## **HTML5 Chart Types**

| Column Charts compare values displayed as columns  Column Multiple measures of a group are depicted in individual columns.  Stacked Column Multiple measures of a group are depicted as portions of a single column whose size reflects the aggregate value of the group.  Percent Column Multiple measures of a group are depicted as portions of a single column of this distance of the group.  Spider Column Multiple measures of a group are depicted as portions of a single column of fixed size.  Spider Column Multiple measures of a group are depicted as portions of individual "columns" along with a spoked chart.  Bar Charts  Bar Charts compare values displayed as bars.  Bar. Multiple measures of a group are depicted as individual bars.  Stacked Bar. Multiple measures of a group are depicted as portions of a single bar whose size reflects the aggregate value of the group.  Percent Bar. Multiple measures of a group are depicted as portions of a single bar whose size reflects the aggregate value of the group.  Percent Bar. Multiple measures of a group are depicted as portions of a single bar whose size reflects the aggregate value of the group.  Percent Bar. Multiple measures of a group are depicted as portions of a single bar whose size  Line Charts compare values displayed as points connected with straight lines.  Line. Displays data points connected with a fitted curve.  Spider Line. Displays data points connected with a fitted curve.  Spider Line. Displays data points connected with a fitted curve.  Spider Lines on a spooked chart. | Icon   | Description                             | Rules |
|---|--|---|-------|
| Charts displayed as columns  Column. Multiple measures of a group are depicted in individual columns.  Stacked Column. Multiple measures of a group are depicted as portions of a single column whose size reflects the aggregate value of the group.  Percent Column. Multiple measures of a group are depicted as portions of a single column of fixed size.  Spider Column. Multiple measures of a group are depicted as portions of individual "columns" along with a spoked chart.  Bar Charts Bar charts compare values displayed as bars.  Bar. Multiple measures of a group are depicted as portions of individual "columns" along with a spoked chart.  Stacked Bar. Multiple measures of a group are depicted as individual bars.  Stacked Bar. Multiple measures of a group are depicted as portions of a single bar whose size reflects the aggregate value of the group.  Percent Bar. Multiple measures of a group are depicted as portions of a single bar whose size reflects the aggregate value of the group.  Percent Bar. Multiple measures of a group are depicted as portions of a single bar of fixed size.  Line Charts compare values displayed as points connected with straight lines.  Spline. Displays data points connected with a fitted curve.  Spider Line. Displays data points connected with a fitted curve.  Spider Line. Displays data points connected with straight lines on a spooked chart.   | Column   | · · · · · · · · · · · · · · · · · · ·   |       |
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| chart.  |  | <b>.</b>                                |       |
|   |  | •                                       |       |
| Area Charts   | Area Charts  |   |       |

|                                    | Area. Displays data points connected with a straight line and a color below the line; groups are displayed as transparent overlays.  |   |
|------------------------------------|--|---|
|                                    | Stacked Area. Displays data points connected with a straight line and a solid color below the line; groups are displayed as solid areas arranged vertically, one on top of another                           |   |
|                                    | Percent Area. Displays data points connected with a straight line and a solid color below the line; groups are displayed as portions of an area of fixed size and arranged vertically one on top of another. |   |
|                                    | Area Spline. Displays data points connected with a fitted curve and a color below the line; groups are displayed as transparent overlays.  |   |
|                                    | Spider Area. Displays data points connected with straight lines and a solid color between the line and the center of a spoken chart; groups are displayed as transparent overlays.                           |   |
| Dual – and<br>Multi-Axis<br>Charts | You can compare two or more measures, using one charting time or multiple charting types, with the charts listed here  |   |
| Hillingh                           | <b>Column Line</b> . Displays<br>leftmost measures as bars,<br>last measure as a line  | <ul> <li>Requires two or more measures.</li> <li>Measures must be placed in the Columns location.</li> <li>Fields and dimensions can be placed only in the Rows location</li> </ul>   |
| <b>ITTOM</b>                       | Stacked Column Line. Displays leftmost measures as stacked bars, last measure as a line.   | <ul> <li>Requires three or more measures.</li> <li>Measures must be placed in the Columns location</li> <li>Fields and dimensions can be placed only in the Rows location.</li> </ul> |

| ed lin                | Column Spline. Displays leftmost measures as bars the last measure as a spline.   | <ul> <li>Requires two or more measures</li> <li>Measures must be placed in the Columns location.</li> <li>Fields and dimension can be placed only in the Rows location.</li> </ul>    |
|-----------------------|---|---|
| ामि<br>सिम्म          | Stacked Column Spline. Displays leftmost measures as stacked bars, last measure as a line.  | <ul> <li>Requires three or more measures.</li> <li>Measures must be placed in the Columns location</li> <li>Fields and dimensions can be placed only in the Rows location.</li> </ul> |
|                       | Multi-Axis Line. Displays each measure as a separate axis line.   | <ul> <li>Requires two or more measures.</li> <li>Measures must be placed in the Columns location</li> <li>Fields and dimensions can be placed only in the Rows location.</li> </ul>   |
|                       | Multi-Axis Spline. Displays each measure as a separate axis spline.   | <ul> <li>Requires two or more measures.</li> <li>Measures must be placed in the Columns location.</li> <li>Fields and dimensions can be placed only in the Rows location.</li> </ul>  |
|                       | Multi-Axis Column. Displays each measure as a separate axis column.   | <ul> <li>Requires two or more measures.</li> <li>Measures must be placed in the Columns location.</li> <li>Fields and dimensions can be placed only in the Rows location.</li> </ul>  |
| Time Series<br>Charts | Time series charts illustrate data points at successive time intervals.   |   |
|                       | <b>Line.</b> Displays date and time data points connected with straight lines.  | <ul> <li>Requires a single date/time field in the Rows location.</li> <li>Field must be set to the day group function.</li> </ul>   |
|                       | <b>Spline</b> . Displays date and time data points connected with a fitted curve.   | <ul> <li>Requires a single date/time field in the Rows location.</li> <li>Filed must be set to the day group function.</li> </ul>   |
|                       | Area. Displays date and time data points connected with a straight line and a color below the line; groups are displayed as transparent overlays. | <ul> <li>Requires a single date/time field in the Rows location.</li> <li>Filed must be set to the day group function.</li> </ul>   |

|  |  | <del> </del>   |
|--|--|--|
|  | Area Spline. Displays date time and time data points connected with a fitted curve and a color below the line; groups are displayed as transparent overlays.   | <ul> <li>Requires a single date/time field in the Rows location.</li> <li>Field must be set to the day group function.</li> </ul>  |
|  | Scatter charts show the  |  |
| Scatter  | extent of correlation  |  |
| Charts   | between the values of  |  |
|  | observed quantities  |  |
|  | Scatter. Displays first  |  |
|  | measures as the x-axis, the  | • Requires exactly two   |
|  | •  |  |
| State of the state | second measure as the y-   | measures.  |
|  | axis. Other fields and   | • Measures must be placed in   |
|  | dimensions in the column   | the Columns location.  |
|  | group become data points.  |  |
| <b> </b>   | Bubble charts show the   |  |
| Bubble   | correlation between the  |  |
| Charts   | three measures, displayed as   |  |
|  | disks.   |  |
|  | <b>Bubble.</b> Displays the first  |  |
|  | measure as the x-axis, the   |  |
| 240  | second measure as the y-axis   |  |
| 3-460  | and the third measure  |  |
|  | determine the size of the  |  |
|  | disk.  |  |
| Pie Charts   | Pie charts display values as   |  |
| Lie cilai rz   | slices of a circular graph.  |  |
|  | <u> </u>   | <u> </u>   |
|  | <b>Pie</b> . Multiple measures of a  |  |
| •  | <b>Pie</b> . Multiple measures of a group are displayed as   |  |
|  | <b>Pie</b> . Multiple measures of a  |  |
|  | <b>Pie</b> . Multiple measures of a group are displayed as   |  |
|  | <b>Pie</b> . Multiple measures of a group are displayed as sectors of a circle.  |  |
| <ul><li></li></ul>   | <pre>Pie. Multiple measures of a group are displayed as sectors of a circle. Dual Pie. Multiple measures</pre>   |  |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as   |  |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric   |  |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures   |  |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as   |  |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.   |  |
| Range Charts   | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as   |  |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values  | • One filed, followed by one   |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values heat maps  |  |
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|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values heat maps  | measure required in the Columns location.  |
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|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values heat maps  Heat Map. Individual values represented as colors   | <ul><li>measure required in the Columns location.</li><li>One filed required in the Rows location.</li></ul>   |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values heat maps  Heat Map. Individual values represented as colors  Time Series Heat Map.  | <ul><li>measure required in the Columns location.</li><li>One filed required in the Rows location.</li><li>One Measure is required in</li></ul>  |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values heat maps  Heat Map. Individual values represented as colors  Time Series Heat Map. Individual values across   | <ul><li>measure required in the Columns location.</li><li>One filed required in the Rows location.</li><li>One Measure is required in the Columns location.</li></ul>  |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values heat maps  Heat Map. Individual values represented as colors  Time Series Heat Map.  | measure required in the Columns location. • One filed required in the Rows location. • One Measure is required in the Columns location. • One Date/Time field is   |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values heat maps  Heat Map. Individual values represented as colors  Time Series Heat Map. Individual values across dates/times represented as colors.  | <ul><li>measure required in the Columns location.</li><li>One filed required in the Rows location.</li><li>One Measure is required in the Columns location.</li></ul>  |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values heat maps  Heat Map. Individual values represented as colors  Time Series Heat Map. Individual values across dates/times represented as colors.  Dual Measure Tree Map.  | measure required in the Columns location.  • One filed required in the Rows location.  • One Measure is required in the Columns location.  • One Date/Time field is required in the Rows location.   |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values heat maps  Heat Map. Individual values represented as colors  Time Series Heat Map. Individual values across dates/times represented as colors.  Dual Measure Tree Map. Displays data as color-coded   | measure required in the Columns location.  • One filed required in the Rows location.  • One Measure is required in the Columns location.  • One Date/Time field is required in the Rows location.  • Two Measures required in the   |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values heat maps  Heat Map. Individual values represented as colors  Time Series Heat Map. Individual values across dates/times represented as colors.  Dual Measure Tree Map. Displays data as color-coded rectangles; the size of each  | measure required in the Columns location.  • One filed required in the Rows location.  • One Measure is required in the Columns location.  • One Date/Time field is required in the Rows location.   |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values heat maps  Heat Map. Individual values represented as colors  Time Series Heat Map. Individual values across dates/times represented as colors.  Dual Measure Tree Map. Displays data as color-coded rectangles; the size of each rectangle is proportional to                           | measure required in the Columns location.  • One filed required in the Rows location.  • One Measure is required in the Columns location.  • One Date/Time field is required in the Rows location.  • Two Measures required in the   |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values heat maps  Heat Map. Individual values represented as colors  Time Series Heat Map. Individual values across dates/times represented as colors.  Dual Measure Tree Map. Displays data as color-coded rectangles; the size of each rectangle is proportional to the first measure and the | measure required in the Columns location.  • One filed required in the Rows location.  • One Measure is required in the Columns location.  • One Date/Time field is required in the Rows location.  • Two Measures required in the Columns location.                                 |
|  | Pie. Multiple measures of a group are displayed as sectors of a circle.  Dual Pie. Multiple measures of a group are displayed as sectors of concentric circles.  Semi-Pie. Multiple measures of a group are displayed as sectors of a half-circle.  Range Charts display values heat maps  Heat Map. Individual values represented as colors  Time Series Heat Map. Individual values across dates/times represented as colors.  Dual Measure Tree Map. Displays data as color-coded rectangles; the size of each rectangle is proportional to                           | measure required in the Columns location.  • One filed required in the Rows location.  • One Measure is required in the Columns location.  • One Date/Time field is required in the Rows location.  • Two Measures required in the Columns location.  • One field is required in the |

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| Tree Map. Displays the data as rectangles; the size of each rectangle is proportional to the measure of the data it represents. The tree map displays nested rectangles when you more than one field; the parent rectangle represents the leftmost measure while the nested rectangles represent the current level of aggregation. Click on a parent rectangle to drill down to the nest rectangles. | <ul> <li>One Measure is required in the Columns location.</li> <li>On field is required in the Rows location.</li> </ul>            |
| Parent Tree Map. Displays data as nested rectangles; the size of each rectangle is proportional to the measure of the data it represents. The nested rectangles represent the current level of aggregation while the larger rectangle represents the parent level in the hierarchy. Click on a parent rectangle to drill down to the nested rectangles.  | <ul> <li>One Measure is required in the Columns location.</li> <li>Two or more Fields are required in the Rows location.</li> </ul> |