

# Tablix Concepts

A closer look at the Tablix report item



# Overview

- Tablix Data Regions
- Tablix Cell Content
- Cell Scope

# Table + Matrix

Product	Avg Sale
<b>Accessories</b>	<b>18.34</b>
Helmets	19.39
Locks	14.92
Pumps	11.94
<b>Bikes</b>	<b>860.45</b>
Mountain Bikes	1,265.96
Road Bikes	719.07
<b>Grand Total</b>	<b>689.66</b>

		2006	2007	Total
<b>Accessories</b>	Helmets	74,281	113,444	187,725
	Locks	10,085	6,141	16,225
	Pumps	8,369	5,145	13,515
<b>Bikes</b>	Mountain Bikes	9,190,838	8,854,263	18,045,101
	Road Bikes	10,765,177	11,294,381	22,059,558
<b>Grand Total</b>		20,048,750	20,273,374	40,322,124

# Tablix Data Regions

Toolbox



Table



Matrix



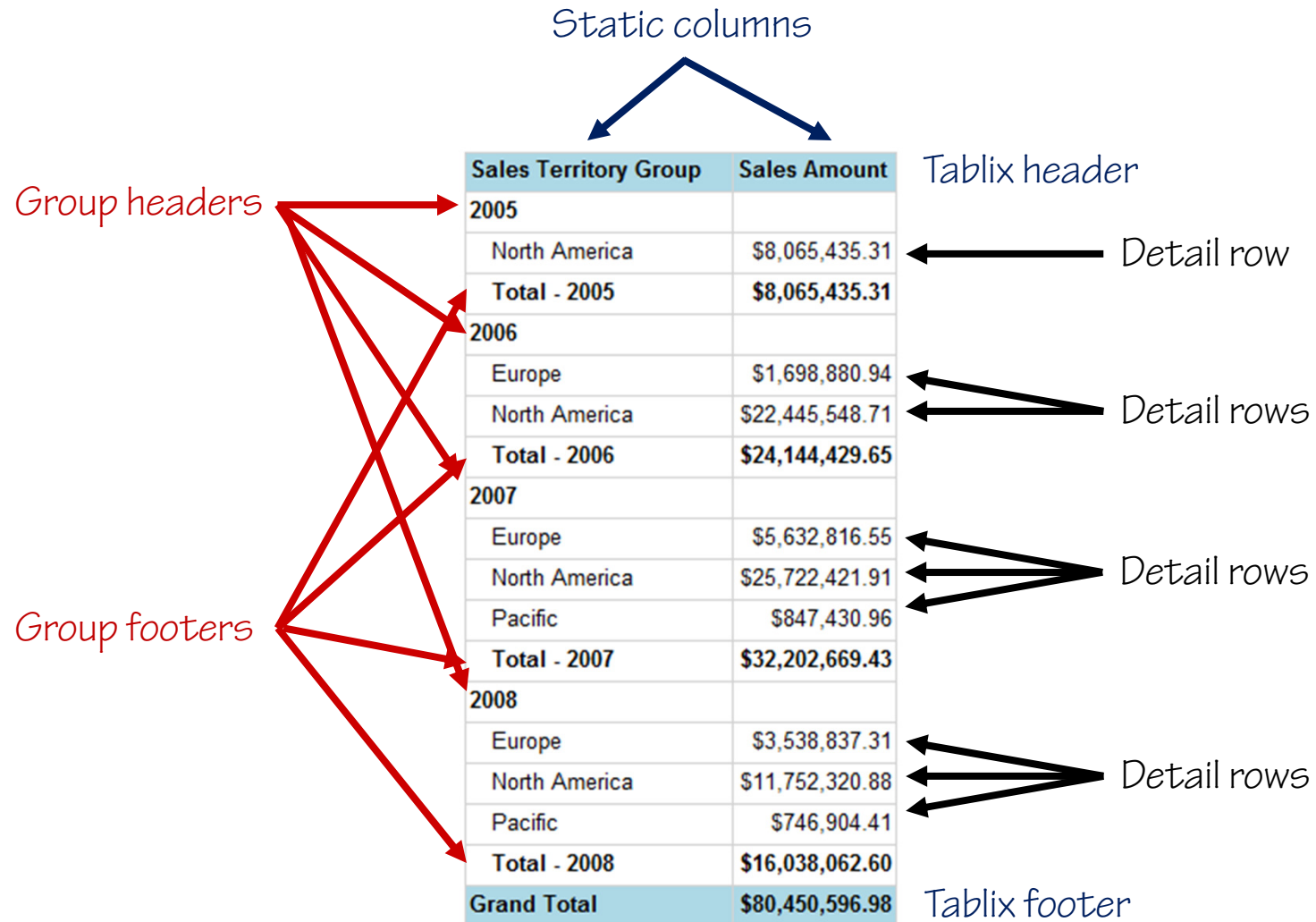
List

Default Layout

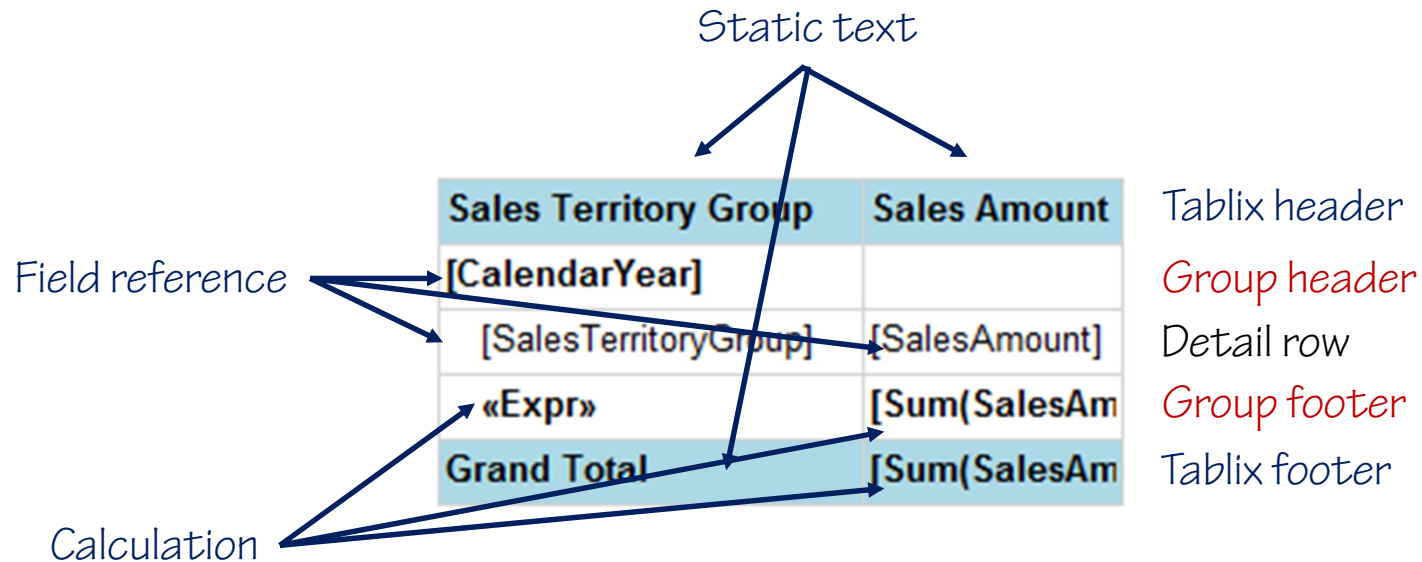
		Header	
		Data	

		Columns
	Rows	Data

# Basic Tablix Structure



# Tablix Cell Contents



[CalendarYear]  
is equivalent to  
=Fields!CalendarYear.Value

# Tablix Cell Scope

## Detail Scope

	Sales Territory Group	Sales Amount
[CalendarYear]		
[SalesTerritoryGroup]	[SalesAmount]	
«Expr»	[Sum(SalesAm	
Grand Total	[Sum(SalesAm	

Selected cell

Current scope indicator  
Detail row indicator

## Group Scope

	Sales Territory Group	Sales Amount
[CalendarYear]		
[SalesTerritoryGroup]	[SalesAmount]	
«Expr»	[Sum(SalesAm	
Grand Total	[Sum(SalesAm	

Group indicator

Row Groups	
[CalendarYear]	
[Details]	

## Data Region Scope

	Sales Territory Group	Sales Amount
[CalendarYear]		
[SalesTerritoryGroup]	[SalesAmount]	
«Expr»	[Sum(SalesAm	
Grand Total	[Sum(SalesAm	



# Summary

- **Tablix Data Regions**
  - Flexible grid layout supporting both static and dynamic groupings
  - Table, matrix, list
- **Tablix Cell Contents**
  - Static text, field references, calculations
- **Cell Scope**
  - Detail scope, group scope, data region scope



# References

- Understanding the Tablix Data Region
  - <http://msdn.microsoft.com/en-us/library/dd220587.aspx>