# Health Statistics and Health Research Database

## User guide

2017

# Health Statistics and Health Research Database

**www.tai.ee/tstua**

The Health Statistics and Health Research Database is Estonian largest set of health-related statistics and survey results administrated by National Institute for Health Development (NIHD). The database's user interface is available in Estonian and English. The data tables presented can be viewed online or downloaded using different file formats.

Database is constantly being updated with new data. The dates on which existing data tables are updated and new data added are given in the release calendar.

Use of the database is free of charge.

## Structure of database

The Health Statistics and Health Research Database is divided into the following subject areas:
- Population
- Morbidity
- Use of healthcare and reasons for treatment
- Healthcare resources and their use
- Health and health behaviour
- Statistics on medicines
- Data for health profiles
- Statistics on Estonian National Health Information System

## Finding data

There are two ways of finding data:
   a) By navigating through the directory tree of subject areas.
   b) Text or code search – Select suitable subject area and enter a keyword or table code in the search field. To search keywords in different forms, add asterisk at the end of the keyword (e.g. *alco\**, which finds keywords as *alcohol*, *alcoholic liver disease* etc). The *Search* function runs separately in every subject area.

🏠   moving back to database' homepage



Each table has a unique code at the beginning of the title which you can later use to find the table by using the *Search* function. The date on which the data was last updated is displayed after the title.

1. **AV10: Physician's outpatient and home visits by age group, occupation and county**
   Modified: 3/1/2017
     - **Year:** 2004, 2005, 2006, 2007, ..., 2015 (12)
     - **Indicator:** Outpatient visits, Home visits, (2)
     - **Occupation:** Physicians, ..Endocrinologist, ..Gastroenterologist, ..Hematologist, ..., Dentist (40)
     - **Age group:** All age groups, 0-14, 15 and older, (3)
     - **County:** Estonia, Harju county, ..Tallinn, Hiiu county, ..., Estonian Defence Forces (19)

2. **AV11: Physician's outpatient visits by age group, occupation and county (quarters)**
   Modified: 3/1/2017
     - **Year:** 2008, 2009, 2010, 2011, ..., 2016 (9)
     - **Quarter:** 1st quarter, 2nd quarter, 3rd quarter, 4th quarter, All quarters (5)
     - **Occupation:** Physicians, ..Endocrinologist, ..Gastroenterologist, ..Hematologist, ..., Dentist (40)
     - **Age group:** All age groups, 0-14, 15 and older, (3)
     - **County:** Estonia, Harju county, ..Tallinn, Hiiu county, ..., Estonian Defence Forces (19)

## Forming a data table

When you have found the data table you are looking for, click on its title to open a window to select the values of the variables.



## 1. Selecting data

a) Using the scroll bar and marking the desired values with the mouse
   - Selecting multiple consecutive values: Select the first value, press and hold down the *Shift* key and mark the last desired value.
   - Selecting multiple non-consecutive values: Press and hold down the *Ctrl* key and use the mouse to mark the desired values.

b) Using the search field below each variable: Enter the entire word or part of it in the search field and click the ▶ button. The variables matching the search are marked as a result.

**Functions of buttons:**

| | |
|---|---|
| ✱ | at least one value of the variable must be selected |
| ☑ | selects all values in the box |
| ➖ | deselects all selected values |
| ⬆ | sorts values ascending |
| ⬇ | sorts values descending |
| ▶ | starts word search within the values |

## 2. Presenting data

a) To view the data on the screen, press **Continue** after selecting the data.

b) To download the data: Choose the desired file format from the drop-down menu and press **Continue**

To download data into Excel, choose Excel (xlsx) as file format.

To import data into some other program, choose delimited (CSV) or JSON-stat (json) as file format.

PC-Axis file is database own file format (.px), which can be processed for example with free program PX-Edit, developed by Statistics Finland (additional information: http://tilastokeskus.fi/tup/pcaxis/lataus_tyokalut_en.html).

Data can be downloaded also after the table is formed on the screen.

### Additional information about data

*Information:*
- unit of measurement
- latest update
- source
- matrix (table code)

*Footnotes:* notes about the data

*Detailed information – Definitions and methodology:*
- terminology and definitions related to the subject area
- methodology and description of the classifications used
- list of publications related to the subject area
- references to data sources related to the subject area
- contact information of the person you can contact for supplementary data or additional requests

## Data table formed

| Edit and Calculate ▼ | Save table as ▼ | Table ▼ |
|---|---|---|

PX XLS

+ Table settings

+ Save your retrieval

**AV41: Physician's outpatient and home visits by age group and county**

| | | Harju county | Hiiu county | Ida-Viru county | Jõgeva county | Järva county | Lääne county | Lääne-Viru county | Põlva county | Pärnu county | Rapla county | Saare county | Tartu county | Valga county | Viljandi county | Võru county |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 |
| All age groups | Outpatient visits | 3,595,319 | 50,081 | 983,654 | 180,408 | 177,819 | 125,991 | 333,162 | 142,930 | 558,100 | 166,572 | 177,023 | 1,220,835 | 149,808 | 290,439 | 185,694 |
| | Home visits | 15,778 | 689 | 10,216 | 1,042 | 1,065 | 500 | 1,662 | 1,225 | 1,423 | 537 | 981 | 4,102 | 1,024 | 1,390 | 1,593 |

**Footnotes**

*Definitions and methodology*

*County - location of service provider.*
*01.03.2017 corrected 2013 and 2014 data for home visits.*

**Information**

Unit
    Number

Latest update
    3/1/2017

Source
    National Institute for Health Development

Matrix
    AV41

Make this table available in your application

**Functions of buttons:**

<u>Edit and Calculate</u>

Rotate the table manually, clockwise or counter clockwise

Calculate percentage

Σ    Sum a variable and add a row or column with summed values

<u>Save table as</u>

**PX**    Save as a PC-Axis file (.px)

**XLS**    Save as an Excel file (.xlsx)

<u>Table</u>

Sort table alphabetically by text or size of data

Show table as a column chart

Show table as a horizontal bar chart

Show table as a line chart

Show table as a point chart

More functions, options for saving and presenting the data can be found by opening drop-down menus.

## Save your retrieval

It is possible to save database retrieval and return later to the same table by using a given web address.
To save the results, select if retrieval has:
    a) a fixed starting time point and the new time periods will be added
    b) a rolling start time point and an unchanged number of latest time periods
    c) the same time periods with same starting and end point

+ Table settings

— Save your retrieval

**Update options**        **About save your retrieval**
What do you want to do with your saved search if the tables are updated with new time periods?  Save your retrieval so you can return to the same table by using a web address

◉ **Update the search with a fixed starting time point and the new time periods**

○ **Update the search with a rolling start time point and an unchanged number of time periods**

○ **Don't update the search, but show the same time periods as on the screen**

**Save the result as (mandatory):**

Select format ▾

| Select format |
| Same as shown on screen |
| PC-Axis file |
| Tab delimited with heading |
| Comma delimited with heading |
| Space delimited with heading |
| Semicolon delimited with heading |
| Excel (xlsx) |
| Excel (xlsx) with code and text column |
| JSON-stat file (json) |

Cancel   Finish

...and home visits by age group and county

| | | ...nty | Ida-Viru county | Jõgeva county | Järva county | Lääne county | Lääne-Viru county | Põlva county | Pärnu county | Rapla county | Saare county | Tartu county | Valga county | Viljandi county | Võru county |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ...5 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 | 2015 |
| All age groups | Outpatient visits | 3,595,319 | 50,081 | 983,654 | 180,408 | 177,819 | 125,991 | 333,162 | 142,930 | 558,100 | 166,572 | 177,023 | 1,220,835 | 149,808 | 290,439 | 185,694 |
| | Home visits | 15,778 | 689 | 10,216 | 1,042 | 1,065 | 500 | 1,662 | 1,225 | 1,423 | 537 | 981 | 4,102 | 1,024 | 1,390 | 1,593 |

Retrieval can be saved in different formats (on screen, .px, .csv, .xlsx, .json). Press button *Finish* and new webpage address is shown, which you can copy for a later use or share it by an e-mail directly from database. With this given web address the selected data in suitable format is only one click away.

**The meanings of the symbols used in the database**

| Symbol | Explanation | Example |
|---|---|---|
| . | The concept is not applicable. | Number of abortions among men. |
| .. | No data is collected or the data are unreliable for publication. <u>In surveys</u>: number of respondents is too low to generalise data.<br><br><u>In a text</u>: means 'including'. | A certain year in which no data were collected about the indicator.<br><br>Harju County<br>..Tallinn (*i.e. including Tallinn*) |
| 0 | The phenomena did not occur or a zero obtained by rounding. | |
| - | In statistics on medicines: substance not consumed | |

## Referencing

**Source must be referenced when using the data!** It is recommended to first refer to the data source, then to the channel of the published data and the date of use. When referring to data from a registry under the NIHD or from a survey conducted by NIHD, a reference must be made to NIHD as well as to a more specific source (*e.g. Health Behavior among Estonian Adult Population survey, 2014, National Institute for Health Development, Health Statistics and Health Research Database, table TKU20, as at 01.03.2017*).