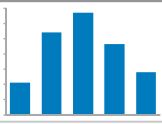
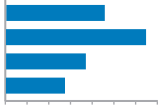


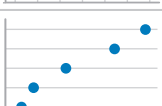

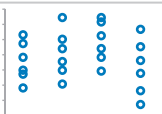
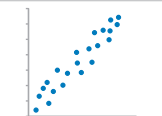




Graph Selection Matrix

	Relationship	Time Series Values display how something changed through time (yearly, monthly, etc.)	Ranking Values are ordered by size (descending or ascending)	Part-to-Whole Values represent parts (ratios) of a whole (for example, regional portions of total sales)	Deviation The difference between two sets of values (for example, the variance between actual and budgeted expenses)	Distribution Counts of values per interval along a quantitative scale from lowest to highest (for example, counts of people in an organization by age intervals of 10 years each)	Correlation Comparison of two paired sets of values (for example, the heights and weights of several people) to determine if there is a relationship between them	Nominal Comparison A simple comparison of values for a set of unordered items (for example, products or regions)
Graph								
Bar Graph (vertical)		Yes (to feature individual values and support their comparisons; quantitative scale must begin at zero)	Yes (quantitative scale must begin at zero)	Yes (quantitative scale must begin at zero)	Yes (quantitative scale must begin at zero)	Yes (quantitative scale must begin at zero)		Yes (quantitative scale must begin at zero)
Bar Graph (horizontal)			Yes (quantitative scale must begin at zero)	Yes (quantitative scale must begin at zero)	Yes (quantitative scale must begin at zero)	Yes (quantitative scale must begin at zero)		Yes (quantitative scale must begin at zero)
Line Graph		Yes (to feature overall trends and patterns and support their comparisons)			Yes (only when also featuring a time series or single distribution)	Yes (to feature the overall shape of the distribution)		
Dot Plot (vertical)		Yes (when you do not have a value for every interval of time)	Yes					Yes
Dot Plot (horizontal)			Yes					Yes
Strip Plot (single)						Yes (when you want to see each value)		
Strip Plot (multiple)		Yes (only when also featuring distributions)				Yes (when comparing multiple distributions and you want to see each value)		
Scatter Plot							Yes	
Box Plot (vertical)		Yes (only when also featuring distributions)				Yes (when comparing multiple distributions)		
Box Plot (horizontal)						Yes (when comparing multiple distributions)		