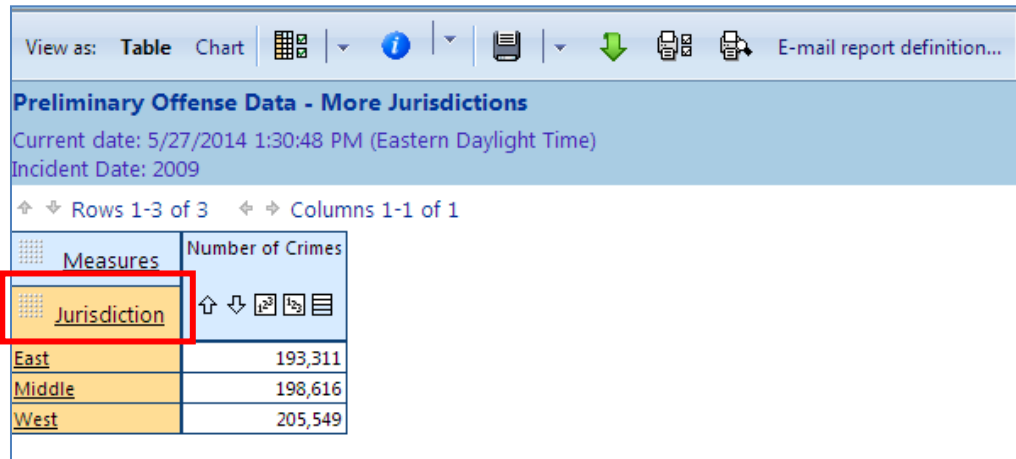


Perspective 6.0 Tutorial

Applying Calculations

1. To apply a calculation to the values in the current report (for example, to show values as a percentage), select a dimension (for example, **Jurisdiction**).



The screenshot shows the report interface for 'Preliminary Offense Data - More Jurisdictions'. The 'Measures' section is set to 'Number of Crimes'. The 'Jurisdiction' dimension is selected and highlighted with a red box. The data table below shows the following values:

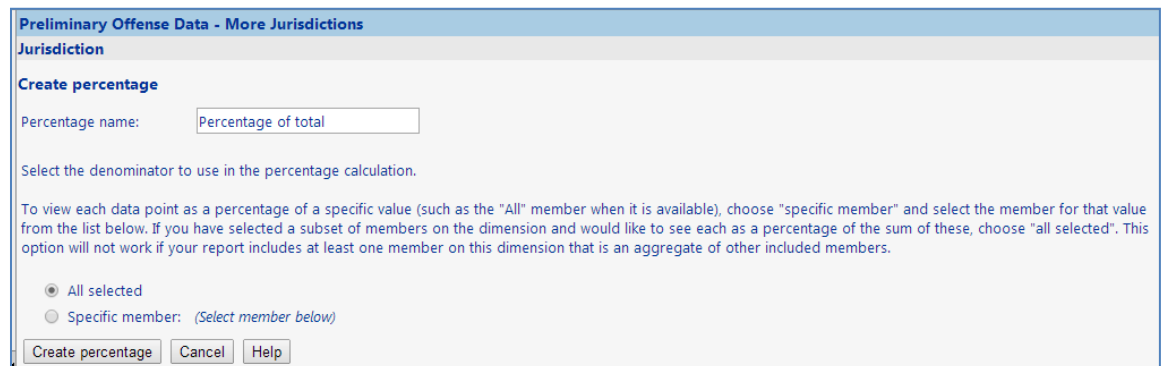
Measures	Number of Crimes
East	193,311
Middle	198,616
West	205,549

2. Select the **Percentages** tab and then click the **Create new percentage** button.



The screenshot shows the 'Jurisdiction' dimension configuration screen. The 'Percentages' tab is selected. The 'Create new percentage' button is visible, and the text 'No percentages defined' is displayed below it.

3. On the **Create percentage** dialog, enter the name that identifies the new percentage and select how you want the denominator to be calculated. Then click the **Create percentage** button.



The screenshot shows the 'Create percentage' dialog box. The 'Percentage name' field is set to 'Percentage of total'. The 'All selected' radio button is selected. The 'Create percentage' button is visible at the bottom.

- The new percentage is displayed on the **Percentages** tab.

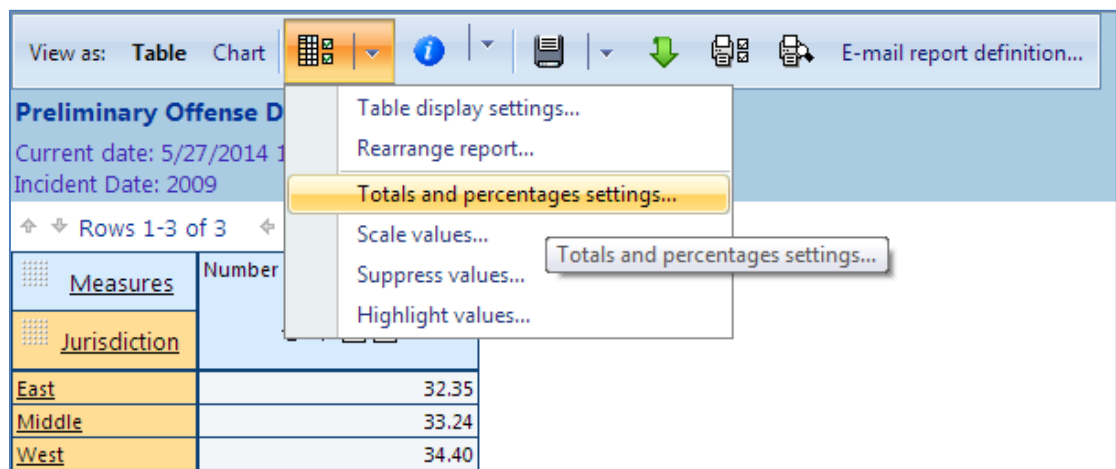


- Click the **Show Report** button. The percentage values appear in the **Measures** dimension as new members. The Percentage name that you entered in step 3 appears after the name of the measure.

The screenshot shows the 'Preliminary Offense Data - More Jurisdictions' window with a pivot table. The table has two columns: 'Measures' and 'Jurisdiction'. The 'Measures' column contains 'Number of Crimes Percenta...'. The 'Jurisdiction' column lists 'East', 'Middle', and 'West'. The values for each jurisdiction are 32.35, 33.24, and 34.40 respectively. The table is titled 'Preliminary Offense Data - More Jurisdictions' and includes a timestamp 'Current date: 5/27/2014 1:39:05 PM (Eastern Daylight Time)' and 'Incident Date: 2009'. The table is currently showing 'Rows 1-3 of 3' and 'Columns 1-1 of 1'.

Measures	Number of Crimes Percenta...
Jurisdiction	
East	32.35
Middle	33.24
West	34.40

- To display the percentage AND the original value, select **Table options => Totals and percentages settings**.



- The **Totals and percentages** dialog box appears. Select the **Display values and percentages together** checkbox and click **OK**.

Preliminary Offense Data - More Jurisdictions

Totals and percentages settings

OK Cancel Help

Display values and percentages together

Interaction with measures (double-click a 'Total function' cell to change it):

Hierarchy	Measure	Total function
Jurisdiction	Number of Crimes	Aggregate
Jurisdiction	Number of Offenses	Aggregate
Jurisdiction	Number of Incidents	Aggregate
Jurisdiction	Estimated Population	Aggregate
Jurisdiction	Crime Rate (per 1,000)	Aggregate
Jurisdiction	Incident Rate (per 1,000)	Aggregate

- The values and percentages are now displayed for the report.

Preliminary Offense Data - More Jurisdictions

Current date: 5/27/2014 1:45:17 PM (Eastern Daylight Time)
Incident Date: 2009

Rows 1-3 of 3 Columns 1-2 of 2

Measures	Number of Crimes	Number of Crimes Percenta...
Jurisdiction	↑ ↓ [123] [123] [123]	↑ ↓ [123] [123]
East	193,311	32.35
Middle	198,616	33.24
West	205,549	34.40