

NRCPR Participant Report

Appendix G

CPA and/or MET Graphs

(Adult, Pediatric, Newborn/Neonate)

The MS Excel graphs included in this appendix provide visual representations of data from several of your other appendices (demographics, POCE's...). Graphs are provided for CPA and MET events and are grouped according to age group (adult, pediatric, newborn/neonate). A separate spreadsheet is provided for each event type / age group combination.

Each CPA spreadsheet contains approximately 50 tabs and each MET spreadsheet contains approximately 40 tabs. The first two tabs are the prefilled data required to generate each of the graphs. They are not intended for analysis. The first tab of each spreadsheet is labeled 'RawData' and contains information exported directly from your data. The second tab is labeled 'GraphData' and organizes the raw data into the formats required to generate the actual graphs. After these two tabs, you will find many graphs related to various aspects of your data (patient demographics, outcomes, event details, MET triggers, POCE's, Gold Standard compliance...).

It should be noted that there are several nuances to graphs that are simply impossible to address in this type of environment. But they are very easy to address as you review each graph individually. The following pages provide several questions and answers that may help you understand and utilize the graphs more effectively.

If you receive NO graphs, it is because you had no events submitted during the reporting period covered by the graphs.

Questions & Answers

1. How will the graph spreadsheets be provided?
 - A. The graph spreadsheets will be compressed into a single '.zip' file and provided on-line as a part of your Quarterly / Annual reports. After downloading the file, the spreadsheets can be extracted from the '.zip' file in one of two ways.
 - i. Windows provides the ability to compress or extract what it refers to as a 'Compressed Folder'.
 - ii. There are several compression utilities available for Windows. Some must be purchased, while others are considered 'Open Source' and are available at no charge.

If you have questions regarding '.zip' files, please contact your hospital's IT support team.
2. Why did we not receive all 6 graphs?
 - A. Graphs are provided for event types and age groups for which your facility has submitted data. For example, if your facility did not submit any pediatric MET events for the time period covered by the graphs, you will not receive the pediatric MET graphs spreadsheet.
3. Why do all of my graph legends overlap part of the graph titles?
 - A. The legends are dynamic and individualized with your facility's name. This means that the legends will expand to accommodate your facility's name. If your facility name is very lengthy, it is quite possible that the legend will expand to the point where it overlaps the graph title. This situation can be resolved easily by either:
 - i. Modifying the facility name on the RawData tab (this is the only time the RawData tab should be modified). Often, a hospital name can be abbreviated or shortened and still be quite clear.
 - ii. Click on the legend and drag it to a more convenient part of the graph.
4. Many of the graphs don't have any data or the data is not particularly helpful.
 - A. With hundreds of hospitals participating in the NRCPR and no two having the same mix of patient and event characteristics, it is impossible to anticipate what graphs will be most helpful to any given hospital. However, with the number of graphs provided, all hospitals should be able to identify graphs that bring value to their institution.
5. Some of my pie charts aren't displaying correctly.

- A. Again, because no two hospitals will have the same mix of patients, it is quite possible that you will need to adjust your graphs to best fit your data. The most likely adjustment will be in the ‘orientation’ of your pie chart (to better accommodate the labels). To accomplish this:
- Right-Click on the graph (any of the pie slices) and select ‘Format Data Series’.
 - This should open a 4-tab properties window. Select the Options tab.
 - Adjust the “Angle of first slice” to rotate the pie to the best orientation for your data.
 - Click “Ok”.

If you find that some of the labels are off of the screen, resize the graph (making it very small) in order to bring the labels back onto the screen. Adjust the location of the labels and resize the graph as needed.

6. Why is it that in few instances (such as the Time-of-Day graphs), the percentages do not match up with what is in my Demographics report?
- A. For most graphs, “Unknown/Missing” data are excluded from the denominators. The Demographics appendix is intended to be explicit and descriptive. Graphs, however, are generally intended to be ‘interpretive’, and “Unknown/Missing” values are generally not appropriate.
7. Some of the graphs are scaled from 0-100%, while none of the actual values are above 30%. Can I change the scale of the graph to better fit my data?
- A. Yes, the scale is very easy to change.
- Double-click on any of the percentages listed along the y-axis. This will open the Properties window.
 - On the “Scale” tab, locate the “Maximum” setting and either:
 - Check the “Auto” checkbox. This will cause the graph to ‘auto-scale’ to data in your graphs.
 - Or, change the maximum value from “1” to “.35” or whatever best fits your data.
8. Can you explain the first two tabs in each spreadsheet?
- A. The first two tabs in each spreadsheet are used to provide the necessary data for the graphs and not for analysis. Specifically,
- The first tab is labeled “RawData” and includes data pulled from the ‘computed data’ tables used in generating the other appendices in your reports. These data are unformatted and provide the source data used in the second tab.
 - The second tab is labeled “GraphData” and contains tables that point to the data in the first tab, but are organized to provide the source data for the graphs. In most instances, these tables contain references to cells in the first tab.

These two tabs also contain additional information at the top of the first page.

9. Can I change my graphs?
 - A. Absolutely. These graphs are for your use and can be modified to best suit your needs. Many of the properties of the graphs can be changed with just a few clicks of your mouse. You may want to change it from a bar graph to a line graph or change the colors to match your hospital's color scheme.

10. Can the graph 'content' be changed?
 - A. Again, the graphs are for your use. With care, the content can be changed as needed. Take care to familiarize yourself with the data used for the graphs prior to making changes.

11. Will additional graphs be added over time?
 - A. While no changes have currently been identified, it is the intention of the NRCPR to continue providing valuable data to its members. If desired updates to these graphs are identified, these enhancements will be given full consideration.

12. If I have questions, where can I go for help?
 - A. It depends on your question. Here are some suggestions:
 - i. Look for NRCPR training sessions that will be offered in September or October. These sessions will be taped and available as a self paced modular after the live training sessions have concluded
 - ii. If you have questions about graphs in general (how they work, how to make basic changes...), then seek additional training in MS Excel software. Possibilities include your facility's training center, as most hospitals have classes available for graphing with MS Excel. Another option is to find someone in your department who is familiar with MS Excel and is willing to assist you with your graphs.
 - iii. If you have specific questions/concerns about the data in your graphs, first check your other appendices. If you still have questions, please contact NRCPR Customer Service.