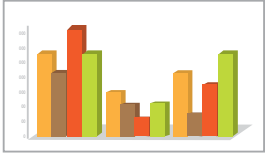

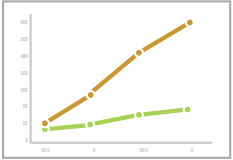
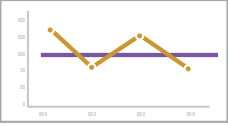


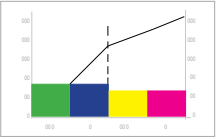


Strengths and Weaknesses of Common Data Displays

Type	Used to:	Strengths	Weaknesses
Bar graph 	Show relationships between different groups/categories	Easily compares multiple groups	Less effective than run charts at detecting trends
Pie chart 	Compare parts to a whole	Visually appealing	Difficult to compare two or more groups
Run chart/ Line graph 	<ul style="list-style-type: none"> -Show trends over time -Identify relationships between variables (whether they are correlated) -Compare groups over time 	Ability to detect trends	Difficult to know if variability is due to common cause or special cause
Control chart 	Identify when special causes of variation are active in a process	Assists in determining when action is warranted	Does not resonate with the broader audience, i.e. can be confusing. Has a minimum data points requirement
Spider/ Radar diagram 	Provide snapshot view of multiple indicators	Ability to display multiple indicators (e.g. elements of SCIP core measure)	Can be confusing if too many indicators/target goals are used
Scorecard 	Provide a high-level overview of multiple indicators	Quick view of multiple unrelated indicators	Loses details of how far above/below targets the current data is
Pareto diagram 	Identify the biggest improvement opportunity	Highlights the vital few	Does not allow for trending