Adapted Checklist, Courtesy of: <https://stephanieevergreen.com/updated-data-visualization-checklist/>

**Ranking Description**: **2** - Illustrates that all components are met; **1** - Component was partially met; **0** - The component is not met

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| --- | --- | --- | --- | --- |
| **Description** | **2** | **1** | **0** | **n/a** |
| **Graph Type is appropriate for data**  -Graph type is appropriate for the type of data being shown. Graph is usable for communicating data type to audience for big picture idea. |  |  |  |  |
| **Take away chart junk**  -There are no unnecessary labels, graphics, images, numbers, boarders, or animations |  |  |  |  |
| **Appropriate Data Ink Ratio**  -Chart is readable and has a high ratio of data to ink. Majority of “ink” on chart should be reflective of the data and not extraneous information. |  |  |  |  |
| **Level of precision**  -The pecision level is appropriate for the data being communicated to avoid unnecessary distractions from the big picture. |  |  |  |  |
| **Chart and elements reinforced overall message**  -The graph type, arrangements, color, text should all work together to commnunicate the overall messages. |  |  |  |  |
| **Data and Graphics are proportional**  -Axes are to scale, proportionate, and offer clear interpretation. |  |  |  |  |
| **Grid lines are used when necessary**  -Grid lines kept in graph when helpful to data interpretatio, however are not used when they are distracting. |  |  |  |  |
| **Axes are clear of unnecessary tick marks**  -Tick marks are used to bring attention when needed and are used to draw attention to the overall message. |  |  |  |  |
| **Appropriate colors used in displaying data differences**  -Use of color is in accordance with what is being emphasized and color should not be used in a distracting manner. |  |  |  |  |
| **Labels are complete, informative, and legible**  -Labels are used appropriately and ensure that they do not confuse the audience or force them to take a while to interpret first. |  |  |  |  |
| **Labels are used only when required**  -Use of labels is deliberate and should be refrained from unless necessary. |  |  |  |  |
| **Chart Titles are simple and descriptive**  -The chart title is a succinct summation of the message. |  |  |  |  |
| **Charts are made simple for easy interpretation**  -Information should be placed in a logically interpreted manner for the audience. |  |  |  |  |
| **Text size is appropriate**  -Title, labels, and then any annotations should be the order of text size, large to small. |  |  |  |  |
| **Text contrasts background appropriately**  -Text is easy to read without background interference. |  |  |  |  |
| **Color blindness considerations when selecting as color pallet**  -Avoid Red Green color scheme, to ensure that the chart is easily viewed by all people. |  |  |  |  |
| **Usability compared to Data Ink Ratio**  -The chart should be usable without outside interference. |  |  |  |  |
| **Overall Score:** |  |  |  |  |