

Comparing WinForms Charts

Explore all of the features offered by FlexChart and MS Chart. You can download the matrix in [PDF](#).

Chart Types

Chart Types	FlexChart	MS Chart
Area	✓	✓
StackedArea	✓	✓
StackedArea100	✓	✓
SplineArea	✓	✓
StackedSplineArea	✓	
StackedSplineArea100	✓	
StepArea	✓	
Bar	✓	✓
StackedBar	✓	✓
StackedBar100	✓	✓
Bubble	✓	✓
CandleStick	✓	✓
Column	✓	✓
Combination	✓	✓
StackedColumn	✓	✓
StackedColumn100	✓	✓
Histogram	✓	✓
Ranged Histogram	✓	✓
Pareto	✓	
Gantt	✓	
Floating Bar	✓	
Stock/ HighLowOpenClose	✓	✓
Line	✓	✓
LineStacked	✓	
LineStacked100	✓	
Spline	✓	✓
SplineStacked	✓	
SplineStacked100	✓	

LineSymbols	✓	
StackedLineSymbols	✓	
StackedLineSymbols100	✓	
SplineSymbols	✓	
SplineSymbolsStacked	✓	
StackedSplineSymbols100	✓	
Step	✓	
StepSymbols	✓	
Pie	✓	✓
Doughnut	✓	✓
PieExploded	✓	✓
DoughnutExploded	✓	✓
Point/ Scatter	✓	✓
Radar	✓	✓
Polar	✓	✓
Box-and-Whisker	✓	✓
ErrorBar	✓	✓
Funnel	✓	✓
Sunburst	✓	
TreeMap	✓	
Waterfall	✓	
2D	✓	✓
Heikin-Ashi	*	
LineBreak/ThreeLineBreak	*	✓
Renko	*	✓
Kagi	*	✓
ColumnVolume	*	
EquiVolume	*	
CandleVolume	*	
ArmsCandleVolume	*	
FastLine		✓
FastPoint		✓
StepLine		✓
RangeBar		✓

RangeColumn		✓
SplineRange		✓
Range		✓
PointAndFigure		✓
Pyramid		✓
3D		✓

* Available in FinancialChart

Data Binding

Data Binding	FlexChart	MS Chart
MS SQL Server	✓	✓
OleDb	✓	✓
ODBC	✓	✓
Object Data Source	✓	✓
Oracle	✓	✓
SharePoint Objects	✓	✓
Unbound Data		✓

Chart Features

Data Binding	FlexChart	MS Chart
Annotations	✓	✓
Axis binding	✓	✓
Customizable data labels	✓	✓
Customizable headers and footers	✓	✓

Data Manipulations

Data Manipulations	FlexChart	MS Chart
Aggregation	With custom code	✓
Sorting	With custom code	✓
TopN	With custom code	✓

Core Features

Core Features	FlexChart	MS Chart
Handle Empty/ Null Data Points	✓	✓
HitTest	✓	✓
DirectX Rendering, GDI+, SVG	✓	

Rendering		
Trendlines	✓	
Coordinate Conversion Methods	✓	✓
Serialization Support	✓	✓
Annotations	✓	✓
Financial Analysis using predefined Indicators and Overlays	✓	✓
DataPoint Filtering		✓
DataPoint Sorting		✓
Grouping		✓
DataPoints Searching		✓
Copy/ Merge/ Split Series Data		✓
Export to Dataset		✓
Statistical Analysis using predefined formulas		✓
LineMarkers	✓	✓
Multiple Axis	✓	
Multiple plot areas	✓	
Sunburst Drilldown	✓	
TreeMap Drilldown	✓	

Look & Feel

Look & Feel	FlexChart	MS Chart
Predefined Palettes	16	12
Custom Palette	✓	✓
Background Color	✓	✓
Background Image	✓	✓
Background Gradient/ HatchStyles		✓
Border and Border Styles		✓
Themes	16 themes	12 themes

Chart Area

Chart Area	FlexChart	MS Chart
Header	✓	✓

Footer	✓	
Multiple Headers		✓
Header/ Footer Borders	✓	✓
Header/ Footer Alignment	✓	✓
Rotate ChartArea	✓	
Multiple Chart or Plot Areas	✓	✓
Toggle Visibility		✓

Plot Area

Plot Area	FlexChart	MS Chart
Plot position configuration		✓
Plot margins	✓	
Markers for PlotElements	Supported on FlexChart with LineSymbols/ SplineSymbols and Scatter chart types	✓
Markers Size	✓	✓
Markers as Images		✓
Markers: Border and Border styling		✓
Background Image/ Gradient/ HatchStyle for PlotElements		✓
Border and Border styling for Plot Elements		✓
Empty Points Styling		✓

Data Labels

Data Labels	FlexChart	MS Chart
Offset	✓	
ConnectingLines	✓	✓
Borders and Border styling	✓	✓
Styling	✓	✓
Format String	✓	✓
Custom Content	✓	
Manage Overlapping	✓	
Positions for Cartesian charts	Bottom/ Center/ Left/ None/ Right/	Only applies to bar charts. Outside/ Left/ Right/

	Top	Center
Positions for Pie charts	Center/ Inside/ Outside/ None	Inside/ Outside/ None

Axis

Axis	FlexChart	MS Chart
Axis: Primary X/Y	✓	✓
Axis: Secondary X/Y	✓	✓
Axis: Multiple Secondary X/Y	✓	
Axis Label: Format strings	✓	
Axis Label: Hide	✓	✓
Axis Label: styling	✓	✓
Axis Range (Min/Max) values	✓	
Axis: Hide	✓	✓
Axis: Logarithmic	✓	✓
Axis: Reverse	✓	✓
Axis: Grouping	✓	✓
AxisLine Styling	✓	✓
Labels: Alignment	✓	
Labels: Angle	✓	✓
Labels: Hide overlapping	✓	
Major/ Minor GridLines	✓	✓
Major/ Minor TickMarks	✓	✓
Major/ Minor Units	✓	✓
TickMarks Length	✓	
TickMarks Styling	✓	✓
Title and Title Styling	✓	✓
Configure Origin	Any value	Auto/ Min/ Max
TickMarks Position	Cross/ Inside/ Outside/ None	Cross/ Inside/ Outside/ None
Position	Top/ Bottom/ Left/ Right/ Auto/ None	
ArrowHead styling		✓
Axis Label: Custom		✓
Axis Label: Staggered		✓
ScaleBreaks		✓

Series

Series	FlexChart	MS Chart
Multiple Series	✓	✓
Data binding	✓	✓
Chart types at series level	✓	✓
Styling	✓	✓
Visibility	Plot/ Legend/ Both Plot and Legend/ Hidden	Plot/ Plot and Legend/ Hidden
Conditional Formatting	✓	
Stacked charts	✓	

Legends

Legends	FlexChart	MS Chart
Title	✓	✓
Title Style	✓	✓
TextWrap	✓	
Toggle Series Visibility from legend	✓	
Orientation	Auto/ Vertical/ Horizontal	Vertical/ Horizontal/ Table
Position	Left/ Top/ Right/ Bottom	Left/ Top/ Right/ Bottom
Custom Legend Items		✓
Items Ordering		✓
Multiple Legends		✓
Custom Legend Icon	✓	

Marker Symbols

Marker Symbols	FlexChart	MS Chart
Box	✓	✓
Dot	✓	✓
Diamond		✓
Triangle		✓
Cross		✓
Star4		✓
Star5		✓

Star6		✓
Star10		✓

User Interactions

User Interactions	FlexChart	MS Chart
Tooltips	✓	✓
Series selection	✓	✓
Point selection	✓	✓
Range Selection	✓	
Zooming	✓	✓
Scrolling	✓	✓
Drilldown	With custom code	With custom code
Draggable Annotations		✓

Tooltips

Tooltips	FlexChart	MS Chart
Auto tooltips	✓	
Custom content	✓	String type only
Show Delay	✓	
Styling	✓	
String type only		✓
Tooltips for different chart elements		✓

Financial Chart Features

Financial Chart Features	FinancialChart	MS Chart
Bollinger bands overlays	*	
Envelope overlay	*	
Fibonacci tools	*	
Indicators	*	
MACD Indicator	*	
Moving averages	*	
Overlays	*	
Stochastic Oscillator Indicator	*	
Fibonacci tools	*	

Pie Charts

Pie Charts	FlexChart	MS Chart
Exploded slices	✓	✓
Inner Radius	✓	✓
Starting Angle of first slice	✓	✓

Exporting, Importing & Printing

Exporting, Importing & Printing	FlexChart	MS Chart
Export to JPEG/ JPG	✓	✓
Export to PNG	✓	✓
Export to SVG	✓	
Export to BMP		✓
Export to EMF		✓
Export to EMfDual		✓
Export to EMfPlus		✓
Export to GIF		✓
Export to TIFF		✓
Save/ Load to Binary files		✓
Save/ Load to memory streams		✓
Save/ Load to XML		✓
Printing	✓	✓
Print Support	✓	✓

Footprint

Footprint	FlexChart	MS Chart
Assembly Size	330KB	904KB

Pricing

Pricing	FlexChart	MS Chart
Pricing	\$	\$