A bullet graph was designed by Stephen Few - he is a prolific author of designing dashboard books.

The bullet graph is designed to address the need for visually rich displays of data in small spaces to show current measurement against a target.

A graph with numbers and text

AI-generated content may be incorrect.

1. Refer back to [**Lesson | Getting Data - Sourcing Data**](https://elearn.sinclair.edu/d2l/le/content/407980/viewContent/12858409/View)
2. Find a data source to create a bullet graph in Ms Excel
3. Review: **[How to Create Bullet Graphs to Replace Gauges in Excel](https://exceluser.com/how-to-create-bullet-graphs-to-replace-gauges-in-excel/" \t "_blank)**

* Find the data source(s). Google is your data friend.  Search google for 'subject' data or dataset to find results or use the links from the [Learning Activities](https://elearn.sinclair.edu/d2l/le/content/407980/viewContent/12858407/View) page under the Explore section.
* Confirm that you have access (login or rights to use).  Many sites are open data sources now.
* Confirm the quality of the data collected. (profiling the data)
* Get as close to the source as possible.
* Dedup the data if using multiple sources (suppliers).
* Expect changes (weird interruptions like a pandemic to change expectations in data).
* Make sure the data is recent.
* Rinse and repeat.  Data is a moving target and not static.  Review your sources often.

**ALL FRUITS – Average prices (CSV format) - Last Updated 5/23/2024**

<https://www.ers.usda.gov/data-products/fruit-and-vegetable-prices>

**You Have:**

A row with information about **fresh apples**, including:

* **Retail Price**: $1.8541 per pound
* **Yield**: 0.9 (meaning 90% edible after prep)
* **Cup Equivalent Size**: 0.2425 pounds per cup
* **Cup Equivalent Price**: $0.4996 per cup

**Bullet Graph Plan: Price per Pound**

| **Metric** | **Value** |
| --- | --- |
| **Actual Price** | $1.85 |
| **Target Price** | $1.50 (assumed or based on policy/historical average) |
| **Good Range** | $0.00–$1.50 |
| **Satisfactory Range** | $1.50–$1.80 |
| **Poor Range** | $1.80–$2.00 |