

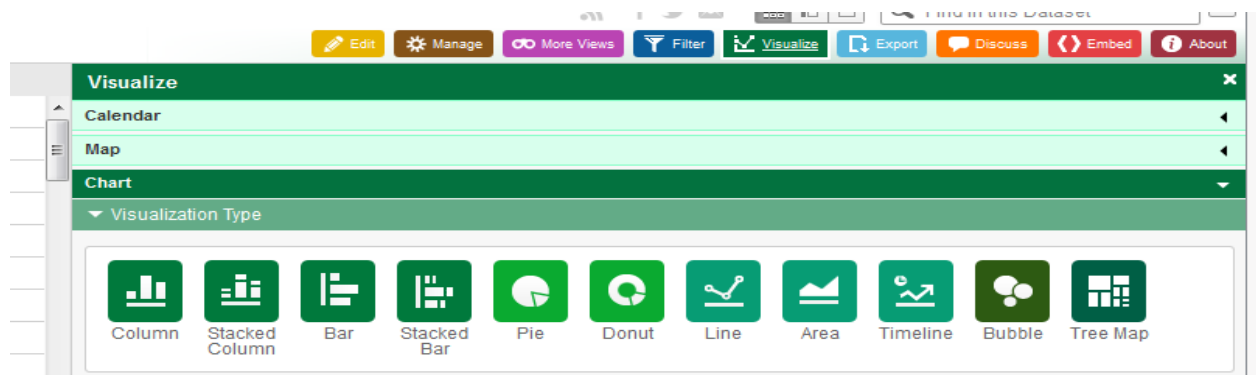
Creating a Bubble Chart

Montana Data Portal

How do I create a Bubble Chart?

To create a chart, select a filtered view or dataset

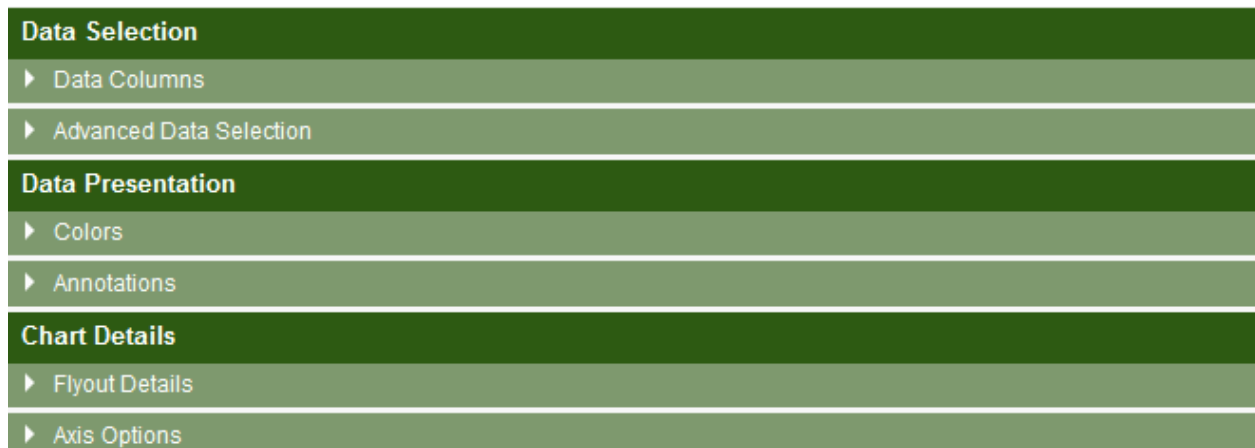
Select the Visualize button in the upper right hand corner of a view or dataset.



Select a Bubble Chart:



The options for this chart type are



Under Data Selection Data Columns, Choose the label, value field of the data, point size, and point color. (For this example, we selected city name and current rent).



Under the Advanced Data Selection, select the group by if you would like to sort a group from lowest to highest or alphabetize.

The screenshot shows the 'Advanced Data Selection' panel with the following settings:

- Data Series Grouping**
 - Group by: No column selected
 - + Add Series Column
 - Alphabetize Groups
 - Hide Loading Message

To the right is a bubble chart with a vertical axis from 0.00 to 10.000 and a horizontal axis with various categories. A legend at the bottom indicates 'CurrentRent' with a blue circle.

Under the Advanced Data Selection, To add a range threshold goals, or percent of error limits, add columns to the Error Bars section

The 'Error Bars' section includes:

- Color**: A red square icon.
- Choose lower bound column**: OriginalRent
- Choose higher bound column**: CurrentRent

A small bar chart with three green bars and red error bars is shown to the right of the 'Color' label.

Under the Data Presentation Colors Selection, Options to change the color are available

The 'Data Presentation' panel shows the 'Colors' section with a 'Base Color' option and a color selection icon.

Under the Data Presentation Annotations Selection, There is an option to set notes, comments, or explanations based on a specific value. Examples of how to use this are a single goal, or multiple aggregate (like minimum, maximum, average, overall count) comparisons.

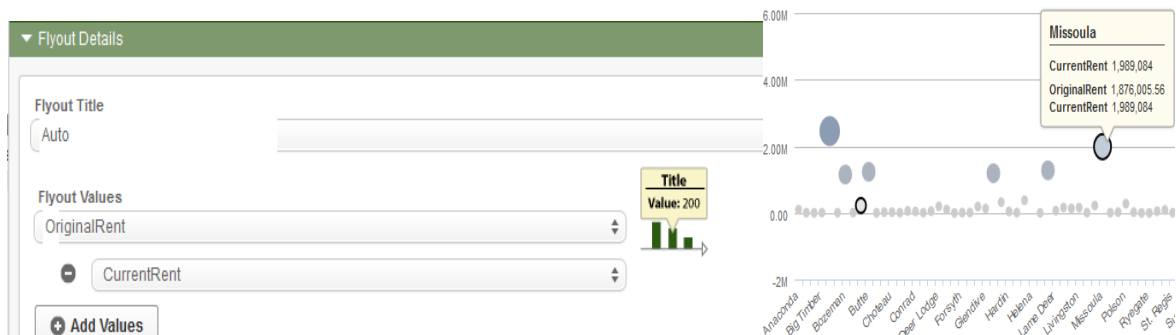
In the example below we set a test goal as a gray line for example only

The screenshot shows the 'Annotations' configuration panel. It includes a dropdown menu for 'At Value' set to '1500000', a 'Caption' field with the text 'TEST', and an 'Add Annotation' button. A small bar chart icon with a dashed line and a 'Limit!' callout is also visible.

Under the Chart Details Legend Selection, You can select where you would like the legend to display, if you would like series descriptions to display, or add additional text options.

The screenshot shows the 'Chart Details' configuration panel, specifically the 'Legend' section. It features a 'Display' dropdown menu set to 'Bottom', two checked checkboxes for 'Describe Series' and 'Describe Annotations', and an 'Add Additional Text' button.

Under the Chart Details Flyout Details Selection, Select which data points will display when you click on the data point.



Under the Chart Details Axis Options Selection, there are options to customize the X and Y axis titles, change the axis minimum and maximum, add decimal places, or abbreviate the Y axis

Axis Options

X-Axis Title

Y-Axis Title

Axis Min. Auto

Axis Max. Auto

Decimal Places Auto

Abbreviate

Save your view if it is an existing view or select save as to create a new chart view.

