

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 > <u>CYSTAT-DB</u>).

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	
Choose table Choose variable Show table	
CYSTAT-DB	Search in CYSTAT-DB:
CYSTAT-DB	·
Agriculture, Livestock, Fishing	
Business Register	
Construction	
🗀 Education	
🗀 Energy	
Carl Environment	
🚘 External Trade	
a Health	
Industry	
Information Society	
🚘 Labour Cost and Earnings	
🚘 Labour Market	
Living Conditions, Social Protection	
National Accounts	
Population	
Price Indices	
Public Finance	
Research and Development	
Services	
Tourism	

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
Agriculture, Livestock, Fishing
📮 Business Register
Construction
Education
📮 Energy
Environment
🗀 External Trade
🗀 Health
🦾 Industry
Information Society
🗀 Labour Cost and Earnings
🗀 Labour Market
📮 Labour Force Survey
Registered Unemployment
Registered Unemployment
🗋 Registered Unemployed, Monthly 🗉 📾
🗋 Registered Unemployed by Economic Activity NACE (Rev.2), Monthly 回 🛍
🗋 Registered Unemployed by Economic Activity NACE (Rev.2), Annual 🔲 🛍
🗋 Registered Unemployed by Occupational Category, Monthly 回 📾
🗋 Registered Unemployed by Occupational Category, Annual 🗉 🛍
🗋 Registered Unemployed by Sex and Age, Monthly 回 📾
🗋 Registered Unemployed by Sex and Age, Annual 回 🛗
🗋 Registered Unemployed by District, Monthly 回 🛍
🗋 Registered Unemployed by District, Annual 回 📾
🗋 Registered Unemployed by Educational Level, Monthly 回 🛗
🗋 Registered Unemployed by Educational Level, Annual 回 📾
🗋 Registered Unemployed by Duration, Monthly 回 📾
🗋 Registered Unemployed by Duration, Annual 🗉 📾
🗋 Registered Unemployed by Community/Nationality, Monthly 回 📾
🗋 Registered Unemployed by Community/Nationality, Annual 🔲 🛗
Placements of Registered Unemployed
Discrete Archive

The tree view displays tables that are updated regularly. Tables that are no longer being updated are archived. Archived tables can be found within each subtheme under **Archive**. By clicking on the Archive, a list of tables from that subtheme that are for various reasons no longer being updated regularly with new time series will be displayed.

To select the desired table, click on its title. A tool for working with tables, PX-Web, will open in a new browser window:

♠ >> CYSTAT-DB >> Labour Mark	ket >> Registered Unemployment >> Registered Unemployment >> Registered Unemployed, Monthly
Choose table Choose	a variable Show table
Registered Unemployed	d, Monthly
Select variable About	table
Mark your selections and ch	ioose between table on screen and file format. Marking tips
For variables marked \star you	need to select at least one value
MONTH *	REGISTERED UNEMPLOYED *
Total 126 Selected 1	Total 2 Selected 0
2021M06	Actual Data
2021M05 2021M04	Seasonally Adjusted Data
2021M03 2021M02	
2021M01 -	
Search 💽	Search D
Beginning of word	Beginning of word
Number of selected data cell	lls are: 1 (maximum number allowed is 1.000.000)
Decembride en entre is lie	
Presentation on screen is lim	Inced to 1.000 rows and 50 columns
Show table	✓ Continue

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:

Choose table Choose varia	ble Show table		
About table			
Edit and Calculate	Save table as	✓ Show table	✓ ★ i
Edit and Calculate	csv xlsx	III. 💌	
Pivot clockwise			
Pivot counterclockwise			
Change value order			
Split time variable			
Change decimals			
Delete value			
Delete variable			
Change texts	Monthly		
Per cent			
Sum variable values	justed Data		
Subtract variable values	usted butt		
Divide variable values	25.585		
Multiply variable values	26.243		

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

1 Choose ta	ble	2 Choose variable	3 Show table		
Show tabl About tab	e le				
Edit and	Calculate	✓ Save table	as 🗸	Show table 🗸	* i
12 17 1				Show table Table - Layout 2 Sort table	
🕂 Tab	le settings			Chart - Bar Chart - Bar stacked Chart - Bar stacked	
🕂 Sav	e your query			Chart - Horizontal bar Chart - Horizontal bar Chart - Horizontal bar stacked	
Regist	ered Une	mployed, Monthly		Chart - Horizontal bar stacked 100% Chart - Line Chart - Bar and line Chart - Population pyramid	
	Actual Data	Seasonally Adjusted Data		Chart - Pie	
2011M01	28.914	25.585		Chart - Area Chart - Area stacked	
2011M02	29.806	26.243		Chart - Area stacked 100% Chart - Point	
2011M03	28.401	26.137		Chart - Radar Footpotes	
2011M04	26.911	27.051		Information	

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**":

1 Choose ta	ble	2 Choose variabl	e Show table			
Show tabl About tab	e le					
Edit and	Calculate	~	Save table as	Sh	now table	✓ ★ i
12 17 1			Save table as Excel workbook (xml) Excel workbook (xml) with code and t	text	hi. 🌫	
🕂 Tab	le settings		Tab delimited with heading Tab delimited without heading			
🕂 Sav	e your query		Comma delimited with heading Space delimited with heading			
Regist	ered Une	mployed, N	Space delimited without heading Semicolon delimited with heading Semicolon delimited without heading Html file (htm)			
	Actual Data	Seasonally Adj	Relational file (txt)			
2011M01	28.914		Excel (xlsx) Excel (xlsx) with code and text colum	n		
2011M02	29.806		JSON-stat file (json) JSON-stat 2 file (json)			
2011M03	28.401		Html5 table (htm) Json file (json)			
20111404	00.011		07.051		,	

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

1 Choose table Ch	2 oose variable 3 Show table		
Show table			
About table			
Edit and Calculate	✓ Save table as	Show table	✓ ★ 1
P 9 41	csv xlsx	III. 💌	
- Table settings			
Rows with zeros:			
Show all rows			
\bigcirc Hide rows with only ze	ros		
\bigcirc Hide rows with only ze	ros or '-'		
\bigcirc Hide rows with only do	ots		
\bigcirc Hide rows with only ze	ros, '-' or dots		
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 onscreen and clicking on the "**Save Query**" option where you then select the appropriate settings.

Edit and Calculate Save table as Show table It is in the second	▼ ● 7
+ Table settings	
- Save your query	
Update options	About save your query Save your query so you can return to the same table by using a web address
What do you want to do with your saved query if the tables are updated with new time periods?	
ulletUpdate the query with a fixed starting time point and the new time periods	
\bigcirc Update the query with a rolling start time point and an unchanged number of time period	ds
$\bigcirc Don't$ update the query, but show the same time periods as selected	
Save the result as (mandatory): Same as shown on screen	
Cancel Finish	

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
С	Confidential data
	Data not available
N.A.	Not applicable
r	Revised data
р	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
L

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.

lide	
POST the following JSON query to the URL below to access this table from your application.	
JRL:	
https://pxweb.novum.international:443/api/v1/en/8.CYSTAT-DB/Labour Market/Labour	Force Sur
ISON query:	
	-
{	
"query": [
{	
"code": "ΔΕΙΚΤΗΣ",	
"selection": {	
"filter": "item",	
"values": [
"2"	
]	
}	
},	
{	
"code": "METPO",	
"selection": {	
"filter": "item",	
"values": [
"0"	
]	
}	
-	/

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

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 <u>contact us</u>.