



CYSTAT-DB User Manual

VERSION 1.2

STATISTICAL SERVICE OF CYPRUS, OCTOBER 2021

CYSTAT-DB User Manual

Do you need any help to use the online database CYSTAT-DB?

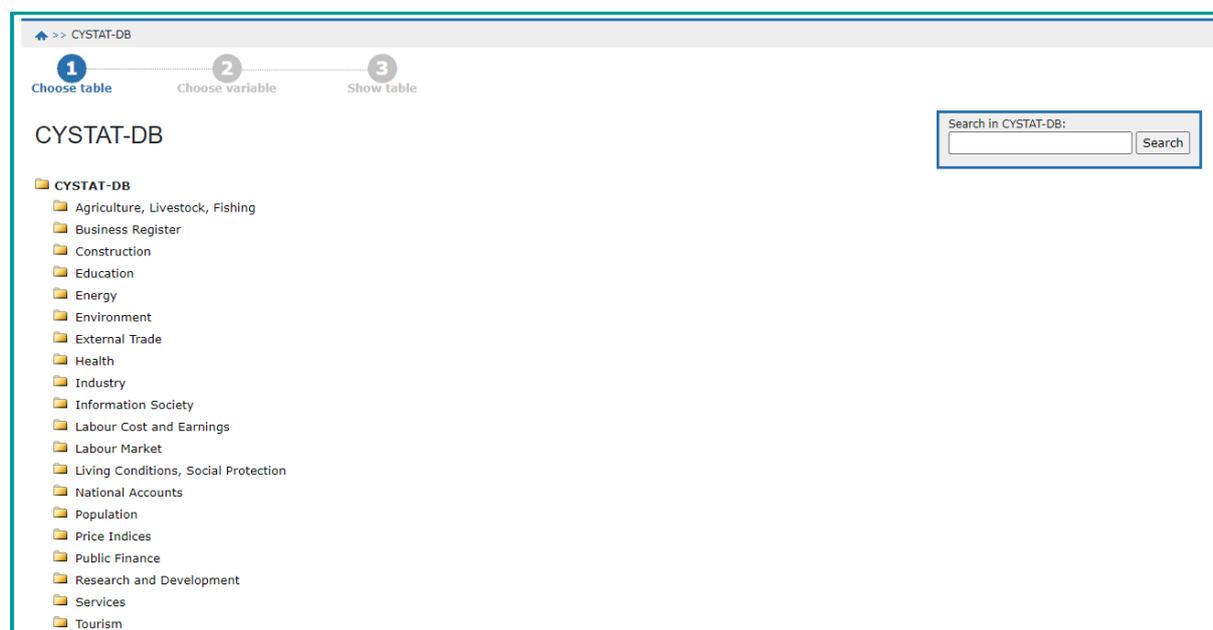
The online database of Statistical Service of Cyprus (CYSTAT-DB) gives the user the ability to produce the desired table, to format the presentation, to edit and make calculations and to save it in any form available. Also, the request can be saved and used at a later stage to get the updated table with the latest available statistics.

Access CYSTAT-DB from the home page of CYSTAT's Portal (Statistics > Related Links > [CYSTAT-DB](#)).

Below you can find brief **guidelines** for using CYSTAT-DB.

How can I find the table that interests me in CYSTAT-DB?

The available tables are included in a tree diagram with the statistical subthemes on the landing page of CYSTAT-DB or search the database through "Search in CYSTAT-DB":



CYSTAT-DB contains tables allocated in **statistical subthemes**. In the tree view, you can open (by clicking on the *folder* icon) individual subthemes (e.g. Labour Market) and proceed to the next level that contains themes of "Labour Market" and with subsequent click at the folder level of the theme that might interest you (e.g. Registered Unemployment) you reach the list of folders (Registered Unemployed, Placements of Registered Unemployed, Archive) that contains the available tables, as can be seen at the screenshot below:

>> CYSTAT-DB >> Labour Market >> Registered Unemployment >> Registered Unemployment >> Registered Unemployed, Monthly

1 Choose table 2 Choose variable 3 Show table

Registered Unemployed, Monthly

Select variable About table

Mark your selections and choose between table on screen and file format. Marking tips
For variables marked * you need to select at least one value

| MONTH * | REGISTERED UNEMPLOYED * |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| Total 126 Selected 1 | Total 2 Selected 0 |
| 2021M06 2021M05 2021M04 2021M03 2021M02 2021M01 | Actual Data Seasonally Adjusted Data |
| Search <input type="text"/> <input type="button" value="▶"/> | Search <input type="text"/> <input type="button" value="▶"/> |
| <input type="checkbox"/> Beginning of word | <input type="checkbox"/> Beginning of word |

Number of selected data cells are: 1 (maximum number allowed is 1.000.000)
Presentation on screen is limited to 1.000 rows and 50 columns

Show table

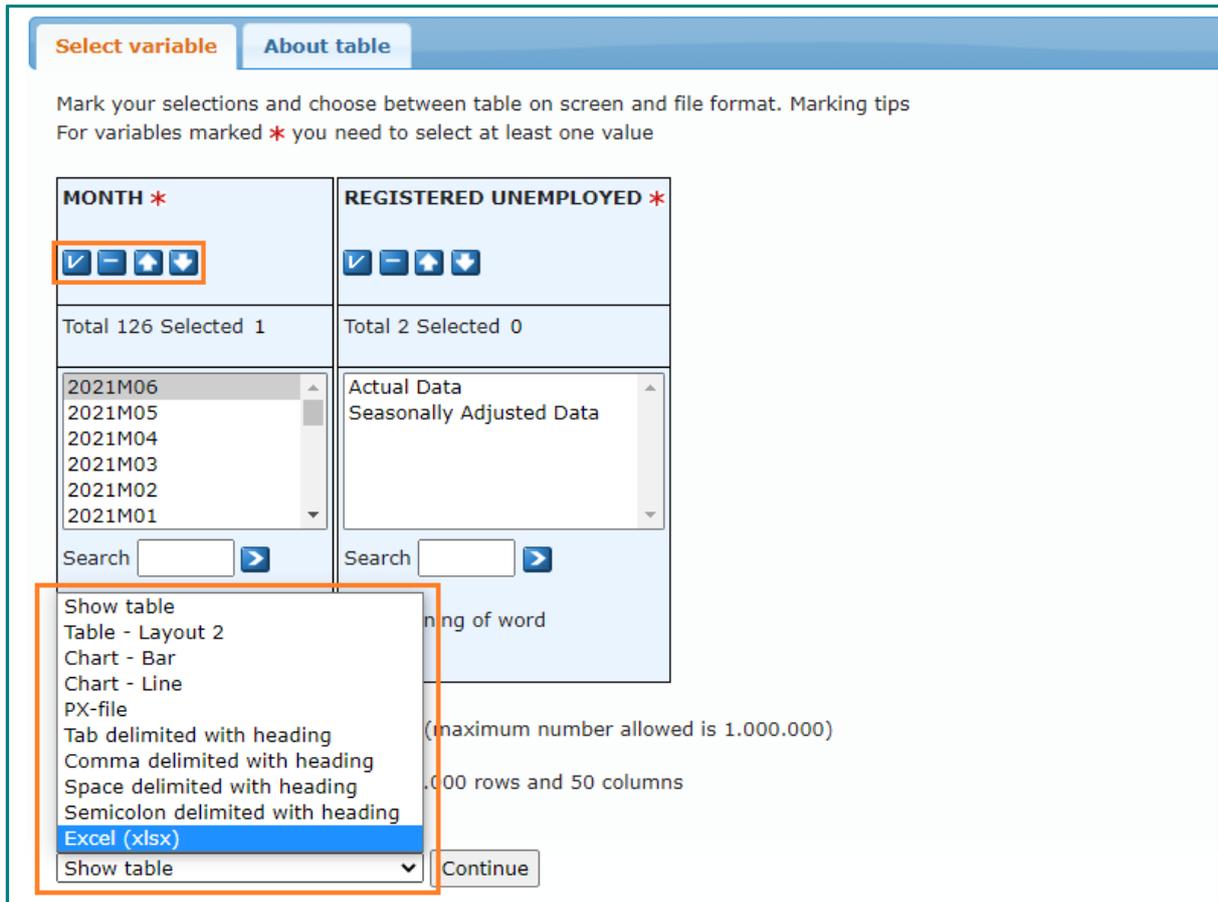
Can I choose the data for the desired table?

Yes, the PX-Web tool gives the opportunity to the user to select the categories for each variable (sex, year, economic activity, etc.) that you want to display on the table.

Clicking on the table title in the table list will open the selection fields for each variable (sex, year, economic activity, etc.) in the PX-Web tool and you can select the desired category (one or more categories) in the table. For variables marked with star (*) you have to select at least one value.

Useful tips:

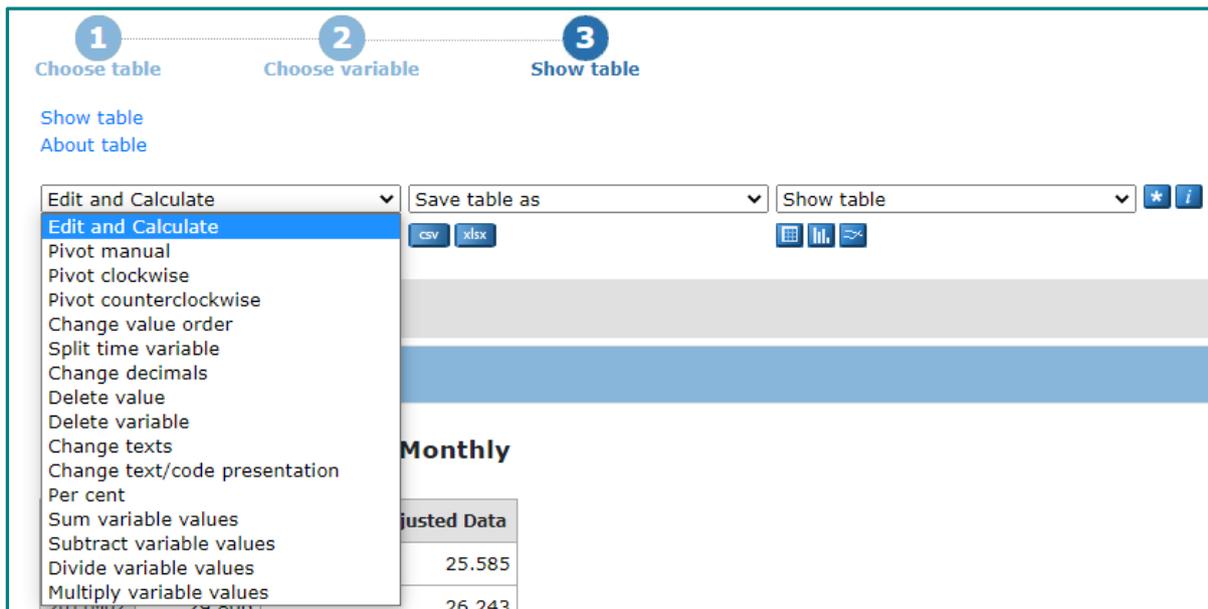
- To select more than one categories, hold **Ctrl** and left click the desired categories.
- To select consecutive, hold **Shift** and left click the first and last desired categories.
- To select all values at the same time, click the icon with the checkmark (v).
- To clear the selection, click the empty square icon (-).
- The categories can be sorted alphabetically or arithmetically (e.g. year) using the icons with arrows (up and down).
- In order to search for a category within a variable you can use the option of "Search" below the box with the categories. The search will present all the categories that contain the word or phrase you enter at the search box.



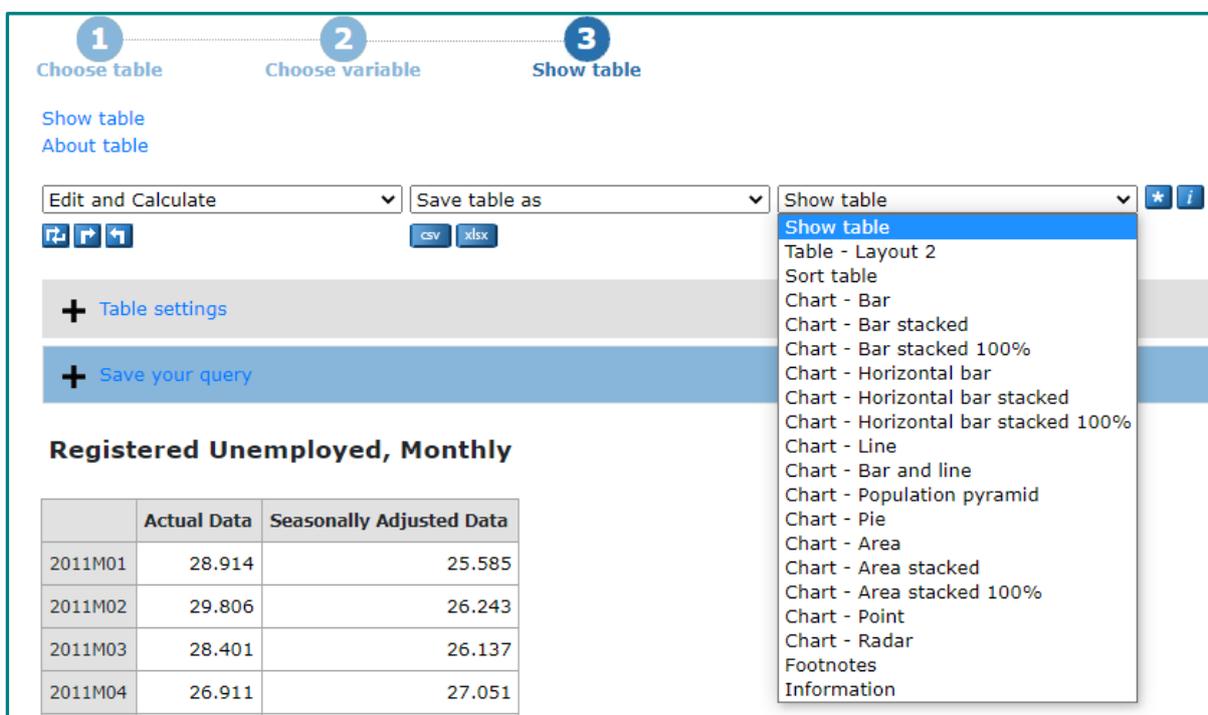
After selecting the desired categories you should click on the Continue button. If the option in the list is "**Show Table**", the table will be displayed with the selected categories and variables.

The data presented in the table can be also shown on charts, sorted and/or exported in various file formats, as it can be seen on the image above.

The options "Show Table" or "Table - Layout 2", lead to the production of the table and subsequently there are different options under "**Edit and Calculate**" for restructure like pivot table, change value order, change decimals, change texts etc. and for calculations like sum, subtract, division, multiplication, percentage, as it can be seen on the image below:



Under "Show table" there different option for presentation like table or chart:



How to save the table?

The table can be saved as any form (e.g. excel, csv, json) that you prefer using the option "**Save table as**":

The screenshot shows a data tool interface with three steps: 1. Choose table, 2. Choose variable, and 3. Show table. The 'Save table as' dropdown menu is open, displaying various file formats. The table below the menu shows columns for 'Actual Data' and 'Seasonally Adj'.

| | Actual Data | Seasonally Adj |
|---------|-------------|----------------|
| 2011M01 | 28.914 | |
| 2011M02 | 29.806 | |
| 2011M03 | 28.401 | |
| 2011M04 | 26.911 | 27.851 |

Using "**Table settings**" you can hide the rows with "0" values or the rows with statistical signs that are replacing the statistical data:

The screenshot shows the 'Table settings' dialog box in the data tool interface. The 'Rows with zeros' section is expanded, showing options to hide rows with specific values.

Rows with zeros:

- Show all rows
- Hide rows with only zeros
- Hide rows with only zeros or '-'
- Hide rows with only dots
- Hide rows with only zeros, '-' or dots

Buttons: Cancel, Save settings

You can also save the selected variables as a query for further use, or save a link to a saved query. An advantage of doing this is that next time you search for the desired data you will get them with the updated time series onscreen or export them into various file formats with only one click.

You can save a query by first selecting the appropriate values, then displaying the table on-screen and clicking on the "**Save Query**" option where you then select the appropriate settings.

Can I find methodological information for the table or the contact person's details?

Yes, you can find methodological information and contact details for the person(s) responsible for the statistical data included in the table at the bottom of the table or simply by selecting the option "**About Table**".

What is the meaning of the symbols?

| SYMBOL | MEANING |
|--------|--------------------------------|
| u | Data with low reliability |
| c | Confidential data |
| ... | Data not available |
| N.A. | Not applicable |
| r | Revised data |
| p | Provisional / Preliminary data |
| b | Break in time series |
| | |

How to use APIs?

You can use Application Programming Interface (API), which enables you to automate the reading and use of the data (machine readable data). You can access the API information for a single table by selecting the values you want in the table data selection fields and clicking "Continue". You will be taken to a new page. On that page click the "About table" tab. You will then notice the "API query for this table" link.

[API query for this table](#)

By clicking the link, you will get information about the URL address and the JSON query that you need to use to get the same data layout via the API as shown in the table. According to the instructions provided, **you must POST the JSON query to the URL address provided**, in order to access the defined table from your application.

[Hide](#)

POST the following JSON query to the URL below to access this table from your application.

URL:

```
https://pxweb.novum.international:443/api/v1/en/8.CYSTAT-DB/Labour Market/Labour Force Sur
```

JSON query:

```
{
  "query": [
    {
      "code": "ΔΕΙΚΤΗΣ",
      "selection": {
        "filter": "item",
        "values": [
          "2"
        ]
      }
    },
    {
      "code": "METPO",
      "selection": {
        "filter": "item",
        "values": [
          "0"
        ]
      }
    }
  ]
}
```

[More information](#)

For more information follow the link: <https://www.scb.se/en/services/open-data-api/api-for-the-statistical-database/>.

Do you still need help?

If you could not find the information you are looking for or find any difficulty in producing the table you are interested in, do not hesitate to [contact us](#).