

ADDRESSING AND PARTITIONING FIELDS IN A TABLE CALCULATION

Whenever we add a table calculation to a view, we must use all dimensions in the level of detail either for **partitioning (scoping)** or for **addressing (direction)**.

The **Addressing** fields are the dimensions on which the table calculation is performed. These fields determine the **direction** of the table calculation

The **Partitioning** fields are the dimensions that decide the **boundary** within which the table calculation is performed

These fields determine the **scope** of the table calculation

The easy way to determine the **Addressing** fields and **Partitioning** fields is by observing the **Specific Dimensions** in the **Edit Table Calculation** dialog box

- The dimensions that are **selected** are the **Addressing** fields (determine the **direction**)
- The remaining dimensions are the **Partitioning** fields (determine the **scope**)

ADDRESSING AND PARTITIONING FIELDS IN A TABLE CALCULATION

COMPUTE USING TABLE (ACROSS)

Pages

Columns: Region

Rows: Sub-Category

Filters

Marks

Automatic

Color Size Text

Detail Tooltip

SUM(Sales)

Sub-Category	Central	East	South	West	Grand Total
Accessories	20.29%	26.90%	16.30%	36.51%	100.00%
Appliances	21.93%	31.79%	18.16%	28.12%	100.00%
Art	21.26%	27.60%	17.17%	33.97%	100.00%
Binders	27.98%	26.30%	18.20%	27.51%	100.00%
Bookcases	21.03%	38.14%	9.49%	31.34%	100.00%
Chairs	25.95%	29.31%	13.75%	30.99%	100.00%
Copiers	24.92%	35.59%	6.22%	33.27%	100.00%
Envelopes	28.14%	26.56%	20.31%	24.99%	100.00%
Fasteners	25.73%	27.10%	16.64%	30.53%	100.00%
Furnishings	16.63%	31.70%	18.87%	32.79%	100.00%
Labels	19.63%	20.85%	18.85%	40.67%	100.00%
Machines	14.16%	34.93%	28.48%	22.43%	100.00%
Paper	22.29%	25.70%	18.03%	33.98%	100.00%
Phones	21.94%	30.49%	17.67%	29.90%	100.00%
Storage	20.52%	31.99%	15.98%	31.51%	100.00%
Supplies	20.28%	23.05%	17.82%	38.84%	100.00%
Tables	18.92%	18.91%	21.22%	40.95%	100.00%
Grand Total	21.82%	29.55%	17.05%	31.58%	100.00%

Table Calculation

% of Total Sales

Calculation Type

Percent of Total

☐ Compute total across all pages

Compute Using

Table (across)

Table (down)

Table

Cell

Specific Dimensions

☒ Region

☐ Sub-Category

At the level

☒ Show calculation assistance

Addressing fields
(Selected fields)

Partitioning fields
(Un-Selected fields)

ADDRESSING AND PARTITIONING FIELDS IN A TABLE CALCULATION

COMPUTE USING TABLE

Pages

Filters

Marks

Columns

Rows

Table Calculation

% of Total Sales

Calculation Type

Percent of Total

Compute total across all pages

Compute Using

Table (across)

Table (down)

Table

Cell

Specific Dimensions

☒ Region

☒ Sub-Category

At the level

☒ Show calculation assistance

Sub-Category	Region				Grand Total
	Central	East	South	West	
Accessories	1.48%	1.96%	1.19%	2.66%	7.29%
Appliances	1.03%	1.49%	0.85%	1.32%	4.68%
Art	0.25%	0.33%	0.20%	0.40%	1.18%
Binders	2.48%	2.33%	1.61%	2.44%	8.85%
Bookcases	1.05%	1.91%	0.47%	1.57%	5.00%
Chairs	3.71%	4.19%	1.97%	4.43%	14.30%
Copiers	1.62%	2.32%	0.40%	2.17%	6.51%
Envelopes	0.20%	0.19%	0.15%	0.18%	0.72%
Fasteners	0.03%	0.04%	0.02%	0.04%	0.13%
Furnishings	0.66%	1.27%	0.75%	1.31%	3.99%
Labels	0.11%	0.11%	0.10%	0.22%	0.54%
Machines	1.17%	2.88%	2.35%	1.85%	8.24%
Paper	0.76%	0.88%	0.62%	1.16%	3.42%
Phones	3.15%	4.38%	2.54%	4.30%	14.37%
Storage	2.00%	3.12%	1.56%	3.07%	9.74%
Supplies	0.41%	0.47%	0.36%	0.79%	2.03%
Tables	1.70%	1.70%	1.91%	3.69%	9.01%
Grand Total	21.82%	29.55%	17.05%	31.58%	100.00%



All dimensions are Addressing fields
(Selected fields)



No Partitioning fields

ADDRESSING AND PARTITIONING FIELDS IN A TABLE CALCULATION

COMPUTE USING CELL

Pages

Columns Region

Rows Sub-Category

Filters

Marks

Automatic

Color Size Text

Detail Tooltip

SUM(Sales)

Sub-Category	Central	East	South	West	Grand Total
Accessories	100.0%	100.0%	100.0%	100.0%	100.0%
Appliances	100.0%	100.0%	100.0%	100.0%	100.0%
Art	100.0%	100.0%	100.0%	100.0%	100.0%
Binders	100.0%	100.0%	100.0%	100.0%	100.0%
Bookcases	100.0%	100.0%	100.0%	100.0%	100.0%
Chairs	100.0%	100.0%	100.0%	100.0%	100.0%
Copiers	100.0%	100.0%	100.0%	100.0%	100.0%
Envelopes	100.0%	100.0%	100.0%	100.0%	100.0%
Fasteners	100.0%	100.0%	100.0%	100.0%	100.0%
Furnishings	100.0%	100.0%	100.0%	100.0%	100.0%
Labels	100.0%	100.0%	100.0%	100.0%	100.0%
Machines	100.0%	100.0%	100.0%	100.0%	100.0%
Paper	100.0%	100.0%	100.0%	100.0%	100.0%
Phones	100.0%	100.0%	100.0%	100.0%	100.0%
Storage	100.0%	100.0%	100.0%	100.0%	100.0%
Supplies	100.0%	100.0%	100.0%	100.0%	100.0%
Tables	100.0%	100.0%	100.0%	100.0%	100.0%
Grand Total	100.0%	100.0%	100.0%	100.0%	100.0%

Table Calculation

% of Total Sales

Calculation Type

Percent of Total

☐ Compute total across all pages

Compute Using

Table (across)

Table (down)

Table

Cell

Specific Dimensions

☐ Region

☐ Sub-Category

At the level

☒ Show calculation assistance

NOTE: This compute using option is not very useful but was chosen to show the situation when there are no addressing fields



No Addressing fields



All dimensions are Partitioning fields (Un-Selected fields)