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 shows data in an appropriate way to show true relationships within the data sets. |  |  |  |  |
| **Take away chart junk**  -There are relevant labels, graphics, images, numbers, boarders, or animations |  |  |  |  |
| **Appropriate Data Ink Ratio**  -Chart is readable without unnecessary text |  |  |  |  |
| **Level of precision**  -Chart metrics are appropriate |  |  |  |  |
| **Chart and elements reinforced overall message**  -All elements of the graph should emphasize the takeaway message. This includes: graph type, the arrangement, lines, color, and text |  |  |  |  |
| **Data and Graphics are proportional**  -Axis proportional and to scale, while offering a clear interpretation. |  |  |  |  |
| **Grid lines are used when necessary**  -Grid lines kept in graph when helpful to data interpretation |  |  |  |  |
| **Axes are clear of unnecessary tick marks**  -Tick marks bring attention where needed |  |  |  |  |
| **Appropriate colors used in displaying data differences**  -Appropriate color is being used to highlight differences and are not distracting |  |  |  |  |
| **Labels are complete, informative, and legible**  -Labels are clear, spelled correctly, and avoid abbreviations useless universally known |  |  |  |  |
| **Labels are used only when required**  -Labels are informative and not redundant. |  |  |  |  |
| **Chart Titles are simple and descriptive**  -Titles represents the chart accurately without question. |  |  |  |  |
| **Charts are made simple for easy interpretation**  -Information is spaced proportionally and does not require the reader to search over the whole graphic |  |  |  |  |
| **Text size is easy to comprehend**  -Text sizing decreases as importance goes down. Titles, annotations, labels, axis labels, and source information order |  |  |  |  |
| **Text contrasts background appropriately**  -Text is easy to read with coloring |  |  |  |  |
| **Color blindness considerations when selecting color pallet**  -Avoid Red Green color scheme |  |  |  |  |
| **Usability compared to Data Ink Ratio**  - Chart can be read with no unnecessary information and animations |  |  |  |  |
| **Overall Score:** |  |  |  |  |