

EpiData Software: Getting Your first Process Chart in 5 minutes

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EpiData Software is non-commercial **FREEWARE**



This short step-step procedure will allow you to create a quality assurance or time-sequence graph within about five minutes – including downloading the software. Further notes and documentation is available at the website: <http://www.epidata.dk> - mail: info@epidata.dk

EpiData Software is developed in a collaborative effort based on the principle "Get funding for development from various sources and release for free". For precise principles and how support can be given to further development see the website or look at the mail list correspondence at <http://lists.umanitoba.ca/pipermail/epidata-list/>

Step 1: Download and install software

a Point your internet browser to <http://www.epidata.dk> and get the EpiData Analysis software from the [download.php](#) page. The whole file is only about 2Mb. You can install on a USB stick or your computer provided it works with Windows software (Linux and Mac on the way).

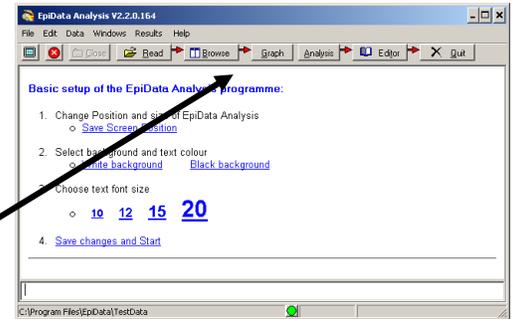
b Install by clicking on the downloaded exe file and answer the questions showing up. If you do not have administrator rights to install software on your PC, you can instead download the software as a zip file and **unpack** this on a USB stick or your personal folder "Documents and Settings" .

- View intro ?
- Run EpiData Analysis ?

Step 2: Run the software for the first time

If you installed directly the last picture of install has a picture "run software", hit the "finish" button and the software starts, otherwise find the program group or icon that will start. Soon you should see the picture on the right.

You choose here the font size, whether you like white or black background etc. Notice also the main parts of the software. At the top a menu, a toolbar, results window etc. The "windows" part of the menu explain function keys and under "help", you find further guidance.



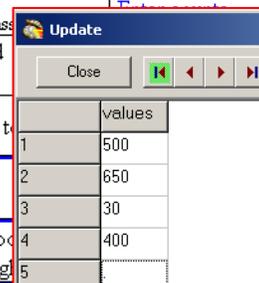
Step 3: Get the SPC graph menu

Click on "graph" in the toolbar and choose "SPC" and click on "SPC menu"

You will see a selection matrix with possible SPC charts. Example:

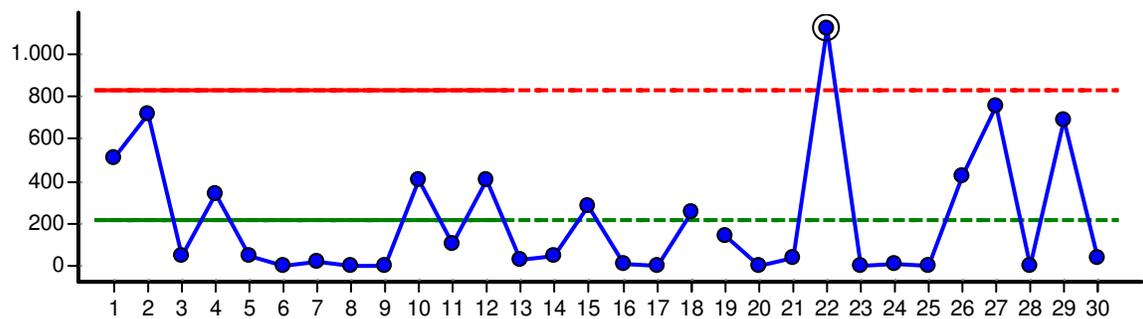
Ichart (XMR), click on the "Enter Data" next to Ichart. A grid as shown in the red square comes up, where you enter your data. Press close on the grid and click "Ichart" on the matrix – a basic chart is shown in the results window.

Type of Data and/or Chart	Which data are collected	Number of observations (For each X value or subgroup)	Enter New Data (close any file first)	Show Graph
Simple Run Chart (any data)	Consecutive measurements	One per time/sequence	Enter Data	Show Run Chart
Measurement data	Consecutive Measurements	one observation per subgroup varying number, more than one per subgroup	Enter Data Enter values and time/sequence	Show I Chart Show Xbar-S Chart
	Errors or deviant incidents are counted (non conformities)	Counts Constant denominator as	Enter Data	Show C Chart
Count data (attribute)	Proportions	Varying counts and denominator counts and varying t	Enter Data	Show U Chart Show P Chart
	Rare Occurrences	Each incident recorded	One incident	Show G Chart
Categorical listing of reasons	Survey of reasons recorded	Varying number - p with frequency weigh	Enter Data	Show Pareto Chart



Step 4: finetune graph

You can then use the graph dialog (sub section spc) to add further options, freeze, break, titles, t-based limits or other details.



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