Using Charts with ExcelTemplate

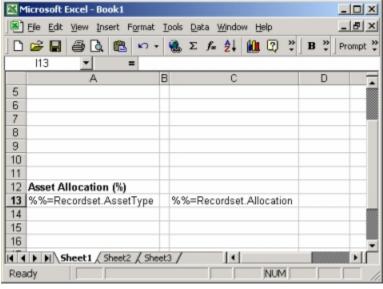
When you include a chart in a template spreadsheet, you can use a data marker column as a data source for the chart. Excel will automatically adjust charts to include the number of rows that ExcelWriter assigns to the data marker column.

Code Sample: Using Charts with ExcelTemplate

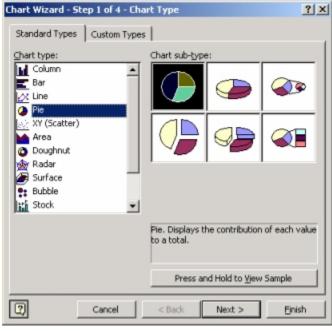
[C#][VB.NET]

How to Link a Chart to a Template Data Marker

1. In Microsoft Excel, create an ExcelWriter template. For instructions on creating a template, see How to Use Templates.



2. Use Excel's Chart Wizard to create a chart in your spreadsheet. Open the **Insert** menu and select **Chart...**, or click the toolbar's Chart Wizard icon. Select the type of chart you would like to create and click **Next**.



3. In the Data Range field, enter the cell that contains the data marker that you want to use as a data source for your chart. Excel requires both a starting point and an ending point in the Data Range Field. So, if your data marker is at cell C13, enter =Sheet1\!\$C\$13:\$C\$13. The number of rows ExcelWriter will insert at the data marker will vary, and Excel will automatically adjust the chart to include all data in the data marker column.

Chart Wizard -	Step 2 of 4 - Chart Source Data	<u>? ×</u>
Data Range	Series	
	a 1	
Data range: Series in:	=Sheet1!\$C\$13:\$C\$13 © Rows © Columns	
2	Cancel < Back Next > Eir	hish

4. Select the **Series** tab, and in the **Category Label** field, enter the range of cells containing the label data marker. Include starting and end points in the category label range. For example, if the label data marker is at cell A13, enter **=Sheet1\!\$A\$13:\$A\$13**and Excel will automatically adjust the chart for the amount of data that fills the spreadsheet.

Chart Wizard - Step 2 of 4 - Chart Source Data	<u>? ×</u>
Data Range Series	
	81
Series Name:	
<u>V</u> alues: =Sheet1!\$Cs	\$13:\$C\$13 🗾
Category Labels: =Sheet11\$A\$13:\$4	A\$13 🔊
Cancel < Back Nex	xt >Einish

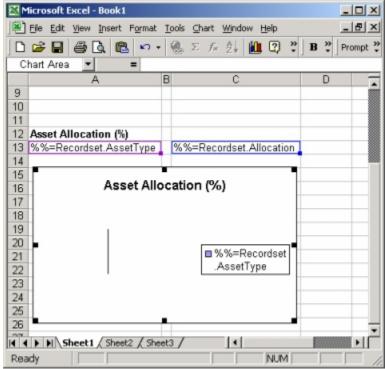
5. Enter a chart title and click Next.

Chart Wizard - Step 3 of 4 - Cl	hart Options			<u>? ×</u>
Titles Legend Data Lab	els			
Chart title: Asset Allocation (%)	- [Asset A	llocation (%)	
Category (X) axis:	_			
Value (Y) axis:	-		0.55:	Recordset Asso
Second category (X) axis:	_	1	ety	
Second value (Y) axis:	_			
-	_			
2	Cancel	< <u>B</u> ack	Next >	<u>F</u> inish

6. Select a chart location and click Finish to insert the chart into your spreadsheet.

Chart Wizard - Step 4 of 4 - Chart Location								
Place chart: -								
	C As new gheet:	Chart1						
	• As <u>o</u> bject in:	Sheet1		<u>-</u>				
	Cancel	< <u>B</u> ack	Next >	Einish				

7. The unpopulated chart is now in your spreadsheet.



8. Format the chart and data marker cells as you would like them to appear when the final spreadsheet is created. Data marker formatting is carried down to each inserted cell when data is dynamically entered into the spreadsheet by ExcelWriter.

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9. Run your ExcelWriter application to populate the spreadsheet.

