Oracle® Cloud

Reference for Fusion SCM Analytics

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Abstract

Documentation for supply chain professionals to uncover underlying drivers to improve efficiency, reduce costs, and ensure customer satisfaction with Fusion SCM Analytics.

Preface

Topics:

Audience

This document is intended for Oracle Fusion Data Intelligence consumers and authors using Supply Chain Management to run a business.

Related Documentation

These related Oracle resources provide more information.

- Oracle Cloud `http://cloud.oracle.com`
- Administering Oracle Fusion Data Intelligence
- Using Oracle Fusion Data Intelligence
- Visualizing Data and Building Reports in Oracle Analytics Cloud

Conventions

The following text conventions are used in this document.

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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Introduction

This section provides introductory information about Oracle Fusion SCM Analytics.

Topics

- Overview
- Features Available for Preview
- Features Generally Available
- Prerequisites for Oracle Fusion SCM Analytics

Overview

Oracle Fusion SCM Analytics is a prebuilt cloud native solution for Oracle Cloud SCM.

It helps supply chain professionals uncover underlying drivers to improve efficiency, reduce costs, and ensure customer satisfaction. See Oracle Fusion SCM Analytics.

This guide lists the predefined objects in Oracle Fusion SCM Analytics. You can find information about tables, entity relationships, subject area, job roles, duty roles, associated business questions, metric details, prebuilt analyses, prebuilt business metrics, and prebuilt dashboards.

Features Available for Preview

Preview features enable functional administrators to switch functionality on and off. This way, your organization can evaluate and learn how to use new features before they roll out by default.

To enable the preview features, see Make Preview Features Available.

To learn more about subject areas, see Subject Areas.

Functional Areas

Feature	Description
Agreement Change Orders and Purchase Order Change Orders Details	This feature provides the ability to analyze on what attributes got changed and change order history details in Agreement and Purchase Order documents.
Draft Sales Order Management	This feature provides the ability to analyze draft sales orders and draft sales order holds. This feature is available in the Draft Sales Orders and Draft Sales Orders Holds subject areas.
Enterprise Contracts	This feature provides the ability to analyze buy side contracts. It includes details on contract headers, contract lines, contracts terms, and fulfillment lines.

Feature	Description
Enterprise Contracts - Parties and Parties Contact	This feature provides the ability to load contract parties and the parties' contact details on an as-needed basis since these dimensions can be deleted inFusion Applications. This helps to keep Fusion Data Intelligence in sync with Fusion Applications.
FSN	This feature provides insights into key Inventory Management technique called FSN Analysis. FSN analysis is a technique to classify items as Fast, Slow, and Non-moving based on their sales and consumption rate in an organisation for a chosen time window.
Inventory Aging	This feature provides the ability to analyze inventory aging by item, organization, project, and consigned. Inventory aging shows the age of the inventory items grouped in different time buckets.
Inventory Turns	This feature provides insights into key Inventory Management metrics and techniques like Inventory Turns, Days in Inventory, Excess and Obsolete Analysis.
Manufacturing Component Shortage	This feature provides the required attributes and metrics within the Manufacturing Work Orders and Materials subject areas to analyze shortages across a manufacturing organization. To use this feature, you’ll first need to run or schedule the Calculate Material Availability ESS job in Oracle Fusion Cloud and ensure the Manufacturing functional area is activated in Oracle Fusion Data Intelligence.
Product Management - Item Relationships	This feature provides a unified view to analyze item relationship entities including Trading Partner Items, Related Items, Cross References, Global Trade Item Number, and Spoke System Items integrated with the Item.
Product Management - Item Revisions	This feature provides information on items and revisions along with catalog, category hierarchies, and category assignments details.
Projected Gross Margin	This feature enables the Sales Orders subject area to support Projected Gross Margin for sales orders that aren't shipped.
Receipt Accounting	This feature provides the ability to analyze transactions and distributions related to Receipt Accounting sourced from Purchase Orders and PO Receipts interfaced to the Procurement - Receipt Accounting (Preview) subject area.
Shipping Costs	This feature provides the ability to analyze shipping costs and total shipping costs. This feature is available in the Picking and Shipping subject area.

Feature	Description
Spend Classification	This feature enables the Procurement - Spend, Procurement - Requisitions, and Procurement - Purchase Orders subject areas to support the Spend Classification related attributes. Spend classification is an Opt-In feature in Oracle Fusion Cloud Procurement. Enable this feature in Oracle Fusion Cloud Procurement and then enable the Spend Classification functional area in Fusion Data Intelligence.
Supply Chain Planning Analytics	This feature provides the ability to analyze the Fusion Supply Chain Plans. You can analyze key and important measures of Fusion Demand management, Supply planning, Replenishment planning, Sales, and Operations planning modules. To use this feature, enable the Purchasing, Order Management ,and Manufacturing functional areas.
Sustainability	This feature provides ability to analyze sustainability metrics associated with Scope 1, Scope 2, and Scope 3 greenhouse gas emissions and captures an event or activity that had a Sustainability impact.
Unit Item Cost at Inventory Organization	This feature provides the ability to support Unit Item cost at Inventory organization.
Work Order Costing	This feature provides ability to do work order cost and variances analysis by manufacturing organization, cost organization, cost book, and product.

Pipeline Features

Feature	Description
Submitted Agreements in Purchasing	This feature provides the ability to analyze by submitted agreements details in the Procurement - Agreements subject area. After enabling this feature, ensure that you reload data for the Purchasing functional area. See Reload Data for a Data Pipeline.
Submitted Purchase Orders in Purchasing	This feature provides the ability to analyze by submitted purchase orders details in the Procurement - Purchase Orders subject area. After enabling this feature, ensure that you reload data for the Purchasing functional area. See Reload Data for a Data Pipeline.
Unpublished Cost scenarios and published cost scenario without transactions	This feature enables the SCM - Item Cost subject area to support published cost scenarios without transaction and unpublished cost scenarios for the Standard Cost method. After enabling this feature, ensure that you reload data for the Cost Management functional area. See Reload Data for a Data Pipeline.

Features Generally Available

Oracle Fusion Data Intelligence offers certain functionality as generally available that you must enable using the Console. Generally available features are publicly available features that you can use for production workloads. These features enable functional administrators to switch functionality on and off and are disabled by default.

To enable the generally available features, see Enable Generally Available Features.

To learn more about subject areas, see Subject Areas.

Functional Areas

Feature	Description
Current Inventory On-hand Balances	This feature provides the ability to analyze current on-hand, consigned on-hand, inbound quantities, and receiving quantities. You can use this feature in the SCM - Inventory Balances subject area. After enabling this feature, you must activate the respective functional area to see the measures under the applicable subject area.
Manufacturing	This feature provides the Work Orders execution details and relevant metrics for Discrete Manufacturing and Process Manufacturing flows. It also provides the information and relevant metrics of Preventive and Corrective Maintenance work orders.

Prerequisites for Oracle Fusion SCM Analytics

Be sure you review and set up these prerequisite requirements to use Oracle Fusion SCM Analytics and the provided subject areas.

You must complete the following steps in Oracle Cloud SCM to enable and show data in Inventory Valuations in Oracle Fusion SCM Analytics.

1. In Oracle Cloud SCM, navigate to **Create Cost Accounting Distributions** and click Search.
2. Select Run Control, ensure the **Cut Off Date** is set to Future, ensure **Cost Reports Processor** is checked, and click **Save**.

2 Tables

This section provides information about Oracle Fusion SCM Analytics tables.

Topics

- Overview
- Tables Without WHO Columns
- Internal Use Only Columns

Overview

This section provides details of tables such as key columns, data types, and table descriptions. Use the "Referred Table" and "Referred Column" information to decide on the join condition between Fact and Dimension tables.

> **Note**
>
> Tables ending with the suffix `_EN`, and those listed in Tables Without WHO Columns and Internal Use Only Columns are for Oracle Internal use only. You must not use the UPDATE W$_INSERT_DT and W$_UPDATE_DT columns for reporting purposes. Use these columns with caution for downstream custom ETL. Fusion Data Intelligence truncates and reloads tables as required, effectively removing the historical record of these columns.

Download this ZIP file that contains available tables that apply to the current version of Oracle Fusion SCM Analytics. Once the file downloads, extract the file, open the folder, and then open the release-specific HTML file. For example, click **26R3_Fusion_SCM_Analytics_Tables.html**.

Table Types

The suffixes in table names designate the table type.

- CA, A: Aggregate
- CF, F: Fact
- CF_DN: Denormalized Fact
- CG, G: General
- D: Dimension
- DH: Dimension Hierarchy
- EF: Extended Fact
- EN: Oracle internal use only
- H: Helper
- P: Prediction

- TL: Translation

Tables Without WHO Columns

Objects that don't have the WHO columns are the views based on the data warehouse tables. Views based on the data warehouse tables won't have any WHO columns because they aren't tables; instead they are views joining two or more underlying data warehouse tables.

The following views based on the data warehouse tables don't have the WHO columns:

- DW_FISCAL_DAY_D_NO_ADJUST
- DW_INV_ORGANIZATION_D
- DW_INV_ORGANIZATION_D_TL
- DW_MFG_OPERATION_MATERIALS_CF_V
- DW_MFG_OPERATIONS_CF_V
- DW_MFG_ORGANIZATION_D
- DW_MFG_ORGANIZATION_D_TL
- DW_MFG_WORK_ORDERS_CF_V
- DW_PERSON_NAME_CURRENT_D

Internal Use Only Columns

The tables provided in Oracle Fusion SCM Analytics include columns that are for Oracle internal use only.

The following columns aren't available for customers to use.

Table Name	Target Column
All Tables	SOURCE_RECORD_ID
DW_GL_LEDGER_RELATIONSHIPS_D	TARGET_LEDGER_ID
DW_CHART_OF_ACC_LKP_TL	CHART_OF_ACC_LKP_CODE
DW_CMR_DISTRIBUTIONS_CF	SUBLEDGER_LINKAGE_DST_ENTITY_ID
DW_CMR_EVENTS_CF	SUBLEDGER_LINKAGE_HDR_ENTITY_ID
DW_CMR_SLA_DISTRIBUTIONS_CF	SUBLEDGER_LINKAGE_DST_ENTITY_ID
DW_INV_INBOUND_DETAILS_CF	EXTRACT_TIMESTAMP
DW_INV_ONHAND_DETAILS_CF	EXTRACT_TIMESTAMP
DW_INV_RCV_SUPPLY_DETAILS_CF	EXTRACT_TIMESTAMP
DW_INV_RESERVATION_DETAILS_CF	EXTRACT_TIMESTAMP
DW_INV_AGING_CF	EXTRACT_TIMESTAMP
DW_CMR_DISTRIBUTIONS_ALL_CF	SUBLEDGER_LINKAGE_DST_ENTITY_ID
DW_CMR_EVENTS_ALL_CF	SUBLEDGER_LINKAGE_HDR_ENTITY_ID
DW_CMR_SLA_DISTRIBUTIONS_ALL_CF	SUBLEDGER_LINKAGE_DST_ENTITY_ID
DW_PURCHASE_ORDER_AGG_CF	SYSTEM_GEN_PK
DW_RCV_SHIPMENTS_AGG_CF	SYSTEM_GEN_PK
DW_REQUISITION_AGG_CF	SYSTEM_GEN_PK
DW_INVOICE_SPEND_AGG_CF	SYSTEM_GEN_PK

3 Relationship Diagrams

This section provides information about Oracle Fusion SCM Analytics data models.

Topics

- Overview

Overview

This chapter provides information on all the key transactional tables within Oracle Fusion SCM Analytics and their relationship with the other setup or transactional tables. The information is represented with the main table at the center of the diagram with all the other tables joined to it.

Download this ZIP file that contains available relationship diagrams that apply to the current version of Oracle Fusion SCM Analytics. Once the file downloads, extract the file, open the folder, and then open the release-specific HTML file. For example, click **26R3_Fusion_SCM_Analytics_Diagrams.html**.

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Data Store

This section provides information about Oracle Fusion SCM Analytics data stores.

Topics

Overview

Enrich your reports by choosing specific columns from various view objects (VOs) from the Oracle Fusion Cloud Applications data sources.

You can select the columns from various VOs, create an enrichment dataset, and use that dataset to create a data pipeline activation plan. This enables you to seamlessly extract and load data from additional Oracle Fusion Cloud Applications VOs and make it readily available in the autonomous data warehouse tables. You can then use the data for visualization and analysis.

Data Store Spreadsheet

Use this spreadsheet that contains available Fusion Cloud Supply Chain Management BI View Objects for extraction using Data Augmentation in Oracle Fusion Data Intelligence.

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Data Lineage

This section provides information about Oracle Fusion SCM Analytics data lineage.

Topics

- Overview

Overview

The Supply Chain Management Semantic Model Lineage spreadsheet and Metric Calculation Logic spreadsheets for Oracle Fusion SCM Analytics provides an end-to-end data lineage summary report for physical and logical relationships in your data.

You can select the subject area for each of the Fusion Data Intelligence products and review the data lineage details. This enables you to understand the column and table lineage from the presentation layer to physical layer.

Data Lineage Spreadsheet

Use this spreadsheet that contains Fusion Cloud Supply Chain Management Analytics Data Lineage details.

Metric Calculation Spreadsheet

Use this spreadsheet that contains Fusion Cloud Supply Chain Management Analytics Metric Calculation details.

Procurement Metric Calculation Spreadsheet

Use this spreadsheet that contains Fusion Cloud Supply Chain Management Analytics Procurement Metric Calculation details.

6 Data Augmentation

This section provides information about Oracle Fusion SCM Analytics data augmentation.

Topics

- Overview

Overview

Entities are key concepts or building blocks for implementing business processes in any Oracle Fusion Cloud Supply Chain Planning applications. Oracle Fusion Data Intelligence extracts data for key entities and makes the data available in analysis-friendly data models (tables). Internally, Oracle Fusion Data Intelligence keeps track of the tables that capture entity details, as well as tables with references for entities. When the data augmentation framework adds attributes that aren't part of the predefined data model, users see the new information as new attributes associated with the relevant tables. The Entity ID is the set of unique attributes that identifies the entity.

Data Augmentation Spreadsheet

Use this spreadsheet that contains Entities and Entity ID mapping details for Fusion Cloud Supply Chain Management. Select "Entity" in the Data augmentation flow.

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Data Validation

This section provides information about Oracle Fusion SCM Analytics data validation.

Topics

- Overview

Overview

Oracle Fusion Data Intelligence provides library of metrics to validate data between your Oracle Fusion Data Intelligence instance and the Oracle Transactional Business Intelligence instance.

You can validate the data after loading the source data in to your data warehouse. You can schedule the validation of your data using the prebuilt validation sets or custom validation sets that you create. You can create a validation set and define the subject area, metrics, and columns that you want to validate and schedule the validation frequency and date. You see the validation sets that you create under Custom Validation Sets in the Scheduled Validation tab. Based on the schedule and the validation set, Oracle Fusion Data Intelligence validates the data and stores the details in the Data Validation workbook available in the Common folder in Oracle Analytics Cloud.

SCM Metrics Spreadsheet

Use this spreadsheet that contains library of SCM metrics that are supported in Oracle Fusion Data Intelligence.

Procurement Metrics Spreadsheet

Use this spreadsheet that contains library of Procurement metrics that are supported in Oracle Fusion Data Intelligence.

8 Subject Areas

This section provides information about Oracle Fusion SCM Analytics subject areas and their detail information.

Topics

- Subject Areas
- Business Questions
- Job-Specific Groups
- Data Roles
- Duty Roles
- Subject Area Metric Details
- Descriptive Flexfield

Subject Areas

This section provides information about Oracle Fusion SCM Analytics subject areas and how to use them

Topics

- Overview
- Offerings and Functional Areas
- Data Validation
- Security Assignment
- Security Audit History
- Usage Tracking Analysis Dashboard
- Warehouse Refresh Statistics

Overview

This section details subject area information for Supply Chain Management data using Oracle Fusion SCM Analytics.

Download this ZIP file that contains available subject areas that apply to the current version of Oracle Fusion SCM Analytics. Once the file downloads, extract the file, open the folder, and then open the release-specific HTML file. For example, click **26R3_Fusion_SCM_Analytics_SubjectAreas.html**.

These subject areas, with their corresponding data, are available for you to use when creating and editing analyses and reports. The information for each subject area includes:

- Description of the subject area.

- Business questions that can be answered by data in the subject area, with a link to more detailed information about each business question.
- Job-specific groups and duty roles that can be used to secure access to the subject area, with a link to more detailed information about each job role and duty role.
- Primary navigation to the work area that is represented by the subject area.
- Time reporting considerations in using the subject area, such as whether the subject area reports historical data or only the current data. Historical reporting refers to reporting on historical transactional data in a subject area. With a few exceptions, all dimensional data are current as of the primary transaction dates or system date.
- The lowest grain of transactional data in a subject area. The lowest transactional data grain determines how data are joined in a report.
- Special considerations, tips, and things to look out for in using the subject area to create analyses and reports.

> **Note**
>
> Job roles are the same as job-specific groups.

Offerings and Functional Areas

This table shows the offerings in Fusion SCM Analytics.

To learn more about subject areas, see Subject Areas.

Offering	Functional Area Name	Dependency	Associated Subject Areas
Procurement Analytics	Procurement (SCM) Receipt Accounting (Preview)	NA	Procurement - Receipt Accounting (Preview), Procurement - Accrual Balances at Period End (Preview), Procurement - Accrual Balances at Receipt (Preview)
Procurement Analytics	Procurement Suppliers	NA	Procurement - Suppliers
Procurement Analytics	Procurement Spend	NA	Procurement - Spend
Procurement Analytics	Purchasing	NA	Procurement - Agreements, Procurement - Purchase Orders, Procurement - Receipts, Procurement - Requisitions
Procurement Analytics	Purchasing History (Preview)	Purchasing	Procurement - Agreement Change Orders (Preview), Procurement - Purchase Order Change Orders (Preview)
Procurement Analytics	SCM Procurement Contracts (Preview)	NA	Enterprise Contracts - Contracts (Preview)

Offering	Functional Area Name	Dependency	Associated Subject Areas
Procurement Analytics	Spend Classification (Preview)	Purchasing + Procurement Spend	Procurement - Purchase Orders, Procurement - Requisitions, Procurement - Spend
Procurement Analytics	SCM Enterprise Contracts - Parties and Parties Contact (Preview)	NA	Enterprise Contracts - Contracts (Preview)
Procurement Analytics	Procurement Supplier Qualification Management	NA	Procurement - Supplier Qualification Management
Procurement Analytics	Procurement Suppliers	NA	Procurement - Supplier Registration
Product Management Analytics	Item Management (Preview)	NA	Product Management - Item Revisions (Preview), Product Management - Item Relationships (Preview)
Supply Chain Management Analytics	Manufacturing Component Shortage (Preview)	Manufacturing	Below are Opt-in Generally Available subject areas: SCM - Manufacturing Work Orders, SCM - Maintenance Materials
Supply Chain Management Analytics	Cost Accounting	NA	SCM - Cost Accounting
Supply Chain Management Analytics	Cost Management	NA	SCM - Inventory Valuations, SCM - Item Cost, SCM - COGS and Gross Margin
Supply Chain Management Analytics	Current Inventory Balances (Opt-in Generally Available)	NA	SCM - Inventory Balances (Opt-in Generally Available)
Supply Chain Management Analytics	Draft Sales Order Management (Preview)	Order Management	SCM - Draft Sales Orders (Preview), SCM - Draft Sales Orders Holds (Preview)
Supply Chain Management Analytics	Inventory Aging (Preview)	Current Inventory Balances + Inventory Organisation Item Costs	SCM - Inventory Aging (Preview)
Supply Chain Management Analytics	Inventory Balances	NA	SCM - Inventory Balances
Supply Chain Management Analytics	Inventory FSN Analysis (Preview)	Inventory Turns	SCM - Inventory Turns (Preview)
Supply Chain Management Analytics	Inventory Management	NA	SCM - Inventory Transactions, SCM - Picking and Shipping, SCM - Transfer Orders
Supply Chain Management Analytics	Inventory Organisation Item Costs (Preview)	Cost Management	NA
Supply Chain Management Analytics	Inventory Turns (Preview)	Inventory Balances + Inventory Organisation Item Costs	SCM - Inventory Turns (Preview)

Offering	Functional Area Name	Dependency	Associated Subject Areas
Supply Chain Management Analytics	Manufacturing (Opt-in Generally Available)	NA	Below are Opt-in Generally Available Subject Areas: SCM - Manufacturing Work Orders, SCM - Manufacturing Operation Transactions, SCM - Manufacturing Resources, SCM - Manufacturing Materials, SCM - Maintenance Work Orders, SCM - Maintenance Operation Transactions, SCM - Maintenance Resources, SCM - Maintenance Materials
Supply Chain Management Analytics	Order Management	NA	SCM - Sales Orders, SCM - Sales Orders Holds
Supply Chain Management Analytics	Planning Analytics (Preview)	Purchasing + Manufacturing + Order Management	Planning Analytics Dynamic Subject Areas (Preview)
Supply Chain Management Analytics	Projected COGS and Gross Margin (Preview)	Inventory Organisation Item Costs	SCM - Sales Orders
Supply Chain Management Analytics	Receipts	Purchasing + Inventory Management	SCM - Inventory Receipts
Supply Chain Management Analytics	Shipping Costs (Preview)	Inventory Management	SCM - Picking and Shipping
Supply Chain Management Analytics	Work Order Cost (Preview)	NA	SCM - Work Order Costing (Preview)
Sustainability Analytics	Sustainability (Preview)	NA	Sustainability - Activities (Preview)

Data Validation

Description

As a functional administrator, you can validate a library of metrics between your Oracle Fusion Data Intelligence instance and the Oracle Transactional Business Intelligence instance. The library of metrics is part of Oracle Fusion Data Intelligence. You can validate the data after loading the source data in to your data warehouse. You can schedule the validation of your data using the prebuilt validation sets or custom validation sets that you create. You can create a validation set and define the subject area, metrics, and columns that you want to validate and schedule the validation frequency and date. You see the validation sets that you create under Custom Validation Sets in the Scheduled Validation tab. Based on the schedule and the validation set, Oracle Fusion Data Intelligence validates the data and stores the details in the Data Validation workbook available in the Common folder in Oracle Analytics Cloud. Use the report tabs such as **Validate data for ERP Analytics** and **Validate data for HCM Analytics** available in this workbook to view the data validation details.

Business Questions

This subject area can answer the following business questions:

- Did my data get loaded into Oracle Autonomous AI Lakehouse accurately?
- Can I schedule a regular data validation on a periodic basis?
- If there is a variance between my Oracle Transactional Business Intelligence source and Oracle Fusion Data Intelligence destination data, then how can I pinpoint which data is different?
- Are there built-in metrics for this data validation?
- Can I create my own (custom) metrics for specific data to validate?

Duty Roles

The System Administration duty role secures access to this subject area. See Common Duty Roles.

Primary Navigation

Data Validation tile under Application Administration on the Console

Folder: /Shared Folders/Common/Data Validation

Special Considerations

None.

Security Assignment

Description

Using the Security Assignment subject area, you can create reports about the current security assignments. These reports enable you to track the security contexts and the users who have access to the security contexts.

Business Questions

This subject area can answer the following business questions:

- What is the total number of security contexts?
- What is the number of users by security context?
- Which user is assigned to which security context and when was the assignment done?

Duty Roles

The Security Reporting Duty role secures access to this subject area. See Common Duty Roles.

Primary Navigation

Folder: /Shared Folders/Common/Security Assignment

Workbook: Security Audit

Special Considerations

None.

Security Audit History

This section is applicable for CX Subscription Management Analytics only.

Description

Using the data in the Security Audit History subject area, you can create reports to track assignment of users to groups, groups to roles, and security context members to users.

Business Questions

This subject area can answer the following business questions:

- When was a group created?
- When was a role created?
- When was a user assigned to or removed from a group?
- When was a user assigned to or removed from a role?
- When was a user assigned to or removed from a security context?

Duty Roles

The Security Reporting Duty role secures access to this subject area. See Common Duty Roles.

Primary Navigation

Folder: /Shared Folders/Common/Security Audit History

Workbook: Security Audit

Special Considerations

None.

Usage Tracking Analysis Dashboard

Description

Usage Tracking is a powerful feature that is available in Oracle Analytics Cloud. In Oracle Fusion Data Intelligence you can track usage to determine which user queries are creating performance bottlenecks, based on query frequency and response time. Administrators set up the criteria to track user queries and generate usage reports that you can use in a variety of ways such as reports optimization, user session strategies, or plan usage by users, and departments based on the resources that they consume. When reviewing the business metrics, it's important to keep the usability considerations in mind including trends, slice-and-dice, and drilldowns. Where applicable, benchmark information showcasing performance with the peer group is available. Companies typically set strategic quarterly goals in terms of key metrics; where applicable, the business metrics show progress towards such goals.

This subject area includes details of logical queries that provide insights on the types of queries generated and their performance. Along with it, the Common - Usage Tracking -

Physical Query subject area provides details of physical queries sent to the database. These details can help you understand query execution plans in Autonomous AI Lakehouse to identify areas of improvement in report creation. Both subject areas have the Logical query folder with a common set of attributes, that you can use to join a logical or semantic query to its physical database queries. Together, they provide valuable insights to track performance of the Oracle Analytics platform and help you design reports and visualizations that can perform optimally. This subject area provides you the ability to understand the usage and performance of logical and physical queries generated by the Oracle Fusion Data Intelligence semantic model, including customer created extensions. You can use the usage tracking data to analyze query performance and to understand the patterns of physical queries that are sent to the database and the execution plans that are generated in autonomous data warehouse. You can view the details of the physical queries generated for each logical query and their performance metrics such as row counts and time elapsed. This information is especially relevant in these scenarios:

- While creating new custom content adhering to the recommended practices.
- When you want to provide additional data points for the prebuilt reports while reporting performance problems and want to add metrics such as row counts, compilation time, and response times.

Business Questions

This subject area can answer the following business questions:

- What are the average queries ran by the user by month?
- How many number of user sessions were created per month?
- How many distinct queries were run per month?
- How many distinct users used the system?
- How many distinct users used the system in a week?
- What are the average queries ran by the user in a week?
- How many logical queries ran by the top users?
- What are the top 10 logical and physical queries by execution time?
- Which dashboards and visualizations are the slowest performing?

Duty Roles

The Usage Tracking Analysis Duty role secures access to this subject area. See Common Duty Roles.

Primary Navigation

Folder: /Shared Folders/Common/Usage Tracking

Workbook: Usage Tracking Analysis Dashboard

Special Considerations

None.

Warehouse Refresh Statistics

Description

The Warehouse Refresh Statistics subject area provides valuable information on pipeline activity and performance. You can use this subject area to create analytics on data refreshes, pipeline jobs, job failures, and details on rejected records. Together with data validation, this subject area helps reconcile data between the Oracle Fusion Cloud Applications source module and Oracle Fusion Data Intelligence, and improve data quality over time.

Business Questions

This subject area can answer the following business questions:

- When was the warehouse last refreshed, by each module?
- Which modules have high percentage of rejected records?
- What are the specific records that have been rejected for a certain module?
- What errors did the pipeline encounter, by specific jobs?
- Which jobs fail most frequently?
- What are the cascading effects, for example what other related records also fail due to a certain failure of a job?

Duty Roles

The Data Warehouse Refresh Analysis Duty role secures access to this subject area. See Common Duty Roles.

Primary Navigation

Folder: /Shared Folders/Common/Warehouse Refresh Statistics

Workbook: Warehouse Refresh Statistics

Special Considerations

None.

Business Questions

This section provides information about Oracle Fusion SCM Analytics business questions

Topics

- Overview

Overview

For each business question in this section, click the links for more detailed information about the subject areas, job-specific groups, and duty roles associated with the business question.

Download this ZIP file that contains available business questions that apply to the current version of Oracle Fusion SCM Analytics. Once the file downloads, extract the file, open the folder, and then open the release-specific HTML file. For example, click **26R3_Fusion_SCM_Analytics_BusinessQuestions.html**.

> **Note**
>
> Job roles are the same as job-specific groups.

Job-Specific Groups

This section provides information about Oracle Fusion SCM Analytics job-specific groups.

Topics

- Overview
- Common Job-Specific Groups

Overview

This section provides job-specific groups that can be used to secure access to the subject area and analyses.

> **Note**
>
> Job roles are the same as job-specific groups.

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_AP_ACCOUNTS_PAYABLE_MANAGER_JOB	Accounts Payable Manager	Accounts Payable Manager Job Group	OA4F_FIN_AP_BUSINESS_UNIT_DATA OA4F_PROC_SPEND_ANALYSIS_DUTY OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY	Procurement
ORA_AP_ACCOUNTS_PAYABLE_SPECIALIST_JOB	Accounts Payable Specialist	Accounts Payable Specialist Job Group	OA4F_FIN_AP_BUSINESS_UNIT_DATA OA4F_PROC_SPEND_ANALYSIS_DUTY OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY	Procurement

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_AP_ACCOUNTS_PAYABLE_SUPERVISOR_JOB	Accounts Payable Supervisor	Accounts Payable Supervisor Job Group	OA4F_FIN_AP_BUSINESS_UNIT_DATA OA4F_PROC_SPEND_ANALYSIS_DUTY OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY	Procurement
ORA_CMR_RECEIPT_ACCOUNTING_DISCRETIONARY	Receipt Accounting	Receipt Accounting Job Group	OA4F_SCM_CMR_BUSINESS_UNIT_DATA OA4F_CMR_RECEIPT_ACCOUNTING_DUTY OA4F_CMR_RECEIPT_ACCOUNTING_ANALYSIS_DUTY OA4F_CMR_RECEIPT_ACCOUNTING_ANALYSIS_CONTENT_DUTY	Procurement (SCM) Receipt Accounting
ORA_CST_COST_ACCOUNTANT_JOB	Cost Accountant	Cost Accountant Job Group	OA4F_SCM_CST_COSTING_ORG_DATA OA4F_SCM_CST_WORKORDER_COST_ANALYSIS_DUTY OA4F_SCM_CST_WORKORDER_COST_ANALYSIS_CONTENT_DUTY OA4F_SCM_CST_WORKORDER_COST_ANALYSIS_DUTY	Work Order Cost

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_DOO_ORDER_ADMINISTRATOR_JOB	Order Administrator	Order Administrator Job Group	OA4F_SCM_OM_BUSINESS_UNIT_DATA OA4F_SCM_OM_SALES_ORDER_ANALYSIS_DUTY OA4F_SCM_OM_HOLDS_ANALYSIS_DUTY OA4F_SCM_OM_SALES_ORDER_ANALYSIS_CONTENT_DUTY OA4F_SCM_OM_HOLDS_ANALYSIS_CONTENT_DUTY	Order Management
ORA_DOO_ORDER_ADMINISTRATOR_JOB	Order Administrator	Order Administrator Job Group	OA4F_SCM_OM_BUSINESS_UNIT_DATA OA4F_SCM_OM_SALES_ORDER_ANALYSIS_DUTY OA4F_SCM_OM_HOLDS_ANALYSIS_DUTY	Draft Sales Order Management
ORA_DOO_ORDER_MANAGER_JOB	Order Manager	Order Manager Job Group	OA4F_SCM_OM_BUSINESS_UNIT_DATA OA4F_SCM_OM_SALES_ORDER_ANALYSIS_DUTY OA4F_SCM_OM_HOLDS_ANALYSIS_DUTY OA4F_SCM_OM_SALES_ORDER_ANALYSIS_CONTENT_DUTY OA4F_SCM_OM_HOLDS_ANALYSIS_CONTENT_DUTY	Order Management
ORA_DOO_ORDER_MANAGER_JOB	Order Manager	Order Manager Job Group	OA4F_SCM_OM_BUSINESS_UNIT_DATA OA4F_SCM_OM_SALES_ORDER_ANALYSIS_DUTY OA4F_SCM_OM_HOLDS_ANALYSIS_DUTY	Draft Sales Order Management

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_EGI_PRODUCT_DATA_STEWARD_JOB	Product Data Steward	Product Data Steward Job Group	OA4F_SCM_INV_INVENTORY_ORG_DATA OA4F_SCM_INV_ITEM_CLASS_DATA OA4F_SCM_EGI_ITEM_REVISIONS_ANALYSIS_CONTENT_DUTY OA4F_SCM_EGI_ITEM_REVISIONS_ANALYSIS_DUTY OA4F_SCM_EGI_ITEM_RELATIONSHIPS_ANALYSIS_CONTENT_DUTY OA4F_SCM_EGI_ITEM_RELATIONSHIPS_ANALYSIS_DUTY	Product Management
ORA_EGP_PRODUCT_MANAGER_JOB	Product Manager	Product Manager Job Group	OA4F_SCM_INV_INVENTORY_ORG_DATA OA4F_SCM_INV_ITEM_CLASS_DATA OA4F_SCM_EGI_ITEM_REVISIONS_ANALYSIS_CONTENT_DUTY OA4F_SCM_EGI_ITEM_REVISIONS_ANALYSIS_DUTY OA4F_SCM_EGI_ITEM_RELATIONSHIPS_ANALYSIS_CONTENT_DUTY OA4F_SCM_EGI_ITEM_RELATIONSHIPS_ANALYSIS_DUTY	Product Management

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_INV_INVENTORY_MANAGER_JOB	Inventory Manager	Inventory Manager Job Group	OA4F_SCM_INV_BUSINESS_UNIT_DATA OA4F_SCM_INV_INVENTORY_ORG_DATA OA4F_SCM_INV_INVENTORY_TRANSACTIONS_ANALYSIS_DUTY OA4F_SCM_INV_INVENTORY_BALANCES_ANALYSIS_DUTY OA4F_SCM_INV_PICKING_AND_SHIPPING_ANALYSIS_DUTY OA4F_SCM_INV_INVENTORY_TRANSFER_ORDER_ANALYSIS_DUTY OA4F_SCM_INV_INVENTORY_RECEIPTS_ANALYSIS_DUTY OA4F_SCM_INV_INVENTORY_TRANSACTIONS_ANALYSIS_CONTENT_DUTY OA4F_SCM_INV_INVENTORY_BALANCES_ANALYSIS_CONTENT_DUTY OA4F_INV_OF_PICKING_SHIPPING_ANALYSIS_CONTENT_DUTY OA4F_SCM_INV_INVENTORY_RECEIPTS_ANALYSIS_CONTENT_DUTY OA4F_SCM_INV_INVENTORY_AGING_ANALYSIS_DUTY OA4F_SCM_INV_INVENTORY_TURNS_ANALYSIS_DUTY OA4F_SCM_INV_CURRENT_INVENTORY_BALANCES	Inventory

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			_ANALYSIS_CONTENT_DUTY OA4F_SCM_INV_INVENTORY_TURNS_ANALYSIS_CONTENT_DUTY OA4F_SCM_INV_INVENTORY_AGING_ANALYSIS_CONTENT_DUTY OA4F_SCM_INV_INVENTORY_TRANSFER_ORDER_ANALYSIS_CONTENT_DUTY	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_INV_WAREHOUSE_MANAGER_JOB	Warehouse Manager	Warehouse Manager Job Group	OA4F_SCM_INV_BUSINESS_UNIT_DATA OA4F_SCM_INV_INVENTORY_ORG_DATA OA4F_SCM_INV_INVENTORY_TRANSACTIONS_ANALYSIS_DUTY OA4F_SCM_INV_INVENTORY_BALANCES_ANALYSIS_DUTY OA4F_SCM_INV_PICKING_AND_SHIPPING_ANALYSIS_DUTY OA4F_SCM_INV_INVENTORY_TRANSFER_ORDER_ANALYSIS_DUTY OA4F_SCM_INV_INVENTORY_RECEIPTS_ANALYSIS_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_DUTY OA4F_SCM_INV_INVENTORY_TRANSACTIONS_ANALYSIS_CONTENT_DUTY OA4F_SCM_INV_INVENTORY_BALANCES_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_CONTENT_DUTY OA4F_INV_OF_PICKING_SHIPPING_ANALYSIS_CONTENT_DUTY OA4F_SCM_INV_INVENTORY_RECEIPTS_ANALYSIS_CONTENT_DUTY OA4F_SCM_INV_INVENTORY_AGIN	Inventory, Procurement

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			G_ANALYSIS_DUTY OA4F_SCM_INV_INVENTORY_TURNS_ANALYSIS_DUTY OA4F_SCM_INV_CURRENT_INVENTORY_BALANCES_ANALYSIS_CONTENT_DUTY OA4F_SCM_INV_INVENTORY_TURNS_ANALYSIS_CONTENT_DUTY OA4F_SCM_INV_INVENTORY_AGING_ANALYSIS_CONTENT_DUTY OA4F_SCM_INV_INVENTORY_TRANSFER_ORDER_ANALYSIS_CONTENT_DUTY	
ORA_MNT_MAINTENANCE_MANAGER_JOB	Maintenance Manager	Maintenance Manager Job Group	OA4F_SCM_MNT_MAINTENANCE_ORG_DATA OA4F_SCM_MNT_WORK_ORDERS_ANALYSIS_DUTY OA4F_SCM_MNT_WO_OPERATION_TRANSACTION_ANALYSIS_DUTY OA4F_SCM_MNT_WO_RESOURCES_ANALYSIS_DUTY OA4F_SCM_MNT_WO_MATERIALS_ANALYSIS_DUTY OA4F_SCM_MNT_WORK_ORDERS_ANALYSIS_CONTENT_DUTY OA4F_SCM_MNT_WO_RESOURCES_ANALYSIS_CONTENT_DUTY OA4F_SCM_MNT_WO_MATERIALS_ANALYSIS_CONTENT_DUTY	Manufacturing

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_MNT_MAINTENANCE_TECHNICIAN_JOB	Maintenance Technician	Maintenance Technician Job Group	OA4F_SCM_MNT_MAINTENANCE_ORG_DATA OA4F_SCM_MNT_WORK_ORDERS_ANALYSIS_DUTY FAW_SCM_Author	Manufacturing
ORA_MSC_DEMAND_AND_SUPPLY_PLANNER_JOB	Demand and Supply Planner	Demand and Supply Planner Job Group	OA4F_MSC_PLANNING_ANALYSIS_DUTY	Planning Analytics
ORA_MSC_DEMAND_PLANNER_JOB	Demand Planner	Demand Planner Job Group	OA4F_MSC_PLANNING_ANALYSIS_DUTY	Planning Analytics
ORA_MSC_REPLENISHMENT_PLANNER_JOB	Replenishment Planner	Replenishment Planner Job Group	OA4F_MSC_PLANNING_ANALYSIS_DUTY	Planning Analytics
ORA_MSC_SALES_AND_OPERATIONS_PLANNER_JOB	Sales and Operations Planner	Sales and Operations Planner Job Group	OA4F_MSC_PLANNING_ANALYSIS_DUTY	Planning Analytics
ORA_MSC_SUPPLY_CHAIN_PLANNER_JOB	Supply Chain Planner	Supply Chain Planner Job Group	OA4F_MSC_PLANNING_ANALYSIS_DUTY	Planning Analytics
ORA_MSC_SUPPLY_CHAIN_PLANNING_APPLICATION_ADMINISTRATOR_JOB	Supply Chain Planning Application Administrator	Supply Chain Planning Application Administrator Job Group	OA4F_MSC_PLANNING_ANALYSIS_DUTY	Planning Analytics
ORA_OKC_ENTERPRISE_CONTRACT_ADMINISTRATOR_JOB	Enterprise Contract Administrator	Enterprise Contract Administrator Job Group	OA4F_OKC_CONTRACT_BUSINESS_UNIT_DATA OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_CONTENT_DUTY	Enterprise Contracts
ORA_OKC_ENTERPRISE_CONTRACT_MANAGER_JOB	Enterprise Contract Manager	Enterprise Contract Manager Job Group	OA4F_OKC_CONTRACT_BUSINESS_UNIT_DATA OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_CONTENT_DUTY	Enterprise Contracts

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_OKC_ENTERPRISE_CONTRACT_TEAM_MEMBER_ABSTRACT	Enterprise Contract Team Member (Abstract Role)	Enterprise Contract Team Member (Abstract Role) Job Group	OA4F_OKC_CONTRACT_BUSINESS_UNIT_DATA OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_CONTENT_DUTY	Enterprise Contracts
ORA_OKC_SUPPLIER_CONTRACT_ADMINISTRATOR_JOB	Supplier Contract Administrator	Supplier Contract Administrator Job Group	OA4F_OKC_CONTRACT_BUSINESS_UNIT_DATA OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_CONTENT_DUTY	Enterprise Contracts
ORA_OKC_SUPPLIER_CONTRACT_MANAGER_JOB	Supplier Contract Manager	Supplier Contract Manager Job Group	OA4F_OKC_CONTRACT_BUSINESS_UNIT_DATA OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_CONTENT_DUTY	Enterprise Contracts
ORA_OKC_SUPPLIER_CONTRACT_TEAM_MEMBER_ABSTRACT	Supplier Contract Team Member (Abstract Role)	Supplier Contract Team Member (Abstract Role) Job Group	OA4F_OKC_CONTRACT_BUSINESS_UNIT_DATA OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_CONTENT_DUTY	Enterprise Contracts

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PO_BUYER_JOB	Buyer	Buyer Job Group	OA4F_PROC_BUSINESS_UNIT_DATA OA4F_PROC_SPEND_ANALYSIS_DUTY OA4F_PROC_PURCHASE_ORDER_ANALYSIS_DUTY OA4F_PROC_PURCHASE_AGREEMENT_ANALYSIS_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_DUTY OA4F_PROC_REQUISITIONS_ANALYSIS_DUTY OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_ORDER_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_AGREEMENT_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_CONTENT_DUTY OA4F_PROC_REQUISITIONS_ANALYSIS_CONTENT_DUTY OA4F_PROC_PO_CHANGE_ORDERS_ANALYSIS_DUTY OA4F_PROC_PA_CHANGE_ORDERS_ANALYSIS_DUTY OA4F_PROC_PA_CHANGE_ORDERS_ANALYSIS_CONTENT_DUTY	Procurement

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PO_PROCUREMENT_CONTRACT_ADMIN_JOB	Procurement Contract Administrator	Procurement Contract Administrator Job Group	OA4F_PROC_BUSINESS_UNIT_DATA OA4F_PROC_SPEND_ANALYSIS_DUTY OA4F_PROC_PURCHASE_ORDER_ANALYSIS_DUTY OA4F_PROC_PURCHASE_AGREEMENT_ANALYSIS_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_DUTY OA4F_PROC_REQUISITIONS_ANALYSIS_DUTY OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_ORDER_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_AGREEMENT_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_CONTENT_DUTY OA4F_PROC_REQUISITIONS_ANALYSIS_CONTENT_DUTY OA4F_PROC_PO_CHANGE_ORDERS_ANALYSIS_DUTY OA4F_PROC_PA_CHANGE_ORDERS_ANALYSIS_DUTY OA4F_PROC_PA_CHANGE_ORDERS_ANALYSIS_CONTENT_DUTY	Procurement

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PO_PROCUREMENT_MANAGER_JOB	Procurement Manager	Procurement Manager Job Group	OA4F_PROC_BUSINESS_UNIT_DATA OA4F_PROC_SPEND_ANALYSIS_DUTY OA4F_PROC_PURCHASE_ORDER_ANALYSIS_DUTY OA4F_PROC_PURCHASE_AGREEMENT_ANALYSIS_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_DUTY OA4F_PROC_REQUISITIONS_ANALYSIS_DUTY OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_ORDER_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_AGREEMENT_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_CONTENT_DUTY OA4F_PROC_REQUISITIONS_ANALYSIS_CONTENT_DUTY OA4F_PROC_PO_CHANGE_ORDERS_ANALYSIS_DUTY OA4F_PROC_PA_CHANGE_ORDERS_ANALYSIS_DUTY OA4F_PROC_PA_CHANGE_ORDERS_ANALYSIS_CONTENT_DUTY	Procurement

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PO_PURCHASE_ANALYSIS_ABSTRACT	Purchase Analysis	Purchase Analysis Job Group	OA4F_PROC_REQ_BUSINESS_UNIT_DATA OA4F_FIN_AP_BUSINESS_UNIT_DATA OA4F_PROC_SPEND_ANALYSIS_DUTY OA4F_PROC_PURCHASE_ORDER_ANALYSIS_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_DUTY OA4F_PROC_REQUISITIONS_ANALYSIS_DUTY OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_ORDER_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_CONTENT_DUTY OA4F_PROC_REQUISITIONS_ANALYSIS_CONTENT_DUTY	Inventory

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PON_CATEGORY_MANAGER_JOB	Category Manager	Category Manager Job Group	OA4F_PROC_BUSINESS_UNIT_DATA OA4F_PROC_SPEND_ANALYSIS_DUTY OA4F_PROC_PURCHASE_ORDER_ANALYSIS_DUTY OA4F_PROC_PURCHASE_AGREEMENT_ANALYSIS_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_DUTY OA4F_PROC_REQUISITIONS_ANALYSIS_DUTY OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_ORDER_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_AGREEMENT_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_CONTENT_DUTY OA4F_PROC_REQUISITIONS_ANALYSIS_CONTENT_DUTY NEXUS_BASE_OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY OA4F_PROC_PO_CHANGE_ORDERS_ANALYSIS_DUTY OA4F_PROC_PA_CHANGE_ORDERS_ANALYSIS_DUTY OA4F_PROC_PA_CHANGE_ORDER	Procurement

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			S_ANALYSIS_CONTENT_DUTY	
ORA_POZ_SUPPLIER_ADMINISTRATOR_ABSTRACT	Supplier Administrator	Supplier Administrator Job Group	OA4F_PROC_BUSINESS_UNIT_DATA OA4F_PROC_SUPPLIER_ANALYSIS_CONTENT_DUTY OA4F_PROC_SUPPLIER_REGISTRATION_ANALYSIS_CONTENT_DUTY OA4F_PROC_SUPPLIER_REGISTRATION_ANALYSIS_DUTY	Procurement
ORA_POZ_SUPPLIER_MANAGER_ABSTRACT	Supplier Manager	Supplier Manager Job Group	OA4F_PROC_BUSINESS_UNIT_DATA OA4F_PROC_SUPPLIER_ANALYSIS_DUTY OA4F_PROC_SUPPLIER_REGISTRATION_ANALYSIS_CONTENT_DUTY OA4F_PROC_SUPPLIER_REGISTRATION_ANALYSIS_DUTY	Procurement
ORA_POZ_SUPPLIER_QUALIFICATION_DISCRETIONARY	Supplier Qualification	Supplier Qualification Job Group	OA4F_PROC_BUSINESS_UNIT_DATA OA4F_PROC_SUPPLIER_QUALIFICATION_MANAGEMENT_ANALYSIS_CONTENT_DUTY OA4F_PROC_SUPPLIER_QUALIFICATION_MANAGEMENT_ANALYSIS_DUTY	Procurement Supplier Qualification Management
ORA_SUS_SUSTAINABILITY_ANALYST_JOB	Sustainability Analyst	Sustainability Analyst Job Group	OA4F_SUS_ACTIVITY_ANALYSIS_DUTY OA4F_SUS_ACTIVITY_ANALYSIS_CONTENT_DUTY	Sustainability

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_SUS_SUSTAINABILITY_CONTROLLER_JOB	Sustainability Controller	Sustainability Controller Job Group	OA4F_SUS_ACTIVITY_ANALYSIS_DUTY OA4F_SUS_ACTIVITY_ANALYSIS_CONTENT_DUTY	Sustainability
ORA_WIE_PRODUCTION_OPERATOR_JOB	Production Operator	Production Operator Job Group	OA4F_SCM_MFG_MANUFACTURING_ORG_DATA OA4F_SCM_MFG_WORK_ORDERS_ANALYSIS_DUTY OA4F_SCM_MFG_WO_OPERATION_TRANSACTION_ANALYSIS_DUTY OA4F_SCM_MFG_WO_RESOURCES_ANALYSIS_DUTY OA4F_SCM_MFG_WO_MATERIALS_ANALYSIS_DUTY OA4F_SCM_MFG_WORK_ORDERS_ANALYSIS_CONTENT_DUTY OA4F_SCM_MFG_WO_RESOURCES_ANALYSIS_CONTENT_DUTY OA4F_SCM_MFG_WO_MATERIALS_ANALYSIS_CONTENT_DUTY	Manufacturing

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_WIE_PRODUCTION_SUPERVISOR_JOB	Production Supervisor	Production Supervisor Job Group	OA4F_SCM_MFG_MANUFACTURING_ORG_DATA OA4F_SCM_MFG_WORK_ORDERS_ANALYSIS_DUTY OA4F_SCM_MFG_WO_OPERATION_TRANSACTION_ANALYSIS_DUTY OA4F_SCM_MFG_WO_RESOURCES_ANALYSIS_DUTY OA4F_SCM_MFG_WO_MATERIALS_ANALYSIS_DUTY OA4F_SCM_MFG_WORK_ORDERS_ANALYSIS_CONTENT_DUTY OA4F_SCM_MFG_WO_RESOURCES_ANALYSIS_CONTENT_DUTY OA4F_SCM_MFG_WO_MATERIALS_ANALYSIS_CONTENT_DUTY	Manufacturing

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_WIS_MANUFACTURING_ENGINEER_JOB	Manufacturing Engineer	Manufacturing Engineer Job Group	OA4F_SCM_MFG_MANUFACTURING_ORG_DATA OA4F_SCM_MFG_WORK_ORDERS_ANALYSIS_DUTY OA4F_SCM_MFG_WO_OPERATION_TRANSACTION_ANALYSIS_DUTY OA4F_SCM_MFG_WO_RESOURCES_ANALYSIS_DUTY OA4F_SCM_MFG_WO_MATERIALS_ANALYSIS_DUTY OA4F_SCM_MFG_WORK_ORDERS_ANALYSIS_CONTENT_DUTY OA4F_SCM_MFG_WO_RESOURCES_ANALYSIS_CONTENT_DUTY OA4F_SCM_MFG_WO_MATERIALS_ANALYSIS_CONTENT_DUTY	Manufacturing

Common Job-Specific Groups

The common job-specific groups are applicable across the analytics applications that are part of Oracle Fusion Data Intelligence such as Oracle Fusion HCM Analytics and Oracle Fusion ERP Analytics.

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Associated Application Role Names	Functional Area
ORA_FND_INTEGRATION_SPECIALIST_JOB	Integration Specialist	Individual responsible for planning, coordinating, and supervising all activities related to the integration of enterprise information systems. Has author privileges.	Author OA4F_COMMON_DATA_ADMIN_ANALYSIS_DUTY	Not applicable	Common

Data Roles

This section provides information about Oracle Fusion SCM Analytics data roles.

Topics

- Overview

Overview

This section provides data roles that can be used to secure access to the subject area.

Data Role Code	Data Role Name	Description	Functional Area
OA4F_FIN_AP_BUSINESS_UNIT_DATA	Accounts Payable Business Unit Data Security	Data security role to access accounts payable business unit-based data.	Procurement
OA4F_OKC_CONTRACT_BUSINESS_UNIT_DATA	Contract Business Unit Data Security	Data security role to access contracts business unit-based data.	Enterprise Contracts
OA4F_PROC_BUSINESS_UNIT_DATA	Procurement Business Unit Data Security	Data security role to access procurement business unit-based data.	Procurement, Procurement Suppliers, Procurement Supplier Qualification Management
OA4F_PROC_REQ_BUSINESS_UNIT_DATA	Procurement Requisition Business Unit Data Security	Data security role to access procurement Requisition business unit-based data.	Inventory, Procurement
OA4F_SCM_CMR_BUSINESS_UNIT_DATA	Profit Center Business Unit Data Security for Receipt Accounting Business Function	Data security role to access Receipt Accounting business unit-based data.	Procurement (SCM) Receipt Accounting
OA4F_SCM_CST_COSTING_ORG_DATA	Supply Chain Costing Organization Data Security	Data security role to access supply chain costing organization-based data.	Cost Management Work Order Cost
OA4F_SCM_INV_BUSINESS_UNIT_DATA	Supply Chain Business Unit Data Security for Materials Management Business Function	Data security role to access supply chain inventory business unit-based data.	Inventory
OA4F_SCM_INV_INVENTORY_ORG_DATA	Supply Chain Inventory Organization Data Security	Data security role to access supply chain inventory organization-based data.	Inventory Product Management
OA4F_SCM_INV_ITEM_CLASS_DATA	Supply Chain Item Class Data Security	Data security role to access supply chain item class-based data.	Product Management
OA4F_SCM_MFG_MANUFACTURING_ORG_DATA	Supply Chain Manufacturing Organization Data Security	Data security role to access supply chain manufacturing organization based data.	Manufacturing

Data Role Code	Data Role Name	Description	Functional Area
OA4F_SCM_MNT_MAINTENANCE_ORG_DATA	Supply Chain Maintenance Organization Data Security	Data security role to access supply chain maintenance organization-based data.	Manufacturing
OA4F_SCM_OM_BUSINESS_UNIT_DATA	Supply Chain Business Unit Data Security for Sales Business function	Data security role to access supply chain order management business unit-based data.	Order Management
OA4F_SCM_OM_BUSINESS_UNIT_DATA	Supply Chain Business Unit Data Security for Sales Business function	Data security role to access supply chain order management business unit-based data.	Draft Sales Order Management

Duty Roles

This section provides information about Oracle Fusion SCM Analytics duty roles.

Topics

- Overview
- Common Duty Roles

Overview

This section provides subject area and content-related duty roles that you can use to secure access to the subject areas and specific content. For each duty role in this section, links are provided for detailed information about the job-specific groups, subject areas, and business questions associated with the duty role.

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
NEXUS_BASE_OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY	Nexus Base Procurement Spend Analysis Content Duty	Nexus Base Controls presentation catalog access to DV projects built against the Procurement - Spend subject area.	Procurement	Procurement - Spend
OA4F_SCM_EGI_ITEM_RELATIONSHIPS_ANALYSIS_CONTENT_DUTY	Item Relationships Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the SCM - Item Relationships subject area.	Product Management	Product Management - Item Relationships (Preview)

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_SCM_EGI_ITEM_RELATIONSHIPS_ANALYSIS_DUTY	Item Relationships Analysis Duty	Controls presentation catalog access to SCM - Item Relationships subject area.	Product Management	Product Management - Item Relationships (Preview)
OA4F_PROC_SUPPLIER_ANALYSIS_DUTY	Procurement Supplier Analysis Duty	Controls presentation catalog access to Procurement - Suppliers subject area.	Procurement	Procurement - Suppliers
OA4F_PROC_SUPPLIER_ANALYSIS_CONTENT_DUTY	Procurement Supplier Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Procurement - Suppliers subject area.	Procurement	Procurement - Suppliers
OA4F_CMR_RECEIPT_ACCOUNTING_ANALYSIS_CONTENT_DUTY	Receipt Accounting Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Receipt Accounting subject area.	Procurement (SCM) Receipt Accounting	Procurement - Receipt Accounting(Preview), Procurement - Accrual Balances at Period End (Preview), Procurement - Accrual Balances at Period End (Preview)
OA4F_CMR_RECEIPT_ACCOUNTING_DUTY	Receipt Accounting Duty	Controls presentation catalog access to Receipt Accounting subject area.	Procurement (SCM) Receipt Accounting	Procurement - Receipt Accounting(Preview), Procurement - Accrual Balances at Period End (Preview), Procurement - Accrual Balances at Period End (Preview)
OA4F_INV_OF_PICKING_SHIPPING_ANALYSIS_CONTENT_DUTY	Picking and Shipping Analysis Content Duty	Controls presentation catalog access to WorkBooks projects for the SCM - Picking and Shipping subject area.	Inventory	SCM - Picking and Shipping

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_MSC_PLANNING_ANALYSIS_DUTY	Planning Analytics Duty	Object security role to control presentation catalog access to dynamically Generated Planning subject area(s).	Planning Analytics	Planning Analytics Dynamic Subject Areas (Preview)
OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_CONTENT_DUTY	Enterprise Contracts Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Enterprise Contracts - Contracts subject area.	Enterprise Contracts	Enterprise Contracts - Contracts (Preview)
OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY	Enterprise Contracts Analysis Duty	Controls presentation catalog access to Enterprise Contracts subject area.	Enterprise Contracts	Enterprise Contracts - Contracts (Preview)
OA4F_PROC_PA_CHANGE_ORDERS_ANALYSIS_CONTENT_DUTY	Procurement Agreement Change Orders Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Procurement Agreement Change Orders subject area.	Procurement	Procurement - Agreement Change Orders (Preview)
OA4F_PROC_PA_CHANGE_ORDERS_ANALYSIS_DUTY	Procurement Agreement Change Orders Analysis Duty	Controls catalog access to the Procurement Agreement Change Orders subject area.	Procurement	Procurement - Agreement Change Orders (Preview)
OA4F_PROC_PO_CHANGE_ORDERS_ANALYSIS_DUTY	Procurement Purchase Order Change Orders Analysis Duty	Controls catalog access to the Procurement Purchase Order Change Orders subject area.	Procurement	Procurement - Purchase Order Change Orders (Preview)

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_PROC_PURCHASE_AGREEMENT_ANALYSIS_CONTENT_DUTY	Procurement Purchase Agreement Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Procurement - Agreements subject area.	Procurement	Procurement - Agreements
OA4F_PROC_PURCHASE_AGREEMENT_ANALYSIS_DUTY	Procurement Purchase Agreement Analysis Duty	Controls presentation catalog access to Procurement Purchase Agreement subject area.	Procurement	Procurement - Agreements
OA4F_PROC_PURCHASE_ORDER_ANALYSIS_CONTENT_DUTY	Procurement Purchase Order Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Procurement - Purchase Orders subject area.	Procurement	Procurement - Purchase Orders
OA4F_PROC_PURCHASE_ORDER_ANALYSIS_DUTY	Procurement Purchase Order Analysis Duty	Controls presentation catalog access to Procurement Purchase Order subject area.	Procurement	Procurement - Purchase Orders
OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_CONTENT_DUTY	Procurement Purchase Receipts Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Procurement - Receipts subject area.	Procurement	Procurement - Receipts
OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_DUTY	Procurement Purchase Receipts Analysis Duty	Controls presentation catalog access to Procurement Purchase Receipts subject area.	Procurement	Procurement - Receipts

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_PROC_REQUISITIONS_ANALYSIS_CONTENT_DUTY	Procurement Requisitions Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Procurement - Requisitions subject area.	Procurement	Procurement - Requisitions
OA4F_PROC_REQUISITIONS_ANALYSIS_DUTY	Procurement Requisitions Analysis Duty	Controls presentation catalog access to Procurement Requisitions subject area.	Procurement	Procurement - Requisitions
OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY	Procurement Spend Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Procurement - Spend subject area.	Procurement	Procurement - Spend
OA4F_PROC_SPEND_ANALYSIS_DUTY	Procurement Spend Analysis Duty	Controls presentation catalog access to Procurement Spend subject area.	Procurement	Procurement - Spend
OA4F_SCM_CST_COGS_AND_GROSSMARGIN_ANALYSIS_CONTENT_DUTY	COGS and Gross Margin Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the SCM - COGS and Gross Margin subject area.	Cost Management	SCM - COGS and Gross Margin
OA4F_SCM_CST_COGS_AND_GROSSMARGIN_ANALYSIS_DUTY	COGS and Gross Margin Analysis Duty	Controls presentation catalog access to COGS and Gross Margin subject area.	Cost Management	SCM - COGS and Gross Margin
OA4F_SCM_CST_COST_ACCOUNTING_ANALYSIS_CONTENT_DUTY	Cost Accounting Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Cost Accounting subject area.	Cost Management	SCM - Cost Accounting

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_SCM_CST_COST_ACCOUNTING_ANALYSIS_DUTY	Cost Accounting Analysis Duty	Controls presentation catalog access to Cost Accounting subject area.	Cost Management	SCM - Cost Accounting
OA4F_SCM_CST_COST_ACCOUNTING_ANALYSIS_DUTY	Cost Accounting Analysis Duty	Controls presentation catalog access to Cost Accounting subject area.	Cost Management	SCM - Cost Accounting (Preview)
OA4F_SCM_CST_INVENTORY_VALUATIONS_ANALYSIS_CONTENT_DUTY	Inventory Valuations Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the SCM - Inventory Valuations subject area.	Cost Management	SCM - Inventory Valuations
OA4F_SCM_CST_INVENTORY_VALUATIONS_ANALYSIS_DUTY	Inventory Valuations Analysis Duty	Controls presentation catalog access to Inventory Valuations subject area.	Cost Management	SCM - Inventory Valuations
OA4F_SCM_CST_ITEM_COST_ANALYSIS_CONTENT_DUTY	Item Cost Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the SCM - Item Cost subject area.	Cost Management	SCM - Item Cost
OA4F_SCM_CST_ITEM_COST_ANALYSIS_DUTY	Item Cost Analysis Duty	Controls presentation catalog access to Item Cost subject area.	Cost Management	SCM - Item Cost
OA4F_SCM_CST_WORKORDER_COST_ANALYSIS_CONTENT_DUTY	Work Order Costs Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the SCM - Work Order Costing subject area.	Work Order Cost	SCM - Work Order Costing (Preview)
OA4F_SCM_CST_WORKORDER_COST_ANALYSIS_DUTY	Work Order Costs Analysis Duty	Controls presentation catalog access to Work Order Costing subject area.	Work Order Cost	SCM - Work Order Costing (Preview)

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_SCM_EGI_ITEM_REVISIONS_ANALYSIS_CONTENT_DUTY	Item Revisions Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the SCM - Item Revisions subject area.	Product Management	Product Management - Item Revisions (Preview)
OA4F_SCM_EGI_ITEM_REVISIONS_ANALYSIS_DUTY	Item Revisions Analysis Duty	Controls presentation catalog access to SCM - Item Revisions subject area.	Product Management	Product Management - Item Revisions (Preview)
OA4F_SCM_INV_CURRENT_INVENTORY_BALANCES_ANALYSIS_CONTENT_DUTY	Inventory Current Onhand Balances Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the SCM - Current Inventory Balances functional area.	Inventory	SCM - Inventory Balances
OA4F_SCM_INV_INVENTORY_AGING_ANALYSIS_CONTENT_DUTY	Inventory Aging Analysis Content Duty	Controls presentation catalog access to DV projects and KPIs built against the SCM - Inventory Aging subject area.	Inventory Aging	SCM - Inventory Aging
OA4F_SCM_INV_INVENTORY_AGING_ANALYSIS_DUTY	Inventory Aging Analysis Duty	Object security role to control presentation catalog access to Inventory Aging subject area.	Inventory Aging	SCM - Inventory Aging
OA4F_SCM_INV_INVENTORY_BALANCES_ANALYSIS_CONTENT_DUTY	Inventory Balances Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the SCM - Current Inventory Balances subject area.	Inventory	SCM - Inventory Balances
OA4F_SCM_INV_INVENTORY_BALANCES_ANALYSIS_DUTY	Inventory Balances Analysis Duty	Controls presentation catalog access to Inventory Balances subject area.	Inventory	SCM - Inventory Balances

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_SCM_INV_INVENTORY_RECEIPTS_ANALYSIS_CONTENT_DUTY	Inventory Receipts Analysis Content Duty	Object security role to control presentation catalog access to DV projects and business metrics built against the 'SCM - Inventory Receipts' subject area.	Inventory	SCM - Inventory Receipts
OA4F_SCM_INV_INVENTORY_RECEIPTS_ANALYSIS_DUTY	Inventory Receipts Analysis Duty	Object security role to control presentation catalog access to Inventory Receipts subject area.	Inventory	SCM - Inventory Receipts
OA4F_SCM_INV_INVENTORY_TRANSACTIONS_ANALYSIS_CONTENT_DUTY	Inventory Transactions Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the SCM - Inventory Transactions subject area.	Inventory	SCM - Inventory Transactions
OA4F_SCM_INV_INVENTORY_TRANSACTIONS_ANALYSIS_DUTY	Inventory Transactions Analysis Duty	Controls presentation catalog access to Inventory Transactions subject area.	Inventory	SCM - Inventory Transactions
OA4F_SCM_INV_INVENTORY_TRANSFER_ORDER_ANALYSIS_CONTENT_DUTY	Transfer Order Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Transfer Order subject area.	Inventory	SCM - Transfer Orders
OA4F_SCM_INV_INVENTORY_TRANSFER_ORDER_ANALYSIS_DUTY	Transfer Order Analysis Duty	Controls presentation catalog access to Transfer Order subject area.	Inventory	SCM - Transfer Orders
OA4F_SCM_INV_INVENTORY_TURNS_ANALYSIS_CONTENT_DUTY	Inventory Turns Analysis Content Duty	Controls presentation catalog access to DV projects and KPIs built against the SCM - Inventory Turns subject area.	Inventory Turns	SCM - Inventory Turns (Preview)

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_SCM_INV_INVENTORY_TURNS_ANALYSIS_DUTY	Inventory Turns Analysis Duty	Object security role to control presentation catalog access to Inventory Turns subject area.	Inventory Turns	SCM - Inventory Turns (Preview)
OA4F_SCM_INV_PICKING_AND_SHIPPING_ANALYSIS_DUTY	Picking and Shipping Analysis Duty	Controls presentation catalog access to Picking and Shipping subject area.	Inventory	SCM - Picking and Shipping
OA4F_SCM_MFG_WO_MATERIALS_ANALYSIS_CONTENT_DUTY	Manufacturing Work Order Materials Analysis Content Duty	Object security role to control presentation catalog access to DV projects built against the 'SCM - Manufacturing Materials' subject area.	Manufacturing	SCM - Manufacturing Materials
OA4F_SCM_MFG_WO_MATERIALS_ANALYSIS_DUTY	Manufacturing Work Order Materials Analysis Duty	Object security role to control presentation catalog access to Manufacturing Work Order Materials subject area.	Manufacturing	SCM - Manufacturing Materials
OA4F_SCM_MFG_WO_OPERATION_TRANSACTION_ANALYSIS_CONTENT_DUTY	Manufacturing Work Order Operation Transactions Analysis Content Duty	Object security role to control presentation catalog access to DV projects built against the 'SCM - Manufacturing Operation Transactions' subject area.	Manufacturing	SCM - Manufacturing Operation Transactions
OA4F_SCM_MFG_WO_OPERATION_TRANSACTION_ANALYSIS_DUTY	Manufacturing Work Order Operation Transactions Analysis Duty	Object security role to control presentation catalog access to Manufacturing Work Order Operation Transactions subject area.	Manufacturing	SCM - Manufacturing Operation Transactions

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_SCM_MFG_WO_RESOURCES_ANALYSIS_CONTENT_DUTY	Manufacturing Work Order Resources Analysis Content Duty	Object security role to control presentation catalog access to DV projects built against the 'SCM - Manufacturing Resources' subject area.	Manufacturing	SCM - Manufacturing Resources
OA4F_SCM_MFG_WO_RESOURCES_ANALYSIS_DUTY	Manufacturing Work Order Resources Analysis Duty	Object security role to control presentation catalog access to Manufacturing Work Order Resources subject area.	Manufacturing	SCM - Manufacturing Resources
OA4F_SCM_MFG_WORK_ORDERS_ANALYSIS_CONTENT_DUTY	Manufacturing Work Orders Analysis Content Duty	Object security role to control presentation catalog access to DV projects built against the 'SCM - Manufacturing Work Orders' subject area.	Manufacturing	SCM - Manufacturing Work Orders
OA4F_SCM_MFG_WORK_ORDERS_ANALYSIS_DUTY	Manufacturing Work Orders Analysis Duty	Object security role to control presentation catalog access to Manufacturing Work Orders subject area.	Manufacturing	SCM - Manufacturing Work Orders
OA4F_SCM_MNT_WO_MATERIALS_ANALYSIS_CONTENT_DUTY	Maintenance Work Order Materials Analysis Content Duty	Object security role to control presentation catalog access to DV projects built against the 'SCM - Maintenance Materials' subject area.	Manufacturing	SCM - Maintenance Materials
OA4F_SCM_MNT_WO_MATERIALS_ANALYSIS_DUTY	Maintenance Work Order Materials Analysis Duty	Object security role to control presentation catalog access to Maintenance Work Order Materials subject area.	Manufacturing	SCM - Maintenance Materials

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_SCM_MNT_WO_OPERATION_TRANSACTION_ANALYSIS_CONTENT_DUTY	Maintenance Work Order Operation Transactions Analysis Content Duty	Object security role to control presentation catalog access to DV projects built against the 'SCM - Maintenance Operation Transactions' subject area.	Manufacturing	SCM - Maintenance Operation Transactions
OA4F_SCM_MNT_WO_OPERATION_TRANSACTION_ANALYSIS_DUTY	Maintenance Work Order Operation Transactions Analysis Duty	Object security role to control presentation catalog access to Maintenance Work Order Operation Transactions subject area.	Manufacturing	SCM - Maintenance Operation Transactions
OA4F_SCM_MNT_WO_RESOURCES_ANALYSIS_CONTENT_DUTY	Maintenance Work Order Resources Analysis Content Duty	Object security role to control presentation catalog access to DV projects built against the 'SCM - Maintenance Resources' subject area.	Manufacturing	SCM - Maintenance Resources
OA4F_SCM_MNT_WO_RESOURCES_ANALYSIS_DUTY	Maintenance Work Order Resources Analysis Duty	Object security role to control presentation catalog access to Maintenance Work Order Resources subject area.	Manufacturing	SCM - Maintenance Resources
OA4F_SCM_MNT_WORK_ORDERS_ANALYSIS_CONTENT_DUTY	Maintenance Work Orders Analysis Content Duty	Object security role to control presentation catalog access to DV projects built against the 'SCM - Maintenance Work Orders' subject area.	Manufacturing	SCM - Maintenance Work Orders
OA4F_SCM_MNT_WORK_ORDERS_ANALYSIS_DUTY	Maintenance Work Orders Analysis Duty	Object security role to control presentation catalog access to Maintenance Work Orders subject area.	Manufacturing	SCM - Maintenance Work Orders

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_SCM_OM_HOLDS_ANALYSIS_CONTENT_DUTY	Order Management Holds Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the SCM - Sales Holds subject area.	Order Management	SCM - Sales Orders Holds
OA4F_SCM_OM_HOLDS_ANALYSIS_DUTY	Order Management Holds Analysis Duty	Controls presentation catalog access to Sales Orders Holds subject area.	Order Management	SCM - Sales Orders Holds
OA4F_SCM_OM_HOLDS_ANALYSIS_DUTY	Order Management Holds Analysis Duty	Controls presentation catalog access to Draft Sales Orders Holds subject area.	Draft Sales Order Management	SCM - Draft Sales Orders Holds (Preview)
OA4F_SCM_OM_SALES_ORDER_ANALYSIS_CONTENT_DUTY	Order Management Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the SCM - Sales Orders subject area.	Order Management	SCM - Sales Orders
OA4F_SCM_OM_SALES_ORDER_ANALYSIS_DUTY	Order Management Analysis Duty	Controls presentation catalog access to Sales Orders subject area.	Order Management	SCM - Sales Orders
OA4F_SCM_OM_SALES_ORDER_ANALYSIS_DUTY	Order Management Analysis Duty	Controls presentation catalog access to Sales Orders subject area.	Draft Sales Order Management	SCM - Draft Sales Orders (Preview)
OA4F_SUS_ACTIVITY_ANALYSIS_CONTENT_DUTY	Sustainability Analysis Content Duty	Object security role to control presentation catalog access to DV projects built against the Sustainability Activities subject area.	Sustainability	Sustainability - Activities (Preview)
OA4F_SUS_ACTIVITY_ANALYSIS_DUTY	Sustainability Analysis Duty	Controls Presentation access to the Sustainability Activities subject area.	Sustainability	Sustainability - Activities (Preview)

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_PROC_SUPPLIER_REGISTRATION_ANALYSIS_CONTENT_DUTY	Procurement Supplier Registration Analysis Content Duty	Object security role to control presentation catalog access to data visualization projects and business metrics built against the Procurement - Supplier Registration subject area.	Procurement Suppliers	Procurement - Supplier Registration
OA4F_PROC_SUPPLIER_REGISTRATION_ANALYSIS_DUTY	Procurement Supplier Registration Analysis Duty	Object security role to control presentation catalog access to the Procurement - Supplier Registration subject area.	Procurement Suppliers	Procurement - Supplier Registration
OA4F_PROC_SUPPLIER_QUALIFICATION_MANAGEMENT_ANALYSIS_CONTENT_DUTY	Procurement Supplier Qualification Management Analysis Content Duty	Object security role to control presentation catalog access to data visualization projects and business metrics built against the Procurement - Supplier Qualification Management subject area.	Procurement Supplier Qualification Management	Procurement - Supplier Qualification Management
OA4F_PROC_SUPPLIER_QUALIFICATION_MANAGEMENT_ANALYSIS_DUTY	Procurement Supplier Qualification Management Analysis Duty	Object security role to control presentation catalog access to the Procurement - Supplier Qualification Management subject area.	Procurement Supplier Qualification Management	Procurement - Supplier Qualification Management

Common Duty Roles

The common duty roles are applicable across the analytics applications that are part of the application such as Oracle Fusion CX Analytics, Oracle Fusion HCM Analytics, and Oracle Fusion ERP Analytics.

Duty Role Code	Duty Role Name	Details	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_COMMON_DATA_ADMIN_ANALYSIS_DUTY	Data Warehouse Refresh and Usage Tracking Analysis Duty	Object security role to control access to Common - Warehouse Refresh Statistics subject area.	Common	Common - Warehouse Refresh Statistics
OA4F_COMMON_DATA_ADMIN_ANALYSIS_CONTENT_DUTY	Data Warehouse Refresh and Usage Tracking Analysis Content Duty	Object security role to control access to Warehouse Refresh Statistics and Data Validation workbooks.	Common	
OA4F_COMMON_USAGE_TRACKING_DUTY	Usage Tracking Analysis Duty	Object security role to control presentation catalog access to Common - Usage Tracking subject area.	Common	Common - Usage Tracking
OA4F_COMMON_USAGE_TRACKING_CONTENT_DUTY	Usage Tracking Analysis Content Duty	Object security role to control presentation catalog access to Usage Tracking workbook	Common	
OA4F_SECURITY_REPORTING_DUTY	Security Reporting Duty	Object security role to control access to Security Assignment and Security Audit History subject areas.	Common	Security Assignment Security Audit History
OA4F_SECURITY_REPORTING_CONTENT_DUTY	Security Reporting Analysis Content Duty	Object security role to control presentation catalog access to Security Audit workbook		
OA4F_STORAGE_USAGE_TRACKING_ANALYSIS_DUTY	Storage Usage Tracking Analysis Duty	Object security role to control access to the Tenant Metrics subject area	Common	
OA4F_STORAGE_USAGE_TRACKING_ANALYSIS_CONTENT_DUTY	Storage Usage Tracking Analysis Content Duty	Object security role to control presentation catalog access to Custom Data Usage workbook	Common	
OA4F_CONTENT_EXPLORER_ANALYSIS_DUTY	Content Explorer Analysis Duty	Object security role to control access to the Content Explorer subject areas	Common	

Duty Role Code	Duty Role Name	Details	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_CONTENT_EXPLORER_ANALYSIS_CONTENT_DUTY	Content Explorer Content Duty	Object security role to control presentation catalog access to the Content Explorer - Fusion Data Intelligence workbook	Common	

Subject Area Metric Details

This section provides information about Oracle Fusion SCM Analytics subject area metrics and the associated details.

Topics

- Cost Management
- Inventory Management
- Manufacturing
- Order Management
- Procurement
- Product Management
- Sustainability (Preview)

Cost Management

This section provides information about Oracle Fusion SCM Analytics Cost Management subject area metric details.

Topics

- Cost Management - COGS and Gross Margin
- Cost Management - Cost Accounting
- Cost Management - Inventory Valuations
- Cost Management - Item Cost
- Cost Management - Work Order Costing (Preview)

Cost Management - COGS and Gross Margin

These metrics will be used in the Analytics Currency (AC) and Cost Currency fact folder for the Subject Area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Cost Distribution Accounting Date to convert to the analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Recognized Cost of Good Sold	This metric is calculated as the sum of recognized cost of good sold.
Recognized Revenue	This metric is calculated as the sum of recognized revenue.
Recognized Gross Margin	This metric is calculated as the sum of recognized gross margin.
Recognized Gross Margin Percentage	This metric is calculated as the recognized gross margin divided by total gross margin.
Unrecognized Cost of Good Sold	This metric is calculated as the sum of unrecognized cost of goods sold.
Unrecognized Revenue	This metric is calculated as the sum of unrecognized revenue.
Unrecognized Gross Margin	This metric is calculated as the sum of unrecognized gross margin.
Unrecognized Gross Margin Percentage	This metric is calculated as the unrecognized gross margin divided by total gross margin.

Cost Management - Cost Accounting

These metrics will be used in the Ledger Currency and Cost Currency fact folder for the Subject Area. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Transaction Quantity	This metric is calculated as sum of quantity in primary unit of measure.
Costed Quantity	This metric is calculated as sum of quantity in costing unit of measure.
Transaction Debit Amount	This metric shows the debit amount for the transactions.
Transaction Credit Amount	This metric shows the credit amount for the transactions.
Transaction Net Amount	This metric shows the activity amount of the transactions. Where activity amount = Sum of debit amount - Sum of credit amount.
Accounted Debit Amount	This metric shows the accounted debit amount for the transactions.
Accounted Credit Amount	This metric shows the accounted credit amount for the transactions.
Accounted Net Amount	This metric shows the activity amount of the transactions. Where activity amount = Sum of accounted debit amount - Sum of accounted credit amount.

Cost Management - Inventory Valuations

These metrics will be used in the Analytics Currency (AC) and Cost Currency fact folder in the Subject Area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Period End Date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Costed OnHand Quantity	This metric shows onhand balance for a given period.
Unit Cost	This metric shows unit cost for a given period.
Costed OnHand Amount	This metric shows costed onhand balance for a given period.

Metric	Metric Definition
Accounted OnHand Amount	This metric shows accounted onhand balance for a given period.
Unaccounted OnHand Amount	This metric shows unaccounted onhand balance for a given period.

Cost Management - Item Cost

These metrics will be used in the Analytics Currency (AC) and Cost Currency fact folder in the Subject Area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Cost Effective Start Date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Unit Cost	This metric shows average unit cost by distinct item and distinct valuation unit for a given period.
Material Cost	This metric shows average material cost by distinct item and distinct valuation unit for a given period.
Material Overhead Cost	This metric shows average material overhead cost by distinct item and distinct valuation unit for a given period.
Resource Cost	This metric shows average resource cost by distinct item and distinct valuation unit for a given period.
Overhead Cost	This metric shows average overhead cost by distinct item and distinct valuation unit for a given period.
Profit in Inventory	This metric shows average profit in inventory cost by distinct item and distinct valuation unit for a given period.
Material Cost %	This metric shows average material cost percentage of the average unit cost for a given period.
Material Overhead Cost %	This metric shows average material overhead cost percentage of the average unit cost for a given period.
Resource Cost %	This metric shows average resource cost percentage of the average unit cost for a given period.
Overhead Cost %	This metric shows average overhead cost percentage of the average unit cost for a given period.
Profit in Inventory %	This metric shows average profit in inventory cost percentage of the average unit cost for a given period.

Cost Management - Work Order Costing (Preview)

The fact folders in this subject area shows the metrics details below.

Metric	Metric Definition
Output Cost	Sum of value of completed work orders.
Component Cost	Sum of value of materials issued to work orders.
Resource Cost	Sum of value of actual resource hours charged to work orders.
Scrap Cost - Expensed	Sum of value of scrap generated in work orders.
Scrap Cost - Absorbed in Inventory	Sum of value of scrap generated in work orders.
WIP Balance	Sum of undergoing production costs for work orders are not closed.

Metric	Metric Definition
Variance Cost	Sum of material usage variance quantity multiplied with cost for completed and closed work orders.

Inventory Management

This section provides information about Oracle Fusion SCM Analytics Inventory Management subject area metric details.

Topics

Inventory - Inventory Aging (Preview)

The fact folder in this subject area shows the metrics details below.

Metric	Metric Definition
Inventory Age	This metric shows Inventory Age at Item-Org level is the weighted average. This metric is calculated as below sum(age_as_per_date_received multiplied by primary_onhand_quantity) divided by inventory onhand quantity
Days left for Lot Expiry	This metric is calculated as difference of Lot Expiration Date and Current Date measured in Days
Expired Lot Age	This metric is calculated as difference of Current Date and Lot Expiration Date measured in Days
Expired Lot Quantity	This metric is calculated as below; Expired Lot Quantity is equal to Sum of Current Onhand Quantity for Lot Item where Lot expiration date is less than current date
Inventory Age Quantity	Inventory Age Quantity is the Inventory Onhand Quantity grouped in Age buckets
Inventory Age - Under 30 Days	Inventory Onhand Quantity less than 30 Days of Inventory Age
Inventory Age - 31-60 Days	Inventory Onhand Quantity between 31 to 60 Days of Inventory Age
Inventory Age - 61-90 Days	Inventory Onhand Quantity between 61 to 90 Days of Inventory Age
Inventory Age - 91-180 Days	Inventory Onhand Quantity between 91 to 180 Days of Inventory Age
Inventory Age - 181-365 Days	Inventory Onhand Quantity between 181 to 365 Days of Inventory Age
Inventory Age - Under 7 Days	Inventory Onhand Quantity less than 7 Days of Inventory Age

Metric	Metric Definition
Inventory Age - 8-14 Days	Inventory Onhand Quantity between 8 to 14 Days of Inventory Age
Inventory Age - 15-21 Days	Inventory Onhand Quantity between 15 to 21 Days of Inventory Age
Inventory Age - 22-28 Days	Inventory Onhand Quantity between 22 to 28 Days of Inventory Age
Inventory Age - 29-91 Days	Inventory Onhand Quantity between 29 to 91 Days of Inventory Age
Inventory Age - 92-365 Days	Inventory Onhand Quantity between 92 to 365 Days of Inventory Age
Inventory Age - 1+ Year	Inventory Onhand Quantity greater than or equal to 366 Days of Inventory Age
Inventory Age - 1-2 Years	Inventory Onhand Quantity between 366 to 730 Days of Inventory Age
Inventory Age - 2-3 Years	Inventory Onhand Quantity between 731 to 1095 Days of Inventory Age
Inventory Age - 3-5 Years	Inventory Onhand Quantity between 1096 to 1825 Days of Inventory Age
Inventory Age - 5+ Years	Inventory Onhand Quantity greater than or equal to 1826 Days of Inventory Age
Unit Cost	Unit cost in primary UOM
Inventory Age Value	Inventory Age Value is the Inventory Onhand Value grouped in different Inventory Age Buckets. This metric is calculated as below; Inventory Age Value is equal to Current Onhand Quantity multiplied by Unit Cost
Expired Lot Value	Expired Value is equal to Expired Quantity multiplied by Unit Cost
Inventory Age Value - Under 30 Days	Inventory Age Value less than 30 Days of Inventory Age
Inventory Age Value - 31-60 Days	Inventory Age Value between 31 to 60 Days of Inventory Age
Inventory Age Value - 61-90 Days	Inventory Age Value between 61 to 90 Days of Inventory Age
Inventory Age Value - 91-180 Days	Inventory Age Value between 91 to 180 Days of Inventory Age
Inventory Age Value - 181-365 Days	Inventory Age Value between 181 to 365 Days of Inventory Age
Inventory Age Value - Under 7 Days	Inventory Age Value less than 7 Days of Inventory Age
Inventory Age Value - 8-14 Days	Inventory Age Value between 8 to 14 Days of Inventory Age
Inventory Age Value - 15-21 Days	Inventory Age Value between 15 to 21 Days of Inventory Age
Inventory Age Value - 22-28 Days	Inventory Age Value between 22 to 28 Days of Inventory Age
Inventory Age Value - 29-91 Days	Inventory Age Value between 29 to 91 Days of Inventory Age
Inventory Age Value - 92-365 Days	Inventory Age Value between 92 to 365 Days of Inventory Age
Inventory Age Value - 1+ Year	Inventory Age Value greater than equal to 366 Days of Inventory Age
Inventory Age Value - 1-2 Years	Inventory Age Value between 366 to 730 Days of Inventory Age
Inventory Age Value - 2-3 Years	Inventory Age Value between 731 to 1095 Days of Inventory Age
Inventory Age Value - 3-5 Years	Inventory Age Value between 1096 to 1825 Days of Inventory Age
Inventory Age Value - 5+ Years	Inventory Age Value greater than or equal to 1826 Days of Inventory Age

Inventory - Inventory Balances

The fact folders in this subject area show the metrics details described in the table.

Metric	Metric Definition
Onhand Quantity	This metric shows inventory quantity for a given period in primary unit of measure.
Secondary Onhand Quantity	This metric shows inventory quantity for a given period in secondary unit of measure.
Reservable Onhand Quantity	This metric shows reservable Onhand inventory quantity calculated as difference between total reservable Onhand Quantity from all reservable subinventories and Reserved Quantity in primary unit of measure.
Current Onhand Quantity	This metric shows current inventory quantity in primary unit of measure.
Receiving Quantity	This metric shows the quantity received in the receiving Inventory organization but not putaway to the storage location.
Inbound Quantity	This metric shows Inbound quantities which includes Approved Purchase Orders, Advance Shipment Notice, Intransit shipment via Transfer Order, Intransit shipment via Interorganization Transfers, and Internal Requisitions.
In-Transit Quantity	This metric shows In-transit quantities which includes In-transit shipment via Transfer Orders and In-transit shipment via Inter-organization Transfers.
Consigned Quantity	This metric shows Consigned Inventory quantity which are received against consigned purchase orders or transfered to consigned explicitly.
Current Secondary Onhand Quantity	This metric shows current inventory quantity in secondary unit of measure.
Secondary Receiving Quantity	This metric shows the quantity received in secondary unit of measure in the receiving Inventory organization but not putaway to the storage location.
Secondary Consigned Quantity	This metric shows Consigned Inventory quantity in secondary unit of measure which are received against consigned purchase orders or transfered to consigned explicitly.
Historic Onhand Quantity	This metric shows Historic Inventory Balances for a given period in Primary Unit of Measure.
Historic Secondary Onhand Quantity	This metric shows Historic Inventory Balances for a given period in Secondary Unit of Measure.

Inventory - Inventory Receipts

The fact folders in this subject area show the metrics details described in the table.

Metric	Metric Definition
Receipt Headers Count	This metric is calculated as the count of distinct receipt headers.
Receipt Lines Count	This metric is calculated as the count of distinct receipt lines.
Order Count	This metric is calculated as the count of distinct orders.
Order Line Count	This metric is calculated as the count of distinct order lines.

Metric	Metric Definition
Received Lines On Time %	This metric is calculated as the count of lines received on time divided by the count of receipt lines.
Received Lines Late %	This metric is calculated as the count of lines received late divided by the count of receipt lines.
Received Lines Early %	This metric is calculated as the count of lines received early divided by the count of receipt lines.
Receipt Lines with Correction Count	This metric is calculated as the count of receipt lines with at least one correction transaction.
Receipt Lines with Correction %	This metric is calculated as the corrected receipt count divided by the receipt line count.
Receipt Lines Rejected Count	This metric is calculated as the count of receipt lines with the rejected quantity greater than zero.
Receipt Lines Rejected %	This metric is calculated as the rejected receipt count divided by the receipt lines count.
Receipt Lines Accepted Count	This metric is calculated as the count of receipt lines with the accepted quantity greater than zero.
Receipt Lines Accepted %	This metric is calculated as the accepted receipt count divided by the receipt lines count.
Receipt Lines Returned Count	This metric is calculated as the count of receipt lines with the returned quantity greater than zero.
Receipt Lines Returned %	This metric is calculated as the receipt returned count divided by the receipt lines count.
Received Quantity	This metric is calculated as the sum of received quantity in primary, secondary, and transaction UOM.
Accepted Quantity	This metric is calculated as the sum of accepted quantity in primary, secondary, and transaction UOM.
Delivered Quantity	This metric is calculated as the sum of delivered quantity in primary, secondary, and transaction UOM.
Rejected Quantity	This metric is calculated as the sum of rejected quantity in primary, secondary, and transaction UOM.
Returned Quantity	This metric is calculated as the sum of retuned quantity in primary, secondary, and transaction UOM.
Shipped Quantity	This metric is calculated as the sum of shipped quantity in primary, secondary, and transaction UOM.
Received Quantity	This metric is calculated as the sum of shipped quantity in primary, secondary, and transaction UOM.
Accepted Quantity	This metric is calculated as the sum of shipped quantity in primary, secondary, and transaction UOM.
Delivered Quantity	This metric is calculated as the sum of shipped quantity in primary, secondary, and transaction UOM.
Rejected Quantity	This metric is calculated as the sum of shipped quantity in primary, secondary, and transaction UOM.
Returned Quantity	This metric is calculated as the sum of shipped quantity in primary, secondary, and transaction UOM.
Shipped Quantity	This metric is calculated as the sum of shipped quantity in primary, secondary, and transaction UOM.
Receipt Headers Count	This metric is calculated as the count of distinct receipt headers.
Receipt Lines Count	This metric is calculated as the count of distinct receipt lines.
Order Count	This metric is calculated as the count of distinct orders.
Order Line Count	This metric is calculated as the count of distinct order lines.

Metric	Metric Definition
Received Lines On Time %	This metric is calculated as the count of lines received on time divided by the count of receipt lines.
Received Lines Late %	This metric is calculated as the count of lines received late divided by the count of receipt lines.
Received Lines Early %	This metric is calculated as the count of lines received early divided by the count of receipt lines.
Receipt Lines with Correction %	This metric is calculated as corrected receipt count divided by receipt line count.
Receipt Lines Rejected %	This metric is calculated as rejected receipt count divided by receipt lines count.
Receipt Lines Accepted %	This metric is calculated as accepted receipt count divided by receipt lines count.
Receipt Lines Returned %	This metric is calculated as receipt returned count divided by receipt lines count.
Receipt Lines with Correction Count	This metric is calculated as count of receipt lines with at least one correction transaction.
Receipt Lines Rejected Count	This metric is calculated as count of receipt lines with rejected quantity greater than zero.
Receipt Lines Accepted Count	This metric is calculated as count of receipt lines with accepted quantity greater than zero.
Receipt Lines Returned Count	This metric is calculated as count of receipt lines with returned quantity greater than zero.
Post Processing Time	This metric is calculated as average difference between deliver date and receipt date.
Processing Time	This metric is calculated as average difference between receipt date and Transfer Order creation date or PO approval date
Transportation Days	This metric is calculated as average difference between receipt header creation date and shipment date for advance shipment notice based receipts Applicable for ASN based shipment only.
ASN Receipts %	This metric is calculated as count of advanced shipment notice based receipts divided by count of receipt headers.
Receivng Efficiency	This metric helps to measure the receiving warehouse operator productivity.
Receiving Cycle Time	This metric is calculated as average difference between deliver date and receipt date
Consumed Quantity	This metric is calculated as sum of consumed quantity.
Purchase Order Schedule Count	Count of distinct purchase order schedule.
Received Amount for Fixed Services	This metric is the received amount for fixed services in analytics and document currency.
Received Amount for Fixed Services	This metric is the received amount for fixed services in document currency.
Returned Quantity Percentage	This metric is computed as Returned Quantity by Received Quantity in percentage.

Inventory - Inventory Transactions

The fact folders in this subject area show the metrics details described in the table.

Metric	Metric Definition
Issue Quantity	This metric is calculated as sum of issue quantity based on primary unit of measure.
Receipt Quantity	This metric is calculated as sum of receipt quantity based on primary unit of measure.
Primary Quantity	This metric is calculated as sum of primary quantity.
Secondary Quantity	This metric is calculated as sum of secondary quantity.
Transaction Quantity	This metric is calculated as sum of transaction quantity.
Consignment Received Quantity	This metric is calculated as sum of consignment received quantity.
Consignment Transferred Quantity	This metric is calculated as sum of consignment transferred quantity.

Inventory - Inventory Turns (Preview)

The fact folder in this subject area shows the metrics details below.

Metric	Metric Definition
Inventory Onhand Quantity	This metric shows current inventory quantity in primary unit of measure.
Inventory Turns	This metric is calculated as below Inventory Turns is equal to Total COGS for the year or Time Period divided by ((Cumulative Average Cost i.e Sum Onhand Value for the Time Period divided by Sum Onhand Quantities for the Time Period) multiplied by Onhand Quantity At the End of Time Period)
Inventory Turns - Period End Cost	This metric is calculated as below Inventory Turns - Period End Cost is equal to Total COGS for the Time Period divided by Inventory Value at the end of Time Period
Inventory Turns - Average Cost	This metric is calculated as below Inventory Turns - Average Cost is equal to Total COGS for the Time Period divided by(Average Cost of Beginning and End Of Time Period multiplied by Onhand Quantity At the End of Time Period)
Days in Inventory	This metric is calculated as below Days in Inventory is equal to [(Average Cost of Beginning and End Of Time Period multiplied by Onhand Quantity At the End of Time Period) divided by Total Cost of Goods Sold] multiplied by Number of Days for the selected time period
Sales Quantity	This metric is Sales Quantity in primary UOM.
Fast Moving Quantity	Items are classified as 'Fast Moving' based on the 'Cumulative Annual Usage % ' Reporting configuration parameter. Example: If Cumulative annual usage value(%) is between 0 to 90% , classify the item as Fast (F).
Slow Moving Quantity	Items are classified as 'Slow Moving' based on the 'Cumulative Annual Usage % ' Reporting configuration parameter. Example: If Cumulative annual usage value(%) is between 90 to 97% , classify the item as Slow (S)
Non Moving Quantity	Items are classified as 'Non Moving' based on the 'Cumulative Annual Usage % ' Reporting configuration parameter. Example: If Cumulative annual usage value(%) is between 97 to 100% , classify the item as Non-moving (N).
Excess Quantity	Excess Quantity is the difference between Current Onhand Quantity and Sales Quantity for an year (or given period)

Metric	Metric Definition
Obsolete Quantity	Obsolete inventory is the excess/dead inventory which could have reached the end of its life cycle. Obsolete Quantity shows the Current Onhand Quantity for items where the Sales Quantity for an year (or given period) is equal to 0
Unit Cost	Unit cost in primary UOM.
Fast Moving Value	This metric is calculated as below Fast Moving Value is equal to Fast Moving Quantity multiplied by Unit Cost
Slow Moving Value	This metric is calculated as below Slow Moving Value is equal to Slow Moving Quantity multiplied by Unit Cost
Non Moving Value	This metric is calculated as below Non Moving Value is equal to Non Moving Quantity multiplied by Unit Cost
Excess Value	This metric is calculated as below Excess Value is equal to Excess Quantity multiplied by Unit Cost
Obsolete Value	This metric is calculated as below Obsolete Value is equal to Obsolete Quantity multiplied by Unit Cost
Cost of Goods Sold	Aggregated value of Cost of Goods Sold.
Sales Value	Sales value in global currency and primary UOM.
Annual Usage %	This metric is calculated as below Annual Usage % is equal to Sales value of the Item divided by Total Sales Value multiplied by 100
Cumulative Annual Usage %	Cumulative Annual Usage Percentage.
Current Inventory Onhand Value	This metric is calculated as Current Onhand Quantity multiplied by latest Unit Cost for an Item.

Inventory - Picking and Shipping

The fact folders in this subject area show the metrics details described in the table.

Metric	Metric Definition
Requested Quantity	This metric is calculated as the sum of Requested Quantity for picking in transaction, primary and secondary UOM.
Picked Quantity	This metric is calculated as the sum of Picked Quantity in transaction, primary and secondary UOM.
On Time Picked Lines	This metric is the count of Shipment Lines which are Picked on time and is calculated with below logic: 1. If Scheduled Ship Date is lesser than Movement Request Creation Date, then Picked Date minus Movement Request Creation Date should be less than one day. 2. If Scheduled Ship Date is greater than or equal to Movement Request Creation Date, then Picked Date minus Scheduled Ship Date should be less than one day.
Late Picked Lines	This metric is the count of Shipment Lines which are Picked Late and is calculated with below logic: 1. If Scheduled Ship Date is lesser than Movement Request Creation Date, then Picked Date minus Movement Request Creation Date should be greater than or equal to one day. 2. If Scheduled Ship Date is greater than or equal to Movement Request Creation Date, then Picked Date minus Scheduled Ship Date should be greater than or equal to one day.
Staged Quantity	This metric is calculated as the sum of Staged Quantity for all the Shipment Lines where Line Status is equal to Staged in transaction, primary, and secondary UOM.

Metric	Metric Definition
Shipped Quantity	This metric is calculated as the sum of Shipped quantity for all the Shipment Lines where Line Status is equal to Interfaced and Shipped in transaction, primary, and secondary UOM.
Shipped Early Quantity	This metric is calculated as the sum of Shipped Quantity for all the Shipment Lines where Actual Ship Date is less than Scheduled Ship Date in transaction, primary, and secondary UOM.
Shipped Late Quantity	This metric is calculated as the sum of Shipped Quantity for all the Shipment Lines where Actual Ship Date is greater than Scheduled Ship Date in transaction, primary, and secondary UOM.
Back Ordered Quantity	This metric is calculated as the sum of Requested Quantity for all the Shipment Lines where Line Status is equal to Backordered in transaction, primary, and secondary UOM.
Canceled Quantity	This metric is calculated as the sum of Canceled Quantity in transaction, primary, and secondary UOM.
Release to Ship Cycle Days	This metric is calculated as Actual Ship Date minus Movement Request Creation Date.
Orders Picked Not Shipped	This metric is calculated as the count of all the Orders where the Shipment Line status is equal to Staged (even if one Shipment Line in an Order is in Staged status).
Shipment Lines Picked Not Shipped	This metric is calculated as the count of Shipment Lines where the Shipment Line status is equal to Staged.
Volume	This metric shows Volume of the Shipment.
Gross Weight	This metric shows Gross Weight of the Shipment.
Net Weight	This metric shows Net Weight of the Shipment.
Closed Shipments	This metric is calculated as the count of Shipment Lines with Line Status is equal to Interfaced and Shipped.
Open Shipments	This metric is calculated as the count of Shipment Lines with Line Status is equal to Not Shipped.
Number of Shipments Ready-to-Ship	This metric is calculated as the count of Shipment Lines with Line Status is equal to Staged and Shipment Number is not NULL.
On Time Shipments	This metric is calculated as the count of Shipment Lines with Line Status is equal to Interfaced, Shipped and Actual Ship Date is less than or equal to Schedule Ship Date.
Late Shipments	This metric is calculated as the count of Shipment Lines with Line Status is equal to Interfaced, Shipped and Actual Ship Date is greater than Schedule Ship Date.
Shipments Past Due	This metric is calculated as the count of Shipment Lines with Line Status is equal to Staged and Schedule Ship Date is less than Current Date.
Shipment Due Today and Next Day	This metric is calculated as the count of Shipment Lines with Line Status is equal to Staged and Schedule Ship Date is equal to Current Date OR (Current Date + 1).
Lines Assigned to Shipment	This metric is calculated as the count of Shipment lines associated with a Shipment.
Total Shipments	This metric is computed as sum of Open Shipments and Closed Shipments.
Closed Shipments Percentage	This metric is computed as Closed Shipments by Total shipments expressed in percentage.

Metric	Metric Definition
Open Shipments Percentage	This metric is computed as Open Shipments by Total shipments expressed in percentage.
On Time Shipments Percentage	This metric is computed as On Time Shipments by Closed Shipments expressed in percentage.
Late Shipments Percentage	This metric is computed as Late Shipments by Closed shipments expressed in percentage.
Shipments Past Due Percentage	This metric is computed as Shipments past due by Open Shipments expressed in percentage.
Picking Cycle Time	This metric is computed as average of Picked Date minus Pick Wave creation date.
Ship Cycle Time	This metric is computed as average of Actual Ship Date minus Picked date.
Total Picked Lines	This metric is computed as sum of On Time Picked Lines and Late Picked Lines.
On Time Picking Percentage	This metric is computed as On Time Picked Lines by Total Picked Lines expressed in percentage.
Shipping Cost	This metric shows Global shipping cost for each shipping cost type.
Total Shipping Cost	This metric shows Total Shipping Cost is the aggregated amount of all the User defined Shipping cost types of all categories.
Shipment Level Shipping Cost	This metric shows Global shipping cost for each shipping cost type at shipment level.
Shipment Level Total Shipping Cost	This metric shows Total Shipping Cost is the aggregated amount of all the User defined Shipping cost types of all categories at shipment level.
Packing Unit Level Shipping Cost	This metric shows Global shipping cost for each shipping cost type at Packing Unit level.
Packing Unit Level Total Shipping Cost	This metric shows Total Shipping Cost is the aggregated amount of all the User defined Shipping cost types of all categories at Packing Unit level.

Inventory - Transfer Orders

These metrics will be used in the Analytics Currency (AC) and Document Currency (DC) fact folder for the Subject Area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Transfer Order Creation Date to convert to the analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Transfer Order Amount	This metric is the calculated value of Transfer Order amount.
Total Tax	This metric is the calculated value of Total Tax on Transfer Orders.
Total Transfer Order Amount	This metric is the calculated value of Transfer Order amount inclusive of total tax.
Unit Price	This is the unit price on Transfer Order Lines.
Lines Amount	This metric is the calculated value of Transfer Order Lines amount.
Lines Tax	This metric is the calculated value of Transfer Orders Lines tax.

Metric	Metric Definition
Total Lines Amount	This metric is calculated as the total line amount inclusive of all tax for the Requested Quantity.
Shipped Lines Amount	This metric is calculated as the total line amount inclusive of all tax for the Shipped Quantity.
Received Lines Amount	This metric is calculated as the total line amount inclusive of all tax for the Received Quantity.
Delivered Lines Amount	This metric is calculated as the total line amount inclusive of all tax for the Delivered Quantity.
Transfer Orders Count	This metric is calculated as the count of distinct Transfer Order Headers.
Transfer Order Lines Count	This metric is calculated as the count of distinct Transfer Order Lines.
Open Transfer Orders Count	This metric is calculated as the count of distinct Transfer Orders where the Transfer Order Status is Open.
Open Transfer Order Lines Count	This metric is calculated as the count of all Transfer Order Lines where the Transfer Order Line Status is Open.
Return Transfer Order Lines Count	This metric is calculated as the count of Return Transfer Order Lines where the Transfer Order Line Status is Open and the Transaction Origin type is Return.
Closed Transfer Order Lines Count	This metric is calculated as the count of all Transfer Order Lines where the Transfer Order Line Status is Closed.
Cancelled Transfer Order Lines Count	This metric is calculated as the count of all Transfer Order Lines where the Transfer Order Line Status is Cancelled.
Ordered Quantity	This metric is calculated as the sum of Requested Quantity in primary and secondary UOM.
Return Transfer Order Delivered Quantity	This metric is calculated as the sum of Delivered Quantity where Transaction Origin type is Return in primary and secondary UOM.
Cancelled Quantity	This metric is calculated as the sum of Cancelled Quantity in primary and secondary UOM.
Shipped Quantity	This metric is calculated as the sum of Shipped Quantity in primary and secondary UOM.
Received Quantity	This metric is calculated as the sum of Received Quantity in primary and secondary UOM.
Delivered Quantity	This metric is calculated as the sum of Delivered Quantity in primary and secondary UOM.

Manufacturing

This section provides information about Oracle Fusion SCM Analytics Manufacturing subject area metric details.

Topics

- Manufacturing - Maintenance Operation Transactions
- Manufacturing - Maintenance Resources
- Manufacturing - Maintenance Work Orders
- Manufacturing - Manufacturing Materials
- Manufacturing - Manufacturing Operation Transactions
- Manufacturing - Manufacturing Resources

- Manufacturing - Manufacturing Work Orders

Manufacturing - Maintenance Operation Transactions

The fact folders in this subject area shows the metrics details below.

Metric	Metric Definition
Transaction Quantity in Transaction UOM	Represents the transaction quantity in transaction UOM.
Transaction Quantity in Primary UOM	Represents the transaction quantity in primary UOM.

Manufacturing - Maintenance Resources

The fact folders in this subject area shows the metrics details below.

Metric	Metric Definition
Planned Quantity Usage	Represents the planned usage of the resource that is required to perform the operation in the work order.
Actual Quantity Usage	Represents the actual usage of the resource or resource instance that was transacted to perform the operation in the work order.
Usage Quantity Variance	Represents the difference between the planned usage and actual usage of a resource.
Usage Quantity Variance %	Represents the usage quantity variance over the planned usage as a percentage value.
Resource Time Planned Hours	Represents the planned usage of the resource that is required to perform the operation in the work order in Hours.
Resource Time Charged Hours	Represents the actual usage of the resource or resource instance that was transacted to perform the operation in the work order in Hours.
Resources Count	Represents the distinct count of Equipment resources from the Work Order Resources Fact.
Labor Count	Represents the distinct count of Labor resources from the Work Order Resources Fact.

Manufacturing - Maintenance Work Orders

The fact folders in this subject area shows the metrics details below.

Metric	Metric Definition
Average Work Order Delay	This metric represents the number of days where the work orders are delayed upon completion of the Work order. The delay is computed only for Closed and Completed work orders.
Closed Work Orders Count	This metric represents the count of work orders that are in Closed status.
Completed Quantity	This metric represents the quantity completed in a work order execution at an operation level.
Completed Work Orders Count	This metric represents the count of work orders that are in Completed status.
On Hold Work Orders Count	This metric represents the count of work orders that are in On Hold status.

Metric	Metric Definition
On-time Work Orders Count	This metric represents the count of work orders completed on-time in a given time period.
Pending Work Orders Count	This metric represents the count of work orders pending completion or not yet started.
Ready Quantity	This metric represents the quantities in Ready state in work order operations.
Released Work Orders Count	This metric represents the count of work orders that are in Released status.
Total Work Orders Count	This metric represents the count of total count of work orders.
Unreleased Work Orders Count	This metric represents the count of work orders that are in Unreleased status.
Work Order Age	This metric represents the count of work orders that are in Unreleased, Released, or On Hold statuses whose difference between the past due start date and the current date.

Manufacturing - Manufacturing Materials

The fact folders in this subject area shows the metrics details below.

Metric	Metric Definition
Actual Usage Quantity	This metric represents the actual usage of the materials consumed in a work order operation. It represents the difference between issued and returned quantities.
Allocated Quantity	This metric represents the Quantity Allocated of the Material item.
Available Quantity	This metric represents the Available on-hand quantity of the Material item.
Component Shortage	This metric represents the Component Shortage of the Material item.
Expected Production Quantity	This metric represents how much Production quantity can be produced since there is a shortage of components. This is computed at Work Order Material Level.
Expected Required Quantity	This metric represents the quantity of material item that is required to perform the operation in the work order. This is the required quantity used in Component Shortage Computation.
Expected Supplies	This metric represents the expected supplies of materials against various supplies in case of shortages. The documents include purchase requisitions, purchase orders, interorganization transfers, transfer orders, and work orders.
Material Issued Quantity	This metric represents the issued quantity in transaction UOM or Primary UOM for material item.
Material Negative Issued Quantity	This metric represents the negative issued quantity in transaction UOM or Primary UOM for material item.
Material Negative Returned Quantity	This metric represents the negative returned quantity in transaction UOM or Primary UOM for material item.
Material Returned Quantity	This metric represents the returned quantity in transaction UOM or Primary UOM for material item.
Open Quantity	This metric represents the open quantity that is yet to be issued to the work order operation, which is the difference between required and actual quantities.

Metric	Metric Definition
Operation Material Substitutes Count	This metric represents the number of substitute items for the work order operations.
Picked Quantity	This metric represents the Quantity Picked of the Material item.
Projected Available Balance	This metric represents the Projected Available Balance of the Material item.
Required Quantity	This metric represents the quantity of material item that is required to perform the operation in the work order.
Reserved Quantity	This metric represents the Quantity Reserved of the Material item.
Shortage Open Quantity	This metric represents the Open Quantity that is used in the Component Shortage Computation.
Work orders with Unplanned materials Count	This metric represents the number of work orders with unplanned materials in work order or during work execution.

Manufacturing - Manufacturing Operation Transactions

The fact folders in this subject area shows the metrics details below.

Metric	Metric Definition
Primary Output Quantity	This metric represents the primary output quantity expected to be completed in a process manufacturing work order.
Expected Output Quantity	This metric represents the expected output quantity of the primary output item, co-product item or by-product item in a process manufacturing work order, or the expected product quantity in a discrete manufacturing work order.
Actual Output Quantity	This metric represents the actual quantities of output items yielded in a process manufacturing work order, or the actual production yielded in a discrete manufacturing work order.
Open Quantity	This metric represents the difference between expected output quantity and the actual output quantity.
Transaction Quantity in Transaction UOM	This metric represents the completed quantity in transaction UOM for output items yielded in a process manufacturing work order or the completed quantity in transaction UOM for the product item of a discrete manufacturing work order.
Transaction Quantity in Primary UOM	This metric represents the completed quantity in primary UOM for output items yielded in a process manufacturing work order or the completed quantity in primary UOM for the product item of a discrete manufacturing work order.

Manufacturing - Manufacturing Resources

The fact folders in this subject area shows the metrics details below.

Metric	Metric Definition
Resources Count	This metric represents the distinct count of Equipment resources from the Work Order Resources Fact.
Labor Count	This metric represents the distinct count of Labor resources from the Work Order Resources Fact.
Planned Quantity Usage	This metric represents the planned usage of the resource that is required to perform the operation in the work order.

Metric	Metric Definition
Actual Quantity Usage	This metric represents the actual usage of the resource or resource instance that was transacted to perform the operation in the work order.
Usage Quantity Variance	This metric represents the difference between the planned usage and actual usage of a resource.
Usage Quantity Variance %	This metric represents the usage quantity variance over the planned usage as a percentage value.
Resource Time Planned in Hours	This metric represents the planned usage of the resource that is required to perform the operation in the work order in Hours.
Resource Time Charged in Hours	This metric represents the actual usage of the resource or resource instance that was transacted to perform the operation in the work order in Hours.

Manufacturing - Manufacturing Work Orders

The fact folders in this subject area show the metrics details described in the table.

Metric	Metric Definition
On Hold Work Orders Count	This metric represents the count of work orders that are in On Hold status.
Unreleased Work Orders Count	This metric represents the count of work orders that are in Unreleased status.
Released Work Orders Count	This metric represents the count of work orders that are in Released status.
Completed Work Orders Count	This metric represents the count of work orders that are in Completed status.
Closed Work Orders Count	This metric represents the count of work orders that are in Closed status.
Rework Orders Count	This metric represents the count of work orders whose type is Rework.
Transform Work Orders Count	This metric represents the count of work orders whose type is Transform.
On-time Work Orders Count	This metric represents the count of work orders completed on-time in a given time period.
Average Work Order Delay	This metric represents the number of days where the work orders are delayed upon completion of the Work order.The delay is computed only for Closed and Completed work orders.
WO Start Quantity	This metric represents the work order quantity of a discrete manufacturing work order.
WO Completed Quantity	This metric represents the quantity completed in a work order execution.
WO Scrapped Quantity	This metric represents the quantity scrapped in a work order execution.
WO Rejected Quantity	This metric represents the quantity rejected in a work order execution.
On Hold Quantity	This metric represents the sum of quantities in work orders that are in On Hold status.
Unreleased Quantity	This metric represents the sum of quantities in work orders that are in Unreleased status.

Metric	Metric Definition
Overcompletion Quantity	This metric represents the difference between the actual completed quantity and planned work order start quantity; when the completed quantity is greater than the work order start quantity.
Ready Quantity	This metric represents the quantities in Ready state in work order operations.
Completed Quantity	This metric represents the quantity completed in a work order execution at an operation level.
Scrapped Quantity	This metric represents the quantity scrapped in a work order execution at an operation level.
Rejected Quantity	This metric represents the quantity rejected in a work order execution at an operation level.
Manufacturing Lead Time Variance	This metric shows the variation in lead times between the manufacturing lead time and WO lead time.
WO Scrapped Quantity %	This metric represents the percentage of scrapped quantity at the work order level.
WO Rejected Quantity %	This metric represents the percentage of rejected quantity at the work order level.
WO Rework Quantity %	This metric represents the percentage of rejected quantities when compared to the completed quantities.
Work Orders Reworked %	This metric represents the percentage of work orders which has rework operations.
WO Yield %	Percentage of actual production reported when compared to the expected production at the work order level.
Planned Production Attainment	Production attainment tracks how closely the manufacturing plant is producing quantities with respect to the planned production.
Pending Work Orders Count	Number of work orders pending completion or not yet started.
Operation Yield %	Percentage of actual production reported for an operation when compared to the expected production for an operation. The operation yield is computed only for Released, Closed and Completed work orders.
WO Canceled Quantity	This metric represents the sum of quantities in work orders that are in canceled status.
Undercompletion Quantity	This metric represents the difference of Planned Start quantity and Completed quantity when the completed quantity is lesser than the planned start quantity and Undercompleted flag is enabled.
Total Work Orders Count	This metric represents the count of total count of work orders.
Perfect Work Orders Count	This metric represents the count of total count of perfect work orders.
Work Order Age	This metric represents the count of work orders that are in Unreleased, Released, or On Hold statuses whose difference between the past due start date and the current date.
Manufacturing Lead Time	This metric represents the difference of the Actual completion date and the Released date for Closed and Completed Work Orders.
WO Yield Quantity Variance	This metric represents the Quantity of products actually completed when compared to the expected production from a work order.

Metric	Metric Definition
Behind Plan Percentage	This metric represents the percentage of products that are behind plan and this is a real time metric and historical metric.
Operation Yield Quantity Variance	This metric represents the Quantity of products actually completed when compared to the expected production from a work order and this is computed at operation level.
First Pass Yield	This metric represents the number of good units produced in an Operation for the first time divided by the number of total units going into the production process.
First Pass Yield Quantity Variance	This metric represents the Quantity of products actually completed when compared to the expected production from a work order for the first time and this is computed at operation level.
Throughput	This metric represents the rate of production or the speed at which products move in the shop floor.
Performance Ratio	This metric represents the Actual rate of production compared to the idle rate of production.
Manufacturing Effectiveness	This metric represents how well a manufacturing operation is utilized compared to its full potential, during a time period. This metric is a product of First Pass Yield and Performance Ratio.
Completed and Closed Work Orders Count	This metric represents the count of work orders that are in Completed and Closed status.
Perfect Work Order %	Represents the percentage of Perfect work orders against the total work orders.
On Time %	Represents the percentage of On-time work orders against the total work orders.
Plan Adherence	Represents the ratio of the work orders which are adhering to the plan and this is a real time metric and historical metric.

Order Management

This section provides information about Oracle Fusion SCM Analytics Order Management subject area metric details.

Topics

- Order Management - Draft Sales Orders (Preview)
- Order Management - Draft Sales Orders Holds (Preview)
- Order Management - Sales Orders
- Order Management - Sales Orders Holds

Order Management - Draft Sales Orders (Preview)

The fact folder in this subject area shows the metrics details below.

Metric	Metric Definition
Quantity Ordered	This metric is calculated as sum of ordered quantity from lines and shows quantity in primary and transaction UOM.
Returned Quantity	This metric is calculated as sum of returned quantity from lines and shows quantity in primary and transaction UOM.

Metric	Metric Definition
Order List Price Amount	This metric shows order total list price amount.
Order Discount Amount	This metric shows order total discount amount.
Order Net Price Amount	This metric shows order total net price amount.
Order Shipping Amount	This metric shows order total shipping amount.
Order Tax Amount	This metric shows order total tax amount.
Order Credit Amount	This metric shows order total credit amount.
Charge Unit Price	This shows price for one unit of the item in header currency.
Charge Extended Amount	This metric is calculated as Charge Unit Price multiplied by Ordered Quantity in header currency.
Charge Unit Selling Price	This metric is calculated as Charge Unit Price filtered by Price Element Usage as Net Price.
Orders Count	This metric shows Count of distinct sales orders.
Lines Count	This metric shows Count of fulfillment lines with line category of order.
Return Lines Count	This metric shows Count of fulfillment lines with line category of return.
Charge Unit Selling Price (Primary UOM)	This metric is calculated as Charge Unit Price in primary UOM filtered by Price Element Usage as Net Price.
Count of Orders in Draft Status	This metric shows Count of Orders in Draft Status.
Count of Orders in Pending Approval Status	This metric shows Count of Orders in Pending Approval Status.
Count of Orders in Credit Review Pending Status	This metric shows Count of Orders in Credit Review Pending Status.

Order Management - Draft Sales Orders Holds (Preview)

The fact folder in this subject area shows the metrics details below..

Metric	Metric Definition
Fulfillment Lines on Holds Count	This metric is calculated as count of fulfillment lines on hold, considering holds only at fulfillment lines (any order header or line level hold is considered for fulfillment line as well.
Draft Sales Orders Count on Hold	This metric shows Count of distinct Sales order headers where Orders are on hold and the Order status is Draft.

Order Management - Sales Orders

These metrics will be used in the Analytics Currency (AC) and Document Currency (DC) fact folder in the Subject Area. Analytics Currency and Exchange Rate Type are configured when the product is set up. Exchange Rate date basis uses Ordered Date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Billed Lines Amount	This metric is calculated as lines billing amount for line category as order.
Cancelled Lines Amount	This metric is calculated as amount for lines which are cancelled.
Cancelled Quantity	This metric is calculated as sum of cancelled quantity from lines and shows quantity in primary and transaction UOM.

Metric	Metric Definition
Charge Extended Amount	This metric is calculated as Charge Unit Price multiplied by Ordered Quantity in header currency.
Charge Unit Price	This shows price for one unit of the item in header currency.
Charge Unit Selling Price	This metric is calculated as Charge Unit Price filtered by Price Element Usage as Net Price.
Charge Unit Selling Price (Primary UOM)	This metric is calculated as: Charge Unit Price in primary UOM filtered by Price Element Usage as Net Price.
Closed Orders Count	Count of distinct order headers where orders are closed.
Delayed Scheduled Lines	This metric is calculated as average of difference between schedule ship date and requested ship date.
Extended Cost	This metric is calculated as sum of ordered quantity in primary UOM multiplied by unit cost.
Extended Selling Price	This metric is calculated as sum of ordered quantity in primary UOM multiplied by unit selling price.
Fulfilled Quantity	This metric is calculated as sum of fulfilled quantity from lines and shows quantity in primary and transaction UOM.
Late Shipped Lines Amount	This metric is calculated as amount for lines which are not shipped on time.
Lines Amount	This metric is calculated as lines amount for line category as order.
Lines Count	Count of fulfillment lines with line category of order.
Lines On Holds Open Amount	This metric is calculated as lines amount for sales orders which are on hold and fulfilment lines are open.
Lines Shipped in Full %	This metric is calculated as lines shipped in full divided by count of lines shipped.
Lines Shipped in Full Count	This metric is calculated as count of lines shipped in full where line is not split.
On Time Shipment Lines %	This metric is calculated as count of lines shipped on time divided by count of shipped lines.
On Time Shipment Lines % - Requested Delivery Date Based On	This metric is calculated as count of lines shipped on time based on requested delivery date divided by count of shipped lines.
On Time Shipment Lines Amount	This metric is calculated as amount for lines which are shipped on time.
On Time Shipment Lines Count	This metric is calculated as count of lines which are shipped on time.
On Time Shipment Lines Count - Requested Delivery Date Based On	This metric is calculated as count of lines which are shipped on time based on requested delivery date.
Open Lines Amount	This metric is calculated as lines amount for line category as order for open sales orders.
Open Lines Count	Count of fulfillment lines with line category of order and lines are open.
Open Lines Quantity	Count of fulfillment lines quantity with line category of order and line are open.
Open Orders Count	Count of distinct order headers where orders are open.
Order Credit Amount	This metric shows order total credit amount.
Order Discount Amount	This metric shows order total discount amount.
Order Fill Rate	This metric is calculated as the count of completely Fulfilled Sales Orders divided by the total number of submitted Sales Orders

Metric	Metric Definition
Order Line Fill Rate	This metric is calculated as the count of completely Fulfilled Order Lines divided by the total number of Order Fulfillment Lines
Order List Price Amount	This metric shows order total list price amount.
Order Net Price Amount	This metric shows order total net price amount.
Orders Count	Count of distinct sales orders.
Order Shipping Amount	This metric shows order total shipping amount.
Orders Shipped in Full %	This metric is calculated as count of shipped in full orders divided by count of closed orders.
Orders Shipped in Full Count	This metric is calculated as orders which are closed and have all shipped line as shipped in full.
Order Tax Amount	This metric shows order total tax amount.
Order To Shipment Lines Cycle Times	This metric is calculated as average of difference between actual ship date and submitted date.
Past Due Lines Amount	This metric is calculated as amount for lines where scheduled ship date is less than system date and lines are not shipped and for line category as order.
Perfect Order %	This metric is calculated as count of perfect orders divided by count of closed orders.
Perfect Order Count	This metric is calculated as orders which are closed and have all shipped line as perfect order line.
Perfect Order Lines %	This metric is calculated as perfect order lines divided by lines which are shipped.
Perfect Order Lines Amount	This metric is calculated as amount for lines which are perfect order lines.
Perfect Order Lines Amount %	This metric shows Perfect Order Line Amount percentage of the overall Sale Order Fulfilment Line Amount for a given period.
Perfect Order Lines Count	This metric is calculated as count of lines with line category as order, lines are shipped and meet the following conditions: Scheduled ship date is greater than or equal to actual ship date; Line is shipped in full; Line does not have a return order referenced.
Projected Gross Margin	This metric is calculated as difference between extended selling price and extended cost.
Quantity Ordered	This metric is calculated as sum of ordered quantity from lines and shows quantity in primary and transaction UOM.
Received Return Lines Count	This metric is calculated as count of return order lines where material is received.
Reserved Quantity	This metric is calculated as sum of reserved quantity from lines and shows quantity in primary and transaction UOM.
Returned Quantity	This metric is calculated as sum of returned quantity from lines and shows quantity in primary and transaction UOM.
Return Lines Amount	This metric is calculated as lines amount for line category as return.
Return Lines Closed Amount	This metric is calculated as lines amount for line category as return for closed sales orders.
Return Lines Count	Count of fulfillment lines with line category of return.
Return Lines Open Amount	This metric is calculated as lines amount for line category as return for open sales orders.

Metric	Metric Definition
RMA Delivered Quantity	This metric is calculated as sum of RMA delivered quantity from lines and shows quantity in primary and transaction UOM.
Shipped Lines Amount	This metric is calculated as amount for lines which are shipped.
Shipped Lines Count	Count of shipped order lines.
Shipped Quantity	This metric is calculated as sum of shipped quantity from lines and shows quantity in primary and transaction UOM.
Unit Cost	This metric shows average unit cost at inventory organization level in primary UOM.
Unit List Price	This metric is calculated as average of unit list price.
Unit Selling Price	This metric is calculated as average of unit selling price.

Order Management - Sales Orders Holds

The fact folders in this subject area show the metrics details described in the table.

Metric	Metric Definition
Fulfillment Lines on Holds Count	This metric is calculated as count of fulfillment lines on hold, considering holds only at fulfillment lines (any order header or line level hold is considered for fulfillment line as well).
Average Hold Time	This metric is calculated as average of difference between hold released date and hold applied date.
Open Orders Count	Count of distinct order headers where orders are open.

Procurement

This section provides information about Oracle Fusion SCM Analytics Procurement subject area metric details.

Topics

- Procurement - Supplier Registration

Procurement - Accrual Balances at Period End (Preview)

These metrics are used in the Analytics Currency (AC) and Ledger Currency fact folder in the Subject Area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Period End Date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Accrued Amount	This metric shows Amount Accrued due to receiving.
Accrued Quantity	This metric shows Accrued Quantity in Primary Unit of Measure.
Invoiced Amount	This metric shows Amount Invoiced in payables.
Invoiced Quantity	This metric shows Invoiced Quantity in Primary Unit of Measure.
Uninvoiced Quantity	This metric shows Net Accrued Amount in Primary Unit of Measure.
Uninvoiced Receipt Accruals	This metric shows Net Accrual Amount to be Invoiced.

Procurement - Accrual Balances at Receipt (Preview)

These metrics are used in the Analytics Currency (AC) and Ledger Currency fact folder in the Subject Area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Event Date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Accrued Amount	This metric shows Amount Accrued due to receiving.
Accrued Quantity	This metric shows Accrued Quantity in Primary Unit of Measure.
Invoiced Amount	This metric shows Amount Invoiced in payables.
Invoiced Quantity	This metric shows Invoiced Quantity in Primary Unit of Measure.
Open Accrual Balance	This metric shows Net Accrual Amount to be Invoiced.

Procurement - Agreements

These metrics are used in the Analytics Currency (AC) and Document Currency (DC) fact folder in the Subject Area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Purchase Order Agreement Submitted Date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Agreement Approval Cycle Time	This metric is calculated as average difference between agreement approval date for version zero and creation date.
Agreement Header Count	This metric shows Count of distinct agreement headers.
Agreement Line Primary Quantity	This metric is calculated as sum of agreement line quantity in primary UOM.

Metric	Metric Definition
Agreement Line Quantity	This metric is calculated as sum of agreement line quantity in primary and transaction UOM.
Agreement Lines Count	This metric shows Count of distinct blanket agreement lines.
Amendments Count	This metric is calculated as average amendments done for an agreement.
Approvers Count	This metric is calculated as average approvers for version zero of an agreement.
Average Number of Revisions	This metric is calculated as average of agreement versions.
Average Unit Price	This metric shows Average of unit price at lines.
Average Unit Price (Primary UOM)	Average of unit price at lines in primary UOM.
Buyers Count	Count of distinct buyers.
Count by Release 0 - 20%	Count of Agreement Header that release % is under 20%
Count by Release 20% - 40%	Count of Agreement Header that release % is between 20% and 40%
Count by Release 40% - 60%	Count of Agreement Header that release % is between 40% and 60%
Count by Release 60% - 80%	Count of Agreement Header that release % is between 60% and 80%
Count by Release 80% - 100%	Count of Agreement Header that release % is between 80% and 100%
Count by Release Over 100%	Count of Agreement Header that release % is over 100%
Count Expired in Next 7 Days	Count of Agreement Header which will expire in the next 7 days
Count Expired in Next 8 - 30 Days	Count of Agreement Header which will expire in the next 8 days to 30 days
Expired Header Released %	This metric is calculated as header released amount divided by header agreed amount where agreement amount is not null and considering headers are expired.
Expired Line Released %	This metric is calculated as line released amount divided by line agreed amount where agreement amount is not null and considering lines which are expired.
Header Agreed Amount	This metric is calculated as sum of header agreed amount.
Header Expiring Days	This metric is calculated as average difference between end date and system date where agreement header end date is not null.
Header Released %	This metric is calculated as total agreement released amount divided by agreement amount.
Header Released Amount	This metric is calculated as sum of header released amount.
Internal Amendments Count	This metric is calculated as average number of internal amendments for an agreement.
Item Count	This metric shows Count of distinct items.
Line Agreed Amount	This metric is calculated as sum of line agreed amount.
Line Expiring Days	This metric is calculated as average difference between expiration date and system date where either of agreement lines expiration date is not null or header end date is not null.
Line Released Amount	This metric is calculated as sum of line released amount.
Line Released Amount %	This metric is calculated as sum of line released amount divided by line agreed amount.
Negotiation to Agreement Approval Cycle Time	This metric is calculated as average difference between agreement approval date for version zero and negotiation line creation date.

Metric	Metric Definition
Remaining Header Amount	This metric is calculated as header agreed amount minus header released amount where agreement amount is not null and agreed amount is greater than released amount.
Remaining Header Amount %	This metric is calculated as remaining header amount divided by total header agreed amount.
Remaining Line Amount	This metric is calculated as sum of agreed line amount minus sum of line released amount where agreement line agreed amount is not null and agreed amount is greater than released amount.
Remaining Line Amount %	This metric is calculated as sum of remaining line amount divided by sum of agreed amount.
Supplier Amendments Count	This metric is calculated as average number of supplier initiated amendments for an agreement.
Supplier Count	This metric shows Count of distinct suppliers.
Supplier Site Count	Count of distinct supplier sites.

Procurement - Agreement Change Orders (Preview)

The fact folders in this subject area shows the metrics details below.

Metric	Metric Definition
Agreement Amount Changed	Shows the difference between the agreement amount between change orders at agreement level.
Count of Change Orders	Shows the Average count of change order per agreement.

Procurement - Enterprise Contracts - Contracts (Preview)

These metrics are used in the Analytics Currency (AC) and Document Currency (DC) fact folder in the subject area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Contract Creation Date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Contract Amount	This metric is calculated as the sum of contract amount.
Contract Agreed Amount	This metric is calculated as the sum of contract agreed amount.
Contract Line Amount	This metric is calculated as the sum of contract line amount.
Contract Line Agreed Amount	This metric is calculated as the sum of contract line agreed amount.
Fulfillment Amount	This metric is calculated as the sum of fulfillment amount.
Fulfillment Agreed Amount	This metric is calculated as the sum of fulfillment agreed amount.
Contract Count	This metric is calculated as the count of distinct contract headers.
Contract Line Quantity	This metric is calculated as the sum of contract line quantity and shows quantity in primary and transaction UOM.
Contract Line Committed Quantity	This metric is calculated as the sum of contract line committed quantity and shows quantity in primary and transaction UOM.

Metric	Metric Definition
Fulfillment Quantity	This metric is calculated as the sum of fulfillment quantity and shows quantity in primary and transaction UOM.
Fulfillment Agreed Quantity	This metric is calculated as the sum of fulfillment agreed quantity and shows quantity in primary and transaction UOM.
Days to Expiration	This metric is calculated as average difference between system date and header contract end date.
Contract Cycle Time (Days)	This metric is calculated as average difference between contract signed date and contract creation date for latest version with active status.
Non-Standard Clauses Contract Count	This metric is calculated as the count of contracts where clauses are modified.
% Contracts with Non-Standard Clauses	This metric is calculated as the count of contracts where clauses are modified divided by the count of contract headers.

Procurement - Purchase Orders

These metrics are used in the Analytics Currency (AC) and Document Currency (DC) fact folder in the Subject Area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Purchase Order Submitted Date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
% Change Average Unit Price (Primary UOM) Last Quarter	Percentage Change of Average Unit Price (Primary UOM) from last quarter.
Accepted Amount	This metric is calculated as sum of accepted amount at schedule level.
Accepted Quantity	This metric is calculated as sum of accepted quantity at schedule level in primary and transaction UOM.
Accepted Rate	This metric is calculated as sum of accepted amount divided by sum of received amount at schedule level.
Amendments Count	This metric is calculated as average amendments done for a purchase order.
Approval Cycle Time	This metric is calculated as average difference between purchase order approval date and purchase order submitted date for version zero.
Approvers Count	This metric is calculated as average number of approvers in a purchase order.
Average Amount Per PO	This metric is calculated as sum of ordered amount divided by count of distinct purchase orders.
Average Number of Revisions	This metric is calculated as average of revision numbers of a purchase order.
Avg Unit Price	This metric is calculated as sum of ordered amount excluding inclusive taxes divided by sum of ordered quantity.
Avg Unit Price (Primary UOM)	This metric is calculated as sum of ordered amount excluding inclusive taxes divided by sum of ordered quantity in primary UOM.
Billed Amount	This metric is calculated as sum of billed amount at distribution level.
Billed Quantity	This metric is calculated as sum of billed quantity at distribution level in primary and transaction UOM.

Metric	Metric Definition
Buyers Count	This metric shows Count of distinct buyers.
Cancelled Amount	This metric is calculated as sum of cancelled amount at distribution level.
Cancelled Quantity	This metric is calculated as sum of cancelled quantity at distribution level in primary and transaction UOM.
Cancelled Quantity %	This metric shows Cancelled Quantity percentage to overall Ordered Quantity for a given period.
Closed PO Amount	This metric shows the sum of ordered amount at distribution level inclusive of inclusive taxes with status equal to Closed for Invoicing, Closed, and Finally Closed. This metric is deprecated in 23.R2. Please use the Closed Purchase Order Amount metric.
Closed PO Count	This metric shows Count of purchase order header status equal to Closed for Invoicing, Closed, and Finally Closed. This metric is deprecated in 23.R2. Please use the Closed Purchase Order Count metric.
Closed Purchase Order Amount	This metric shows the sum of ordered amount at distribution level inclusive of inclusive taxes with status equal to Closed, and Finally Closed.
Closed Purchase Order Count	Count of purchase order header status equal to Closed, and Finally Closed.
Consignment Quantity	This metric is calculated as sum of consigned quantity at distribution level in primary and transaction UOM.
Delivered Amount	This metric is calculated as sum of delivered amount at distribution level.
Delivered Quantity	This metric is calculated as sum of delivered quantity at distribution level in primary and transaction UOM.
Internal Amendments Count	This metric is calculated as average number of internal amendments for a purchase order.
Max Unit Price	This metric is calculated as maximum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level.
Max Unit Price (Primary UOM)	This metric is calculated as maximum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level in primary UOM.
Min Unit Price	This metric is calculated as minimum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level.
Min Unit Price (Primary UOM)	This metric is calculated as minimum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level in primary UOM.
Negotiated Amount	This metric shows amount of the purchase order lines which has negotiated indicator as Y.
Negotiation to PO Cycle Time	This metric is calculated as average difference between purchase order approval date for version zero and negotiation line creation date for purchase orders created from negotiations.
Non Recoverable Inclusive Tax Amount	This metric is calculated as sum of non recoverable inclusive tax amount at distribution level.
Non Recoverable Tax Amount	This metric is calculated as sum of non recoverable tax amount at distribution level.

Metric	Metric Definition
Open PO Amount	This metric shows the sum of ordered amount at distribution level inclusive of inclusive taxes with status equal to Open and Closed for Receiving. This metric is deprecated in 23.R2. Please use the Open Purchase Order Amount metric.
Open PO Count	This metric shows Count of purchase order header status equal to Open and Closed for Receiving. This metric is deprecated in 23.R2. Please use the Open Purchase Order Count metric.
Open Purchase Order Amount	This metric shows the sum of ordered amount at distribution level inclusive of inclusive taxes with status equal to Open, Closed for Receiving, and Closed for Invoicing.
Open Purchase Order Count	Count of purchase order header status equal to Open, Closed for Receiving, and Closed for Invoicing.
Ordered Amount	This metric is calculated as sum of ordered amount at distribution level inclusive of inclusive taxes.
Ordered Quantity	This metric is calculated as sum of quantity net of cancelled quantity at distribution level in primary and transaction UOM.
Original Ordered Quantity	This metric is calculated as sum of quantity including cancelled quantity at distribution level in primary and transaction UOM.
Over Receipt Amount	This metric shows amount that is received more than purchase order quantity at schedule level.
Over Receipt Quantity	This metric shows quantity that is received more that purchase order quantity in primary and transaction UOM.
Over Receipt Quantity %	This metric shows Over Receipt Quantity percentage to overall Receipt Quantity for a given period.
Payment Terms Count	This metric shows Count of distinct payment terms.
PO Close Cycle Time	This metric is calculated as average difference between purchase order close date and purchase order creation date.
PO Open Cycle Time	This metric is calculated as average difference between purchase order implement date for version zero and purchase order creation date.
Pre Processing Lead Time	This metric is calculated as average difference between purchase order approval date and purchase order creation date for version zero.
PR to PO Cycle Time	This metric is calculated as average difference between purchase order creation date and requisition line approval date.
Purchase Order Count	This metric shows Count of distinct purchase order headers.
Purchase Order Lines Count	This metric shows Count of distinct purchase order lines.
Purchase Orders Amount - Open Only	This metric shows the sum of ordered amount at distribution level inclusive of inclusive taxes with status equal to Open.
Purchase Orders Count - Open Only	Count of purchase orders status equal to Open.
Purchase Orders Lines Count - Open Only	Count of purchase orders line status equal to Open.
Received Amount	This metric is calculated as sum of received amount at schedule level.
Received Quantity	This metric is calculated as sum of received quantity at schedule level in primary and transaction UOM.
Recoverable Inclusive Tax Amount	This metric is calculated as sum of recoverable inclusive tax amount at distribution level.
Recoverable Tax Amount	This metric is calculated as sum of recoverable tax amount at distribution level.

Metric	Metric Definition
Rejected Quantity	This metric is calculated as sum of rejected quantity at schedule level in primary and transaction UOM.
Rejected Quantity %	This metric shows Rejected Quantity percentage to overall Receipt Quantity for a given period.
Requisition Based PO %	This metric is calculated as count of distribution with requisition references divided by count of total distributions.
Requisition Lines Count	This metric shows Count of distinct requisition lines associated in purchase order distributions.
Shipped Amount	This metric is calculated as sum of shipped amount at schedule level.
Shipped Quantity	This metric is calculated as sum of shipped quantity at schedule level in primary and transaction UOM.
Supplier Amendments Count	This metric is calculated as average number of supplier initiated amendments for a purchase order.
Suppliers Count	This metric shows Count of distinct Supplier.
Total Amount	This metric is calculated as sum of total amount at distribution level.
Total Exclusive Tax Amount	This metric is calculated as sum of total exclusive tax amount at distribution level.

Procurement - Purchase Order Change Orders (Preview)

The fact folders in this subject area shows the metrics details below.

Metric	Metric Definition
Count of Change Orders	Shows the Average count of change order per purchase order.
Ordered Amount Changed	Shows the difference between the ordered amount between change orders at distribution level inclusive of inclusive taxes.
Total Amount Changed	Shows the difference between the total amount between change orders at distribution level.
Total Tax Changed	Shows the difference between the total tax amount between change orders at distribution level inclusive of inclusive taxes.

Procurement - Receipt Accounting (Preview)

These metrics are used in the Analytics Currency (AC), Document Currency (DC), and Ledger Currency fact folder in the Subject Area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Receipt Accounting Transaction Date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metrics

Metric	Metric Definition
Accounted Credit Amount	Shows the Accounted Credit Amount in Analytics Currency for each Receipt Accounting Distribution.
Accounted Debit Amount	Shows the Accounted Debit Amount in Analytics Currency for each Receipt Accounting Distribution.

Metric	Metric Definition
Accounted Net Amount	Shows the difference of Debit and credit Amount entries that is accounted.
Credit Amount	This metric displays the Credit Amount for each Receipt Accounting Distribution.
Debit Amount	This metric displays the Debit Amount for each Receipt Accounting Distribution.
Net Amount	Shows the difference of Debit and credit Amount entries.
Quantity in Primary UOM	This metric displays the Receipt Accounting Transaction level Quantity in Primary Unit of Measure.
Quantity in Secondary UOM	This metric displays the Receipt Accounting Transaction level Quantity in Secondary Unit of Measure.
Transaction Quantity	This metric displays the Receipt Accounting Transaction level Quantity.

Procurement - Receipts

The fact folders in this subject area show the metrics details described in the table.

Metrics

Metric	Metric Definition
Accepted Amount	This metric is calculated as sum of accepted quantity multiplied by unit price from purchase order in primary UOM.
Accepted Quantity	This metric is calculated as sum of accepted quantity in primary and transaction UOM.
ASN Receipts %	This metric is calculated as count of advanced shipment notice-based receipts divided by count of receipt headers.
Avg Unit Price (Primary UOM)	Average of unit price at purchase order schedule in primary UOM.
Consumed Quantity	This metric is calculated as sum of consumed quantity in primary and transaction UOM.
Delivered Amount	This metric is calculated as sum of delivered quantity multiplied by unit price from purchase order schedule in primary UOM.
Delivered Quantity	This metric is calculated as sum of delivered quantity in primary and transaction UOM.
Post Processing Time	This metric is calculated as average difference between deliver date and receipt date.
Processing Time	This metric is calculated as average difference between receipt date and purchase order approval date for version zero.
Purchase Order Count	Count of distinct purchase orders.
Purchase Order schedule Count	Count of distinct purchase order schedule.
Receipt Headers Count	Count of distinct receipt headers.
Receipt Lines Accepted %	This metric is calculated as receipt accepted count divided by receipt lines count.
Receipt Lines Accepted Count	This metric is calculated as count of receipt lines with accepted quantity greater than zero.
Receipt Lines Count	Count of receipt lines.
Receipt Lines Rejected %	This metric is calculated as receipt rejected count divided by receipt lines count.

Metric	Metric Definition
Receipt Lines Rejected Count	This metric is calculated as count of receipt lines with rejected quantity greater than zero.
Receipt Lines Returned %	This metric is calculated as receipt returned count divided by receipt lines count.
Receipt Lines Returned Count	This metric is calculated as count of receipt lines with returned quantity greater than zero.
Receipt Lines with Correction %	This metric is calculated as receipt corrected count divided by receipt line count.
Receipt Lines with Correction Count	This metric is calculated as count of receipt lines with atleast one correction transaction.
Received Amount	This metric is calculated as sum of received quantity multiplied by unit price from purchase order in primary UOM.
Received Lines Early %	This metric is calculated as count of lines received early divided by count of receipt lines.
Received Lines Late %	This metric is calculated as count of lines received late divided by count of receipt lines.
Received Lines On Time %	This metric is calculated as count of lines received on time divided by count of receipt lines.
Received Quantity	This metric is calculated as sum of received quantity in primary and transaction UOM.
Rejected Amount	This metric is calculated as sum of rejected quantity multiplied by unit price from purchase order in primary UOM.
Rejected Quantity	This metric is calculated as sum of rejected quantity in primary and transaction UOM.
Returned Amount	This metric is calculated as sum of returned quantity multiplied by unit price from purchase order in primary UOM.
Returned Quantity	This metric is calculated as sum of returned quantity in primary and transaction UOM.
Shipped Quantity	This metric is calculated as sum of shipped quantity in primary and transaction UOM.
Transportation Days	This metric is calculated as average difference between receipt header creation date and shipment date for advance shipment notice-based receipts.

Procurement - Requisitions

These metrics will be used in the Analytics Currency (AC) and Document Currency (DC) fact folder in the Subject Area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Requisition Creation Date to convert to the analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Approved Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with approved status. This metric excludes reinstate, split, and replaced line status.
Approved Requisition Lines Count	Count of requisition lines with approved status and excludes reinstate, split, and replaced line status.
Fulfilled Cycle Time Days	This metric is calculated as average difference between purchase order line fulfill date and requisition line last submitted date. The fulfilled date is maximum of the schedule receipt dates or invoice dates. This metric excludes internal requisition and reinstate, split, and replaced line status.

Metric	Metric Definition
Fulfilled Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with fulfilled status. The fulfilled status requisition lines are those that have purchase order line fulfilled flag value as Y. The purchase order line fulfilled flag will have value as Y only when all the schedule lines for that purchase order line is closed for receiving or invoicing. The fulfilled date is maximum of the schedule receipt dates or invoice dates. This metric excludes internal requisition and reinstate, split, and replaced line status.
Fulfilled Requisition Lines Count	Count of requisition lines for which purchase order got processed and has purchase order line fulfilled flag value as Y. The purchase order line fulfilled flag will have value as Y only when all the schedule lines for that purchase order line is closed for receiving or invoicing. The fulfilled date is maximum of the schedule receipt dates or invoice dates. This metric excludes internal requisition and reinstate, split, and replaced line status.
Pending Approval Requisition Lines Count	Count of requisition lines with pending approval status and excludes reinstate, split, and replaced line status.
PR to PO Cycle Time	This metric is calculated as average difference between purchase order creation date and requisition line approval date. This metric excludes internal requisition and reinstate, split, and replaced line status.
Processed Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with processed status. The processed status requisition lines are those that got converted to purchase order and purchase order header having processed date (version 0). This metric excludes internal requisition and reinstate, split, and replaced line status.
Processed Requisition Lines Count	Count of requisition lines which got converted to purchase order and purchase order header having processed date (version 0). This metric excludes internal requisition and reinstate, split, and replaced line status.
Rejected Requisition Count	Count of distinct requisition with rejected status.
Rejected Requisition Lines Count	Count of requisition lines with rejected status and excludes reinstate, split, and replaced line status.
Requisition Amount	This metric is calculated as sum of amount at distribution level and excludes reinstate, split, and replaced line status.
Requisition Amount – Without cancelled	This metric is calculated as sum of amount at distribution level and excludes cancelled, reinstate, split, and replaced line status.
Requisition Approval Cycle Time Days	This metric is calculated as average difference between requisition approval date and requisition submitted date for version zero.
Requisition Approval to PO Fulfillment Time	This metric is calculated as average difference between purchase order line fulfill date and requisition line last approval date. And fulfilled date is maximum of the schedule receipt dates or invoice dates. This metric excludes internal requisition and reinstate, split and replaced line status.
Requisition Count	Count of distinct requisitions.
Requisition Line Count	Count of requisition lines excluding reinstate, split, and replaced line status.

Metric	Metric Definition
Requisition Primary Quantity	This metric is calculated as sum of quantity at distribution level and excludes reinstate, split and replaced line status. This shows quantity in primary UOM.
Requisition Quantity	This metric is calculated as sum of quantity at distribution level and excludes reinstate, split, and replaced line status. This shows quantity in primary and transaction UOM.
Unfulfilled overdue Requisition %	This metric shows Unfulfilled overdue requisition amount percentage of the overall requisition amount for a given period.
Unfulfilled overdue Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with unfulfilled status and crossed the requested delivery date. The unfulfilled status requisition lines are those purchase orders that got processed and has purchase order line fulfilled flag value as N. This metric excludes internal requisition and reinstate, split, and replaced line status.
Unfulfilled Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with unfulfilled status. The unfulfilled status requisition lines are those purchase orders that got processed and have purchase order line fulfilled flag value as N. This metric excludes internal requisition and reinstate, split, and replaced line status.
Unfulfilled Requisition Lines Count	Count of requisition lines for which purchase order got processed and has purchase order line fulfilled flag value as N. This metric excludes internal requisition and reinstate, split, and replaced line status.
Unprocessed Average Aging Days	This metric is calculated as average difference between system date and requisition line last approval date for requisition lines which are yet to get converted to purchase order or purchase order header without processed date (version 0). This metric excludes internal requisition and reinstate, split, and replaced line status.
Unprocessed overdue Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with unprocessed status and crossed the requested delivery date and the unprocessed status requisition lines which are yet to get converted to purchase order or purchase order header without processed date (version 0). This metric excludes internal requisition and reinstate, split, and replaced line status.
Unprocessed Requisition Lines Count	Count of requisition lines which are yet to get converted to purchase order or purchase order header without processed date (version 0). This metric excludes internal requisition and reinstate, split, and replaced line status.
Requisition Amount - Parent Reinstate Line	This metric is calculated as sum of amount at distribution level and includes parent reinstate and excludes cancelled, split, and replaced line status.
Requisition Quantity - With Reinstate Line	This metric is calculated as sum of quantity at distribution level and includes parent reinstate and cancelled, but excludes split and replaced line status.
Requisition Line Count - With Reinstate Line	Count of requisition lines excluding split and replaced line status.
Requisition Quantity - Without Cancelled	This metric is calculated as sum of quantity at distribution level and excludes Cancelled , reinstate, split and replaced line status.

Procurement - Spend

These metrics are used in the Analytics Currency (AC) fact folder, Ledger Currency (LC) fact folder, and Document Currency (DC) fact folder in the Subject Areas.

Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Expense Distribution accounting date to convert to the analytics currency. Metrics in these folders show amounts in their respective currencies. Currently only accounted invoices are supported.

Metric	Metric Definition
Addressable Spend	This metric is calculated as Sum of 'Spend' where Invoice Distribution Types are Accrual, Item, Exchange Rate Variance, Invoice Price Variance, Retainage and Retro Active Price Accrual.
Addressable Spend %	This metric is calculated as percentage of Addressable Spend over Spend.
Agreement Leakage Spend	This metric is calculated as the sum of spend where invoice distributions has a purchase order reference, and the purchase order line does not have an agreement associated with it, although an open blanket agreement is available for the item in purchase order. This metric works only for inventory Item-based purchase orders.
Agreement Leakage Spend %	This metric is calculated as percentage of agreement leakage spend over spend.
Agreement Spend	This metric is calculated as the sum of spend, where invoice distributions has a purchase order reference, and the corresponding purchase order line has a blanket purchase agreement or contract purchase agreement reference.
Agreement Spend %	This metric is calculated as percentage of agreement spend over spend.
Average Spend Per invoice	This metric is calculated as the sum of spend divided by the count of spend invoices.
Avg Invoice Unit Price	This metric is calculated as sum of invoice amounts divided by sum of invoiced quantity where quantity invoiced is not zero. This metric is calculated for invoice distributions conforming as addressable spend.
Avg Invoice Unit Price (Primary UOM)	This metric is calculated as sum of invoice amounts divided by sum of invoiced quantity where quantity invoiced is not zero. This metric is calculated for invoice distributions conforming as addressable spend in primary UOM.
Buyer Count	This metric is calculated as distinct buyers on invoice headers.
Category Non Agreement Spend %	This metric is calculated as percentage of Non Agreement Spend over Non Agreement Spend across all categories. This metric is used to analyze individual category Non Agreement Spend against Non Agreement Spend across all categories.
Category Spend %	This metric is calculated as percentage of spend over spend across all categories. This metric is used to analyze individual category spend against spend across all categories.
Electronic Invoices Count	This metric is calculated as the count of distinct invoice headers where invoice header source is not equal to manual invoice Entry.

Metric	Metric Definition
Invoice Amount	This metric is calculated as sum of amounts from the invoice accounting distribution lines for an invoice distribution.
Invoice Lines Count	This metric is calculated as the count of distinct invoice lines.
Invoice Price Variance	This metric is calculated as sum of amounts from invoice distribution for distribution line status invoice price variance.
Invoices Before PO Creation Count	This metric is calculated as the count of invoice headers where invoice date is greater than the purchase order creation date.
Invoices Count	This metric is calculated as the count of distinct invoice headers.
Invoices with IPV Count	This metric is calculated as count of distinct invoice headers where invoices have more than one distribution line status in invoice price variance or tax invoice price variance.
Item Based Purchases %	This metric is calculated as the percentage of distinct count of item-based purchase order lines over distinct count of purchase order lines.
Manual Invoices Count	This metric is calculated as the count of distinct invoice headers where invoice header source is equal to manual invoice Entry.
Max Invoice Unit Price	This metric is calculated as maximum of invoice amounts divided by invoiced quantity where quantity invoiced is not zero. This metric is calculated for invoice distributions conforming as addressable spend.
Max Invoice Unit Price (Primary UOM)	This metric is calculated as maximum of invoice amounts divided by invoiced quantity where quantity invoiced is not zero. This metric is calculated for invoice distributions conforming as addressable spend in primary UOM.
Min Invoice Unit Price	This metric is calculated as minimum of invoice amounts divided by invoiced quantity where quantity invoiced is not zero. This metric is calculated for invoice distributions conforming as addressable spend.
Min Invoice Unit Price (Primary UOM)	This metric is calculated as minimum of invoice amounts divided by invoiced quantity where quantity invoiced is not zero. This metric is calculated for invoice distributions conforming as addressable spend in primary UOM.
Negotiated Spend	This metric is calculated as PO matched spend where the negotiated Flag is checked for the corresponding purchase orders lines.
Negotiated Spend %	This metric is calculated as percentage of negotiated spend over spend.
Non Agreement Spend	This metric is calculated as the sum of spend where invoice distributions has a purchase order reference, and purchase order line does not have a blanket purchase agreement or contract purchase agreement reference.
Non Agreement Spend %	This metric is calculated as percentage of non-agreement spend over spend.
Non Negotiated Spend	This metric is calculated as PO matched spend where the negotiated Flag is not checked for the corresponding purchase orders lines.
Non PO Matched Spend %	This metric is calculated as percentage of non-PO matched spend over spend.
Open Invoices Count	This metric is calculated as count of distinct invoice headers where invoice header is not paid yet.

Metric	Metric Definition
Other Non Agreement Spend	This metric is calculated as non-agreement spend minus agreement leakage spend.
Paid Invoices Count	This metric is calculated as count of distinct invoice headers where invoice header is already paid.
Payables Invoicing Business Unit Count	This metric is calculated as distinct count of payables invoicing business units on invoice headers.
Payment Terms Count	This metric is calculated as count of distinct payment terms on invoice headers.
Perfect Invoices Count	This metric is calculated as count of distinct invoice headers where invoice header is partially or fully matched to purchase order with no price variance.
PO Matched Invoices Count	This metric is calculated as the count of distinct invoices headers which are fully or partially matched to the purchase order.
PO Matched Spend	This metric is calculated as the sum of invoice amounts, where invoice distributions has a purchase order Reference.
PO Matched Spend %	This metric is calculated as percentage of PO matched spend over spend.
Primary Quantity Invoiced	This metric is calculated as sum of quantity invoiced from invoice distributions in primary UOM.
Purchase Order Lines Count	This metric is calculated as the count of distinct purchase order lines referenced in invoice distributions.
Purchase Orders Count	This metric is calculated as the count of distinct purchase order headers referenced in invoice distributions.
Purchasing Category Count	This metric is calculated as count of distinct Purchasing category on invoice lines.
Quantity Invoiced	This metric is calculated as the sum of quantity invoiced from invoice distributions in primary and transaction UOM.
Spend	This metric is calculated as sum of invoice amounts where invoice is approved and invoice distribution is validated. This metric excludes invoice distributions for withholding tax invoices and lines, prepayment invoices, and prepayment application lines.
Supplier Site Count	This metric is calculated as count of distinct supplier sites on invoice headers.
Supplier Spend %	This metric is calculated as percentage of spend over spend across all suppliers. This metric is used to analyze individual supplier spend against spend across all suppliers.
Suppliers Count	This metric is calculated as the count of distinct suppliers on invoice headers.
Agreement Leakage to PO Spend %	This metric is calculated as the percentage of agreement leakage amount over PO matched spend amount.
Non Agreement to PO Spend %	This metric is calculated as the percentage of non agreement amount over PO matched spend amount.

Procurement - Suppliers

The fact folders in this subject area show the metrics details below.

Metric	Metric Definition
Count of One Time Suppliers	This metric relates to Count of One Time Suppliers.

Metric	Metric Definition
Count of Prospective Suppliers	This metric relates to Count of Suppliers where Business Relation is Prospective Suppliers.
Count of Spend Authorized Suppliers	This metric corresponds to Count of Suppliers where Business Relation is Spend Authorized Suppliers.
Count of Suppliers Created	This metric relates to Count of Suppliers Created.
Percentage of Supplier Registered against Total Suppliers	This metric relates to Percentage of Supplier Registered against Total Suppliers

Procurement - Supplier Qualification Management

The fact folders in this subject area show the metrics details below.

Metric	Metric Definition
Accepted Response Percentage	This metric represents the percentage of responses accepted.
Average Supplier Response Time	This metric is calculated as Supplier Response Date - Initiative Launch Date and represents the time taken by supplier to send the response.
Completed Assessments Percentage	This metric represents the Percentage of Assessment completed.
Completed Qualifications Percentage	This metric represents the percentage of Qualifications completed.
Count of Assessments	This metric represents the total number of Assessments.
Count of Initiatives	This metric represents the total number of Initiatives.
Count of Internal Surveys	This metric represents the total number of internal surveys.
Count of Qualifications	This metric represents the total number of Qualifications.
Initiative Creation to Completion Cycle Time	This metric is calculated as Initiative completion Date - Initiative Creation Date and represents the Initiative completion cycle time.
Initiative Preparation Cycle Time	This metric is calculated as Initiative Launch Date - Initiative Creation Date and represents the time taken to prepare the initiative.
Received Response Percentage	This metric represents the percentage of responses received from internal responders or suppliers.

Procurement - Supplier Registration

The fact folders in this subject area show the metrics details below.

Metric	Metric Definition
Count of Prospective Suppliers	This metfic relates to Count of Suppliers where Business Relation is Prospective Suppliers.
Count of Spend Authorized Suppliers	This metric corresponds to Count of Suppliers where Business Relation is Spend Authorized Suppliers.
Count of Suppliers Pending Approval	This metric corresponds to the number of suppliers with registration pending to be approved.
Count of Suppliers Registered	This metric relates to Count of Suppliers Registered.
Supplier Registration Cycle Time	This metric corresponds to Supplier Registration Cycle Time calculated as Registration Approval Date - Registration Creation Date.

Product Management

This section provides information about Oracle Fusion SCM Analytics Product Mangement subject area metric details.

Topics

- Product Management - Item Relationships (Preview)
- Product Management - Item Revisions (Preview)

Product Management - Item Relationships (Preview)

The fact folders in this subject area show the metrics details below.

Metric	Metric Definition
Cross Reference Counts	Count of cross reference items.
GTIN Counts	Count of Global Trade Item Numbers.
Related Item Counts	Count of related items.
Spoke System Item Counts	Count of spoke system items.
Trading Partner Item Counts	Count of trading partner items.

Product Management - Item Revisions (Preview)

The fact folders in this subject area shows the metrics details below.

Metric	Metric Definition
Item Counts	Shows count of items. This includes Item as document.
Item Revision Counts	Shows average count of item revisions.
Document Counts	Shows count of item as document.
Item Class Counts	Shows count of item class.

Sustainability (Preview)

This section provides information about Oracle Fusion SCM Analytics Sustainability subject area metric details.

Topics

- Sustainability - Activities (Preview)

Sustainability - Activities (Preview)

The fact folders in this subject area shows the metrics details below.

Metric	Metric Definition
Activity Count	Shows the Total count of the Activity data.
CO2e Emissions Quantity	Shows the Total Calculated CO2e for the Activity data.
Scope 2 Emissions - Location Based	Shows the total of CO2e Emission Quantity where Scope is Scope 2 location-based.

Metric	Metric Definition
Scope 2 Emissions - Market Based	Shows the total of CO2e Emission Quantity where Scope is Scope 2 location-based.
Scope 3 Emissions - Purchased Goods and Services	Shows the total of CO2e Emission Quantity where Scope is Scope 3 and Scope category is Purchased Goods and Services.
Scope 3 Emissions - Waste Generated in Operations	Shows the total of CO2e Emission Quantity where Scope is Scope 3 and Scope category is Waste Generated in Operations.
Total Scope 1 Emissions	Shows the total of CO2e Emission Quantity where Scope is Scope 1.
Total Scope 3 Emissions	Shows the total of CO2e Emission Quantity where Scope is Scope 3.

Descriptive Flexfield

This section provides information about Oracle Fusion SCM Analytics subject area descriptive flexfields (DFFs).

Topics

- Cost Management
- Inventory Management
- Manufacturing
- Product Management
- Order Management
- Procurement
- Sustainability (Preview)

Cost Management

These descriptive flexfields are supported by Cost Management subject areas.

Subject Area Name	Descriptive Flexfield (DFF) Supported
SCM - COGS and Gross Margin	Supports Customer, Customer Account, Transactions Headers, Transactions Lines, and Items
SCM - Cost Accounting	Supports Items and Inventory Organization.
SCM - Inventory Valuations	Supports Items
SCM - Item Cost	Supports Items
SCM - Work Order Costing (Preview)	Supports Items.

Inventory Management

These descriptive flexfields are supported by Inventory subject areas.

Subject Area Name	Descriptive Flexfield (DFF) Supported
SCM - Inventory Balances	Supports Item Catalog, Item Category, Locator, Subinventory, and Items
SCM - Inventory Transactions	Supports Item Catalog, Item Category, Locator, Subinventory, Transaction Types, Inventory Transactions, and Items
SCM - Picking and Shipping	Supports Customer, Customer Account, Items, and Shipment Lines
SCM - Transfer Orders	Supports Transfer Order, Transfer Order Lines, Transfer Order Distribution, and Items
SCM - Inventory Receipts	Supports Item, Receipt Headers and Receipt Transactions.
SCM - Inventory Aging (Preview)	Supports Item Catalog, Item Category, Locator, Subinventory, Items, and Inventory organization parameters
SCM - Inventory Turns (Preview)	Supports Item Catalog, Item Category, Items, and Inventory organization parameters

Manufacturing

These descriptive flexfields are supported by Manufacturing subject areas.

Subject Area Name	Descriptive Flexfield (DFF) Supported
SCM - Maintenance Work Orders	Supports Items, Assets, Maintenance Organizations, Work Areas, Work Centers, Work Orders, and Operations
SCM - Maintenance Operation Transactions	Supports Items, Assets, Maintenance Organizations, Work Areas, Work Centers, Work Orders, Operations and Operation Transactions
SCM - Maintenance Resources	Supports Items, Assets, Maintenance Organizations, Work Areas, Work Centers, Resources, Work Orders, Operations, Operation Resources and Resource Transactions
SCM - Maintenance Materials	Supports Items, Assets, Material Items, Maintenance Organizations, Work Areas, Work Centers, Work Orders, Operations and Operation Materials
SCM - Manufacturing Work Orders	Supports Items, Manufacturing Organizations, Work Areas, Work Centers, Work Orders and Operations
SCM - Manufacturing Operation Transactions	Supports Items, Manufacturing Organizations, Work Areas, Work Centers, Work Orders, Operations, Operation Transactions, Outputs and Output Items
SCM - Manufacturing Resources	Supports Items, Manufacturing Organizations, Work Areas, Work Centers, Resources, Work Orders, Operations, Operation Resources and Resource Transactions
SCM - Manufacturing Materials	Supports Items, Material Items, Manufacturing Organizations, Work Areas, Work Centers, Work Orders, Operations and Operation Materials

Order Management

These descriptive flexfields are supported by Order Management subject areas.

Subject Area Name	Descriptive Flexfield (DFF) Supported
SCM - Sales Orders	Supports Customer, Customer Account and Items
SCM - Sales Orders Holds	Supports Customer and Customer Account
SCM - Draft Sales Orders (Preview)	Supports Customer, Customer Account and Items.
SCM - Draft Sales Orders Holds (Preview)	Supports Customer and Customer Account.

Product Management

Below Descriptive Flexfields are supported by Product Management subject areas.

Subject Area Name	Descriptive Flexfield (DFF) Supported
Product Management - Item Revisions (Preview)	Supports Item, Item Category and Item Catalog
Product Management - Item Relationships (Preview)	Supports Item, Trading Partner Items, Related Items, Cross References, GTIN, and Spoke System Items

Procurement

Below Descriptive Flexfields are supported by the Procurement subject area.

Subject Area Name	Descriptive Flexfield (DFF) Supported
Enterprise Contracts - Contracts (Preview)	Supports contracts and contracts lines descriptive flexfields.
Procurement - Accrual Balances at Period End (Preview)	Supports items and suppliers descriptive flexfields.
Procurement - Accrual Balances at Receipt (Preview)	Supports items and suppliers descriptive flexfields.
Procurement - Agreements	Supports the suppliers and supplier sites descriptive flexfields.
Procurement - Purchase Orders	Supports suppliers, supplier sites, purchase orders headers, purchase orders lines, purchase orders schedules, and items descriptive flexfields.
Procurement - Receipt Accounting (Preview)	Supports items and suppliers descriptive flexfields.
Procurement - Receipts	Supports suppliers, supplier sites, receipt headers, receipt lines, and items descriptive flexfields.
Procurement - Requisitions	Supports the suppliers and supplier sites, requisition headers, requisition lines, and requisition distributions descriptive flexfields.
Procurement - Spend	Supports Suppliers, Supplier Sites, Invoice Headers, Invoice Lines, Invoice Distributions, and Items.
Procurement - Suppliers	Supports Supplier Profile and Supplier Site.
Procurement - Supplier Qualification Management	Supports Supplier, Supplier Site, Initiative, Qualification, and Assessment.

Sustainability (Preview)

These descriptive flexfields are supported by Sustainability subject areas.

Subject Area Name	Descriptive Flexfield (DFF) Supported
Sustainability - Activities (Preview)	Supports Emission Factors and Activities.

9 Prebuilt

This section provides information about Oracle Fusion SCM Analytics prebuilt elements.

Topics

- Overview
- Prebuilt Analyses
- Prebuilt Business Metrics
- Prebuilt Dashboards

Overview

This chapter provides information on all the prebuilt business metrics, dashboards, and analyses that are shipped as the standard offering along with the product.

Prebuilt Analyses

Prebuilt Analyses are the functional analysis defined using Oracle Data Visualization on the Oracle Analytics Cloud platform.

Only analytic currency metrics are used in these analyses. These tables shows the summary of predefined analyses available for each module.

To access prebuilt data visualizations, go to **Shared Folders**, click **Oracle**, click **Fusion SCM**, and then click **Detail Dashboards**.

Topics

- Common
- Cost Management
- Inventory
- Manufacturing
- Order Management
- Procurement
- Sustainability

Common

Prebuilt Analyses

Analyses Detail	Analyses Description	Related Subject Areas
Data Augmentation Summary	Provides an overview of created data augmentations (such as create dimension, create fact, and entity extension) that have associated system semantic model extensions.	Common - Data Augmentation
Warehouse Refresh Statistics	Provides insights into pipeline activity and performance.	Common - Warehouse Refresh Statistics
Data Validation	Provides results of data validations between Fusion Data Intelligence and Fusion Applications.	Common - Data Validation
Custom Data Usage	Provides daily and monthly views of custom data storage usage.	Common - Custom Data Usage Metrics
Security Audit	Provides current and historical security assignments and security contexts.	Security Assignment Security Audit History
Usage Tracking	Provide insights into system usage by analyzing user activities, and query performance.	Common Usage Tracking
Content Explorer - Fusion Data Intelligence	Provides a view of business content, including subject areas, metrics, key metrics, and workbooks across the Fusion Data Intelligence analytics applications.	

Cost Management

Analyses Detail	Analyses Description	Related Subject Areas
COGS and Gross Margin Analysis	Provides an insight on recognized revenue, recognized COGS, and gross margin trend for a given period and business unit.	SCM - COGS and Gross Margin
Cost Accounting Analysis	Provides an insight on transaction costing distribution with accounting status for cost organization and cost book.	SCM - Cost Accounting
Inventory Valuation Analysis	Analyzes the inventory valuation by cost organization, cost book, valuation unit, etc.	SCM - Inventory Valuations
Item Cost Analysis	Analyzes the item cost by cost organization, cost book, valuation unit, etc.	SCM - Item Cost
Manufacturing Costs Overview	Provides an overview of all types of Manufacturing costs for the various Manufacturing flows.	SCM - Work Order Costing (Preview)

Inventory

Analyses Detail	Analyses Description	Related Subject Areas
Inventory Transactions Analysis	Analyzes the Inventory Transactions by inventory organization, product category, issuance, receipt, etc.	SCM - Inventory Transacations
Inventory Balances Analysis	Analyzes the Inventory Balances by inventory organization, product category, etc.	SCM - Inventory Balances
Picking and Shippping Analysis	Analyzes the picking and shipping cycle time and other key shipment metrics. Provides key inputs to improve Picking and Shipping performance.	SCM - Picking and Shipping
Inventory Receipts Analysis	Summarizes the analysis on Inventory Receipts to improve operational efficiency. It provides insights to analyze Receiving efficiency, Receiving cycle time and post processing lead times. It also provides insights to receipt quantity, delivered, accepted, rejected and returned quantity.	SCM - Inventory Receipts
Current Inventory Balances Analysis	Provides insight on current Inventory balances, Quantity in Receiving, Inbound quantity, In-transit, and Consigned quantity.	SCM - Inventory Balances (Opt-in GA)
Inventory Turns Analysis	Provides insights into key Inventory Management metrics like Inventory Turns, Excess and Obsolete Analysis.	SCM - Inventory Turns (Preview)
Inventory Aging Analysis	Provides insights into Inventory Aging analysis grouped by quantity and value	SCM - Inventory Aging (Preview)

Manufacturing

Analyses Detail	Analyses Description	Related Subject Areas
Manufacturing Overview and Operational Efficiency	Provides the manufacturing overview and the operational performance/ efficiency of the various plants in the enterprise.	SCM - Manufacturing Work Orders, SCM - Manufacturing Resources, SCM – Manufacturing Materials

Order Management

Analyses Detail	Analyses Description	Related Subject Areas
Open Sales Order Analysis	Analyzes the Open Sales Orders by Sales Business Unit, inventory organization, product category, Customer, Fulfillment Line Status etc.	SCM - Sales Orders, SCM - Sales Orders Holds

Analyses Detail	Analyses Description	Related Subject Areas
Sales Order Fulfillment Analysis	Analyzes the Sales Order Fulfillment by Sales Business Unit, inventory organization, product category, Customer, Fulfillment Line Status etc.	SCM - Sales Orders
Sales Order Analysis	Provides summary of Perfect Orders by Sales Business Unit, Category, and Period. And covers other metrics like Order Amount, Returned Amount, Cancelled Amount, and Open Hold Orders Amount in the analysis.	SCM - Sales Orders, SCM - Sales Orders Holds

Procurement

Analyses Detail	Analyses Description	Related Subject Areas
Procurement Analytics Application	This workbook has an app-like look and feel, using hyperlinks to create a menu-style navigation experience that links to other workbooks. It includes multiple canvases with functionally relevant content designed for Procurement users.	Procurement - Spend, Procurement - Receipts, Procurement - Purchase Orders
Procurement Department Efficiency Analysis	Provides insights on procurement department efficiency with metrics like approval counts, amendment counts, and cycle time in days.	Procurement - Purchase Orders
Procurement Performance Analysis	Summarizes the performance analysis from requisitions to receipts. Provides insights on past due, rejections, cancellations, and over received quantity % by different dimensions.	Procurement - Purchase Orders, Procurement - Requisitions
Procurement Spend Category Overview	Provides an overview of categories spend, counts, and other details.	Procurement - Spend
Procurement Spend Overview	Provides an overview of spend, non-PO matched spend, and non-agreement spend along with entities who are spending and are non-compliant.	Procurement - Spend
Procurement Spend Supplier Overview	Provides an overview of suppliers in terms of key suppliers spend, supplier tail spend, and suppliers count.	Procurement - Spend
Purchase Agreement Analysis	Summarizes the analysis on purchase agreement for both contract purchase agreements, and blanket purchase agreements. Provides insights on agreement trends, expiring agreement, cycle time, and release amount range.	Procurement - Agreements
Purchase Order Spend Analysis	Provides an insight on PO matched spend, Non-agreement spend, Agreement leakages, and related metrics by supplier, business unit, and period.	Procurement - Spend

Analyses Detail	Analyses Description	Related Subject Areas
Purchase Order Spend Categories Analysis	Provides an insight on PO matched spend, Non-agreement spend, Agreement leakages, and related metrics by categories, business unit, and period.	Procurement - Spend
Purchase Order Spend Suppliers Analysis	Provides an insight on PO matched spend, Non-agreement spend, Agreement leakages, and related metrics by supplier, business unit, and period.	Procurement - Spend
Spend Infographics	This Provide insights on Spend for Business Executives in an infographic style.	Procurement - Spend
Supplier Shipment Analysis	Provides insights on supplier shipments by early shipment, late shipment, ASN receipts, and other details.	Procurement - Receipts

Sustainability

Analyses Detail	Analyses Description	Related Subject Areas
Sustainability Emissions Overview	This Dashboard provides an overview of the Sustainability Emissions by Scope & Activity types by Legal Entity.	Sustainability - Activities (Preview)

Prebuilt Business Metrics

This section provides information about Oracle Fusion SCM Analytics prebuilt business metrics

Topics

- Overview
- Cost Management
- Inventory
- Order Management
- Procurement

Overview

Predefined business metrics allow you to view business performance and drill into the details to understand why a value may be off-target. Only Analytic Currency metrics are used in the predefined content.

These are measurements that define and track specific business goals and objectives that often roll up into larger organizational strategies that require monitoring, improvement, and evaluation. Pre-defined business metrics allow a user to view business performance and drill into the details to understand why a value may be off the target. Only Analytic Currency metrics are used in the pre-defined content.

> **Note**
>
> Key metrics have replaced key performance indicators (KPIs) in release 24R1.

Cost Management

Business Metric Name	Business Metric Description	Related Subject Areas
Item Unit Cost	Shows average unit cost by distinct item and distinct valuation unit for a given period.	SCM - Item Cost
Material Cost	Shows average material cost by distinct item and distinct valuation unit for a given period.	SCM - Item Cost
Material Overhead Cost	Shows average material overhead cost by distinct item and distinct valuation unit for a given period.	SCM - Item Cost
Resource Cost	Shows average resource cost by distinct item and distinct valuation unit for a given period.	SCM - Item Cost
Overhead Cost	Shows average overhead cost by distinct item and distinct valuation unit for a given period.	SCM - Item Cost
Profit in Inventory	Shows average profit in inventory cost by distinct item and distinct valuation unit for a given period.	SCM - Item Cost
Percentage of Material Cost	Shows average material cost percentage of the average unit cost for a given period.	SCM - Item Cost
Percentage of Material Overhead Cost	Shows average material overhead cost percentage of the average unit cost for a given period.	SCM - Item Cost
Percentage of Resource Cost	Shows average resource cost percentage of the average unit cost for a given period.	SCM - Item Cost
Percentage of Overhead Cost	Shows average overhead cost percentage of the average unit cost for a given period.	SCM - Item Cost
Percentage of Profit in Inventory	Shows average profit in inventory cost percentage of the average unit cost for a given period.	SCM - Item Cost
Onhand Value	Shows costed onhand balance for a given period.	SCM - Inventory Valuations

Inventory

Business Metric Name	Business Metric Description	Related Subject Areas
Inventory Onhand Quantity	Shows inventory quantity for a given period in primary unit of measure.	SCM - Inventory Balances
Inventory Transaction Primary Quantity	Calculated as sum of primary quantity.	SCM - Inventory Transactions
Inventory Transaction Secondary Quantity	Calculated as sum of secondary quantity.	SCM - Inventory Transactions

Business Metric Name	Business Metric Description	Related Subject Areas
Inventory Transaction Quantity	Calculated as sum of transaction quantity.	SCM - Inventory Transactions
Inventory Transaction Issuance Quantity	Calculated as sum of issue quantity.	SCM - Inventory Transactions
Inventory Transaction Receipts Quantity	Calculated as sum of receipt quantity.	SCM - Inventory Transactions
Inventory Transaction Consignment Received Quantity	Calculated as sum of consignment received quantity.	SCM - Inventory Transactions
Inventory Transaction Transferred Quantity	Calculated as sum of consignment transferred quantity.	SCM - Inventory Transactions

Order Management

Business Metric Name	Business Metric Description	Related Subject Areas
Fulfillment Lines on Holds Count	Calculated as count of fulfillment lines on hold, considering holds only at fulfillment lines.	SCM - Sales Orders Holds
Average Hold Time	Calculated as average of difference between hold released date and hold applied date.	SCM - Sales Orders Holds
Sales Order Cancelled Lines Amount	Calculated as sum of amount for lines which are cancelled.	SCM - Sales Orders
Sales Order Returned Quantity	Calculated as sum of returned quantity from lines.	SCM - Sales Orders
Sales Order Lines Shipped in Full %	Calculated as lines shipped in full divided by count of lines shipped.	SCM - Sales Orders
Sales Order Shipped in Full Count	Calculated as orders which are closed and have all shipped line as shipped in full.	SCM - Sales Orders
Sales Order Shipped in Full %	Calculated as count of shipped in full orders divided by count of closed orders.	SCM - Sales Orders
Sales Order On Time Shipment Lines Count	Calculated as count of lines which are shipped on time.	SCM - Sales Orders
Sales Order On Time Shipment Lines %	Calculated as count of lines shipped on time divided by count of shipped lines.	SCM - Sales Orders
Sales Order On Time Shipment Lines (RD) Count	Calculated as count of lines which are shipped on time based on requested delivery date.	SCM - Sales Orders
Sales Order On Time Shipment Lines (RD) %	Calculated as count of lines shipped on time based on requested delivery date divided by count of shipped lines.	SCM - Sales Orders
Sales Order To Shipment Lines Cycle Times	Calculated as average of difference between actual ship date and submitted date.	SCM - Sales Orders
Sales Order Delayed Scheduled Lines	Calculated as average of difference between schedule ship date and requested ship date.	SCM - Sales Orders
Sales Order Received Return Lines Count	Calculated as count of return order lines where material is received.	SCM - Sales Orders
Closed Sales Order Count	Count of distinct order headers where orders are closed.	SCM - Sales Orders
Sales Order Shipped Lines Count	Count of shipped order lines.	SCM - Sales Orders

Business Metric Name	Business Metric Description	Related Subject Areas
Sales Orders Count	Count of distinct sales orders.	SCM - Sales Orders
Sales Order Lines Count	Count of fulfillment lines with line category as order.	SCM - Sales Orders
Open Sales Orders Count	Count of distinct order headers where orders are open.	SCM - Sales Orders
Sales Order Open Lines Count	Count of fulfillment lines with line category of order and lines are open.	SCM - Sales Orders
Sales Order Return Lines Count	Count of fulfillment lines with line category as return.	SCM - Sales Orders
Sales Order Quantity Ordered	Calculated as sum of ordered quantity from lines.	SCM - Sales Orders
Sales Order Reserved Quantity	Calculated as sum of reserved quantity from lines.	SCM - Sales Orders
Sales Order RMA Delivered Quantity	Calculated as sum of RMA delivered quantity from lines.	SCM - Sales Orders
Sales Order Cancelled Quantity	Calculated as sum of cancelled quantity from lines.	SCM - Sales Orders
Sales Order Shipped Quantity	Calculated as sum of shipped quantity from lines.	SCM - Sales Orders
Sales Order Fulfilled Quantity	Calculated as sum of fulfilled quantity from lines.	SCM - Sales Orders
Sales Order Lines Amount	Calculated as sum of lines amount for line category as order.	SCM - Sales Orders
Sales Order Open Lines Amount	Calculated as sum of lines amount for line category as order for open sales orders.	SCM - Sales Orders
Sales Order Past Due Lines Amount	Calculated as sum of amount for lines where scheduled ship date is less than system date and lines are not shipped and for line category as order.	SCM - Sales Orders
Sales Order Shipped Lines Amount	Calculated as sum of amount for lines which are shipped.	SCM - Sales Orders
Sales Order On Time Shipment Lines Amount	Calculated as sum of amount for lines which are shipped on time.	SCM - Sales Orders
Sales Order Late Shipped Lines Amount	Calculated as sum of amount for lines which are not shipped on time.	SCM - Sales Orders
Sales Order Perfect Order Lines Amount	Calculated as sum of amount for lines which are perfect order lines.	SCM - Sales Orders
Sales Order Lines Shipped in Full Amount	Calculated as sum of amount for lines which are shipped in full.	SCM - Sales Orders
Sales Order Billed Lines Amount	Calculated as sum of lines billing amount for line category as order.	SCM - Sales Orders
Sales Order Return Lines Open Amount	Calculated as sum of lines amount for line category as return for open sales orders.	SCM - Sales Orders
Sales Order Return Lines Closed Amount	Calculated as sum of lines amount for line category as return for closed sales orders.	SCM - Sales Orders
Sales Order Unit List Price	Calculated as average of unit list price.	SCM - Sales Orders
Sales Order Unit Selling Price	Calculated as average of unit selling price.	SCM - Sales Orders

Business Metric Name	Business Metric Description	Related Subject Areas
Perfect Sales Order Lines Count	Calculated as count of lines with line category as order, lines are shipped and met following conditions: Scheduled ship date is greater than or equal to actual ship date; Line is shipped in full; Line does not have a return order referenced.	SCM - Sales Orders
Perfect Sales Order Lines %	Calculated as perfect order lines divided by lines which are shipped.	SCM - Sales Orders
Perfect Sales Order Count	Calculated as orders which are closed and have all shipped lines as perfect order lines.	SCM - Sales Orders
Perfect Sales Order %	Calculated as count of perfect orders divided by count of closed orders.	SCM - Sales Orders
Sales Order Lines Shipped in Full Count	Calculated as count of lines shipped in full where line is not split.	SCM - Sales Orders
Delayed Sales Order Scheduled Lines	Calculated as average of difference between schedule ship date and requested ship date.	SCM - Sales Orders
Sales Order Return Lines Amount	Calculated as sum of lines amount for line category as return.	SCM - Sales Orders

Procurement

Business Metric Name	Business Metric Description	Related Subject Areas
Spend	Shows the Spend amount during a period.	Procurement - Spend
Addressable Spend	Shows the Addressable amount during a period.	Procurement - Spend
PO Matched Spend	Shows PO Matched amount during a period.	Procurement - Spend
Agreement Spend	Shows Agreement Spend amount during a period.	Procurement - Spend
Non Agreement Spend	Shows Non Agreement Spend amount during a period.	Procurement - Spend
Negotiated Spend	Shows Negotiated Spend amount during a period.	Procurement - Spend
Non Negotiated Spend	Shows Non Negotiated Spend amount during a period.	Procurement - Spend
Agreement Leakage Spend	Shows Agreement Leakage Spend amount during a period.	Procurement - Spend
Suppliers Count	Distinct Count of Suppliers on Invoices.	Procurement - Spend
Buyer Count	Distinct Count of Buyers on Purchase Orders.	Procurement - Spend
Others Non Agreement Spend	Others Non Agreement Spend amount during a period.	Procurement - Spend
Average Spend Per Invoice	Average Spend per Invoice amount during a period.	Procurement - Spend
Electronic Invoices Count	Invoices Count where Invoices aren't created manually.	Procurement - Spend

Business Metric Name	Business Metric Description	Related Subject Areas
Invoices Count	Invoices Count during a period.	Procurement - Spend
Manual Invoices Count	Invoices Count where Invoices are created manually.	Procurement - Spend
Purchase Orders Count	Purchase Order Count during a period.	Procurement - Spend
PO Matched Invoices Count	Invoices Count with Purchase Order reference.	Procurement - Spend
PO Matched Spend %	Shows PO Matched Spend % during a period.	Procurement - Spend
Agreement Spend %	Shows Agreement Spend by PO Matched Spend % during a period.	Procurement - Spend
Negotiated Spend %	Shows Negotiated Spend by PO Matched Spend % during a period.	Procurement - Spend
PO Ordered Quantity	Calculated as sum of quantity net of cancelled quantity at distribution level.	Procurement - Purchase Orders
PO Cancelled Quantity	Calculated as sum of cancelled quantity at distribution level.	Procurement - Purchase Orders
PO Consignment Quantity	Calculated as sum of consigned quantity at distribution level.	Procurement - Purchase Orders
PO Billed Quantity	Calculated as sum of billed quantity at distribution level.	Procurement - Purchase Orders
PO Delivered Quantity	Calculated as sum of delivered quantity at distribution level.	Procurement - Purchase Orders
PO Received Quantity	Calculated as sum of received quantity at schedule level.	Procurement - Purchase Orders
PO Shipped Quantity	Calculated as sum of shipped quantity at schedule level.	Procurement - Purchase Orders
PO Accepted Quantity	Calculated as sum of accepted quantity at schedule level.	Procurement - Purchase Orders
PO Rejected Quantity	Calculated as sum of rejected quantity at schedule level.	Procurement - Purchase Orders
PO Over Receipt Quantity	Shows quantity that is received more that purchase order quantity.	Procurement - Purchase Orders
Purchase Order Count	Count of distinct purchase order headers.	Procurement - Purchase Orders
PO Amendments Count	Calculated as average amendments done for a purchase order.	Procurement - Purchase Orders
PO Internal Amendments Count	Calculated as average number of internal amendments for a purchase order.	Procurement - Purchase Orders
PO Supplier Amendments Count	Calculated as average number of supplier initiated amendments for a purchase order.	Procurement - Purchase Orders
PO Pre Processing Lead Time	Calculated as average difference between purchase order approval date and purchase order creation date for version zero.	Procurement - Purchase Orders
Approvers Count	Calculated as average number of approvers in a purchase order.	Procurement - Purchase Orders
PR to PO Cycle Time	Calculated as average difference between purchase order creation date and requisition line approval date.	Procurement - Purchase Orders

Business Metric Name	Business Metric Description	Related Subject Areas
PO Open Cycle Time	Calculated as average difference between purchase order implement date for version zero and purchase order creation date.	Procurement - Purchase Orders
PO Close Cycle Time	Calculated as average difference between purchase order close date and purchase order creation date.	Procurement - Purchase Orders
Negotiation to PO Cycle Time	Calculated as average difference between purchase order approval date for version zero and negotiation line creation date for purchase orders created from negotiations.	Procurement - Purchase Orders
Requisition Based PO %	Calculated as count of distribution with requisition references divided by count of total distributions.	Procurement - Purchase Orders
PO Buyers Count	Count of distinct buyers.	Procurement - Purchase Orders
PO Payment Terms Count	Count of distinct payment terms.	Procurement - Purchase Orders
PO Ordered Amount	Calculated as sum of ordered amount at distribution level inclusive of inclusive taxes.	Procurement - Purchase Orders
PO Total Exclusive Tax Amount	Calculated as sum of total exclusive tax amount at distribution level.	Procurement - Purchase Orders
PO Total Amount	Calculated as sum of total amount at distribution level.	Procurement - Purchase Orders
PO Non Recoverable Tax Amount	Calculated as sum of non recoverable tax amount at distribution level.	Procurement - Purchase Orders
PO Recoverable Tax Amount	Calculated as sum of recoverable tax amount at distribution level.	Procurement - Purchase Orders
PO Non Recoverable Inclusive Tax Amount	Calculated as sum of non recoverable inclusive tax amount at distribution level.	Procurement - Purchase Orders
PO Delivered Amount	Calculated as sum of delivered amount at distribution level.	Procurement - Purchase Orders
PO Billed Amount	Calculated as sum of billed amount at distribution level.	Procurement - Purchase Orders
PO Cancelled Amount	Calculated as sum of cancelled amount at distribution level.	Procurement - Purchase Orders
PO Accepted Amount	Calculated as sum of accepted amount at schedule level.	Procurement - Purchase Orders
PO Accepted Rate	Calculated as sum of accepted amount divided by sum of received amount at schedule level.	Procurement - Purchase Orders
PO Received Amount	Calculated as sum of received amount at schedule level.	Procurement - Purchase Orders
PO Avg Unit Price	Calculated as sum of ordered amount excluding inclusive taxes divided by sum of ordered quantity.	Procurement - Purchase Orders
PO Max Unit Price	Calculated as maximum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level.	Procurement - Purchase Orders

Business Metric Name	Business Metric Description	Related Subject Areas
PO Min Unit Price	Calculated as minimum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level.	Procurement - Purchase Orders
Average Amount Per PO	Calculated as sum of ordered amount divided by count of distinct purchase orders.	Procurement - Purchase Orders
PO Negotiated Amount	Calculated as sum of negotiated amount at distribution level.	Procurement - Purchase Orders
Over Receipt Amount	Calculated as sum of over receipt amount at schedule level.	Procurement - Purchase Orders
PO Invoice Price Variance	Calculated by deducting the purchase order price from the invoice price.	Procurement - Purchase Orders, Procurement - Spend
PO Receipt Received Quantity	Calculated as sum of received quantity.	Procurement - Receipts
PO Receipt Accepted Quantity	Calculated as sum of accepted quantity.	Procurement - Receipts
PO Receipt Delivered Quantity	Calculated as sum of delivered quantity.	Procurement - Receipts
PO Receipt Rejected Quantity	Calculated as sum of rejected quantity.	Procurement - Receipts
PO Receipt Retuned Quantity	Calculated as sum of returned quantity.	Procurement - Receipts
PO Receipt Consumed Quantity	Calculated as sum of consumed quantity.	Procurement - Receipts
PO Receipt Headers Count	Count of distinct receipt headers.	Procurement - Receipts
PO Receipt Count	Count of distinct receipt lines.	Procurement - Receipts
PO Receipt Schedule Count	Count of distinct purchase order schedule.	Procurement - Receipts
PO Receipt Shipped Quantity	Calculated as sum of shipped quantity.	Procurement - Receipts
PO Received Lines On Time %	Calculated as count of lines received on time divided by count of receipt lines.	Procurement - Receipts
PO Received Lines Late %	Calculated as count of lines received late divided by count of receipt lines.	Procurement - Receipts
PO Received Lines Early %	Calculated as count of lines received early divided by count of receipt lines.	Procurement - Receipts
PO Receipt Lines with Correction Count	Calculated as count of receipt lines with atleast one correction transaction.	Procurement - Receipts
PO Receipt Lines with Correction %	Calculated as receipt corrected count divided by receipt line count.	Procurement - Receipts
PO Receipt Lines Rejected Count	Calculated as count of receipt lines with rejected quantity greater than zero.	Procurement - Receipts
PO Receipt Lines Rejected %	Calculated as receipt rejected count divided by receipt lines count.	Procurement - Receipts
PO Receipt Lines Accepted Count	Calculated as count of receipt lines with accepted quantity greater than zero.	Procurement - Receipts
PO Receipt Lines Accepted %	Calculated as receipt accepted count divided by receipt lines count.	Procurement - Receipts
PO Receipt Lines Returned Count	Calculated as count of receipt lines with returned quantity greater than zero.	Procurement - Receipts
PO Receipt Lines Returned %	Calculated as receipt returned count divided by receipt lines count.	Procurement - Receipts
PO Receipt Post Processing Time	Calculated as average difference between deliver date and receipt date.	Procurement - Receipts

Business Metric Name	Business Metric Description	Related Subject Areas
PO Receipt Processing Time	Calculated as average difference between receipt date and purchase order approval date for version zero.	Procurement - Receipts
PO Receipt Transportation Days	Calculated as average difference between receipt header creation date and shipment date for advance shipment notice based receipts.	Procurement - Receipts
ASN Receipts %	Calculated as count of advanced shipment notice based receipts divided by count of receipt headers.	Procurement - Receipts
PO Agreement Header Count	Count of distinct agreement headers.	Procurement - Agreements
PO Agreement Approval Cycle Time	Calculated as average difference between agreement approval date for version zero and creation date.	Procurement - Agreements
Negotiation to Agreement Approval Cycle Time	Calculated as average difference between agreement approval date for version zero and negotiation line creation date.	Procurement - Agreements
PO Agreement Approvers Count	Calculated as average approvers for version zero of an agreement.	Procurement - Agreements
PO Agreement Item Count	Count of distinct items.	Procurement - Agreements
PO Agreement Supplier Count	Count of distinct suppliers.	Procurement - Agreements
PO Agreement Supplier Site Count	Count of distinct supplier sites.	Procurement - Agreements
PO Agreement Buyer Count	Count of distinct buyers.	Procurement - Agreements
PO Agreement Header Expiring Days	Calculated as average difference between end date and system date where agreement header end date is not null.	Procurement - Agreements
PO Agreement Line Expiring Days	Calculated as average difference between expiration date and system date where either of agreement lines expiration date is not null or header end date is not null.	Procurement - Agreements
PO Agreement Average Number of Revisions	Calculated as average of agreement versions.	Procurement - Agreements
PO Agreement Amendments Count	Calculated as average amendments done for an agreement.	Procurement - Agreements
PO Agreement Internal Amendments Count	Calculated as average number of internal amendments for an agreement.	Procurement - Agreements
PO Agreement Supplier Amendments Count	Calculated as average number of supplier initiated amendments for an agreement.	Procurement - Agreements
PO Agreement Line Quantity	Calculated as sum of agreement line quantity.	Procurement - Agreements
PO Agreement Header Agreed Amount	Calculated as sum of header agreed amount.	Procurement - Agreements
PO Agreement Header Released Amount	Calculated as sum of header released amount.	Procurement - Agreements
PO Agreement Header Released %	Calculated as total agreement released amount divided by agreement amount.	Procurement - Agreements
PO Agreement Line Agreed Amount	Calculated as sum of line agreed amount.	Procurement - Agreements

Business Metric Name	Business Metric Description	Related Subject Areas
PO Agreement Line Released Amount	Calculated as sum of line released amount.	Procurement - Agreements
PO Agreement Line Released Amount %	Calculated as sum of line released amount divided by line agreed amount.	Procurement - Agreements
PO Agreement Remaining Header Amount	Calculated as header agreed amount minus header released amount where agreement amount is not null and agreed amount is greater than released amount.	Procurement - Agreements
PO Agreement Remaining Header Amount %	Calculated as remaining header amount divided by total header agreed amount.	Procurement - Agreements
PO Agreement Remaining Line Amount	Calculated as sum of agreed line amount minus sum of line released amount where agreement line agreed amount is not null and agreed amount is greater than released amount.	Procurement - Agreements
PO Agreement Remaining Line Amount %	Calculated as sum of remaining line amount divided by sum of agreed amount.	Procurement - Agreements
PO Agreement Expired Header Released %	Calculated as header released amount divided by header agreed amount where agreement amount is not null and considering headers which are expired.	Procurement - Agreements
PO Agreement Expired Line Released %	Calculated as line released amount divided by line agreed amount where agreement amount is not null and considering lines which are expired.	Procurement - Agreements
PO Agreement Unit Price	Average of unit price at lines.	Procurement - Agreements
Requisition Amount	Calculated as sum of amount at distribution level and excludes reinstate, split, and replaced line status.	Procurement - Requisitions
Processed Requisition Amount	Calculated as sum of amount at distribution level with requisition lines with processed status. This business metric excludes internal requisition and reinstate, split, and replaced line status.	Procurement - Requisitions
Unfulfilled Requisition Amount	Calculated as sum of amount at distribution level with requisition lines with unfulfilled status. This business metric excludes internal requisition and reinstate, split, and replaced line status.	Procurement - Requisitions
Fulfilled Requisition Amount	Calculated as sum of amount at distribution level with requisition lines with fulfilled status. This business metric excludes internal requisition and reinstate, split, and replaced line status.	Procurement - Requisitions
Requisition Quantity	Calculated as sum of quantity at distribution level and excludes reinstate, split, and replaced line status.	Procurement - Requisitions
Requisition Count	Count of distinct requisitions.	Procurement - Requisitions
Requisition Approval Cycle Time Days	Calculated as average difference between requisition approval date and requisition submitted date for version zero.	Procurement - Requisitions

Business Metric Name	Business Metric Description	Related Subject Areas
Requisition Fulfilled Cycle Time Days	Calculated as average difference between purchase order line fulfill date and requisition line last submitted date. This business metric excludes internal requisition and reinstate, split, and replaced line status.	Procurement - Requisitions
Requisition Unprocessed Average Aging Days	Calculated as average difference between system date and uprocess requisition line last approval date. This business metric excludes internal requisition and reinstate, split, and replaced line status.	Procurement - Requisitions

Prebuilt Dashboards

This section provides information about Oracle Fusion SCM Analytics prebuilt dashboards.

Topics

Overview

A dashboard is an object that provides a series of overview or detailed business metrics

Overview Dashboards

An overview dashboard is a top-level object containing multiple business metrics.

Each dashboard typically contains as many as 8 composite visualizations. These present an aggregated value for the business metric, a supplemental visualization and with a drill down capability to Data Visualization content found in detail dashboards.

To access prebuilt data visualizations, go to **Shared Folders**, click **Oracle**, click **Fusion SCM**, and then click **Overview Dashboards**. All prebuilt decks are migrated to workbooks in Oracle Analytics Cloud, and you can find these in the **Detail Dashboards** folder, located within the parent application folder.

Detail Dashboards

Detail dashboards typically contain more in-depth analyses along with filters focused on a specific topic. These workbooks can be launched directly or starting from an overview dashboard.

To access prebuilt data visualizations, go to **Shared Folders**, click **Oracle**, click **Fusion SCM**, and then click **Detail Dashboards**.

> **Note**
>
> Workbooks have replaced decks and visualizations have replaced cards in release 24R1.

Prebuilt Dashboards - Supply Chain Management

Dashboard Name	Dashboard Description
Order Management	Provides visibility into few business metrics associated with order management.
Inventory Valuations	Provides visibility into few business metrics associated with inventory value and item cost.
Sales Order Fulfillment	Provides visibility into few business metrics associated with order fulfillment.

Prebuilt Dashboards - Procurement

Dashboard Name	Dashboard Description
Procurement - Spend	Provides visibility into the top-level business metrics associated with the spend of an organization.
Procurement Efficiency	Provides visibility into the top-level business metrics associated with the procurement efficiency of an organization.

10 Advanced Configurations

This section provides information about Oracle Fusion SCM Analytics advanced configurations.

Topics

- Oracle Fusion Supply Chain Planning

Oracle Fusion Supply Chain Planning

Oracle Fusion Supply Chain Planning (FSCP) is a self-service advanced capability in Oracle Fusion Data Intelligence that enables you to extract data from a Oracle Fusion Cloud Supply Chain Planning instance. You can use this data to create data augmentations for various Enterprise Resource Planning and Supply Chain Management use cases.

Topics

- Load Planning Data from Fusion Supply Chain Planning into Oracle Fusion Data Intelligence Prebuilt Analytics Model (Preview)
- Support for Supply Chain Planning Analytics
- Supply Chain Planning Subject Areas
- Frequently Asked Questions

Load Planning Data from Fusion Supply Chain Planning into Oracle Fusion Data Intelligence Prebuilt Analytics Model (Preview)

As a service administrator or functional administrator, you can use Oracle Fusion Data Intelligence to acquire data from an Oracle Fusion Cloud Supply Chain Planning instance into a prebuilt analytics model.

To use this feature, be sure Supply Chain Planning Analytics is enabled in Preview Features. See Make Preview Features Available.

1. Create a sample data augmentation to validate the Oracle Fusion Cloud Supply Chain Planning connection is working properly. See Load Data from Fusion Supply Chain Planning into Fusion Data Intelligence (Preview)
    a. In Oracle Fusion Data Intelligence **Console**, click **Data Configuration** under Application Administration, and on the Data Configuration page, under Configurations, click **Data Augmentation**.
    b. Create a sample augmentation for testing the Oracle Fusion Cloud Supply Chain Planning data connection.
    c. Select any one of the facts in the Data Augmentation page and complete the wizard.
    d. In step 6 of the wizard, provide the details and click **Finish** to save and schedule your data augmentation pipeline job to ensure the job completes successfully.

2. Activate the dependent Manufacturing, Order Management, and Purchasing functional areas. See Activate a Data Pipeline for a Functional Area
3. Create the Planning Analytics application.

   In Oracle Fusion Data Intelligence, creating subject areas is dynamic since you have the ability to create subject areas based on the selected plans.

   a. Navigate to the **Data Applications** and create the planning application by selecting one or more plans.
   b. You can generate the extension metadata (RPD Extension). By default option is disabled.
   c. Depending on the number of plans selected, the dynamic subject areas with different granularities are created.
4. Publish the Planning Analytics application.
   a. Generate and publish the custom application.
   b. After the custom application is deployed, you can see the subject areas.

Support for Supply Chain Planning Analytics

Oracle Supply Chain Planning Analytics provides data models to support reporting and analytics for the selected plans in the custom data application for Planning Analytics.

After you've published the custom data application , the following warehouse tables are created in Oracle Fusion SCM Analytics.

- Planning facts: DW_X_SCPA_APP_F_<PLAN_ID>_<Granularity>_F
- Planning dimensions: DW_X_SCPA_APP_<DIM_CODE>_D
- Plan as a Dimension: DW_X_SCPA_APP_PLAN_DETAILS
- Interface / Metadata tables

Planning Facts: DW_X_SCPA_APP_F_<PLAN_ID>_<Granularity>_F

- There's one fact table that's created in Oracle Fusion SCM Analytics for each granularity of the selected plan. This fact has all the associated dimension identifiers and metrics corresponding to the given granularity (the same as all the exposed columns in the Oracle Fusion Cloud Supply Planning extracts).
- The grain of this fact is at the dimensions associated to the given granularity.
- The available Oracle Fusion SCM Analytics dimension keys are denormalized and provided in this fact.

List of common Oracle Fusion SCM Analytics dimensions that are supported:

Product	DW_INVENTORY_ITEM_D
Time	DW_DAY_D
Customer	DW_CUSTOMER_LOCATION_D
Organization	DW_INV_ORGANIZATION_D
Supplier Site	DW_SUPPLIER_SITE_D

Planning Dimensions: DW_X_SCPA_APP_<DIM_CODE>_D

- The dimension tables are provided for each of the dimensions associated with all the granularities of the user selected plans.
- There are two types of dimensions: those which have a hierarchy, and those dimensions which don't have any hierarchies.
- **Hierarchy Dimension**
  – The dimension data is created in Oracle Fusion SCM Analytics only with configured hierarchy levels with functional level names.
  – The dimension data for all hierarchies is pivoted to a single row.
- Non-Hierarchy Dimension
  – All the columns available in the planning dimension extract are created in Autonomous AI Lakehouse (Example: Exception Type, Order Type)

Plan as a Dimension: DW_X_SCPA_APP_PLAN_DETAILS

This dimension provides the details of the selected plans like Plan name, Plan type, and Plan description.

Table 10-1 Interface / Metadata tables

Type	Table Name	Description
Data model details table	DW_X_SCPA_APP_FACT_TABLE_MEASURES_DESCRIPTION	This table provides the description of the measures and metrics used in Supply Chain Planning Analytics.
Data model details table	DW_X_SCPA_APP_PLAN_TABLES	This table provides the list of facts and dimensions generated for each of the user-selected plans. This table helps you understand the list of data models available for the application and the data models used for semantic model extension.
Granularity measure details	DW_X_SCPA_APP_GRANULARITY_DETAILS	This table provides the list of granularity with the granularity details. This metadata provides the Presentation table name for the fact.
Granularity measure details	DW_X_SCPA_APP_GRANULARITY_PLAN_MEASURES	This table provides the list of measures and metrics available at each granularity of the selected plan. This metadata helps to build a single logical fact for each granularity across multiple plans by combining the facts of same granularity of different plans.

Table 10-1 (Cont.) Interface / Metadata tables

Type	Table Name	Description
Hierarchy metadata table	DW_X_SCPA_APP_DIM_HIERARCHY_LEVEL_DETAILS	This table provides the hierarchy level details for each of the hierarchies associated with the dimensions. This helps you build the logical hierarchy in the semantic model. In this table 'Level 1' is the base level.

Supply Chain Planning Subject Areas

Oracle Supply Chain Planning Analytics includes the following subject areas.

- Supplies, Demands, and Pegging
- Resource Requirements
- Planning Exceptions
- Demand Fulfillment

Supplies, Demands, and Pegging

As a planner, analyzing demands, supplies, and pegging details is critical because it forms the foundation for balancing inventory levels, understanding delays, and ensuring high customer satisfaction. End-to-end visibility and traceability is extremely important in planning.

- The Supplies, Demands, and Pegging subject area helps with analyzing and reporting on the Planning output which contains supplies, demands and pegging details.
- The various plan types like "Supply Plan", "Replenishment Plan", and "Demand and Supply Plan" are supported.
- Plan-to-plan comparisons can be done between supplies, demands, and pegging details generated by various plans.

Dimensions

Dimension	Common Dimension	Planning Dimension
Customer	Yes	Yes
Customer Site	Yes	Yes
Date/Time	Yes	No
Item	Yes	Yes
Organization	Yes	Yes
Plan	No	Yes
Supplier	Yes	Yes
Supplier Site	Yes	Yes

Metrics

Metric Name	Description
Expected Scrap Quantity	Represents the expected scrap quantity of the supply record.
Firm Quantity	Represents the Quantity is marked as firm so that the quantity doesn't change during re-plan.
Firm Start Quantity	Represents the Firm quantity of start quantity when item shrinkage is considered in the supply planning.
Implemented Quantity	Represents the Implement quantity of the supply record.
Implement Quantity Rate	Represents the Implement daily rate of the supply record.
Issued Quantity	Represents the Part quantity issued for the Supply/ Demand record.
No of Demands Count	Represents the distinct demands counts.
No of Pegging Count	Represents the distinct pegging record counts.
No of Supplies Count	Represents the distinct supplies counts.
Old Order Quantity	Represents the Old Supply quantity of the supply record or Old Demand quantity of the Demand record.
Original Firm Quantity	Represents the original firm quantity of the Supply/ Demand record.
Original Quantity	Represents the Quantity ordered or break quantity for blanket purchase orders, requests for quotation (RFQs), and quotations for supply record and the original quantity of the Demand record.
Pegged Quantity	Represents the pegging quantity which is the allocated quantity of the Supply to the Demand.
Quantity	Represents the New Order Quantity of the supply record and Using Requirement Quantity of the Demand record.
Quantity Completed	Represents the completed quantity of the total work in progress job quantity.
Quantity In Process	Represents the Quantity in Process.
Quantity Rate	Represents the Quantity Rate of Supply/Demand record.
Quantity Remaining	Represents the remaining quantity of the Work in Progress (WIP) record in supply record.
Quantity Scrapped	Represents the Current job scrapped quantity units for the assembly.
Reserved Quantity	Represents the Quantity reserved of Supply/ Demand record.
Start Quantity	Represents the is the actual quantity of the Supply record.
Total Output Quantity	Represents the quantity produced for the work definition. In process manufacturing, this is the Batch Quantity. This is mapped to Planned start quantity in Manufacturing for discrete jobs.
Unmet Quantity	Represents the Unmet Quantity for Independent Demands.

Resource Requirements

As a Supply planner, reviewing resource requirements ensures all necessary inputs - machinery capacity, raw materials inventory, and skilled labor availability - are confirmed and aligned, establishing the plan's feasibility.

- The Resource Requirements subject area helps with analyzing and report the planning output which contains resource requirements.
- Various plan types like "Supply Plan" and "Demand and Supply Plan" are supported.

Dimensions

Dimension	Common Dimension	Planning Dimension
Customer	Yes	Yes
Customer Site	Yes	Yes
Date/Time	Yes	No
Item	Yes	Yes
Organization	Yes	Yes
Plan	No	Yes
Supplier	No	Yes
Supplier Site	No	Yes

Metrics

Metric Name	Description
Adjusted Resource Hours	Represents the Adjusted Resource Hours of the resource requirement.
Operation Cost	Represents the Operation Cost of the resource requirement.
Operation Yield	Represents the Operation Yield of the resource requirement.
Ready Quantity	Represents the Ready Quantity of the resource requirement.
Resource Hours	Represents the Resource Hours of the resource requirement.
Scheduled Quantity	Represents the Scheduled Quantity of the resource requirement.

Planning Exceptions

As a supply or replenishment planner, you must review planning exceptions they proactively flag urgent deviations in the planning process.

- The Planning Exceptions subject area helps with analyzing and reporting on the Planning exceptions of these Plan types: "Supply Plan", "Replenishment Plan", and "Demand and Supply Plan".
- The Seeded Order-based exceptions data can be compared between various Supply Chain Plans.

Dimensions

Dimension	Common Dimension	Planning Dimension
Customer	Yes	Yes
Customer Site	Yes	Yes
Date/Time	Yes	No
Exception Type	No	Yes
Item	Yes	Yes
Organization	Yes	Yes
Plan	No	Yes
Resource	Yes	Yes
Supplier	Yes	Yes
Supplier Site	Yes	Yes
Work Area	Yes	Yes
Work Center	Yes	Yes

Metrics

All the metrics related to the Seeded Order-based exceptions are supported in this subject area. The common metrics across exceptions are listed in the table below.

Metric Name	Description
Exceptions Count	Represents the Count of Unique exceptions.
Exceptions Quantity	Represents the Exceptions quantity.
Overload Ratio	Applicable only for Resource Overload exception.

Demand Fulfillment

As a planner, analyzing demands at risk and reviewing the recommendations is critical to improve the demand satisfaction, on-time delivery, fill rate etc. Planners can review the prioritized at-risk demands based on order values weighted by the number of associated recommendations.

- This subject area will help in analyzing demand fulfillment output for ‘Supply Planning’ and ‘Demand and Supply’ plans.
- Users can review at-risk demands based on order value and validate the associated recommendations.
- Users can track recommendations and their status.
- Supports descriptive flexfields on common dimensions.

Dimensions for Demand Fulfillment

Dimension	Common Dimension	Planning Dimension
Date/Time	Yes	No
Organization	Yes	Yes
Source Organization	Yes	Yes
Item	Yes	Yes
Customer	Yes	Yes
Customer Site	Yes	Yes
Plan	No	Yes

Dimensions for Recommendations

Dimension	Common Dimension	Planning Dimension
Date/Time	Yes	No
Organization	Yes	Yes
Item	Yes	Yes
Resource	Yes	Yes
Supplier	Yes	Yes
Supplier Site	Yes	Yes
Plan	No	Yes

Metrics

Metric Name	Description
Demand Order Value	This represents the Order Value of the At Risk Demand in Organization Currency.
Demand Order Quantity	This represents the Order Quantity of the At Risk Demand.
Days Late	This represents the Days Late of the At Risk Demand.
Pending Recommendations	This represents the Pending Recommendations Count.
No of Demands Count	This represents the distinct At Risk Demand Count.
Supply Order Value	This represents the Order Value of the pegged supply in Organization Currency.
Supply Order Quantity	This represents the Order Quantity of the pegged supply.
Compression Days	This represents the number of days the supply order starts in the past. If there is a pegged demand with a Demand at risk due to insufficient lead time exception, compression days is the short fall days. When there is no Demand at risk due to insufficient lead time exception for the supply, the value is 0.
Expedite Days	This represents the Expedite Days which is the number of days the order is recommended to be pulled forward.
Reschedule Days	This represents the Difference between old and new schedule dates for existing supplies, calculated by the planning engine.
Available Resource Capacity	This represents the Resource Capacity available between Start Constraint Date and End Constraint Date.
Required Resource Capacity	This represents the Resource Capacity required between Start Constraint Date and End Constraint Date.
Resource Overload Ratio	This represent the Resource Overload Ratio.
Available Supplier Capacity	This represents the Supplier Capacity available between From Date and To Date.
Required Supplier Capacity	This represents the Supplier Capacity required between From Date and To Date.
Supplier Overload Ratio	This represent the Supplier Overload Ratio.
Overload Quantity	This represents the Overload quantity for the Supplier Capacity and Supplier Capacity Constraints recommendations.

Frequently Asked Questions

Review these questions to understand the application:

- Why does Supply Chain Planning Analytics have many dynamically created subject areas?
- What types of dimensions are supported by Supply Chain Planning Analytics?

Why does Supply Chain Planning Analytics have many dynamically created subject areas?

The subject areas for Supply Chain Planning Analytics dynamic are created for each of the granularities in the Planning output of the Supply Chain Plan. For example, granularity 135 is created for Item, Org, Customer, Demand Class, and Time. See Dimensionality Group Codes Used by the Plan Extract Process.

What types of dimensions are supported by Supply Chain Planning Analytics?

Supply Chain Planning Analytics supports both standard Oracle Fusion Data Intelligence dimensions as well as planning dimensions extracted from Oracle Fusion Cloud Supply Chain Planning to Oracle Fusion Data Intelligence. For the planning dimensions, the dimension that's part of the extract dimension catalog (configured in the plan options) is extracted to and supported by Oracle Fusion Cloud Supply Chain Planning.

What types of measures/metrics are supported by Supply Chain Planning Analytics?

Supply Chain Planning Analytics supports both standard seeded measures and custom measures created by users.

In Supply Chain Planning Analytics, is there a limit to the number of measures/metrics extracted to Oracle Fusion Data Intelligence?

Yes. The number of measures is limited by granularity. For example, in granularity 135 you can have up to 250 measures; granularity 125 is limited to 150 measures; granularity 110 is limited to 100 measures, and rest of the granularities can have up to 50 measures.

For additional metrics, you can create calculated metrics in Oracle Analytics Cloud while creating dashboards, or use semantic model extensions if needed.

Does Supply Chain Planning Analytics support private plans, and is it possible to analyze such plans in Oracle Fusion Data Intelligence?

Currently Supply Chain Planning Analytics doesn't support private plans. You should configure your plans as Public plans before extracting the plan data into Oracle Fusion Data Intelligence.

What causes discrepancies between Oracle Fusion Data Intelligence Planning data and Fusion Applications Planning data?

The Planning extracts are generated from Fusion Supply Chain Planning outputs and are regenerated with each Supply Chain Plan run. If the plan is re-run and the updated data aren't loaded into Oracle Fusion Data Intelligence, discrepancies may occur. To resolve this, perform a full reload of the Planning Analytics data in Oracle Fusion Data Intelligence.

A

Report Authoring Tips

This section provides tips and guidelines for creating effective and timely reports.

Topics

Common Report Authoring Tips

Improve all of your Oracle Fusion Data Intelligence reports with these recommendations and answers to frequently asked questions regarding reporting. The information isn't exhaustive and is updated regularly with additional information and authoring tips.

Tips for Filters

When applying filters to reports, follow these guidelines:

- Use dashboard filters instead of workbook or canvas filters for user interactions in analyses.
- Use workbook filters for hidden and non-interaction filters.
- To improve the performance of prompts, set the Limit by Values to **None** in System Settings so that it's applied to all workbooks by default. You can change this setting in specific workbook filters if needed, however the default value of None should remain.
- When applying a filter on an attribute, use a Code column (when available) instead of a Name or Description column.
- Always apply the necessary filters first before you start building visualizations to ensure optimal queries are created when you add the metrics required in the visualization.
- To improve performance, use the presentation period columns from a day presentation table when applying filters, such as Year, Quarter, and Month, and avoid using dynamic time rollup columns.

Tips for Brushing

Disable brushing to improve report performance. See Update Canvas Properties.

Tips for Working with Currency

To display the currency format for currency amounts, set the number format in each visualization as a custom currency. Then in the subject area folder, select the currency column. See Set Currency Symbols for Visualizations.

Tips for Reporting on Attributes Across Multiple Dimensions

When reporting on attributes against multiple dimensions, always use a measure in the report. In subject areas with more than one fact, the measure sets the correct context in the query, builds an accurate navigational path, and returns the expected results. If you don’t want the measure to show in the report, hide it. See Hide or Delete a Column.

Tips for Presentation Hierarchies

- To optimize performance when displaying presentation columns in a visualization, use the level-specific presentation columns (for example, Cost Center Level 31).
- If you need to display a presentation hierarchy, use a tree hierarchy.
- When using a tree hierarchy, avoid selecting the base columns located under the tree hierarchy folder unless there's a specific business requirement.

These columns can significantly degrade performance and may produce incorrect results when workbook filters aren't applied. This behavior occurs because fact rows are replicated across all hierarchy levels and hierarchy versions to make segment values available throughout the hierarchy structure. See Work with Presentation Tables and Columns.

Report Authoring Tips for Oracle Fusion SCM Analytics

Improve your Oracle Fusion SCM Analytics and Fusion PROC Analytics reports with these recommendations and answers to frequently asked questions regarding reporting. The information isn’t exhaustive and is updated regularly with additional information and authoring tips.

Tips for Querying on the Common Fiscal Calendar Dimension

Select a Fiscal Calendar to analyze Purchase Order, Spend, Requisition, and Receipt to avoid aggregating data across different Fiscal Calendars.

Tips for reporting on the SCM — Manufacturing Work Orders Subject Area

The Work Order Subject Area is at different levels: Work Order and Operations.

- The granularity of the subject area is at the Operations level.
- The Metrics folder has measures at Work Order and Operations.

When qerying on this subject area, use as a Time filter for better performance.

Tips for Querying on Balancing Segment, Natural Segment, Cost Center, and GL Segment 1 - 10 in relevant Supply Chain and Procurement Subject Areas

When reporting on qualified or non-qualified segments, use the segment code attributes instead of the name or description to improve performance.

Tips for Querying on SCM — Inventory Valuations

Use Cost Organization, Cost Book, Valuation Unit, and Valuation structure filters to ensure better performance when using a fiscal calendar filter.

Tips for Querying on SCM — Item Cost

Use Cost Organization, Cost Book, Valuation Unit, and Valuation structure filters to improve performance when using a fiscal calendar filter.

Tips for Querying Across Subject Areas

When joining two subject areas in a report, use at least one attribute from a common dimension.

This Bus Matrix shows the Conforming Dimension for SCM subject areas. Review the spreadsheet before creating a cross subject area analysis.

Recommended Filters

Items with an asterisk (*) are required.

Subject Area	Presentation Table (Recommended Filter)
Enterprise Contracts - Contracts	• *Contract Business Unit.Contract Business Unit • Name • *Time.Year/Quarter/Month
OTM - Order Bases	• *Time. Year,Quarter,Month • *Domain.Domain ID
OTM - Order Releases	• *Time. Year,Quarter,Month • *Domain.Domain ID
OTM - Shipments	• *Time. Year,Quarter,Month • *Domain.Domain ID
OTM - Shipments	• *Time.Year/Quarter/Month • *Domain.Domain ID
Procurement - Suppliers	• *Time.Year • *Procurement Business Unit.Procurement Business Unit Name
Product Management - Change Order	• *Change Type • *Inventory Organization • *Time(Quarter)
Product Management - Item Relationships	If you create a report and add all five counts from the Fact - Item Relationships subject area, you may experience performance issues
Product Management - Item Revisions	• *Inventory Organization • *Item Class
Product Management - Item Structures and Components	• *Inventory Organization • *Time(Quarter) • *Category Code
SCM - Cogs and Gross Margin	• *Time. Fiscal Calendar Name/Fiscal Year/ Fiscal Quarter/Fiscal Period • *Cost Organization Book Details. Cost Organization • *Cost Organization Book Details. Cost Book • *Business Unit.Business Unit • *Inventory Organization.Inventory Organization • Cost Organization Book Details.Cost Book Effective Start Date • Cost Organization Book Details.Cost Book Effective End Date

Subject Area	Presentation Table (Recommended Filter)
SCM - Cost Accounting	• *Time. Fiscal Calendar Name • *Time. Fiscal Year/Fiscal Quarter/Fiscal Period • Legal Entity. Legal Entity Name • *Cost Organization Book Details. Cost Book, Cost Organization
SCM - Draft Sales Orders	• *Time. Fiscal Calendar Name/Fiscal Year/ Fiscal Quarter/Fiscal Period • *Sales Business Unit.Sales Business Unit • *Inventory Organization.Inventory Organization • *Unit of Measure.UOM
SCM - Draft Sales Orders Holds	• *Time. Fiscal Calendar Name/Fiscal Year/ Fiscal Quarter/Fiscal Period • *Sales Business Unit.Sales Business Unit • *Inventory Organization.Inventory Organization
SCM - Inventory Aging	• *Time. Fiscal Calendar Name • *Time. Fiscal Year/Fiscal Quarter/Fiscal Period • *Inventory Organization. Inventory Organization Name • Unit of Measure. Item Primary UOM • Business Unit. Business Unit
SCM - Inventory Balances	• *Time. Fiscal Calendar Name/Fiscal Year/ Fiscal Quarter/Fiscal Period • *Inventory Organization. Inventory Organization Name • *Unit of Measure. Item Primary UOM • Inbound Details. Document Type
SCM - Inventory PAR	• *Time. Fiscal Calendar Name • *Time. Fiscal Year/Fiscal Quarter/Fiscal Period • *Inventory Organization. Inventory Organization Name • Unit of Measure. Item Primary UOM • Subinventory • Item Category.Category
SCM - Inventory Receipts	• *Time. Fiscal Calendar Name/Fiscal Year/ Fiscal Quarter/Fiscal Period • *Inventory Organization. Inventory Organization • *Unit of Measure. Item Primary UOM
SCM - Inventory Transactions	• *Time. Fiscal Calendar Name/Fiscal Year/ Fiscal Quarter/Fiscal Period • *Inventory Organization. Inventory Organization Name • *Unit of Measure. Item Primary UOM • Item Category.Category • Subinventory
SCM - Inventory Turns	• *Time. Fiscal Calendar Name • *Time. Fiscal Year/Fiscal Quarter/Fiscal Period • *Inventory Organization. Inventory Organization Name • *Unit of Measure. Item Primary UOM • *Business Unit.Business Unit Name

Subject Area	Presentation Table (Recommended Filter)
SCM - Inventory Valuations	• *Time. Fiscal Calendar Name/Fiscal Year/ Fiscal Quarter/Fiscal Period • *Cost Organization Book Details. Cost Organization • *Cost Organization Book Details. Cost Book • *Cost Valuation Unit. Valuation Unit • Cost Valuation Unit. Valuation Structure Type • *Valuation Details.Cost Method • *Inventory Item.Item • Catalog.Catalog Item • Category.Category
SCM - Item Cost	• *Time. Fiscal Calendar Name/Fiscal Year/ Fiscal Quarter/Fiscal Period • *Cost Organization Book Details. Cost Organization • *Cost Organization Book Details. Cost Book • *Cost Valuation Unit. Valuation Unit Cost Valuation Unit. Valuation Structure Type Inventory Item. Item • Cost As-of Date. Cost As-of Fiscal Date/Cost As-of Fiscal Year/ Cost As-of Fiscal Quarter/ Cost As-of Fiscal Period • *Cost Details.Cost Method
SCM - Maintenance Materials	• *Time • *Manufacturing Organization
SCM - Maintenance Operation Transactions	• *Time • *Manufacturing Organization
SCM - Maintenance Resources	• *Time • *Manufacturing Organization
SCM - Maintenance Work Orders	• *Time • *Manufacturing Organization
SCM - Manufacturing Materials	• *Time • Manufacturing Organization (Don't select No Value from list)
SCM - Manufacturing Operation Transactions	• *Time • Manufacturing Organization (Don't select No Value from list)
SCM - Manufacturing Resources	• *Time • Manufacturing Organization (Don't select No Value from list)

Subject Area	Presentation Table (Recommended Filter)
SCM - Manufacturing Work Orders	• *Time • Manufacturing Organization (Don't select No Value from list) **Note** You should have only a few values in the mandatory filters to improve performance. Removing all the values or selecting all may cause performance issues. Don't turn off mandatory filters in seeded workbooks.
SCM - Picking and Shipping	• *Time. Fiscal Calendar Name/Fiscal Year/ Fiscal Quarter/Fiscal Period • * Business Unit. Business Unit • *Inventory Organization. Inventory Organization • Order Details. Sales Order • Catalog.Catalog • Item Category.Category
SCM - Receipt Accounting	• *Time.Fiscal Calendar Name • *Time.Fiscal Year/Fiscal Quarter/Fiscal Period Legal Entity.Legal Entity Name • Source Organization. Source Organization Name • *Business Unit.Business Unit • Destination Organization.Destination Organization Name • Ledger.Ledger Name • Receipt Accounting Transaction Details.Source • Document Type Inventory • Item.Item
SCM - Sales Orders	• *Time. Fiscal Calendar Name/Fiscal Year/ Fiscal Quarter/Fiscal Period • *Sales Business Unit.Sales Business Unit • *Inventory Organization.Inventory Organization • *Unit of Measure.UOM
SCM - Sales Orders Holds	• *Time. Fiscal Calendar Name/Fiscal Year/ Fiscal Quarter/Fiscal Period • *Sales Business Unit.Sales Business Unit • *Inventory Organization.Inventory Organization • Hold Active • Hold Source Entity

Subject Area	Presentation Table (Recommended Filter)
SCM - Transfer Orders	• Destination Organization .Destination Organization Name • Source Organization. Source Organization Name • Inventory Item. Item • Transfer Order Details. Transfer Order • *Time. Fiscal Calendar Name/Fiscal Year/ Fiscal Quarter/Fiscal Period
SCM - Work Order Costing	• *Time. Fiscal Calendar Name • *Time. Fiscal Year/Fiscal Quarter/Fiscal Period • *Legal Entity. Legal Entity Name • *Cost Organization Book Details. Cost Book, Cost Organization • *Catalog.Catalog • *Manufacturing Organization.Manufacturing Organization Name
SCP - Demands - Supplies and Pegging	• *Date.Quarter • *Inventory Organization (Common).Inventory Organization • *Inventory Item (Common)/Item
SCP - Planning Exceptions	• *Date.Quarter • *Inventory Organization (Common).Inventory Organization • *Inventory Item (Common)/Item
Sustainability - Activities	• *Time.Fiscal Calendar/Fiscal Year/Fiscal Quarter • Legal Entity.Legal Entity Name • Activity Details.Activity Type • Activity Details.Scope
WMS – Inbound	• *Time.Year/Quarter/Month • *Company.Company Name • *Unit of Measure.UOM Name • *Facility.Facility Name
WMS - Inventory Onhand	• *Time.Year/Quarter/Month • *Company.Company Name • *Unit of Measure.UOM Name • *Facility.Facility Name
WMS - Inventory Replenishment	• *Time. Year,Quarter,Month • *Company. Company Name • *Facility. Facility Name
WMS - Outbound	• *Time. Year,Quarter,Month • *Allocation. Allocation Status • *Company. Company Name • *Facility. Facility Name
WMS - Outbound	• *Time.Year/Quarter/Month • *Facility.Facility Name • *Company.Company Name • *Allocation.Allocation Status

Report Authoring Tips for Procurement Analytics

Improve your Oracle Fusion Data Intelligence PROC reports with these recommendations and answers to frequently asked questions regarding reporting. The information isn't exhaustive and is updated regularly with additional information and authoring tips.

Tips for Querying on Spend Classification Categories in Procurement - Purchase Orders, Procurement - Requisitions, or Procurement - Spend

Select only one taxonomy dimension to analyze the fact metrics in one report to avoid joins across large data volume fact tables.

Recommended Filters

Items with an asterisk (*) are required.

Subject Area	Presentation Table (Recommended Filter)
Procurement - Accrual Balances at Period End	• *Time. Fiscal Calendar Name • *Time. Fiscal Year/Fiscal Quarter/Fiscal Period • *Inventory Organization: Inventory Organization • *Business Unit. Business Unit
Procurement - Accrual Balances at Receipt	• *Time. Fiscal Calendar Name • *Time. Fiscal Year/Fiscal Quarter/Fiscal Period • *Inventory Organization: Inventory Organization • *Business Unit. Business Unit
Procurement - Agreement Change Orders	• *Time.Year/Quarter/Month • *Agreement Procurement Business Unit.Agreement Procurement Business Unit Name
Procurement - Agreements	• *Agreement Procurement Business Unit.Agreement Procurement Business Unit Name • Document Details.Agreement Document Type • Supplier.Supplier Name • Purchasing Category.Purchasing Category • *Time.Year/Quarter/Month • Buyer.Buyer
Procurement - Purchase Order Change Orders	• *Time.Fiscal Calendar Name (Single Selection) • *Time.Fiscal Year/Fiscal Quarter/Fiscal Period • *Procurement Business Unit. Procurement Business Unit Name

Subject Area	Presentation Table (Recommended Filter)
Procurement - Purchase Orders	• Requisition Business Unit.PO Header Requisition Business Unit Name • *Time.Fiscal Calendar Name (Single Selection) • *Time.Fiscal Year/Fiscal Quarter/Fiscal Period • *Procurement Business Unit. Procurement Business Unit Name • Buyer.Buyer • Purchasing Category.Purchasing Category • Unit of Measure.UOM (if quantity metrics are selected in the report) (single selection)
Procurement - Receipt Accounting	• *Time. Fiscal Calendar Name • *Time. Fiscal Year/Fiscal Quarter/Fiscal Period • Legal Entity. Legal Entity Name • Inventory Organization: Inventory Organization • *Business Unit. Business Unit
Procurement - Receipts	• *Procurement Business Unit. Procurement Business Unit Name • Supplier. Supplier Name • *Time. Fiscal Calendar Name • *Time. Fiscal Year/Fiscal Quarter/Fiscal Period • Buyer.Buyer
Procurement - Requisitions	• *Requisition Business Unit. Requisition Business Unit Name • Supplier.Supplier Name • Purchasing Category.Purchasing Category • *Time.Fiscal Calendar Name (Single Selection) • *Time.Fiscal Year/Fiscal Quarter/Fiscal Period • Buyer.Buyer • Purchasing Category.Purchasing Category • Unit of Measure.UOM (if quantity metrics is selected in the report) (Single Selection)
Procurement - Sourcing - Negotiations	• *Time.Fiscal Calendar Name (Single Selection) • *Time.Fiscal Year/Fiscal Quarter/Fiscal Period • *Procurement Business Unit. Procurement Business Unit Name • Purchasing Category.Purchasing Category
Procurement - Sourcing - Responses and Awards	• *Time.Fiscal Calendar Name (Single Selection) • *Time.Fiscal Year/Fiscal Quarter/Fiscal Period • *Procurement Business Unit. Procurement Business Unit Name • Purchasing Category.Purchasing Category

Subject Area	Presentation Table (Recommended Filter)
Procurement - Spend	• *Payables Invoicing Business Unit.Payables Invoicing Business Unit Name • Supplier.Supplier Name • *Ledger.Ledger Type Name • *Time.Fiscal Calendar Name (Single Selection) • *Time.Fiscal Year/Fiscal Quarter/Fiscal Period • Buyer.Buyer • Purchasing Category.Purchasing Category • Unit of Measure.UOM (if quantity metrics is selected in the report) (Single Selection)
Procurement - Supplier Qualification Management	• *Time.Fiscal Calendar Name • *Time.Fiscal Year/Fiscal Quarter • *Procurement Business Unit.Procurement Business Unit • * Business Unit.Business Unit
Procurement - Supplier Registration	• *Time.Fiscal Calendar Name • *Time.Fiscal Year/Fiscal Quarter • *Inviting Procurement Business Unit.Inviting Procurement Business Unit • * Business Unit.Business Unit

Cross-Subject Area Report Authoring Tips

Oracle Fusion Data Intelligence isn't limited to one area of information. It allows you to combine data from more than one subject area, opening up a world of possibilities for analysis. Such queries, referred to as cross-subject area analysis, are a testament to the comprehensive nature of the platform. The following section discusses different types of cross-subject area analyses and best practices for building cross-subject area analysis, giving you the confidence to explore the full potential of the platform.

There are three broad categories for building cross-subject area analyses:

- Using conformed dimensions only
- Using conformed and non-conformed dimensions
- Combining more than one subject area using union operators

Conformed, or common, dimensions have the same meaning and value across different fact tables or subject areas, meaning, they are common dimensions across all dimensions. For example, Business Unit is a conforming dimensions across all the Fusion SCM Analytics subject areas.

Non-conformed, or non-common, dimensions are dimensions that aren't attached to all the fact tables or subject areas. For example, the SCM - Manufacturing Work Orders subject area has Work Order Supplier Operations folders that contain information which is only specific to the SCM - Manufacturing Work Orders and isn't relevant to other subject areas.

Cross-Subject Area Analysis Using Conforming Dimensions

You can create a visualization from multiple subject areas using facts and confirming dimensions from all the subject areas. There are clear advantages to building a visualization that only uses conforming dimensions from across subject areas. You can use any metric from any subject area in your report and join on conforming dimensions. This allows you to include metrics from multiple subject areas in a single visualization.

Always follow the best practices mentioned in Common Report Authoring Tips.

General Guidelines

- If all the required metrics and attributes for the report are available in a single subject area and fact, use that single subject area only and don't create a cross-subject area query.
- When you want to bring the data from more than one subject area, you must choose metrics from all the subject areas in the analysis.
- Start with the necessary filters before you start building visualizations to ensure you use the best performing queries when you add the necessary metrics required in the visualization.
- Always start by selecting all the columns in one subject area, including the facts and dimensions, and then add the facts from the second subject area.
- Always start by adding the Fiscal Calendar Name and Time Dimensions filters first. Restrict the data for one period, and then build on to the report by adding facts and columns one-by-one from one or more subject areas.
- When joining two subject areas in a report, use at least one attribute from a common dimension. Refer to the bus matrix for common (conforming) dimensions.

See Bus Matrix for the list of conforming dimensions for Fusion SCM Analytics.

Cross-Subject Area Analysis Using Conforming Dimensions and Non-Conforming Dimensions

You need to study the subject areas you're using when you create cross-subject area analyses using common (conforming) and non-common (non-conforming) dimensions in a single report. Each subject area has a fact and each fact has a transactional grain, so you need to review and understand the transactional grain of each subject area you use. See Subject Areas.

After reviewing the transactional grain of the subject areas, follow these guidelines to create your report.

- First, analyze the structure of the subject areas and the type of report that you are planning to create.
- Start by creating separate reports for the subject areas that you want to combine by adding the necessary metrics and the dimensions in the necessary reports.
- Add more filters to reduce the data scope to understand and analyze the transaction grain of both, or all, the reports.
- After analyzing, you can start by choosing one report and start adding non-conforming dimensions one by one from the other reports.
- Review the logical and physical queries at each step. Understand how to construct a logical query and how to join two logical queries on common dimension attributes. See Expression Editor Reference.

Challenges with Conforming and Non-Conforming Dimensions

Creating reports with conforming and non-conforming dimension can cause two types of issues:

- Report errors
- Unexpected results

To work around these issues, perform these steps:

1. Add expression filters in the report to force a specific join path. Oracle Analytics supports many types of filters to focus on the most interesting data in visualizations, canvases, and workbooks. Expression filters allow you to create complex filters using SQL expressions. For example, you can create an expression filter in to join a non-confirming attribute from one subject area to the non-conforming attribute of another subject area. See Filter Types.
2. Use action links. You need to break up the report with conforming and non-conforming dimensions into two separate reports. Add the reports to separate canvases in the same workbook or create separate workbooks and use a data action to link them together. A data action link passes context values as parameters to other workbooks or visualizations. You can use the data action to drill from one subject area to another. This creates an interactive way to review the content of the reports without having to join them together. Data actions are often required to move from one report to another, especially when you can't join both reports. See Use Data Actions.

Combining Subject Areas Using Union Operators

You can create an analysis by combining data from one or more subject areas using union operators. To combine the data from one or more subject areas using union operators, you create datasets from local subject areas stored in your Oracle Analytics instance. See Create a Dataset from a Local Subject Area.

To create the datasets from local subject areas, you can drag and drop the subject areas and select the columns. Or you can copy the logical SQL from an existing report and create local subject areas based on the local SQL. Use this option to create the logical SQL queries using union operators.

General Guidelines

- Start by creating separate reports for the subject areas that you want to combine by adding the necessary metrics and the dimensions in the necessary reports.
- Analyze the local SQL statements in the logs of individual reports and use them to create a dataset.
- Always have the necessary filters before you finalize the logical SQL statements to ensure the queries are optimized when you build the dataset and add the metrics required in the visualization.
- To simplify troubleshooting, add an additional field to identify which part of the local SQL the data is coming from.
- For optimized performance, limit the amount of the data that is brought in to the dataset.

Bus Matrix

This Bus Matrix shows the conforming dimension for Fusion SCM Analytics subject areas. Review the spreadsheet before creating a cross-subject area analysis.

B

Frequent Data Refresh V2 Data Lineage (Preview)

Overview

Frequent Data Refresh (FDR) for Oracle Fusion SCM Analytics updates data at short intervals to keep information current and accurate.

You can use the new Frequent Data Refresh V2 (FDR V2) feature to get the latest information for relevant functional areas and custom data settings. For the selected modules, data is refreshed across all necessary tables, and the FDR flag is added to the relevant subject areas. FDR aims to bring transaction information for base datasets.

Derived data, such as aggregate tables and snapshots, aren't part of the FDR process. Dimensional data is excluded from the default FDR because it's considered non-transactional data.

You can add available dimension tables and data augmentation tables to the frequent refresh tables based on your reporting needs.

GL Code Combinations are excluded by default in FDR V2. To accommodate new GL code combinations in transaction tables, you must include the following tables by selecting them explicitly:

- DW_GL_CODE_COMBINATION_D
- DW_FLEX_BI_OBJECT_LBL_LKP_TL

Review the functional areas currently available for FDR V2 to ensure you select the appropriate ones.

Frequent Data Refresh V2 Database Objects Spreadsheet

Use this spreadsheet that contains details of the database objects supported for FDR V2. This sheet also includes the information about the date columns that are used to construct the Lambda Objects.

For more details about Lambda objects, see Frequent Data Refresh Delta Tables and Lambda View Details.

Frequent Data Refresh V2 Metrics Spreadsheet

Use this spreadsheet that contains details of the metrics supported for FDR V2.

C

Frequently Asked Questions

The Oracle Fusion SCM AnalyticsFrequently Asked Questions (FAQs) provide answers to the most commonly asked questions and provide solutions to improve your analytics experience.

Topics:

- Common Frequently Asked Questions
- Costing Frequently Asked Questions
- Inventory Frequently Asked Questions
- Manufacturing Frequently Asked Questions
- Procurement Frequently Asked Questions

Common Frequently Asked Questions

The Common Frequently Asked Questions (FAQs) provide answers to the most commonly asked questions about your analytics experience.

Topics:

- How can I assign data security in Fusion Data Intelligence?
- How do I synchronize data security from Oracle Fusion Cloud Applications with Fusion Data Intelligence?
- Why am I not able to see the Project-related details in the SCM subject areas?
- Why do I see the metrics multiplied when a Catalog and Functional Area is selected in a report?

How can I assign data security in Fusion Data Intelligence?

You can assign data security using these methods:

- Assign security context to users manually. See Create a Security Assignment.
- Assign security context to users by downloading and uploading the data security assignments. See Upload and Download Data Security Assignments.
- Propagate data security from Oracle Fusion Cloud Applications (Cloud SCM). See How do I synchronize data security from Oracle Fusion Cloud Applications with Fusion Data Intelligence?.

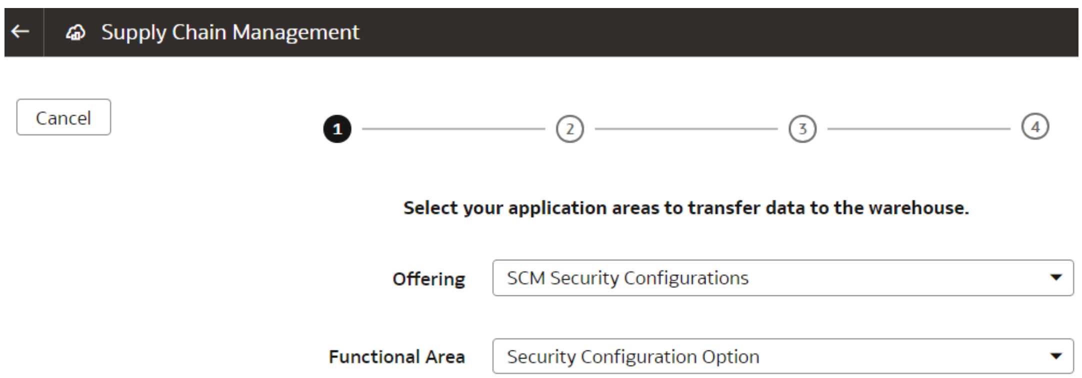
How do I synchronize data security from Oracle Fusion Cloud Applications with Fusion Data Intelligence?

To synchronize data security, you must create a pipeline for the "Security Configuration Option" functional area in the "SCM Security Configurations" offering. This pipeline enables Fusion Data Intelligence to extract the user security assignment details from Oracle Fusion Cloud Applications (Cloud SCM) and load it into Fusion Data Intelligence. Based on the user configuration in Oracle Fusion Cloud Applications (Cloud SCM), the synchronization process assigns the inventory organization, cost organization, requisition business unit, and procurement business unit (PO Agent) values to the users in Fusion Data Intelligence.

To apply the existing Fusion security assignments within Fusion Data Intelligence, you must map the data security roles to groups, and then upload the job role mappings using Upload Center. See Apply Existing Fusion Security Assignments .

To ensure that synchronization happens frequently, you must schedule the incremental refreshes. See Set Up the Pipeline Parameters.

1. Sign in to your service.
2. In Fusion Data Intelligence, click the Navigator.
3. In the **Navigator** menu, click **Console**.
4. On the Console, click **Data Configuration** under **Application Administration**.
5. On the Data Configuration page, click **Supply Chain Management**.
6. On the service page, click **Create**, select **SCM Security Configurations** in **Offering**, select **Security Configuration Option** in **Functional Area**, and then click **Next**.



7. Review the parameters and click one of the options:
   - **Cancel**: To cancel the data pipeline for the functional area.
   - **Save**: To save the data pipeline for the functional area but not activate it.
   - **Activate**: To schedule when to run the data pipeline for the functional area. See Activate a Data Pipeline for a Functional Area.

Why am I not able to see the Project-related details in the SCM subject areas?

To view the Project-related details in the SCM subject areas, ensure that the "Project Costing" functional area has been activated in Oracle Fusion ERP Analytics.

Why do I see the metrics multiplied when a Catalog and Functional Area is selected in a report?

When building analyses, Fusion Data Intelligence displays the metric at the grain in which it has been designed. For example, Sales Orders are at the Fulfillment line level, therefore adding Catalog and Functional Area will multiply the metric values. To see the correct value of the metric, use the Functional area as a filter and choose an appropriate Functional area value.

Costing Frequently Asked Questions

The Costing Frequently Asked Questions (FAQs) provide answers to the most commonly asked questions about your Costing analytics experience.

Topics:

- Why isn't COGS and Gross Margin subject area showing any data?
- Why isn't Inventory Valuation showing any data?
- Why can't I see the unpublished cost scenarios and published cost scenarios without transaction for standard cost methods in the SCM - Item Cost subject area?

Why isn't COGS and Gross Margin subject area showing any data?

You need to set up a new run control for the cost reports processor using the Create Cost Accounting Distributions page in Oracle Fusion Cloud Supply Chain & Manufacturing, which generates the inventory valuation data.

1. Navigate to the Create Cost Accounting Distribution screen.
2. Define the **Run Control** or select an existing **Run Control**.
3. Select **View**, then select **Columns**, and then click **Show All** to see the Cost Reports processor.
4. Enable the Cost Reports processor.
5. Schedule the newly defined run control.

Why isn't Inventory Valuation showing any data?

You need to set up a new run control for the cost reports processor using the Create Cost Accounting Distributions page in Fusion Cloud SCM, which generates the inventory valuation data.

Why can't I see the unpublished cost scenarios and published cost scenarios without transaction for standard cost methods in the SCM - Item Cost subject area?

This is a Preview feature. To see the cost scenarios, enable the 'Unpublished Cost scenarios and published cost scenario without transactions' Pipeline Features. See Features Available for Preview.

Inventory Frequently Asked Questions

The Inventory Frequently Asked Questions (FAQs) provide answers to the most commonly asked questions about your Inventory analytics experience.

Topics:

- Are Backdated inventory transactions considered in the Inventory Balances subject area?
- Which type of quantities are shown in the Inventory Balances subject area?
- Why isn't the Category Hierarchy data correct? Why can't I see the latest changes?
- Why do I see duplicate rows when including the Item Catalog Category attributes in an analysis?
- Why isn't the unit of measure (UOM) conversion showing any data?

- Why isn't the unit of measure (UOM) conversion correct or current?
- Why isn't Historic Inventory Balances showing the current month's Inventory Balances?
- Why am I not able to see PO number, Supplier, ASN, and other Purchasing and Inventory related document information in the Inbound Details folder in the Inventory Balances subject area?
- Why can't I see information related to see PO and ASN receipts in the Inventory Receipts subject area?
- Why isn't the Inventory Turns subject area showing Onhand Quantity, Sales Quantity, Historic Balances, and Transactions for items over 1+ years of age?
- Why do I see duplicate records for an item number when creating an analysis based on prebuilt Subject Area Inventory Balances / Inventory Item / Item column?
- How is Current Inventory Onhand Value metric in the Inventory Turns Subject area different from other metrics like Costed On-hand amount, Accounted On-hand Amount, and Unaccounted On-hand Amount metrics in the Inventory Valuation Subject area?

Are Backdated inventory transactions considered in the Inventory Balances subject area?

The Inventory Balances subject area doesn't support backdated inventory transactions when calculating period historic balances in Fusion SCM Analytics. If backdated inventory transactions need to be included in Inventory Balances, then reset the data pipeline for the Inventory Balances functional area. See Reset a Data Pipeline for a Functional Area.

Which type of quantities are shown in the Inventory Balances subject area?

Currently, the Inventory Balances subject area supports Regular on hand quantities.

Why isn't the Category Hierarchy data correct? Why can't I see the latest changes?

To ensure that the Category Heirarchy data is correct and reflects the latest changes, manually submit the Oracle Enterprise Scheduler (ESS) job, *Refresh Product Hub Snapshots* in Fusion Cloud SCM.

Why do I see duplicate rows when including the Item Catalog Category attributes in an analysis?

When building analyses, Fusion Data Intelligence uses the Item Catalog Category attributes. You see all the Item Catalog Categories associated for the Item in the analyses. To see specific Item Catalog Categories, use the Item Catalog Category filter.

Why isn't the unit of measure (UOM) conversion showing any data?

Run the Oracle Enterprise Scheduler (ESS) job, *Generate Item UOM Conversions for Primary Units*. This job creates and maintains the set of UOM conversions for the primary unit of measure for every item in Fusion Cloud SCM. This is a prerequisite to see the UOM conversions for the primary unit of measure for every item.

Why isn't the unit of measure (UOM) conversion correct or current?

There are two possible scenarios for an incorrect UOM conversion:

- Scenario 1: Only Standard UOM conversions initially exist, and the Inter or intra class UOM conversion is defined later in Fusion Cloud SCM.
- Scenario 2: The UOM conversion is end dated in Fusion Cloud SCM before or after a load happens in Fusion Data Intelligence.

In both scenarios, unless you apply the updates to transactions in Fusion Data Intelligence, Fusion Cloud SCM won't consider the latest UOM conversion.

Why isn't Historic Inventory Balances showing the current month's Inventory Balances?

Historic Inventory Balances show Onhand balance as at 11:59 pm of the last day for the past 11 months in the Inventory Balances subject area.

Why am I not able to see PO number, Supplier, ASN, and other Purchasing and Inventory related document information in the Inbound Details folder in the Inventory Balances subject area?

To view the PO number, Supplier, ASN, and other Purchasing and Inventory related document information under the Inbound Details folder in the Inventory Balances subject area, ensure that the "Purchasing" functional area has been activated.

Why can't I see information related to see PO and ASN receipts in the Inventory Receipts subject area?

All receipts information, including PO and ASN receipts, is available in the Inventory Receipts (Preview) subject area. You need to enable Inventory Receipts (Preview) to see all Inventory receipts information.

Why isn't the Inventory Turns subject area showing Onhand Quantity, Sales Quantity, Historic Balances, and Transactions for items over 1+ years of age?

The Inventory Turns subject area currently shows Onhand Quantity, Sales Quantity, Historic Balances, and Transactions for items only for the past 365 days.

Why do I see duplicate records for an item number when creating an analysis based on prebuilt Subject Area Inventory Balances / Inventory Item / Item column?

This is expected behavior if data is deleted from Fusion Applications. This shouldn't create any issues on your report if you report on the data based on the correct keys. When analyzing on the dimension only, remove or clean stale data, then perform a hard reset and reload the data.

How is Current Inventory Onhand Value metric in the Inventory Turns Subject area different from other metrics like Costed On-hand amount, Accounted On-hand Amount, and Unaccounted On-hand Amount metrics in the Inventory Valuation Subject area?

The Current Inventory Onhand Value metric in the Inventory Turns subject area differs from the Costed On-hand Amount, Accounted On-hand Amount, and Unaccounted On-hand Amount metrics found in the Inventory Valuation subject area. Below is a detailed explanation of each metric and the reasons for the differences:

- **Current Inventory Onhand Value (Inventory Turns Subject Area)**: This metric is calculated as the Current Onhand Quantity multiplied by the Latest Unit Cost for an item.
- **Costed On-hand Amount (Inventory Valuation Subject Area)**: This metric reflects the costed inventory balance as of a specific accounting period.
- **Accounted On-hand Amount (Inventory Valuation Subject Area)**: Accounted OnHand Amount metric shows accounted onhand balance for a given period.
- **Unaccounted On-hand Amount (Inventory Valuation Subject Area)**: Unaccounted OnHand Amount metric shows unaccounted onhand balance for a given period.

Manufacturing Frequently Asked Questions

The Manufacturing Frequently Asked Questions (FAQs) provide answers to the most commonly asked questions about your Manufacturing analytics experience.

Topics:

Why does the Average Work Order Delay metric in the Manufacturing Work orders subject area show an incorrect value when aggregated at the Organization or Item level?

The Average Work Order Delay is computed for Closed and Completed Work orders only. Aggregate and filter this metric for System Status Code as Closed and Completed to ensure that the Average Work Order Delay is computed properly.

Why do Work Order Yield % metrics in the Manufacturing Work orders subject area show incorrect values when aggregated at the Organization or Item level?

The Work Order Yield % is computed for Closed and Completed Work orders only. Aggregating with the filter for System Status Code as Closed and Completed ensures that the WO Yield % is computed properly.

Why does the Operation Yield % metric in the Manufacturing Work Orders subject area show incorrect values when aggregated at the Organization or Item level?

The Operation Yield % metric is computed for Released, Closed, and Completed Work orders only. Aggregating with the filter for System Status Code as Released, Closed, and Completed ensures that the Operation Yield % metric is computed properly.

In the SCM - Manufacturing Resources subject area, are the metrics Resources Count and Labor Counts supported by the Time dimension?

The metrics Resources Count and Labor Counts are used at the Organization, Work Area, and Work Center levels. If you're building a report with a Time dimension, the metrics duplicate the counts as Manufacturing Resource or Labor since these can be used as a Time period.

Why aren't folders/columns such as Lot, Serial Number, Material Transactions, and Material Quantities visible in the SCM - Manufacturing Materials subject area?

To display fields in the Manufacturing functional area and relevant subject areas, activate the Inventory Management functional area.

Why doesn't the metric Work Orders with Unplanned Materials Count work at the Work Order Operation level?

This metric shows data only for the Standard Work order type, and is used at this and higher levels such as Organization, Work Area, and Work Center.

How do you set the data refresh load type and interval for the Component Shortage functional area?

In Oracle Fusion Cloud Manufacturing, the Component Shortage is recomputed every time the Calculate Material Availability Oracle Enterprise Scheduler (ESS) job runs. Therefore in Oracle Fusion Data Intelligence, you need to refresh the data on a Full Reload load type. In Oracle Fusion Data Intelligence **Console**, navigate to **Pipeline Settings**, click **Reload Data Schedule** and add the Component Shortage functional area with the load type as Full Reload an appropriate data refresh schedule interval.

Why do Administrator users see unexpected results when running dimension-only queries for Work Order or Work Order Operation dimensions in Manufacturing or Maintenance subject areas?

Dimension-only queries don't include a fact table to drive the subject area context. For secured Manufacturing and Maintenance users, Oracle Fusion Data Intelligence applies subject-area-specific logical table source filters so that Manufacturing users see Manufacturing records and Maintenance users see Maintenance records. Administrator users don't have these security filters applied, so the BI Server may select the first matching logical table source for the dimension-only query. As a result, Administrator users may see results showing both Manufacturing and Maintenance data, or just Manufacturing data. This behavior applies only to dimension-only queries and doesn't affect normal fact-based reporting.

Procurement Frequently Asked Questions

The Procurement Frequently Asked Questions (FAQs) provide answers to the most commonly asked questions about your Procurement analytics experience.

Topics:

- Why am I not able to see quantity metrics at subinventory and locator level in the PO Receipts subject area?
- Which approval date or version does the Purchase Order subject area in Fusion Data Intelligence use?
- Why am I not able to see quantity metrics at subinventory and locator level in the PO Receipts subject area?
- Why do I see multiple records and metrics value summed up in the grand total when I use Supplier Business Classification attribute in Procurement and Spend subject area?
- Why aren't the Parties and Parties Contact dimension details seen in the Enterprise Contracts - Contracts subject area?
- While using the Procurement - Receipt Accounting subject area, why isn't there a receipt number for invoice price adjustment transactions?

- Why is the Invoice Number blank in the Procurement - Receipt Accounting subject area?
- Why is the Receipt Number not shown in the Procurement - Receipt Accounting subject area?
- What sources are supported for Procurement - Receipt Accounting?
- Where can I evaluate Accrual Balances for the Receipt Accounting subject area?
- Why shouldn't I use Procurement Receipt Accounting under the Oracle Fusion ERP Analytics SKU in Configurable Account Analysis when I have access to both the Oracle Fusion ERP Analytics and Oracle Fusion SCM Analytics SKU?
- Why is a default date populated in Approval Action Date for rejected supplier registrations?

Why am I not able to see quantity metrics at subinventory and locator level in the PO Receipts subject area?

All the quantity metrics are at the Receipt line level and not at the Transaction level (Subinventory, Locator) in the PO Receipts subject area.

Which approval date or version does the Purchase Order subject area in Fusion Data Intelligence use?

The Purchase Order subject area in Fusion Data Intelligence uses the original version or first time approval date for analyses or metrics that are used to derive the cycle time metrics. However Oracle Transactional Business Intelligence uses the latest version or last approval date. When comparing the data between Fusion Data Intelligence and Oracle Transactional Business Intelligence, don't use the approval date for analyses because it will provide a different outcome.

Why am I not able to see quantity metrics at subinventory and locator level in the PO Receipts subject area?

All the quantity metrics are at the Receipt line level and not at the Transaction level (Subinventory, Locator) in the PO Receipts subject area.

Why do I see multiple records and metrics value summed up in the grand total when I use Supplier Business Classification attribute in Procurement and Spend subject area?

Because the Supplier Business Classification attribute can have more than one value, you see more than one records and metrics value summed up in the analysis. If you want one record, use Supplier Business Classification in the filter and select one only value.

Why isn't the Spend Classification Categories dimension showing values in Procurement - Requisitions, Procurement - Purchase Orders, and Procurement - Spend subject areas?

Spend classification is an Opt-In feature in Oracle Procurement Cloud. Enable this feature in Oracle Procurement Cloud and then refresh the Spend Classification functional area in Fusion Data Intelligence. See Spend Classification.

Why aren't the Parties and Parties Contact dimension details seen in the Enterprise Contracts - Contracts subject area?

This is a Preview feature. To see these dimensions, you need to enable the 'Enterprise Contracts - Parties and Parties Contact' functional area. See Features Available for Preview.

While using the Procurement - Receipt Accounting subject area, why isn't there a receipt number for invoice price adjustment transactions?

This is expected behavior There isn't a receipt number for invoice price adjustment transactions.

Why is the Invoice Number blank in the Procurement - Receipt Accounting subject area?

In the Procurement - Receipt Accounting subject area, Invoice Number is supported only for the below transaction types:

- Accrual Clearing
- Expense Adjustment
- Invoice Price Adjustment

For all other transaction types, Invoice Number isn't supported. The Invoice number support is in accordance with Fusion Applications Suite Receipt Accounting.

Why is the Receipt Number not shown in the Procurement - Receipt Accounting subject area?

Receipt Number isn't displayed against the below transaction types:

- Trade Receipt Accrual
- Retroactive Price Adjustment
- Period End Accrual
- Consigned Receipt Consumption
- Consigned PO Receipt

Fusion Receipt Accounting doesn't display Receipt Number against these transactions.

What sources are supported for Procurement - Receipt Accounting?

These subject areas support Source as Purchase Order:

- Procurement - Receipt Accounting
- Procurement - Accrual Balances at Period End
- Procurement - Accrual Balances at Receipt

Other sources aren't supported

Where can I evaluate Accrual Balances for the Receipt Accounting subject area?

In Receipt Accounting there are two subject areas where Accrual Balances are captured:

- If Accrual is at Receipt, refer to Procurement - Accrual Balances in the Receipt subject area
- If Accrual is at Period End, refer to Procurement - Accrual Balances in the Receipt subject area. The accrual balances in this subject area matches with the Fusion Applications based on the Uninvoiced Receipt Accruals Report.

Why shouldn't I use Procurement Receipt Accounting under the Oracle Fusion ERP Analytics SKU in Configurable Account Analysis when I have access to both the Oracle Fusion ERP Analytics and Oracle Fusion SCM Analytics SKU?

Procurement Receipt Accounting under the Oracle Fusion ERP Analytics SKU covers the source document type for Purchase Orders whereas Receipt Accounting under the Oracle Fusion SCM Analytics SKU has a wider coverage of many source document types. In the event of having access to both the Oracle Fusion SCM Analytics and Oracle Fusion ERP Analytics SKUs, you should use only Receipt Accounting under the Oracle Fusion ERP Analytics SKU with Configurable Account Analysis.

Why is a default date populated in Approval Action Date for rejected supplier registrations?

When the Supplier Registration request is rejected, the Fusion Applications database populates a Null or Blank Value which translates to a default date in Fusion Data Intelligence - 01/01/1900 by design. The purpose is to match the data with persisted data in Fusion Applications.