

# Clustered Column Chart

Version 1.0

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A clustered column chart is a form of data visualization that helps in understanding the comparison of multiple series. It displays more than one data series in clustered vertical columns.

## **Availability in Power BI:**

Yes

## **Availability in Other Tools:**

This is available in Tableau and Lumira.

## **Possible Usage:**

When we need to make comparison of multiple series then clustered column chart is used. A clustered column chart can display more than one data series. Each data series shares the same axis label.

Clustered columns allow the direct comparison of multiple series.

## **Thumb Rule for Usage:**

Some useful guidelines of using clustered column chart:

- Limit data series and categories.
- Avoid all 3d variants.
- Determine which group of series need to be “clustered”.
- They must make sense for your data.
- You're comparing the date series.
- The values must differ.

### How to Use X and Y Axis:

In general the continuous variable would be represented with the x-axis and the y-axis represents the measurement.

### Advantage:

- Allow direct comparison of multiple data series per category.
- Can show changes over time.
- A clustered column chart presents data as a simple and easy-to-understand picture
- Require minimal additional explanation

### Disadvantages:

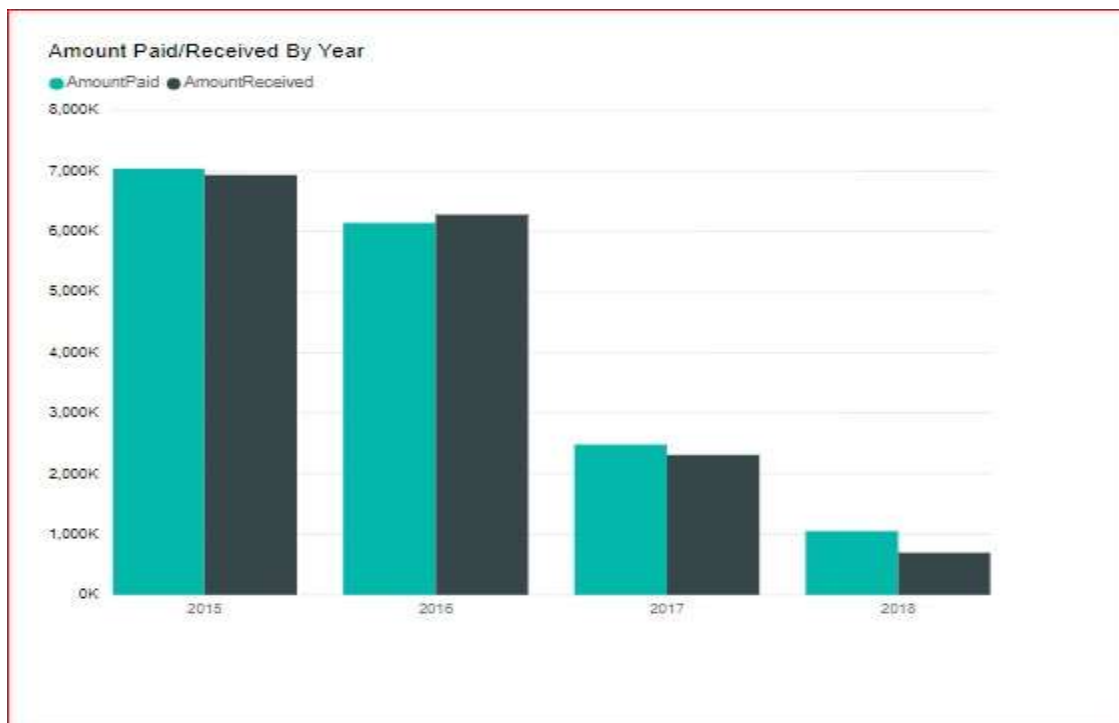
- More difficult to compare a single series across categories.
- Becomes visually complex when more categories / series are added.

### Additional Comments:

These charts are very widely used in the business world.

A clustered column chart can be used if you need to compare multiple categories of data within individual sub-items as well as between sub-items.

### Example View:



*Clustered column chart that shows amount paid and amount received per year.*