



Jet Analytics Cubes

Microsoft Dynamics NAV

Version 6.0

CONTENTS

Introduction	3
Terminology	3
OLAP Cube	3
Measure	3
Dimension	4
Bank Account Cube	5
Fixed Asset Cube	7
Finance Cube	9
Inventory Cube	13
Jobs and Resources Cube	18
Manufacturing Cube	24
Payables Cube	27
Purchase Cube	29
Receivables Cube	35
Sales Cube	37
Service Management Cube	50
Warehouse Cube	53
Shared Dimensions	56
Shared Dimensions	56
Dimension Usage	59

Introduction

Jet Analytics is a complete Business Intelligence solution that provides the answers to your mission critical questions. With little or no training users can quickly analyze issues from many different perspectives to discover trends in their business. Jet Analytics provides the strategic information users need to identify opportunities and proactively detect issues before they escalate.

This document describes each Jet Analytics Cube and the related measures and dimensions.

Jet Analytics for Dynamics NAV consists of the following core cubes:

- Bank Account
- Fixed Asset
- Finance
- Inventory
- Jobs & Resources
- Manufacturing
- Payables
- Purchase
- Receivables
- Sales
- Service Management
- Warehouse

Terminology

The terms outlined below provide a brief overview of key terminology used throughout this document.

OLAP Cube

An OLAP (Online Analytical Processing) Cube is set of data, organized by subject matter, which contains large sets of pre-calculated information. The cube data is separated into numerical values called measures and categorical values called dimensions. Because the data in the cube is pre-calculated the analysis of large quantities of information will be very fast.

Measure

Measures are the numeric values that exist in a cube. They are generally transaction-based values such as Sales Amount, Quantity, Profit, etc. Measures fall into two distinct categories:

- **Standard Measures:** Standard Measures are the simplest type of measure. They are values that are aggregated directly from a transaction table. For example, there may be a measure called “Sales Amount” which simply sums up all of the values in the “Amount” field of the Sales Transaction table.

- **Calculated Measures:** Calculated Measures are calculations based off of other measures that exist in the cube. This allows for robust analysis by easily comparing the values in various measures. For example, there may be a measure called “Sales Amount” and another measure called “Cost of Goods Sold”. A calculated measure called “Sales Profit” could be created which would be the calculation of “Sales Amount” – “Cost of Goods Sold”.

Dimension

Dimensions are categories of information within the cube that allow the measures to be analyzed in different ways. They form the foundation of how the numeric values in the cube are sliced and diced by the end user.

Most business questions naturally consist of measures and dimensions. For example, a user that wants to see sales amounts by salesperson and by region consists of one measure and two dimensions. The measure, as discussed previously, would be the numeric value for sales amount and the dimensions would be the categories by which the information is displayed. In this example the dimensions would be Salesperson and Region. Some common dimensions include time, customers, items, salespeople, inventory categories, and G/L accounts.

Bank Account Cube

The Bank Account cube contains detailed information regarding the opening and closing balances, debit and credit amounts in all bank accounts. All bank account related information is retrieved from following table unless noted otherwise:

- **Bank Account Ledger Entry**

Measures

Bank Account Ledger Entry Measure Group

Measure	Description	Database Field / Formula
Debit Amount LCY	Posted debit amount in local currency	Debit Amount
Credit Amount LCY	Posted credit amount in local currency	Credit Amount
Net Change LCY	Difference between debit and credit amount	Debit – Credit
Account Balance LCY	Account Balance at the end of the selected period in local currency	Balance Business Function
Initial Balance LCY	Account Balance at the start of the selected period in local currency	Account Balance – Net Change
Average Balance LCY	Average of Initial balance and account balance.	(Initial Balance + Account Balance) / 2
Debit Amount	Posted debit amount in transaction currency	Debit Amount
Credit Amount	Posted credit amount in transaction currency	Credit Amount
Net Change	Difference between debit and credit amount	Debit – Credit
Account Balance	Account Balance at the end of the selected period in transaction currency	Balance Business Function
Initial Balance	Account Balance at the start of the selected period in transaction currency	Account Balance – Net Change
Average Balance	Average of Initial balance and account balance.	(Initial Balance + Account Balance) / 2

Dimensions

Dimension	Notes
Bank Account	Bank Account associated with the transaction
Bank Document Type	Document Type of the document associated with the transaction
Company	Company the transaction originated from
Currency	Currency of the transaction
Date	Posting date of the transaction
Date Calculation	Functionality for comparisons and aggregations across dates
Global Dimension 1	Global Dimension 1 Code associated with the transaction
Global Dimension 2	Global Dimension 2 Code associated with the transaction
Reason Code	Reason code used in the transaction
Source Code	Source code used in the transaction

Fixed Asset Cube

The Fixed Asset cube contains detailed information regarding the opening and closing values of fixed assets over the year, depreciation charges, maintenance and gain/loss on disposals during the year. All fixed assets related information is retrieved from following table unless noted otherwise:

- **FA Ledger Entry**
- **Maintenance Ledger Entry**

Measures

FA Ledger Entry Measure Group

Measure	Description	Database Field / Formula
Debit Amount	Posted debit amount in local currency	Debit Amount
Credit Amount	Posted credit amount in local currency	Credit Amount
Amount	Amount considering specific fixed asset.	Amount
Acquisition Cost Amount	Amount where Posting Type is Acquisition Cost	Amount
Appreciation Amount	Amount where Posting Type is Appreciation	Amount
Depreciation Amount	Amount where Posting Type is Depreciation	Amount
Fixed Asset Count	Count of fixed assets	FA No. Count
Fixed Asset Value	Fixed Asset value at the end of selected period.	Balance Business Function
Gain Loss Amount	Amount where Posting Type is Gain/Loss	Amount
Proceeds on Disposal Amount	Amount where Posting Type is Proceeds on Disposal	Amount
Salvage Value Amount	Amount where Posting Type is Salvage Value	Amount
Write down Amount	Amount where Posting Type is Write down	Amount
Custom1 Amount	Amount where Posting Type is Custom1	Amount
Custom2 Amount	Amount where Posting Type is Custom2	Amount

Maintenance Ledger Entry Measure Group

Measure	Description	Database Field / Formula
Maintenance	Maintenance Amount	Maintenance Amount

Dimensions

Dimension	Notes
Company	Company the transaction originated from
FA Depreciation Book	FA Depreciation book associated with the transaction
FA Posting Category	FA posting category associated with the transaction
FA Posting Date	FA posting date associated with the transaction
FA Posting Type	FA posting type associated with the transaction
Fixed Asset	Fixed Asset associated with the transaction
Global Dimension 1	Global Dimension 1 Code associated with the transaction
Global Dimension 2	Global Dimension 2 Code associated with the transaction
Maintenance	Maintenance associated with the transaction
Posting Date	Posting date of the transaction
Reason Code	Reason code used in the transaction
Source Code	Source code used in the transaction

Finance Cube

The Finance cube contains detailed information regarding general ledger transactions. All finance related information is retrieved from following tables unless noted otherwise:

- G/L Entry
- G/L Budget Entry

Measures

GL Measure Group

Measure	Description	Database Field / Formula
Net Change	Posted transaction amount in local currency	Amount
Credit Amount	Posted credit amount in local currency	Credit Amount
Debit Amount	Posted debit amount in local currency	Debit Amount
VAT Amount	Tax amount in local currency	Tax Amount
Ending Balance	Ledger balance at end of the selected period	Sum of all transactions through the end of current period
Beginning Balance	Ledger balance at start of the selected period	Ending Balance – Net Change
Net Change LY	Last year value for Amount measure	Parallel Period Business Function
Net Change Variance LY	Variance between Net Change measure and Net Change LY to determine change year over year	Net Change – Net Change LY
Net Change Var % LY	Variance between Net Change measure and Net Change LY as a percentage of Net Change LY	Net Change Variance LY / Net Change LY
Ending Balance LY	Last year value for Ending Balance measure	Parallel Period Business Function
Ending Balance Variance LY	Variance between Ending Balance measure and Ending Balance LY to determine change year over year	Ending Balance - Ending Balance LY
Ending Balance Var % LY	Variance between Ending Balance measure and Ending Balance LY as a percentage of Ending Balance LY	Ending Balance Variance LY / Ending Balance LY
Net Change LM	Last month value for Amount measure	Parallel Period Business Function
Net Change Variance LM	Variance between Net Change measure and Net Change LM to determine change month over month	Net Change – Net Change LM
Net Change Var % LM	Variance between Net Change measure and Net Change LM as a percentage of Net Change LM	Net Change Variance LM / Net Change LM
Ending Balance LM	Last month value for Ending Balance measure	Parallel Period Business Function
Ending Balance Variance LM	Variance between Ending Balance measure and Ending Balance LM to determine change month over month	Ending Balance - Ending Balance LM
Ending Balance Var % LM	Variance between Ending Balance measure and Ending Balance LM as a percentage of Ending Balance LM	Ending Balance Variance LM / Ending Balance LM

Net Change YTD	Year to Date value for Amount measure	Year to Date accumulation for Amount
Net Change YTD LY	Year to Date value for Amount measure for prior year	Parallel Period Business Function
Net Change YTD Var LY	Comparison of year to date values for current period compared to current period last year	Net Change YTD – Net Change YTD LY
Net Change YTD Var % LY	Comparison of year to date values for current period compared to current period last year as a percentage of Net Change YTD LY	Net Change YTD Var LY / Net Change YTD LY
Rolling 12 Months Net Change	Accumulated Net Change over past 12 months	Business Function
Rolling 6 Months Net Change	Accumulated Net Change over past 6 months	Business Function
Rolling 3 Months Net Change	Accumulated Net Change over past 3 months	Business Function
Actual/Budget Ratio	Ratio between Net Change and Budget Amounts	Net Change / Budget
Actual/Budget Variance	Difference between Net Change amount and budget amount	Net Change - Budget
Actual/Budget Var %	Difference between Net Change amount and budget amount represented as a percentage of the deviation compared to the budget	Actual/Budget Variance / Budget
Actual/Budget Ratio LM	Last Month Ratio between Net Change and Budget Amounts	Net Change LM / Budget LM
Actual/Budget Variance LM	Last month value of difference between Net Change LM amount and budget LM amount	Net Change LM – Budget LM
Actual/Budget Var % LM	Last month difference between Net Change LM amount and budget LM amount represented as a percentage of the deviation compared to the budget	Actual/Budget Variance LM / Budget LM
Actual/Budget Ratio LY	Last Year Ratio between Net Change and Budget Amounts	Net Change LY / Budget LY
Actual/Budget Variance LY	Last year value of difference between Net Change LY amount and budget LY amount	Net Change LY – Budget LY
Actual/Budget Var % LY	Last year difference between Net Change LY amount and budget LY amount represented as a percentage of the deviation compared to the budget	Actual/Budget Variance LY / Budget LY
Actual/Budget Ratio YTD	Year to Date Ratio between Net Change and Budget Amounts	Net Change YTD / Budget YTD
Actual/Budget Variance YTD	Year to Date value of difference between Net Change YTD amount and budget YTD amount	Net Change YTD – Budget YTD
Actual/Budget Var % YTD	Year to Date difference between Net Change YTD amount and budget YTD amount represented as a percentage of the deviation compared to the budget	Actual/Budget Variance YTD / Budget YTD
Net Change YTD	Year to Date value for Net Change ACY measure	Year to Date accumulation for Net Change ACY

Net Change YTD LY	Year to Date value for Net Change ACY measure for prior year	Parallel Period Business Function
Additional Currency		
Net Change ACY	Posted transaction amount in additional currency	Additional-Currency Amount
Credit Amount ACY	Posted credit amount in additional currency	Add. Currency Credit Amount
Debit Amount ACY	Posted debit amount in additional currency	Add. Currency Debit Amount
Net Change ACY LY	Last year value for Net Change ACY measure	Parallel Period Business Function
Beginning Balance ACY	Ledger balance at end of the selected period in additional currency	Sum of all transactions through the end of current period
Ending Balance ACY	Ledger balance at start of the selected period in additional currency	Ending Balance ACY – Net Change ACY

GL Budget Measure Group

Measure	Description	Formula
Budget	Budget amount in local currency	Amount ⁽¹⁾
Budget LY	Last year value for Budget measure	Parallel Period Business Function
Budget Variance LY	Variance between Budget measure and Budget LY to determine change year over year	Budget - Budget LY
Budget Var % LY	Variance between Budget measure and Budget LY as a percentage of Budget LY	Budget Variance LY / Budget LY
Budget LM	Last month value for Budget measure	Parallel Period Business Function
Budget Variance LM	Variance between Budget measure and Budget LM to determine change month over month	Budget - Budget LM
Budget Var % LM	Variance between Budget measure and Budget LM as a percentage of Budget LM	Budget Variance LM / Budget LM
Budget YTD	Year to Date value for Budget measure	Year to Date accumulation for Budget

Dimensions

Dimension	Notes
Budget Name	Budget name associated with budget transactions
Business Posting Group	Gen. Bus. Posting Group associated with the transaction
Closing Entry	Differentiates between regular posting transactions and closing entries
Company	Company the transaction originated from
Customer	Customer associated with transactions
Date Calculation	Multi-measure tool for dates
Fixed Asset	Fixed Asset associated with transactions
GL Account	GL Account associated with transactions
GL Document	General Ledger documents grouped by document type
GL General Posting Type	GL General Posting Type associated with the transaction
Global Dimension 1	Global Dimension 1 Code associated with the transaction
Global Dimension 2	Global Dimension 2 Code associated with the transaction
Posting Date	Posting date of the transaction
Product Posting Group	Gen. Prod. Posting Group associated with the transaction
Reason Code	Transaction reason code
Source Code	Transaction source code
VAT Business Posting Group	VAT Business Posting Group associated with the transaction
Vendor	Vendor associated with transactions

Inventory Cube

The Inventory cube contains detailed information regarding valuation and quantities for inventory transactions.

All inventory related information is retrieved from following table unless noted otherwise:

- **Value Entry**
- **Item Application Entry**
- **Sales Invoice Line**

Measures

Inventory Aging Measure Group

Measure	Description	Database Field / Formula
Aging Stock Quantity	Stock quantity from Item Application Entry	Stock Quantity
Aging Stock Value	Stock value from Item Application Entry	Stock Value

Inventory Aging calculates from 3 NAV tables: Item Application Entry, Item Ledger Entry and Value Entry. If the posted Purchase Receipt writes data into Item Application Entry or Item Ledger Entry, then it becomes a part of Inventory Aging data and is reflected in the cube. However, the correct aging quantity and value is available only when inbound document is invoiced. Most common issues resulting in wrong going information are backdating of outbound entry (sales is before purchase) and not invoiced “hanging” document.

Inventory Transactions Measure Group

Measure	Description	Database Field / Formula
Cost	Value amount of inventory transactions	Cost
Quantity	Item quantity of inventory transactions	Quantity
Cost Posted to GL	Value amount of inventory transactions posted to G/L	Cost posted to G/L
Expected Cost	Expected cost of the inventory	Cost Amount (Expected)
Expected Cost Posted to GL	Expected cost of the inventory posted to G/L	Expected Cost Posted to G/L
Cost Increase	Value amount of inventory increased	Calculated in data warehouse
Cost Decrease	Value amount of inventory decreased	Calculated in data warehouse
Quantity Increase	Item quantity of inventory increased	Calculated in data warehouse
Quantity Decrease	Item quantity of inventory decreased	Calculated in data warehouse
Quantity on Hand	Ending inventory quantity for the period	Sum of all item quantities through the end of the current period
Ending Cost	Ending inventory value for the period	Sum of all item costs through the end of the current period
Ending Quantity	Ending inventory quantity for the period	Sum of all item quantities

		through the end of the current period
Beginning Cost	Beginning inventory value for the period	Ending Cost - Cost
Beginning Quantity	Beginning inventory quantity for the period	Ending Quantity - Quantity
% of Total Cost	Percentage of Total Cost	Percent of Column Total Business Function
% of Total Quantity	Percentage of Total Quantity	Percent of Column Total Business Function
Cost Purchase	Cost amount of the inventory purchased for the period	Cost amount with filter on ledger entry type as purchase
Quantity Purchase	Item quantity of the inventory purchased for the period	Quantity with filter on ledger entry type as purchase
Cost Sale	Cost amount of the inventory sold for the period	Cost amount with filter on ledger entry type as sale
Quantity Sale	Item quantity of the inventory sold for the period	Quantity with filter on ledger entry type as sale
Cost Consumption	Cost amount of the inventory consumed for the period	Cost amount with filter on ledger entry type as consumption
Quantity Consumption	Item quantity of the inventory consumed for the period	Quantity with filter on ledger entry type as consumption
Cost Negative Adjmt	Cost amount of the inventory with negative adjustment for the period	Cost amount with filter on ledger entry type as negative adjustment
Quantity Negative Adjmt	Item quantity of the inventory with negative adjustment for the period	Quantity with filter on ledger entry type as negative adjustment
Cost Positive Adjmt	Cost amount of the inventory with positive adjustment for the period	Cost amount with filter on ledger entry type as positive adjustment
Quantity Positive Adjmt	Item quantity of the inventory with positive adjustment for the period	Quantity with filter on ledger entry type as positive adjustment
Cost Transfer	Cost amount of the inventory transferred for the period	Cost amount with filter on ledger entry type as transfer
Quantity Transfer	Item quantity of the inventory transferred for the period	Quantity with filter on ledger entry type as transfer
Cost Output	Cost amount of the inventory produced for the period	Cost amount with filter on ledger entry type as output
Quantity Output	Item quantity of the inventory produced for the period	Quantity with filter on ledger entry type as output
COGS	Cost of goods sold	= -[Measures].[Cost Sale]
Average Inventory Cost	Average inventory cost amount for the period	(Beginning Cost + Ending Cost) / 2
Average Inventory Quantity	Average inventory quantity for the period	(Beginning Quantity + Ending Quantity) / 2

Inventory Turnover Ratio	Number of times inventory is sold or used in a period	COGS / Average Inventory Cost
Inventory Turnover (Days)	Number of days inventory is sold or used in a period	Inventory Turnover Ratio / Number of Days in a period
Inventory to Sales Ratio	Value amount of inventory compared to sales amount during a period.	Ending Cost / Sales Amount
Average Daily COGS	Average Daily Cost of sales in a period	COGS / Number of days in a period
Average Inventory Days of Supply	Number of days the inventory will last based on the sales	Ending Cost / Average Daily COGS
Cost LM	Last month value for cost measure	Parallel Period Business Function
Cost Variance LM	Variance between Cost measure and Cost LM to determine change month over month	Cost – Cost LM
Cost Var % LM	Variance between Cost measure and Cost LM as a percentage of Cost LM	Cost Variance LM / Cost LM
Quantity LM	Last month value for Quantity measure	Parallel Period Business Function
Quantity Variance LM	Variance between Quantity measure and Quantity LM to determine change month over month	Quantity – Quantity LM
Quantity Var % LM	Variance between Quantity measure and Quantity LM as a percentage of Quantity LM	Quantity Variance LM / Quantity LM
Ending Cost LM	Last month value for cost measure	Parallel Period Business Function
Ending Cost Variance LM	Variance between Ending Cost measure and Ending Cost LM to determine change month over month	Ending Cost – Ending Cost LM
Ending Cost Var % LM	Variance between Ending Cost measure and Ending Cost LM as a percentage of Ending Cost LM	Ending Cost Variance LM / Ending Cost LM
Quantity on Hand LM	Last month value for Quantity on Hand measure	Parallel Period Business Function
Quantity on Hand Variance LM	Variance between Quantity on Hand measure and Quantity on Hand LM to determine change month over month	Quantity on Hand – Quantity on Hand LM
Quantity on Hand Var % LM	Variance between Quantity on Hand measure and Quantity on Hand LM as a percentage of Quantity on Hand LM	Quantity on Hand Variance LM / Quantity on Hand LM
Cost LY	Last year value for cost measure	Parallel Period Business Function
Cost Variance LY	Variance between Cost measure and Cost LY to determine change year over year	Cost – Cost LY
Cost Var % LY	Variance between Cost measure and Cost LY as a percentage of Cost LY	Cost Variance LY / Cost LY
Quantity LY	Last year value for Quantity measure	Parallel Period Business Function
Quantity Variance LY	Variance between Quantity measure and	Quantity – Quantity LY

	Quantity LY to determine change year over year	
Quantity Var % LY	Variance between Quantity measure and Quantity LY as a percentage of Quantity LY	Quantity Variance LY / Quantity LY
Ending Cost LY	Last year value for Ending cost measure	Parallel Period Business Function
Ending Cost Variance LY	Variance between Ending Cost measure and Ending Cost LY to determine change year over year	Ending Cost – Ending Cost LY
Ending Cost Var % LY	Variance between Ending Cost measure and Ending Cost LY as a percentage of Cost LY	Ending Cost Variance LY / Ending Cost LY
Quantity on Hand LY	Last year value for Quantity on Hand measure	Parallel Period Business Function
Quantity on Hand Variance LY	Variance between Quantity on Hand measure and Quantity on Hand LY to determine change year over year	Quantity on Hand – Quantity on Hand LY
Quantity on Hand Var % LY	Variance between Quantity on Hand measure and Quantity on Hand LY as a percentage of Quantity on Hand LY	Quantity on Hand Variance LY / Quantity on Hand LY
Inventory Turnover Ratio LY	Last year value of Inventory Turnover Ratio measure	Parallel Period Business Function
Inventory Turnover (Days) LY	Last year value of Inventory Turnover (Days) measure	Parallel Period Business Function
Rolling 12 Months Cost	Accumulated cost over past 12 months	Business Function
Rolling 12 Months Quantity	Accumulated quantity over past 12 months	Business Function
Rolling 6 Months Cost	Accumulated cost over past 6 months	Business Function
Rolling 6 Months Quantity	Accumulated quantity over past 6 months	Business Function
Cost YTD	Year to Date value amount of inventory transactions	Year to date accumulation of cost measure
Quantity YTD	Year to Date Item quantity of inventory transactions	Year to date accumulation of quantity measure

Sales Posted Measure Group

Measure	Description	Database Field / Formula
Sales Amount	Sales Amount of Inventory	Sales

Dimensions

Dimension	Notes
Business Posting Group	Gen. Bus. Posting Group associated with transaction
Company	Company the transaction originated from
Date Calculation	Multi-measure tool for dates
Global Dimension 1	Global Dimension 1 Code associated with the transaction
Global Dimension 2	Global Dimension 2 Code associated with the transaction
Inventory Aging	Aging brackets for Inventory
Inventory Document	Inventory documents grouped by Document Type
Inventory Posting Group	Inventory Posting Group associated with the transaction
Item	Item associated with the transaction
Item Ledger Entry Type	Entry Type of transaction (Sale, Purchase, Adjustment, etc.)
Item Variant	Item variant associated with transaction
Last Purchase Date	Last Purchase Date for an item
Location	Location of the item the transaction is linked to
Posting Date	Posting date of the transaction
Product Posting Group	Gen. Prod. Posting Group associated with the transaction
Reason Code	Transaction reason code
Source Code	Transaction source code
Store	Store associated with transaction

Jobs and Resources Cube

The Bank Account cube contains detailed information regarding the opening and closing balances, debit and credit amounts in all bank accounts. All bank account related information is retrieved from following table unless noted otherwise:

- **Job Ledger Entry**
- **Job Planning Line**
- **Resource Capacity Entry**

Measures

Job Ledger Entry Measure Group

Measure	Description	Database Field / Formula
GL Cost	Cost posted directly to GL.	Total Cost, when entry type is usage and type G/L Account)
GL Sales	Sales posted directly to GL.	Total Price, when entry type is sales and type G/L Account.
GL Profit	Profit posted directly to GL	GL Sales – GL Cost
GL Profit %	Percentage of Profit over sales	GL Profit / GL Sales
GL Sales Expected	Sales posted directly to GL	Total Price, when entry type is usage and type G/L Account
GL Profit Expected	Profit posted directly to GL	GL Sales Expected – GL Cost
GL Profit Expected %	Percentage of Profit over sales	GL Profit Expected / GL Sales Expected
Hour Consumption	Resource hour consumption.	Quantity, when entry type is usage and type resource.
Item Cost	Item Cost used	Total Cost, when entry type is usage and type item
Item Sales Actual	Item Sales	Total Price, when entry type is sales and type item
Item Profit	Item Profit	Item Sales Actual – Item Cost
Item Profit %	Percentage of Item profit over Item Sales	Item Profit / Item Sales Actual
Item Sales Expected	Item Sales Expected	Total Price, when entry type is usage and type item
Item Profit Expected	Item Profit Expected	Item Sales Expected – Item Cost
Item Profit Expected %	Percentage of Item profit expected over Item Sales expected	Item Profit Expected / Item Sales Expected
Item Quantity	Item quantity used.	Quantity, when entry type

		is usage and type item
Resource Cost	Resource cost	Total Cost, when entry type is usage and type resource
Resource Sales Actual	Resource expected sales.	Total Price, when entry type is sales and type resource
Resource Profit	Resource Profit	Resource Sales Actual – Resource Cost
Resource Profit %	Percentage of Resource Profit over Resource Sales	Resource Profit / Resource Sales Actual
Resource Sales Expected	Resource Sales Expected	Total Price, when entry type is usage and type resource.
Resource Profit Expected	Resource Profit Expected	Resource Sales Expected – Resource Cost
Resource Profit Expected %	Percentage of Resource Profit Expected over Resource Sales Expected	Resource Profit Expected / Resource Sales Expected
Resource Profit Expected Per Hour	Resource Profit Expected Per Hour	Resource Profit Expected / Hour consumption
Resource Profit Per Hour	Resource Profit Per Hour	Resource Profit / Hour consumption
Total Cost	Total Cost	GL cost + Item cost + Resource cost.
Total Sales	Total Sales	GL sales + Item sales actual + Resource sales actual.
Total Profit	Total Profit	Total sales – Total cost.
Total Profit %	Percentage of Total Profit over Total Sales	Total profit / Total sales
Total Sales Expected	Total Sales Expected	GL Sales Expected + Item Sales Expected + Resource Sales Expected
Total Profit Expected	Total Profit Expected	Total Sales Expected – Total Cost
Total Profit Expected %	Percentage of Total Profit Expected over Total Sales Expected	Total profit Expected / Total sales Expected
Total Profit Expected Per Hour	Total Profit Expected Per Hour	Total Profit Expected / Hour Consumption
Total Profit Per Hour	Total Profit Per Hour	Total profit / Hour consumption.
Total Sales Expected Per Hour	Total Sales Expected Per Hour	Total Sales Expected / Hour consumptions
Total Sales Per Hour	Total Sales Per Hour	Total sales / Hour consumption

Job Planning Line Measure Group

Measure	Description	Database Field / Formula
Contracted GL Cost	Contracted GL Cost	Total Cost LCY, when Line Type is contract and Type is G/L Account
Contracted GL Sales	Contracted GL Sales	Total Price LCY, when Line Type is contract and Type is G/L Account
Contracted GL Profit	Contracted GL Profit	Total Profit, when Line Type is contract and Type is GL
Contracted Hour Consumption	Resource Contracted Hour Consumption	Quantity, when Line Type is contract and Type is Resource
Contracted Item Cost	Contracted Item Cost	Total Cost LCY, when Line Type is contract and Type is Item
Contracted Item Sales	Contracted Item Sales	Total Price LCY, when Line Type is contract and Type is Item.
Contracted Item Profit	Contracted Item Profit	Total Profit, when Line Type is contract and Type is Item.
Contracted Item Quantity	Contracted Item Quantity	Quantity, when Line Type is contract and Type is Item
Contracted Resource Cost	Contracted Resource Cost	Total Cost LCY, when Line Type is contract and Type is Resource
Contracted Resource Sales	Contracted Resource Sales	Total Price LCY, when Line Type is contract and Type is Resource
Contracted Resource Profit	Contracted Resource Profit	Total Profit, when Line Type is contract and Type is Resource
Scheduled GL Cost	Scheduled GL Cost	Total Cost LCY, when Line Type is schedule and Type is G/L Account
Scheduled GL Sales	Scheduled GL Sales	Total Price LCY, when Line Type is schedule and Type is G/L Account
Scheduled GL Profit	Scheduled GL Profit	Scheduled GL Sales – Scheduled GL Cost
Scheduled Hour Consumption	Resource Scheduled Hour Consumption	Quantity, when Line Type is schedule and Type is Resource
Scheduled Item Cost	Scheduled Item Cost	Total Cost LCY, when Line Type is schedule and

		Type is Item
Scheduled Item Sales	Scheduled Item Sales	Total Price LCY, when Line Type is schedule and Type is Item
Scheduled Item Profit	Scheduled Item Profit	Scheduled Item Net Sales - Scheduled Item Cost
Scheduled Item Quantity	Scheduled Item Quantity	Quantity, when Line Type is schedule and Type is Item
Scheduled Resource Cost	Scheduled Resource Cost	Total Cost LCY, when Line Type is schedule and Type is Resource
Scheduled Resource Sales	Scheduled Resource Sales	Total Price LCY, when Line Type is schedule and Type is Resource
Scheduled Resource Profit	Scheduled Resource Profit	Scheduled Resource Sales - Scheduled Resource Cost
Total Contracted Cost	Total Contracted Cost	Contracted GL cost + Contracted item cost + Contracted resource cost.
Total Contracted Sales	Total Contracted Sales	Contracted GL sales + Contracted item sales + Contracted resource sales.
Total Contracted Profit	Total Contracted Profit	Total Contracted Sales – Total Contracted Cost.
Total Scheduled Cost	Total Scheduled Cost	Scheduled GL cost + Scheduled item cost + scheduled resource cost.
Total Scheduled Sales	Total Scheduled Sales	Scheduled GL Sales + Scheduled Item Sales + Scheduled Resource Sales.
Total Scheduled Profit	Total Scheduled Profit	Total Scheduled Sales – Total Scheduled Cost.

Resource Capacity Entry Measure Group

Measure	Description	Database Field / Formula
Capacity	Resource capacity.	Capacity

Calculated Measure Group

Measure	Description	Database Field / Formula
% Complete Hour Consumption	% Complete Hour Consumption	Hour Consumption / Contracted Hour Consumption.
% Complete Item Quantity	% Complete Item Quantity	Item Quantity / Contracted Item Quantity.
% Complete GL Cost	% Complete GL Cost	GL Cost / Contracted GL Cost.

% Complete Item Cost	% Complete Item Cost	Item Cost / Contracted Item Cost.
% Complete Resource Cost	% Complete Resource Cost	Resource Cost / Contracted Resource Cost.
% Complete Total Cost	% Complete Total Cost	Total Cost / Total Contracted Cost.
% Complete GL Profit	% Complete GL Profit	GL Profit / Contracted GL Profit.
% Complete Item Profit	% Complete Item Profit	Item Profit Actual / Contracted Item Profit.
% Complete Resource Profit	% Complete Resource Profit	Resource Profit / Contracted Resource Profit.
% Complete Total Profit	% Complete Total Profit	Total Profit / Total Contracted Profit.
% Contracted Hour Consumption	% Contracted Hour Consumption	Contracted Hour Consumption / Scheduled Hour Consumption.
% Contracted Item Quantity	% Contracted Item Quantity	Contracted Item Quantity / Scheduled Item Quantity.
% Contracted GL Cost	% Contracted GL Cost	Contracted GL Cost / Scheduled GL Cost.
% Contracted Item Cost	% Contracted Item Cost	Contracted Item Cost / Scheduled Item Cost.
% Contracted Resource Cost	% Contracted Resource Cost	Contracted Resource Cost / Scheduled Resource Cost.
% Contracted Total Cost	% Contracted Total Cost	Total Contracted Cost / Total Scheduled Cost.
% Complete GL Net Sales	% Complete GL Net Sales	GL Sales / Contracted GL Sales.
% Complete Item Net Sales	% Complete Item Net Sales	Item Sales Actual / Contracted Item Sales.
% Complete Resource Net Sales	% Complete Resource Net Sales	Resource Sales Actual / Contracted Resource Sales.
% Complete Total Net Sales	% Complete Total Net Sales	Total Sales / Total Contracted Sales.
% Contracted GL Net Sales	% Contracted GL Net Sales	Contracted GL Sales / Contracted GL Sales.
% Contracted Item Net Sales	% Contracted Item Net Sales	Contracted Item Sales / Scheduled Item Sales.
% Contracted Resource Net Sales	% Contracted Resource Net Sales	Contracted Resource Sales / Scheduled Resource Sales.
Utilization	Utilization	Hour consumption / Capacity.

Dimensions

Dimension	Notes
Company	Company the transaction originated from
Customer	Customer associated with the transaction
Date	Posting date of the transaction
GL Account	GL Account associated with the transaction
Global Dimension 1	Global Dimension 1 Code associated with the transaction
Global Dimension 2	Global Dimension 2 Code associated with the transaction
Item	Item used in the transaction
Job	Job related to the transaction
Job Task	Job task related to the transaction
Job Type	Job type associated with the transaction
Resource	Resource related to the transaction
Resource Group	Resource Group related to the transaction
Unit of Measure	Unit of Measure used in the transaction

Manufacturing Cube

The Manufacturing cube contains detailed information regarding valuation, quantities, and utilization for manufacturing transactions. All manufacturing related information is retrieved from following table unless noted otherwise:

- Value Entry
- Capacity Ledger Entry
- Calendar Entry
- Prod. Order Routing Line
- Prod. Order Component

Measures

Manufacturing Transactions Measure Group

Measure	Description	Database Field / Formula
Capacity	Capacity amount based on Calendar Entry table	Capacity (Effective)
Cost Actual	Actual cost amount associated with production order based on Value Entry	Cost Amount (Actual) (1)
Total Cost %	Percentage of Total Cost	Percent of Column Total Business Function
Cost Expected	Expected cost associated with production order based on Production Order Component and Production Order Routing	Multiple (2)
Consumption Cost	Cost where type is consumption	Cost Amount (Actual)
Output Cost	Cost where type is output	Cost Amount (Actual)
WIP	Work in progress, which is difference between Consumption Cost and Output Cost	Consumption Cost – Output Cost
Quantity Actual	Actual quantity produced on production order based on Value Entry	Item Ledger Entry Quantity (1)
Quantity Expected	Expected amount to be produced on production order based on Production Order Component	Expected Qty. (Base)
Consumption Quantity	Quantity where type is consumption	Item Ledger Entry Quantity
Output Quantity	Quantity where type is output	Item Ledger Entry Quantity
Capacity Variance	Difference between actual quantity and capacity	Quantity Actual - Capacity
Quantity / Capacity Index	Ration of Actual Quantity over Capacity	Quantity Actual / Capacity
Average Consumption Cost	Consumption cost over consumption quantity	Consumption Cost / Consumption Quantity
Average Output Cost	Output cost over output quantity	Output Cost / Output Quantity

Run Time Actual	Actual amount of time taken to complete event based on Capacity Ledger Entry	Run Tim x Qty. per Cap. Unit of Measure x Output Quantity (3)
Run Time Expected	Expected amount of time it will take to complete event based on Production Order Routing	Expected Capacity Need – Setup Time (4)
Scrap Quantity	Scrap quantity entered in Capacity Ledger Entry	Scrap Quantity
Setup Time Actual	Actual amount of time taken to complete setup on Capacity Ledger Entry	Setup Time
Setup Time Expected	Expected amount of time it will take to complete setup based on Production Order Routing	Setup Time
Stop Time	Amount of time logged as event being stopped due to a stop code in Capacity Ledger Entry	Stop Time
Avg Days Overdue	Average number of days that production orders are overdue	No. of Days Overdue / No. of Production Orders
Actual/Expected Cost Variance	Variance between actual cost and expected cost	Cost Actual – Cost Expected
Actual/Expected Cost Var %	Percent variance between actual cost and expected cost	Cost Variance / Cost Expected
Actual/Expected Qty Variance	Variance between actual quantity and expected quantity	Quantity Actual – Quantity Expected
Actual/Expected Qty Var %	Percent variance between actual quantity and expected quantity	Quantity Variance / Quantity Expected
Run Time Variance	Variance between actual run time and expected run time	Run Time Actual – Run Time Expected
Run Time Var %	Percent variance between actual run time and expected run time	Run Time Variance / Run Time Expected
Setup Time Var	Variance between actual setup time and expected setup time	Setup Time Actual – Setup Time Expected
Setup Time Var %	Percent variance between actual setup time and expected setup time	Setup Time Variance / Setup Time Expected
Utilization %	Percentage of time actually used versus capacity	(Setup Time Actual + Run Time Actual) / Capacity

Dimensions

Dimension	Notes
Company	Company the transaction originated from
Date	Posting date of the transaction
Date Calculation (1)	Functionality for comparisons and aggregations across dates
Global Dimension 1	Global Dimension 1 Code associated with the transaction
Global Dimension 2	Global Dimension 2 Code associated with the transaction
Item Consumption	Item associated with the consumption transaction
Item Output	Item associated with the output transaction
Location	Location of the item the transaction is linked to
Machine Center	Machine Center associated with the transaction
Production Order	Production order number associated with the transaction
Scrap	Scrap code associated with scrap transactions
Stop	Stop Code associated with stop transactions
Work Center	Work Center associated with the transaction

Payables Cube

The Payables cube contains summary information regarding vendor invoices, credit memos, payments, and outstanding balances. All payables related information is retrieved from following table unless noted otherwise:

- **Detailed Vendor Ledg. Entry**

Measures

Payable Transactions Measure Group

Measure	Description	Database Field / Formula
Amount	Document amount in transaction currency	Amount
Amount LCY	Document amount in local currency	Amount LCY
Credit Amount LCY	Credit amount in Local currency	Credit Amount LCY
Debit Amount LCY	Debit amount in Local currency	Debit Amount LCY
Discount LCY	Discount amount in Local Currency	Discount LCY
Purchase LCY	Original purchase amount in local currency	Purchase LCY
Payments	Payment amount in transaction currency	Payments
Payments LCY	Payment amount in local currency	Payment LCY
Remaining Amount	Remaining amount in transaction currency	Remaining Amount
Remaining Amount LCY	Remaining amount in local currency	Remaining Amount LCY
Count of Vendors	Number of vendors in a certain period	Vendor No.
Document Count	Number of documents in a certain period	Document No.
Purchase on Credit LCY	Purchases made on credit in local currency	Purchase on Credit
Amount LCY YTD	Year to Date value for Amount LCY measure	Year to Date accumulation for Amount LCY
Amount LCY LY	Last year value for Amount LCY measure	Parallel Period Business Function
Amount YTD	Year to Date value for Amount LCY measure	Year to Date accumulation for Amount
Amount LY	Last year value for Amount measure	Parallel Period Business Function
Ending Balance LCY	Ending balance for the period in local currency	Sum of Remaining Amount LCY measure for all transactions through the current period
Ending Balance	Ending balance for the period in transaction currency	Sum of Remaining Amount measure for all transactions through the current period
Beginning Balance LCY	Beginning balance for the period in local currency	Ending Balance LCY – Amount LCY
Beginning Balance	Beginning balance for the period in transaction currency	Ending Balance – Amount
Average Payables LCY	Average Payables during the period	(Beginning Balance + Ending Balance) / 2
Payables Turnover Ratio	Payable Turnover is a ratio that measures the speed with which a company pays its suppliers	Purchases LCY / Average Payables LCY

Payable Turnover (Days)	Payable turnover in days shows the average number of days that a payable remains unpaid.	Payables Turnover Ratio / Number of Days
Average Days Outstanding	Average number of days that the vendor payment remains outstanding.	Days Outstanding / Document Count
Average Days Overdue	Average number of days that the vendor payment remains overdue.	Days Overdue / Document Count
Purchase LCY LY	Last year value of purchase amount in local currency	Parallel Period Business Function
Payables Turnover Ratio LY	Last year value of Payables turnover ratio	Parallel Period Business Function
Payable Turnover (Days)	Last year value of payable turnover (Days)	Parallel Period Business Function
Purchase on Credit %	% of Purchase on credit	Purchase on Credit LCY / Purchase LCY

Dimensions

Dimension	Notes
AP Status	Status of Account Payable
Buy-from Vendor	Buy-from Vendor on document
Company	Company the transaction originated from
Currency	Originating currency of payables transaction
Date Calculation	Multi-measure date calculation
Due Date	Due date of the document
Global Dimension 1	Global Dimension 1 Code associated with the transaction
Global Dimension 2	Global Dimension 2 Code associated with the transaction
Open	Specifies whether the document is currently open or closed
Outstanding Aging	Specifies the aging bucket for outstanding invoices
Overdue Aging	Specifies the aging bucket for overdue invoices
Pay-to Vendor	Pay-to Vendor on document
Posting Date	Posting date of the document
Purchaser on Document	Purchase code associated with the vendor transaction
Vendor Document	Vendor documents grouped by Document Type

Purchase Cube

The Purchase Cube contains information regarding vendor invoices, credit memos, and open orders. All purchase related information is retrieved from following tables unless noted otherwise:

- **Purch. Inv. Line**
All GL Account, Resource, Fixed Asset, Charge (Item) transactions
- **Purch. Cr. Memo Line**
All GL Account, Resource, Fixed Asset, Charge (Item) transactions
- **Purchase Line**
All GL Account, Resource, Fixed Asset, Charge (Item) transactions
- **Purch. Rcpt. Line**
All Item related transactions
- **Return Shipment Line**
All Item related transactions
- **Value Entry**
All Item related transactions
- **Item Budget Entry**
For purchase budget values

Measures

Purchase Budget Entry Measure Group

Measure	Description	Database Field / Formula
Purchase Budget Cost Amount	Budget amount of purchase	Cost Amount
Purchase Budget Quantity	Budget quantity of purchase	Quantity

Purchase Posted Transactions Measure Group

Measure	Description	Database Field / Formula
Cost	Posted cost amount in local currency	Cost
% of Cost	Percent of Cost Amount	Percent of Column Total Business Function
Discount	Posted discount amount on transaction	Discount
Discount %	Percentage of discount amounts in relation to purchases for posted transactions	Discount / Cost
Document Count	No. of posted documents	Document No
Invoiced Quantity	Invoiced quantity in local currency	Invoiced Quantity
Received Quantity	Received quantity in local currency	Received Quantity
Cost Fixed Asset	Cost amount spent on Fixed Asset	Calculated in Data Warehouse
Cost GL	Cost amount spent on GL	Calculated in Data Warehouse
Cost Item	Cost amount spent on Item	Calculated in Data Warehouse
Average Unit Cost	Average cost amount in local currency	Cost / Quantity
Average Unit Cost LY	Last year value for Average Unit Cost	Parallel Period Business

		Function
Cost YTD	Year to Date value for Cost Amount measure	Year to Date accumulation for Cost
Quantity YTD	Year to Date value for Quantity measure	Year to Date accumulation for Quantity
Cost LM	Last month value for cost measure	Parallel Period Business Function
Cost Variance LM	Variance between Cost measure and Cost LY to determine change month over month	Cost – Cost LM
Cost Var % LM	Variance between Cost measure and Cost LM as a percentage of Cost LM	Cost Variance LM / Cost LM
Quantity LM	Last month value for Quantity measure	Parallel Period Business Function
Quantity Variance LM	Variance between Quantity measure and Quantity LM to determine change month over month	Quantity – Quantity LM
Quantity Var % LM	Variance between Quantity measure and Quantity LM as a percentage of Quantity LM	Quantity Variance LM / Quantity LM
Discount LM	Last month value for Discount measure	Parallel Period Business Function
Discount Variance LM	Variance between Discount measure and Discount LM to determine change month over month	Discount – Discount LM
Discount Var % LM	Variance between Discount measure and Discount LM as a percentage of Discount LM	Discount Variance LM / Discount LM
Cost LY	Last year value for cost measure	Parallel Period Business Function
Cost Variance LY	Variance between Cost measure and Cost LY to determine change year over year	Cost – Cost LY
Cost Var % LY	Variance between Cost measure and Cost LY as a percentage of Cost LY	Cost Variance LY / Cost LY
Quantity LY	Last year value for Quantity measure	Parallel Period Business Function
Quantity Variance LY	Variance between Quantity measure and Quantity LY to determine change year over year	Quantity – Quantity LY
Quantity Var % LY	Variance between Quantity measure and Quantity LY as a percentage of Quantity LY	Quantity Variance LY / Quantity LY
Discount LY	Last year value for Discount measure	Parallel Period Business Function
Discount Variance LY	Variance between Discount measure and Discount LY to determine change year over year	Discount – Discount LY
Discount Var % LY	Variance between Discount measure and Discount LY as a percentage of Discount LY	Discount Variance LY / Discount LY
Cost MTD	Month to Date value for Cost Amount measure	Month to Date accumulation for Cost

Quantity MTD	Month to Date value for Quantity measure	Month to Date accumulation for Quantity
Rolling 12 Months Cost	Accumulated cost over past 12 months	Business Function
Rolling 12 Months Quantity	Accumulated quantity over past 12 months	Business Function
Rolling 6 Months Cost	Accumulated cost over past 6 months	Business Function
Rolling 6 Months Quantity	Accumulated quantity over past 6 months	Business Function

Purchase Order Transactions Measure Group

Measure	Description	Database Field / Formula
Purchase Order Amount	Total amount of open transactions in local currency net of Invoice Discounts	(Line Amount – Inv. Discount Amount) / Currency Factor
Purchase Order Amount Invoiced	Total amount of open transactions in local currency which is invoiced	(([Line Amount]-[Inv. Discount Amount])/NULLIF([Quantity (Base)],0))*[Qty. Invoiced (Base)]/[Currency Factor]
Purchase Order Amount Received	Total amount of open transactions in local currency which is received	(([Line Amount]-[Inv. Discount Amount])/NULLIF([Quantity (Base)],0))*[Qty. Received (Base)]/[Currency Factor]
Purchase Order Amount to Invoice	Total amount of the transaction that has not yet been invoiced	(([Line Amount]-[Inv. Discount Amount])/NULLIF([Quantity (Base)],0))*([Quantity (Base)]-[Qty. Invoiced (Base)])/[Currency Factor]
Purchase Order Amount to Receive	Total amount of the transaction that has not yet been received	(([Line Amount]-[Inv. Discount Amount])/NULLIF([Quantity (Base)],0))*([Quantity (Base)]-[Qty. Received (Base)])/[Currency Factor]
Purchase Order Discount	Total discount amount of open transactions in local currency.	([Inv. Discount Amount] + [Line Discount Amount]) / [Currency Factor]
Purchase Order Discount %	Percentage of discount amounts in relation to purchases for open transactions	Order Discount / Order Cost
Purchase Order Quantity	Total Quantity of open transactions	Quantity (Base)
Purchase Order Quantity Invoiced	Total Quantity of open transactions that has been invoiced	Qty. Invoiced (Base)
Purchase Order Quantity Received	Total Quantity of open transactions that has been received	Qty. Received (Base)
Purchase Order Quantity to Invoice	Total Quantity of open transactions that has not yet been invoiced	[Quantity (Base)]-[Qty. Invoiced (Base)]

Purchase Order Quantity to Receive	Total Quantity of open transactions that has not yet been received	[Quantity (Base)]-[Qty. Received (Base)]
Purchase Order Received/Invoiced Ratio	% of the quantity received against invoiced	Purchase Order Quantity Received / Purchase Order Quantity Invoiced
Purchase Order Outstanding Amount	Total amount of open transactions that are outstanding	((([Line Amount]-[Inv. Amount])/NULLIF([Quantity (Base)],0))*([Quantity (Base)]-[Qty. Received (Base)]))/[Currency Factor]
Purchase Order Outstanding Quantity	Total quantity of open transactions that are outstanding	[Quantity (Base)]-[Qty. Received (Base)]
% of Outstanding Amount	Percentage of outstanding amount	Purchase Order Outstanding Amount / Purchase Order Amount
% of Outstanding Quantity	Percentage of outstanding quantity	Purchase Order Outstanding Quantity / Purchase Order Quantity
Order Cost YTD	Year to Date value for Order Cost measure	Year to Date accumulation for Purchase Order Cost
Order Discount YTD	Year to Date value for Order Discount measure	Year to Date accumulation for Purchase Order Discount
Order Outstanding Cost YTD	Year to Date value for Order Outstanding Cost measure	Year to Date accumulation for Purchase Order Outstanding Cost
Order Outstanding Quantity YTD	Year to Date value for Order Outstanding Quantity measure	Year to Date accumulation for Purchase Order Outstanding Quantity
Order Quantity YTD	Year to Date value for Order Quantity measure	Year to Date accumulation for Purchase Order Quantity
Order Cost MTD	Month to Date value for Order Cost measure	Month to Date accumulation for Purchase Order Cost
Order Discount MTD	Month to Date value for Order Discount measure	Month to Date accumulation for Purchase Order Discount
Order Outstanding Cost MTD	Month to Date value for Order Outstanding Cost measure	Month to Date accumulation for Purchase Order Outstanding Cost
Order Outstanding Quantity MTD	Month to Date value for Order Outstanding Quantity measure	Month to Date accumulation for Purchase Order Outstanding Quantity
Order Quantity MTD	Month to Date value for Order Quantity measure	Month to Date accumulation for Purchase Order Quantity

Purchase Shipment Transactions Measure Group

Measure	Description	Database Field / Formula
Lines Late	Lines where Expected Receipt date is less than Posting Date	Line No.
Lines on Time	Lines where Expected Receipt date is greater than Posting Date	Line No.
Qty Late	Quantity where Expected Receipt date is less than Posting Date	Quantity (Base)
Qty on Time	Quantity where Expected Receipt date is more than Posting Date	Quantity (Base)

Dimensions

Dimension	Notes
Business Posting Group	General Business Posting Group assigned to document line when it was posted
Buy-from Vendor	Buy-from Vendor on document
Company	Company the transaction originated from
Currency	Currency used in the transaction
Date Calculation	Multi-Measure Date Tool
Expected Receipt Date	Expected Receipt Date of the purchase order
Fixed Asset	Fixed Assets by Class and Posting Group
GL Account	GL Accounts for purchase transactions
Global Dimension 1	Global Dimension 1 Code associated with the transaction
Global Dimension 2	Global Dimension 2 Code associated with the transaction
Inventory Posting Group	Inventory Posting Group associated with the transaction
Item	Item number and associated item information
Line Type	Line item type (Item, G/L Account, Fixed Asset, etc.)
Location	Location associated with the transaction
Pay-to Vendor	Pay-to Vendor on document
Planned Receipt Date	Planned Receipt Date of the purchase order
Posting Date	Posting date associated with the transaction
Product Posting Group	General Product Posting Group assigned to the item on the document line
Promised Receipt Date	Promised Receipt Date of the purchase order
Purchase Budget	Purchase Budget
Purchase Document	Purchase document grouped by Document Type
Purchase Order Document	Purchase order document grouped by Document Type
Purchaser on Document	Purchaser associated with the transaction
Reason Code	Reason code used in the transaction
Requested Receipt Date	Requested Receipt Date of the purchase order
Shipment Method	Shipment method used in the purchase transaction
Source Code	Source code used in the transaction
Transport Method	Transport method used in the purchase transaction

Receivables Cube

The Receivables cube contains summary information regarding customer invoices, credit memos, payments, and outstanding balances. All receivables related information is retrieved from following table unless noted otherwise:

- Detailed Cust. Ledg. Entry

Measures

Receivables Transaction Measure Group

Measure	Description	Database Field / Formula
Amount	Document amount in transaction currency	Amount
Amount LCY	Document amount in local currency	Amount LCY
Credit Amount LCY	Credit amount in local currency	Credit Amount LCY
Debit Amount LCY	Debit amount in local currency	Debit Amount LCY
Discount LCY	Discount amount in Local Currency	Discount LCY
Net Change LCY	Net Change amount in local currency	Calculated in Data Warehouse
Sales LCY	Original sales amount in local currency	Sales LCY
Sales on Credit LCY	Sales amount on credit in local currency	Sales on Credit
Sales on Credit %	Percentage of sales done on credit	Sales on Credit LCY / Sales LCY
Payments	Payment amount in transaction currency	Payments
Payments LCY	Payment amount in local currency	Payments LCY
Remaining Amount	Remaining amount in transaction currency	Remaining Amount
Remaining Amount LCY	Remaining amount in local currency	Remaining Amount LCY
Count of Customers	Number of customers over a period	Customer No.
Document Count	Number of documents over a period	Document No.
Amount LCY YTD	Year to Date value for Amount LCY measure	Year to Date accumulation for Amount LCY
Amount LCY LY	Last year value for Amount LCY measure	Parallel Period Business Function
Amount YTD	Year to Date value for Amount LCY measure	Year to Date accumulation for Amount
Amount LY	Last year value for Amount measure	Parallel Period Business Function
Ending Balance LCY	Ending balance for the period in local currency	Sum of Remaining Amount LCY measure for all transactions through the current period
Ending Balance	Ending balance for the period in transaction currency	Sum of Remaining Amount measure for all transactions through the current period
Beginning Balance LCY	Beginning balance for the period in local currency	Ending Balance LCY – Amount LCY
Beginning Balance	Beginning balance for the period in transaction currency	Ending Balance – Amount
Average Receivables LCY	Average Receivables during the period	(Beginning Balance + Ending Balance) / 2

Receivables Turnover Ratio	Receivables Turnover is a ratio that measures the speed in which customers pay.	Sales LCY / Average Receivables LCY
Receivables Turnover (Days)	Receivables turnover in days shows the average number of days that customers don't pay.	Receivables Turnover Ratio / Number of Days
Average Days Outstanding	Average number of days that the customer payment remains outstanding.	Days Outstanding / Document Count
Average Days Overdue	Average number of days that the customer payment remains overdue.	Days Overdue / Document Count
Sales LCY LY	Last year value of sales amount in local currency	Parallel Period Business Function
Receivables Turnover Ratio LY	Last year value of Receivables turnover ratio	Parallel Period Business Function
Receivables Turnover (Days)	Last year value of Receivables turnover (Days)	Parallel Period Business Function

Dimensions

Dimension	Notes
AR Status	Status of receivables
Bill-to Customer	Bill-to Customer on document
Company	Company the transaction originated from
Currency	Originating currency of receivables transaction
Customer Document	Customer document grouped by Document Type
Date Calculation	Multi-Measure Date Tool
Due Date	Due date of the invoices
Global Dimension 1	Global Dimension 1 Code associated with the transaction
Global Dimension 2	Global Dimension 2 Code associated with the transaction
Open	Specifies whether the document is currently open or closed
Outstanding Aging	Specifies the aging bucket that the document is currently outstanding
Overdue Aging	Specifies the aging bucket that the document is currently overdue
Posting Date	Posting date of the document
Salesperson on Document	Salesperson specified on the document
Sell-to Customer	Sell-to Customer on document

Sales Cube

The Sales Cube contains information regarding customer invoices, credit memos, and open orders. All sales related information is retrieved from following tables unless noted otherwise:

- **Return Receipt Line**
 - All GL Account, Resource, Fixed Asset, Charge (Item) transactions
- **Sales Invoice Line**
 - All GL Account, Resource, Fixed Asset, Charge (Item) transactions
- **Sales Cr. Memo Line**
 - All GL Account, Resource, Fixed Asset, Charge (Item) transactions
- **Sales Line**
 - All GL Account, Resource, Fixed Asset, Charge (Item) transactions
- **Sales Shipment Line**
 - All GL Account, Resource, Fixed Asset, Charge (Item) transactions
- **Service Cr. Memo Line**
 - All GL Account, Resource, Fixed Asset, Charge (Item) transactions
- **Service Invoice Line**
 - All GL Account, Resource, Fixed Asset, Charge (Item) transactions
- **Service Shipment Line**
 - All GL Account, Resource, Fixed Asset, Charge (Item) transactions
- **Value Entry**
 - All Item related transactions
- **Fraud Events**
 - Table from LS Retail for Loss Prevention
- **Member Point Entry**
 - Table from LS Retail for Member Points
- **POS Voided Trans. Line**
 - Table from LS Retail for Voided Transactions
- **Trans. Sales Entry**
 - Table from LS Retail for Retail Sales Transactions
- **Retail Sales Budget Entry**
 - Table from LS Retail for Retail Budget

Measures

LS Retail Basket Analysis Measure Group

Measure	Description	Database Field / Formula
Basket Analysis Coefficient	Correlation of Retail Receipt Count of different items	Percent of Total Column Business Function

LS Retail Loss Prevention Measure Group

Measure	Description	Database Field / Formula
Quantity of Events	Number of events in the loss prevention	Count Rows of Loss Prevention Table
Value of Events	Transaction value of events in the loss prevention	Trans. Value
Average Value of Events	Average transaction value of events in the loss prevention	Value of Events / Quantity of Events

LS Retail Member Point Measure Group

Measure	Description	Database Field / Formula
Member Points Amount	Total amount of member points	Points

LS Retail Sales Budget Measure Group

Measure	Description	Database Field / Formula
Retail Sales Budget	Budget value for retail sales	Amount
Retail Cost Budget	Budget value for retail cost	Cost Amount
Retail Quantity Budget	Budget value for retail quantity	Quantity
Retail Discount Budget	Budget value for retail discount	Discount

LS Retail Sales Transaction Measure Group

Measure	Description	Database Field / Formula
Retail Sales	Budget value for retail sales	Amount
Retail Cost	Budget value for retail cost	Cost Amount
Retail Quantity	Budget value for retail quantity	Quantity
Retail Discount	Budget value for retail discount	Discount
Retail Profit	Budget value for retail profit	Retail Sales – Retail Cost
Retail Profit %	Percentage of profit on sales	Retail Profit / Retail Sales
Retail Receipt Count	Number of documents	Receipt No.
Member Points from Sales	Members points allocated in sales transactions	Member Points Earned
Average Retail Profit	Average Retail Profit	Retail Profit / Retail Receipt Count
Average Retail Quantity	Average Retail Quantity	Retail Quantity / Retail Receipt Count
Average Retail Sales	Average Retail Sales	Retail Sales / Retail Receipt Count
Average Retail Sales LY	Average Retail Sales in prior year	Parallel Period Business Function
Retail Sales LM	Last month value for retail sales measure	Parallel Period Business Function
Retail Sales Variance LM	Variance between Retail Sales measure and Retail Sales LM to determine change month over month	Retail Sales – Retail Sales LM
Retail Sales Var % LM	Variance between Retail Sales measure and Retail Sales LM as a percentage of Retail Sales LM	Retail Sales Variance LM / Retail Sales LM
Retail Quantity LM	Last month value for retail quantity measure	Parallel Period Business Function
Retail Quantity Variance LM	Variance between Retail Quantity measure and Retail Quantity LM to determine change month over month	Retail Quantity – Retail Quantity LM
Retail Quantity Var % LM	Variance between Retail Quantity measure and Retail Quantity LM as a	Retail Quantity Variance LM / Retail Quantity LM

	percentage of Retail Quantity LM	
Retail Profit LM	Last month value for retail profit measure	Parallel Period Business Function
Retail Profit Variance LM	Variance between Retail Profit measure and Retail Profit LM to determine change month over month	Retail Profit – Retail Profit LM
Retail Profit Var % LM	Variance between Retail Profit measure and Retail Profit LM as a percentage of Retail Profit LM	Retail Profit Variance LM / Retail Profit LM
Retail Profit % LM	Last month value for retail profit %	Retail Profit LM / Retail Sales LM
Retail Sales LW	Last week value for retail sales measure	Parallel Period Business Function
Retail Sales Variance LW	Variance between Retail Sales measure and Retail Sales LW to determine change week over week	Retail Sales – Retail Sales LW
Retail Sales Var % LW	Variance between Retail Sales measure and Retail Sales LW as a percentage of Retail Sales LW	Retail Sales Variance LW / Retail Sales LW
Retail Quantity LW	Last week value for retail quantity measure	Parallel Period Business Function
Retail Quantity Variance LW	Variance between Retail Quantity measure and Retail Quantity LW to determine change week over week	Retail Quantity – Retail Quantity LW
Retail Quantity Var % LW	Variance between Retail Quantity measure and Retail Quantity LW as a percentage of Retail Quantity LW	Retail Quantity Variance LW / Retail Quantity LW
Retail Profit LW	Last week value for retail profit measure	Parallel Period Business Function
Retail Profit Variance LW	Variance between Retail Profit measure and Retail Profit LW to determine change week over week	Retail Profit – Retail Profit LW
Retail Profit Var % LW	Variance between Retail Profit measure and Retail Profit LW as a percentage of Retail Profit LW	Retail Profit Variance LW / Retail Profit LW
Retail Sales LY	Last year value for retail sales measure	Parallel Period Business Function
Retail Sales Variance LY	Variance between Retail Sales measure and Retail Sales LY to determine change year over year	Retail Sales – Retail Sales LY
Retail Sales Var % LY	Variance between Retail Sales measure and Retail Sales LY as a percentage of Retail Sales LY	Retail Sales Variance LY / Retail Sales LY
Retail Quantity LY	Last year value for retail quantity measure	Parallel Period Business Function
Retail Quantity Variance LY	Variance between Retail Quantity	Retail Quantity – Retail

	measure and Retail Quantity LY to determine change year over year	Quantity LY
Retail Quantity Var % LY	Variance between Retail Quantity measure and Retail Quantity LY as a percentage of Retail Quantity LY	Retail Quantity Variance LY / Retail Quantity LY
Retail Profit LY	Last year value for retail profit measure	Parallel Period Business Function
Retail Profit Variance LY	Variance between Retail Profit measure and Retail Profit LY to determine change year over year	Retail Profit – Retail Profit LY
Retail Profit Var % LY	Variance between Retail Profit measure and Retail Profit LY as a percentage of Retail Profit LY	Retail Profit Variance LY / Retail Profit LY
Retail Profit % LY	Last year value for retail profit %	Retail Profit LY / Retail Sales LY
Retail Sales MTD	Month to Date value for Retail Sales measure	Month to Date accumulation for Retail Sales
Retail Quantity MTD	Month to Date value for Retail Quantity measure	Month to Date accumulation for Retail Quantity
Retail Profit MTD	Month to Date value for Retail Profit measure	Month to Date accumulation for Retail Profit
Retail Profit % MTD	Month to Date value for Retail Profit % measure	Month to Date accumulation for Retail Profit %
Retail Sales YTD	Year to Date value for Retail Sales measure	Year to Date accumulation for Retail Sales
Retail Quantity YTD	Year to Date value for Retail Quantity measure	Year to Date accumulation for Retail Quantity
Retail Profit YTD	Year to Date value for Retail Profit measure	Year to Date accumulation for Retail Profit
Retail Profit % YTD	Year to Date value for Retail Profit % measure	Year to Date accumulation for Retail Profit %
Rolling 3 Months Retail Sales	Accumulated retail sales over past 3 months	Business Function
Rolling 3 Months Retail Quantity	Accumulated retail quantity over past 3 months	Business Function
Rolling 3 Months Retail Profit	Accumulated retail profit over past 3 months	Business Function
Rolling 6 Months Retail Sales	Accumulated retail sales over past 6 months	Business Function
Rolling 6 Months Retail Quantity	Accumulated retail quantity over past 6 months	Business Function

Rolling 6 Months Retail Profit	Accumulated retail profit over past 6 months	Business Function
Rolling 12 Months Retail Sales	Accumulated retail sales over past 12 months	Business Function
Rolling 12 Months Retail Quantity	Accumulated retail quantity over past 12 months	Business Function
Rolling 12 Months Retail Profit	Accumulated retail profit over past 12 months	Business Function

LS Retail Voided Transaction Measure Group

Measure	Description	Database Field / Formula
Voided Quantity	Quantity of voided transactions	Quantity
Voided Receipt Count	Number of voided receipts	Receipt No.
Voided Sales Amount	Amount of voided transactions	Amount
Voided Transaction Count	Number of voided transactions	Row Count

Sales Budget Entry Measure Group

Measure	Description	Database Field / Formula
Sales Budget Amount	Budget value of posted sales amount	Sales Amount
Sales Budget Cost Amount	Budget value of posted cost amount	Cost Amount
Sales Budget Quantity	Budget value of invoiced quantity	Quantity
Sales Budget Variance	Difference between sales and budget	Sales – Sales Budget Amount
Sales/Budget Index	Sales over budget	Sales / Sales Budget Amount
Sales Budget Amount YTD	Year to date value of sales budget	Year to Date accumulation for sales budget
Sales Budget Quantity YTD	Year to date value of sales quantity	Year to Date accumulation for sales quantity

Sales Posted Transactions Measure Group

Measure	Description	Database Field / Formula
Sales	Sales amount in local currency net of discounts for posted transactions	Amount / Currency Factor
Quantity	Invoiced quantity on posted transactions in base unit of measure	Quantity
Cost	Cost amount of posted transactions in local currency	Quantity * Unit Cost LCY
Discount	Total Discount amount of posted transactions in local currency	(Line Discount Amount + Inv. Discount Amount) / Currency Factor.
Discount %	Percentage discounted in relation to sales	Discount / (Sales + Discount)

Profit	Profit amount in local currency	Sales – Cost
Profit %	Profit percentage in relation to sales	Profit / Sales
Gross Sales	Sales before Discount	Sales + Discount
Original Price	Sales before Discount	Sales + Discount
% of Sales	Percentage of Net Sales	Percent of Column Total Business Function
% of Sales Qty	Percentage of Sales Quantity	Percent of Column Total Business Function
No of Sales Document	Count of Sales Document	Document No
No of Sales Invoices	Count of Sales Invoices	Document No
No of Credit Memos	Count of Credit Memos	Document No
No of Return Receipts	Count of Return Receipts	Document No
Average Profit	Average profit amount in local currency	Profit / Quantity
Average Unit Cost	Average cost amount in local currency	Cost / Quantity
Average Unit Price	Average sales amount in local currency	Sales / Quantity
Cost YTD	Year to Date value for Cost measure	Year to Date accumulation for Cost
Profit % YTD	Year to Date value for Profit % measure	Profit YTD / Sales YTD
Profit YTD	Year to Date value for Profit measure	Year to Date accumulation for Profit
Quantity YTD	Year to Date value for Quantity measure	Year to Date accumulation for Invoiced Quantity
Sales YTD	Year to Date value for Sales measure	Year to Date accumulation for Sales
Cost MTD	Month to Date value for Cost measure	Month to Date accumulation for Cost
Profit % MTD	Month to Date value for Profit % measure	Profit YTD / Sales YTD
Profit MTD	Month to Date value for Profit measure	Month to Date accumulation for Profit
Quantity MTD	Month to Date value for Quantity measure	Month to Date accumulation for Invoiced Quantity
Sales MTD	Month to Date value for Sales measure	Month to Date accumulation for Sales
Cost LM	Last month value for cost measure	Parallel Period Business Function
Cost Variance LM	Variance between Cost measure and Cost LM to determine change month over month	Cost – Cost LM
Cost Var % LM	Variance between Cost measure and Cost LM as a percentage of Cost LM	Cost Variance LM / Cost LM
Quantity LM	Last month value for Quantity measure	Parallel Period Business Function

Quantity Variance LM	Variance between Quantity measure and Quantity LM to determine change month over month	Quantity – Quantity LM
Quantity Var % LM	Variance between Quantity measure and Quantity LM as a percentage of Quantity LM	Quantity Variance LM / Quantity LM
Profit LM	Last month value for Profit measure	Parallel Period Business Function
Profit Variance LM	Variance between Profit measure and Profit LM to determine change month over month	Profit – Profit LM
Profit Var % LM	Variance between Profit measure and Profit LM as a percentage of Profit LM	Profit Variance LM / Profit LM
Sales LM	Last month value for Sales measure	Parallel Period Business Function
Sales Variance LM	Variance between Sales measure and Sales LM to determine change month over month	Sales – Sales LM
Sales Var % LM	Variance between Sales measure and Sales LM as a percentage of Sales LM	Sales Variance LM / Sales LM
Profit % LM	Last month value of Profit %	Profit LM / Sales LM
Cost LY	Last year value for cost measure	Parallel Period Business Function
Cost Variance LY	Variance between Cost measure and Cost LY to determine change year over year	Cost – Cost LY
Cost Var % LY	Variance between Cost measure and Cost LY as a percentage of Cost LY	Cost Variance LY / Cost LY
Quantity LY	Last year value for Quantity measure	Parallel Period Business Function
Quantity Variance LY	Variance between Quantity measure and Quantity LY to determine change year over year	Quantity – Quantity LY
Quantity Var % LY	Variance between Quantity measure and Quantity LY as a percentage of Quantity LY	Quantity Variance LY / Quantity LY
Profit LY	Last year value for Profit measure	Parallel Period Business Function
Profit Variance LY	Variance between Profit measure and Profit LY to determine change year over year	Profit – Profit LY
Profit Var % LY	Variance between Profit measure and Profit LY as a percentage of Profit LY	Profit Variance LY / Profit LY
Sales LY	Last year value for Sales measure	Parallel Period Business Function
Sales Variance LY	Variance between Sales measure and Sales LY to determine change year over year	Sales – Sales LY
Sales Var % LY	Variance between Sales measure and Sales LY as a percentage of Sales LY	Sales Variance LY / Sales LY
Profit % LY	Last year value of Profit %	Profit LY / Sales LY
Rolling 3 Months Cost	Accumulated cost over past 3 months	Business Function
Rolling 3 Months Quantity	Accumulated quantity over past 3 months	Business Function
Rolling 3 Months Profit	Accumulated profit over past 3 months	Business Function

Rolling 3 Months Sales	Accumulated sales over past 3 months	Business Function
Rolling 6 Months Cost	Accumulated cost over past 6 months	Business Function
Rolling 6 Months Quantity	Accumulated quantity over past 6 months	Business Function
Rolling 6 Months Profit	Accumulated profit over past 6 months	Business Function
Rolling 6 Months Sales	Accumulated sales over past 6 months	Business Function
Rolling 12 Months Cost	Accumulated cost over past 12 months	Business Function
Rolling 12 Months Quantity	Accumulated quantity over past 12 months	Business Function
Rolling 12 Months Profit	Accumulated profit over past 12 months	Business Function
Rolling 12 Months Sales	Accumulated sales over past 12 months	Business Function

Sales Order Transactions Measure Group

Measure	Description	Database Field / Formula
Sales Order Amount	Sales amount in local currency net of discounts for open orders	(Line Amount – Inv. Discount Amount) / Currency Factor
Sales Order Amount Invoiced	Sales amount in local currency net of discounts for open orders that has been invoiced	(([Line Amount]-[Inv. Discount Amount])/NULLIF([Quantity (Base)],0)*[Qty. Invoiced (Base)]/[Currency Factor])
Sales Order Amount Shipped	Sales amount in local currency net of discounts for open orders that has been shipped	(([Line Amount]-[Inv. Discount Amount])/NULLIF([Quantity (Base)],0)*[Qty. Shipped (Base)]/[Currency Factor])
Sales Order Amount to Invoice	Sales amount in local currency net of discounts for open orders that has not yet been invoiced	(([Line Amount]-[Inv. Discount Amount])/NULLIF([Quantity (Base)],0)*([Quantity (Base)]-[Qty. Invoiced (Base)]/[Currency Factor])
Sales Order Amount to Ship	Sales amount in local currency net of discounts for open orders that has not yet been shipped	(([Line Amount]-[Inv. Discount Amount])/NULLIF([Quantity (Base)],0)*([Quantity (Base)]-[Qty. Shipped (Base)]/[Currency Factor])
Sales Order Quantity	Quantity of open orders	Quantity (Base)
Sales Order Quantity Invoiced	Quantity of open orders that has been invoiced	Qty. Invoiced (Base)

Sales Order Quantity Shipped	Quantity of open orders that has been shipped	Qty. Shipped (Base)
Sales Order Quantity to Invoice	Quantity of open orders that has not yet been invoiced	Qty. to Invoice (Base)
Sales Order Quantity to Ship	Quantity of open orders that has not yet been shipped	Qty. to Ship (Base)
Sales Order Cost	Cost amount in local currency for open orders	[Quantity (Base)] * [Unit Cost (\$)]
Sales Order Discount	Total Discount amount in local currency for open orders	(Line Discount Amount + Inv. Discount Amount) / Currency Factor)
Sales Order Discount %	Percentage of Discount on Sales	Sales Order Discount / Sales Order Amount
Sales Order Outstanding Amount	Sales amount not yet invoiced in local currency for open orders	(([Line Amount]-[Inv. Discount Amount])/NULLIF([Quantity (Base)],0)*([Quantity (Base)]-[Qty. Shipped (Base)])/[Currency Factor])
Sales Order Outstanding Cost	Cost amount not yet invoiced in local currency for open orders	([Quantity (Base)]-[Qty. Shipped (Base)])*[Unit Cost (LCY)]
Sales Order Outstanding Quantity	Outstanding transaction quantity that is not yet shipped in base unit of measure	[Quantity (Base)]-[Qty. Shipped (Base)]
Order Value	Sum of Sales order amount when Document type is Order	Sales Order Amount
Quote Value	Sum of Sales order amount when Document type is Quote.	Sales Order Amount
Ratio Quote to Order	Order value/Quote value.	Order value/Quote value.
Ratio Order to Invoice	Net sales/Order value.	Net sales/Order value.
Sales Order Amount LM	Last month value for Sales Order Amount measure	Parallel Period Business Function
Sales Order Quantity LM	Last month value for Sales Order Quantity measure	Parallel Period Business Function
Sales Order Cost LM	Last month value for Sales Order Cost measure	Parallel Period Business Function
Sales Order Discount LM	Last month value for Sales Order Discount measure	Parallel Period Business Function
Sales Order Discount % LM	Last month value for Sales Order Discount % measure	Parallel Period Business Function
Sales Order Amount LY	Last year value for Sales Order Amount measure	Parallel Period Business Function
Sales Order Quantity LY	Last year value for Sales Order Quantity measure	Parallel Period Business Function
Sales Order Cost LY	Last year value for Sales Order Cost measure	Parallel Period Business Function

Sales Order Discount LY	Last year value for Sales Order Discount measure	Parallel Period Business Function
Sales Order Discount % LY	Last year value for Sales Order Discount % measure	Parallel Period Business Function
Sales Order Amount YTD	Year to date value of Sales Order Amount	Year to date Business Function
Sales Order Profit YTD	Year to date value of Sales Order Profit	Year to date Business Function
Sales Order Quantity YTD	Year to date value of Sales Order Quantity	Year to date Business Function
Sales Order Outstanding Amount YTD	Year to date value of Sales Order Outstanding Amount	Year to date Business Function
Sales Order Outstanding Quantity YTD	Year to date value of Sales Order Outstanding Quantity	Year to date Business Function

Sales Shipment Transactions Measure Group

Measure	Description	Database Field / Formula
Lines Late	Represents no. of records from Sales shipment Line / Return Receipt Line, where Requested Delivery Date was before Shipment Date.	Line No.
Lines Late %	Percentage of Late lines over total number of shipment lines	Lines Late / No of Shipment Lines
Lines on Time	Represents no. of lines, where Requested Delivery Date was greater or equal to Shipment Date.	Line No
Line on Time %	Percentage of Line on Time over total number of shipment lines	Line of Time / No of Shipment Lines
No of Shipment Lines	Total number of lines in Sales Shipment Line / Return Receipt Line Tables.	Line No.
Qty Late	Represents shipped quantity, where Requested Delivery Date was before Shipment Date.	Quantity (Base)
Qty Late %	Percentage of Qty late over total shipped quantity	Qty Late / Shipped Quantity
Qty on Time	Represents shipped quantity, where Requested Delivery Date was greater or equal to Shipment Date.	Quantity (Base)
Qty on Time %	Percentage of Qty on Time over total shipped quantity	Qty on Time / Shipped Quantity
Shipped Quantity	Total quantity shipped	Quantity (Base)
Shipped/Invoiced Variance	Difference between Shipped Quantity and Invoiced Quantity	Shipped Quantity - Quantity
Shipped Quantity LM	Last month value of Shipped quantity measure	Parallel Period Business Function
Shipped Quantity LY	Last year value of Shipped quantity measure	Parallel Period Business Function
Shipped Quantity MTD	Month to Date value of shipped quantity	Month to date business

	measure	Function
Shipped/Invoiced Variance MTD	Difference between Shipped Quantity MTD and Invoiced Quantity MTD	Shipped Quantity MTD – Quantity MTD
Shipped Quantity YTD	Year to Date value of shipped quantity measure	Year to date business Function
Shipped Quantity YTD Index	Ratio of Shipped quantity YTD over Last Year	Shipped Quantity YTD / Shipped Quantity YTD LY
Shipped Quantity YTD LY	Last Year value of shipped quantity YTD	Parallel Period Business Function
Shipped/Invoiced Variance YTD	Difference between Shipped Quantity YTD and Invoiced Quantity YTD	Shipped Quantity YTD – Quantity YTD

Dimensions

Dimension	Notes
Basket Analysis Item	Items used for basket analysis
Bill-to Customer	Bill-to Customer on document
Business Posting Group	General Business Posting Group assigned to the customer to which the document was sent
Company	Company the transaction originated from
Currency	Currency in which the transaction is done
Date Calculation	Multi-Measure Tool for Date Calculation
Global Dimension 1	Global Dimension 1 Code associated with the transaction
Global Dimension 2	Global Dimension 2 Code associated with the transaction
Inventory Posting Group	Inventory Posting Group associated with transaction
Item	Item number and associated item information
Item Special Group	Item Special Group associated with the transaction
Item Variant	Item variants of the item associated with the transaction
Line Type	Line item type (Item, G/L Account, Resource, Fixed Asset)
Location	Location Name
Loss Prevention Trigger	Loss prevention triggers associated with the transaction
LS Retail Sales Budget	Budget value of retail sales
Member	Member on the document
Member Point Entry Type	Member point entry type associated with the transaction
Member Point Type	Member point type associated with the transaction
Periodic Discount	Periodic discount applied on the transaction
Planned Delivery Date	Planned delivery date associated with the sales order
POS Terminal	POS Terminal associated with the transaction
Posting Date	Posting Date associated with transaction
Product Posting Group	General Product Posting Group assigned to the item on the document line
Promised Delivery date	Promised delivery date associated with the sales order
Promotion	Promotion associated with the transaction
Reason Code	Reason code associated with the transaction
Requested Delivery Date	Requested delivery date associated with the sales order
Return Reason Code	Return reason code associated with the transaction
Sales Budget	Budget value of posted sales
Sales Document	Sales document grouped by Document Type
Sales Order Document	Sales Order Document associated with the sales order

Sales Type	Type of sales associated with the transaction
Salesperson on Document	Salesperson on the document
Sell-to Customer	Sell-to Customer on document
Shipment Agent	Shipment Agent associated with the transaction
Shipment Agent Services	Shipment Agent Services associated with the transaction
Shipment Date	Shipment date associated with the sales order
Shipment Method	Shipment method associated with transaction
Source Code	Source code associated with the transaction
Staff	Staff associated with the transaction
Store	Store name, grouped by Store Type, City and Country
Tender Type	Type of tender associated with the transaction
Time	Time of the transaction
Transport Method	Transport method associated with the transaction

Service Management Cube

The Service Management cube contains detailed information regarding the services undertaken by the company. The cube enables us to track all activities related to the service sales, value, customers and items that are serviced. All service-related information is retrieved from following table unless noted otherwise:

- **Service Invoice Line**
- **Service Contract Line**
- **Resource Ledger Entry**

Measures

Resource Ledger Entry Measure Group

Measure	Description	Database Field / Formula
Direct Unit Cost	Direct Unit Cost	Direct unit cost.
Resource Profit	Resource Profit	Total Price – Total Cost
Resource Profit %	Resource Profit %	Resource Profit / Total Price
Resource Quantity	Resource Quantity	Quantity
Total Cost	Total Cost	Total Cost
Total Price	Total Price	Total Price
Unit Cost	Unit Cost	Unit Cost
Unit Price	Unit Price	Unit Price

Service Contract Line Measure Group

Measure	Description	Database Field / Formula
Contract Amount	Contract Amount	Amount
Contract Cost	Contract Cost	Cost
Contract Discount	Contract Discount	Discount
Contract Profit	Contract Profit	Profit
Contract Value	Contract Value	Value

Service Invoice Line Measure Group

Measure	Description	Database Field / Formula
Avg Service Cost	Average Service Cost	Service Cost Amount / Service Quantity.
Avg Service Price	Average Service Price	Service Amount / Service Quantity.
Avg Service Profit	Average Service Profit	Avg Service Price - Avg Service Cost.
Service Amount	Amount of service.	Amount, where Type is resource, service cost and GL account
Service Cost	Cost for servicing an item, it is Unit cost	Unit Cost LCY * Quantity,

	multiplied with quantity	where Type is resource, service and GL account
Service Discount	Line discount amount for a serviced item.	Line discount amount, where Type is resource, service and GL account
Service Profit	Service Profit	Service Amount – Service Cost Amount.
Service Profit %	Service Profit %	Service Profit / Service Amount.
Service Quantity	Quantity of items.	Quantity, where Type is resource, service and GL account

Dimensions

Dimension	Notes
Company	Company the transaction originated from
Contract Expiration Date	Contract Expiration Date associated with the transaction
Contract Status	Contract Status associated with the transaction
Contract Type	Contract Type associated with the transaction
Customer	Customer associated with the transaction
Date	Posting date of the transaction
Date Calculation	Functionality for comparisons and aggregations across dates
Document Date	Document Date associated with the transaction
Fault Area	Fault Area associated with the transaction
Fault Code	Fault Code associated with the transaction
Fault Reason Code	Fault Reason Code associated with the transaction
Global Dimension 1	Global Dimension 1 Code associated with the transaction
Global Dimension 2	Global Dimension 2 Code associated with the transaction
Last Service Date	Last Service Date associated with the transaction
Reason Code	Reason code used in the transaction
Resolution Code	Resolution Code associated with the transaction
Resource	Resource related to the transaction
Resource Group	Resource Group related to the transaction
Service Contract	Service Contract associated with the transaction
Service Item	Service Item associated with the transaction
Source Code	Source code used in the transaction
Symptom Code	Symptom Code associated with the transaction
Unit of Measure	Unit of Measure used in the transaction
Work Type	Work Type associated with the transaction

Warehouse Cube

The Warehouse cube contains detailed information regarding the inbound and outbound quantity of inventory in and from the warehouse. All warehouse related information is retrieved from following table unless noted otherwise:

- **Posted Whse. Receipt Line**
- **Registered Whse. Activity Line**
- **Posted Whse. Shipment Line**
- **Warehouse Receipt Line**
- **Warehouse Activity Line**
- **Warehouse Shipment Line**
- **Transfer Line**

Measures

Transfer Line Measure Group

Measure	Description	Database Field / Formula
Original Requested Quantity	Quantity that has been requested by the transfer order.	Quantity (Base)
Quantity Shipped	Quantity that has been shipped (in base units).	Qty. Shipped (Base)
Quantity Received	Quantity that has been received (in base units).	Qty. Received (Base)
Quantity in Transit	Quantity that is in transit (in base units).	Qty. in Transit (Base)
Quantity to Receive	Quantity that has to be received (in base units).	Qty. to Receive (Base)
Quantity to Ship	Quantity that has to be shipped (in base units).	Qty. to Ship (Base)
Outstanding Quantity	Quantity outstanding (in base units)	Outstanding Qty. (Base)

Warehouse Open Measure Group

Measure	Description	Database Field / Formula
Quantity Handled	Quantity that has been handled (in base units).	Qty. Handled (Base)
Quantity Outstanding	Quantity outstanding.	Qty. Outstanding (Base)
Quantity Picked	Quantity that has to be picked (in base units).	Qty. Picked (Base)
Warehouse Open Quantity	Quantity that will be transferred (in base units)	Qty. (Base)
Warehouse Open Quantity Received	Quantity that has been received (in base units).	Qty. Received (Base)
Warehouse Open Quantity Shipped	Quantity that has been shipped (in base units).	Qty. Shipped (Base)
Warehouse Open Quantity to Receive	Quantity that has to be received (in base units).	Qty. to Receive (Base)
Warehouse Open Quantity to Ship	Quantity that has to be shipped (in base units).	Qty. to Ship (Base)

Warehouse Posted Measure Group

Measure	Description	Database Field / Formula
Quantity	Sum of the quantity of warehouse traffic (in base units)	Qty. (Base)
Quantity Put Away	Sum of the quantity of warehouse traffic that has been executed (in base units).	Qty. Put Away (Base)

Dimensions

Dimension	Notes
Bin	Bin associated with the transaction
Company	Company the transaction originated from
Date	Posting date of the transaction
Date Calculation	Functionality for comparisons and aggregations across dates
From Bin	From Bin
From Location	From Location
Item	Item associated with the transaction
Location	Location of the item the transaction is linked to
Receipt Status	Receipt Status linked to transaction
To Bin	To Bin
To Location	To Location
Transfer Order Document	Transfer Order Document grouped by Type
Warehouse Action Type	Warehouse Action Type the transaction is linked to
Warehouse Document	Warehouse Document grouped by Type
Warehouse Open Document	Warehouse Open Documents grouped by Type

Shared Dimensions

The following section provides details about all dimensions that are included as a standard part of the Jet Analytics product. Information regarding the source of the dimension, the dimension levels, and the relationship of the dimensions to the individual cubes is provided.

Shared Dimensions

Shared Dimension	Description	Database Table
Aging	Aging Buckets	Populated by Jet Data Manager
AR AP Status	Status for payables and receivables	Custom Table
Bank Account	Bank Account Information	Bank Account
Bank Document Type	Bank Account Type information	Bank Account Ledger Entry.Document Type
Bin	Bin information	Bin
Budget Name	Name of GL Budget	G/L Budget Name
Business Posting Group	General Business Posting Group as defined by the organization in NAV	Gen. Business Posting Group
Closing Entry	Denotes whether transaction is a regular entry or a closing entry	Populated by Jet Data Manager
Company	Companies from NAV	Company
Contract Status	Contract status information	Service Contract Line.Contract Status
Contract Type	Contract Type information	Service Contract Line.Contract Type
Currency	List of currencies used on transactions	Currency
Customer	Customer information	Customer
Customer Document	Customer document numbers	Detailed Cust. Ledger Entry
Date	Various dates	Populated by Jet Data Manager
Date Calculations	Comparisons and aggregations	Populated by Jet Data Manager
FA Depreciation Book	Fixed Asset Depreciation book information	FA Depreciation Book
FA Posting Category	Fixed Asset posting category information	FA Posting Category
FA Posting Type	Fixed Asset posting type information	FA Posting Type
Fault Area	Fault Area Information	Fault Area
Fault Code	Fault Code Information	Fault Code
Fault Reason Code	Fault Reason Code Information	Fault Reason Code
Fixed Asset	Fixed Asset Information	Fixed Asset
GL Account	GL Account information	G/L Account
GL Document	GL document numbers	G/L Entry
GL General Posting Type	General Ledger General Posting Type	G/L Account. Gen. Posting Type
Global Dimension 1	Global Dimension 1 values	Dimension Value

Global Dimension 2	Global Dimension 2 value	Dimension Value
Inventory Aging	Inventory Aging brackets	Custom Table
Inventory Document	Inventory document numbers	Value Entry
Inventory Posting Group	Inventory Posting Group information	Inventory Posting Group
Item	Item information	Item
Item Ledger Entry Type	Entry Type (sale, transfer, consumption, etc.)	Item Ledger Entry
Item Special Group	Item Special Group information	Item Special Groups
Item Variant	Item variant information	Item Variant
Job	Job Information	Job
Job Task	Job Task information	Job Task
Job Type	Job Type information	Job Type
Line Type	Line item type (item, resource, G/L account, etc.)	Sales Invoice Line
Location	Location information	Location
Loss Prevention Trigger	Loss prevention trigger information	Loss Prevention Trigger
LS Retail Sales Budget	Retail sales budget information	Retail Sales Budget Name
Machine Center	Machine center information	Machine Center
Maintenance	Maintenance information	Maintenance
Member	Member information	Member
Member Point Entry Type	Member point entry type information	Member Point Entry
Member Point Type	Member Point type information	Member Point Entry
Open	Denotes whether transaction is open or closed	Populated by Jet Data Manager
Periodic Discount	Periodic discount information	Offer
POS Terminal	Point of Sales Terminal information	POS Terminal
Product Posting Group	General Product Posting Group	Gen. Product Posting Group
Production Order	Production Order Number	Production Order
Promotion	Promotion information	Offer
Purchase Budget	Purchase budget information	Item Budget Entry
Purchase Document	Purchase document numbers	Purchase Header, Purch. Cr. Memo Hdr., Purch Inv. Header, Return Shipment Header, Purch. Rcpt. Header
Purchase Order Document	Purchase Order document numbers	Purchase Line
Purchaser on Document	Purchaser information	Salesperson/Purchaser
Reason Code	Reason Code	Reason Code
Receipt Status	Receipt status	Posted Whse. Receipt Line.Status
Resolution Code	Resolution information	Resolution Code
Resource	Resource Information	Resource
Resource Group	Resource Group information	Resource Group
Return Reason Code	Return Reason Code information	Return Reason Code
Sales Budget	Sales Budget information	Item Budget Entry
Sales Document	Sales document numbers	Sales Invoice Header,

		Sales Shipment Header, Service Shipment Header, Service Cr.Memo Header, Sales Header, Return Receipt Header, Service Header, Service Invoice Header, Sales Cr.Memo Header
Sales Order Document	Sales Order Document numbers	Sales Header and Service Header
Sales Type	Sales type information	Trans. Sales Entry
Salesperson on Document	Salesperson Information	Salesperson/Purchaser
Scrap	Scrap codes for manufacturing	Scrap
Service Contract	Service Contract Information	Service Contract Header
Service Item	Service Item Information	Service Item
Shipment Method	Shipment Method information	Shipment Method
Shipping Agent	Shipment Agent information	Shipping Agent
Shipping Agent Services	Shipping Agent Services	Shipping Agent Services
Source Code	Source Code	Source Code
Staff	Staff details	Staff
Stop	Stop codes for manufacturing	Stop
Store	Store information	Store
Symptom Code	Symptom Information	Symptom Code
Tender Type	Tender type information	Tender Type Setup
Time	Time details	Custom Table
Transfer Order Document	Transfer order document numbers	Transfer header
Transport Method	Transport Method information	Transport Method
Unit of Measure	Unit of Measure	Unit of Measure
VAT Business Posting Group	VAT Business Posting Group Information	VAT Business Posting Group
Vendor	Vendor information	Vendor
Vendor Document	Vendor document numbers	Detailed Vendor Ledg. Entry
Warehouse Action Type	Warehouse Action type information	Warehouse Activity Line.Action Type
Warehouse Document	Warehouse document numbers	Posted Whse. Receipt Header, Registered Whse. Activity Hdr., Posted Whse. Shipment Header
Warehouse Document Type	Warehouse document type information	Warehouse Activity Line.Document Type
Warehouse Open Document	Warehouse open document numbers	Warehouse Receipt header, Warehouse Activity header, Warehouse Shipment Header.
Work Center	Work center information	Work Center
Work Type	Work type information	Work Type

Dimension Usage

Dimension	Bank Account	Fixed Assets	Finance	Inventory	Jobs & Resources	Manufacturing	Payables	Purchase	Receivable	Sales	Service Management	Warehouse
Aging							•		•			
AR AP Status							•		•			
Bank Account	•											
Bank Document Type	•											
Bin												•
Budget Name			•									
Business Posting Group			•	•				•		•		
Closing Entry			•									
Company	•	•	•	•	•	•	•	•	•	•	•	•
Contract Status											•	
Contract Type											•	
Currency	•						•	•	•	•		
Customer			•		•				•	•	•	
Customer Document									•			
Date	•	•	•	•	•	•	•	•	•	•	•	•
Date Calculation	•		•	•		•	•	•	•	•	•	•
FA Depreciation Book		•										
FA Posting Category		•										
FA Posting Type		•										
Fault Area											•	
Fault Code											•	
Fault Reason Code											•	
Fixed Asset		•	•					•				
GL Account			•		•			•				
GL Document			•									
GL General Posting Type			•									
Global Dimension 1	•	•	•	•	•	•	•	•	•	•	•	
Global Dimension 2	•	•	•	•	•	•	•	•	•	•	•	
Inventory Aging				•								
Inventory Document				•								
Inventory Posting Group				•				•		•		
Item				•	•	•		•		•		•
Item Ledger Entry Type				•								
Item Special Group										•		
Item Variant				•						•		
Job					•							
Job Task					•							
Job Type					•							

Line Type								•		•		
Location			•		•			•		•		•
Loss Prevention Trigger										•		
LS Retail Sales Budget										•		
Machine Center						•						
Maintenance		•										
Member										•		
Member Point Entry Type										•		
Member Point Type										•		
Open							•		•			
Periodic Discount										•		
POS Terminal										•		
Product Posting Group			•	•				•		•		
Production Order						•						
Promotion										•		
Purchase Budget								•				
Purchase Document								•				
Purchase Order								•				
Purchaser on Document							•	•				
Reason Code	•	•	•	•				•		•	•	
Receipt Status												•
Resolution Code											•	
Resource					•						•	
Resource Group					•						•	
Return Reason Code										•		
Sales Budget										•		
Sales Document										•		
Sales Order Document										•		
Sales Type										•		
Salesperson on Document									•	•		
Scrap						•						
Service Contract											•	
Service Item											•	
Shipment Method								•		•		
Shipping Agent										•		
Shipping Agent Services										•		
Source Code	•	•	•	•				•		•	•	
Staff										•		
Stop						•						
Store				•						•		
Symptom Code											•	
Tender Type										•		
Time										•		
Transfer Order Document												•
Transport Method								•				
Unit of Measure					•						•	

