such as tblT000847H{meshcode}.txt
is_long	If <i>TRUE</i> , make the population category a single variable and make the values of the counterpart population independent.
mesh_size	Currently, only 0.5 (500m mesh)

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