Oracle® Cloud
Reference for Fusion SCM Analytics

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ORACLE®

Oracle Cloud Reference for Fusion SCM Analytics,

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Preface

Topics:

Audience

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

Documentation Accessibility

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Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit `https://support.oracle.com/portal/` or visit `Oracle Accessibility Learning and Support` if you are hearing impaired.

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

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.

1
Introduction

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.

Functional Areas

Feature	Description
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.
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 Receipts	This feature provides the ability to analyze all sources of receipt including purchase orders and transaction level details.
Inventory Turns	This feature provides insights into key Inventory Management metrics and techniques like Inventory Turns, Days in Inventory, Excess and Obsolete Analysis.
Manufacturing	This feature provides the ability to analyze the work orders execution details and relevant metrics of work orders execution for Discrete Manufacturing.

Feature	Description
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 Receipt Accounting subject area.
Spend Classification	This feature enables the Spend Requisitions, and Purchase Orders subject areas to support the Spend Classification related attributes.
Unit Item Cost at Inventory Organization	This feature provides the ability to support Unit Item cost at Inventory organization.

Pipeline Features

Feature	Description
Unpublished Cost scenarios and published cost scenario without transactions	This feature enables the Item Cost subject area to support published cost scenarios without transaction and unpublished cost scenarios for the Standard Cost method. • **On**– Display the **Enable Unused Standard Costs** detail in the Pipeline Parameters section on the Pipeline Settings page. • **Off** – Hide the **Enable Unused Standard Costs** detail in the Pipeline Parameters section on the Pipeline Settings page. Default: Off Restart Required: No

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.

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 Inventory Balances subject area. After enabling this feature, you must activate the respective functional area to see the measures under the applicable subject area.

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**.

3. Run **Job Refresh Cost Accounting Report Data**.

> ✎ **Note:**
>
> The initial run may take a long time, however subsequent runs will run faster.

4. Refresh the data in Oracle Fusion SCM Analytics and schedule the **Refresh Cost Accounting Report Data Job** in Fusion Applications.

2
Tables

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** are for Oracle Internal use only. In addition, tables storing descriptive flexfield data (DFF tables) aren't included in the documentation

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 **24R2_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_INV_ORGANIZATION_D_TL
- DW_MFG_ORGANIZATION_D_TL
- DW_DEPARTMENT_D_TL
- DW_BUSINESS_UNIT_D_TL
- DW_FISCAL_QUARTER_ACCT_D
- DW_FISCAL_YEAR_ACCT_D
- DW_FISCAL_DAY_D_NO_ADJUST
- DW_FISCAL_PERIOD_ACCT_D
- DW_FISCAL_DAY_ACCT_D
- DW_DEPARTMENT_D
- DW_BUSINESS_UNIT_D
- DW_MFG_ORGANIZATION_D
- DW_INV_ORGANIZATION_D
- DW_PERSON_NAME_CURRENT_D

3

Relationship Diagrams

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 **24R2_Fusion_SCM_Analytics_Diagrams.html**.

4
Data Store

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.

4-1

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Data Lineage

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.

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Data Augmentation

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

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.

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Subject Areas

Subject Areas

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 **24R2_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.

Functional Area Name	Dependency	Associated Subject Areas	Initial Release
Cost Accounting	NA	SCM - Cost Accounting (Preview)	22R1
Cost Management	NA	SCM - Inventory Valuations, SCM - Item Cost, SCM - COGS and Gross Margin	21R2
Current Inventory Balances	NA	SCM - Inventory Balances	22R4
Draft Sales Order Management (Preview)	Order Management	SCM - Draft Sales Orders (Preview), SCM - Draft Sales Orders Holds (Preview)	24R2
Inventory Aging (Preview)	Current Inventory Balances + Inventory Organisation Item Costs	SCM - Inventory Aging (Preview)	23R4
Inventory Balances	NA	SCM - Inventory Balances	20R2
Inventory FSN Analysis (Preview)	Inventory Turns	SCM - Inventory Turns (Preview)	23R4
Inventory Management	NA	SCM - Inventory Receipts, SCM - Inventory Transactions, SCM - Picking and Shipping, SCM - Transfer Orders	20R2
Inventory Organisation Item Costs (Preview)	Cost Management		23R2
Inventory Turns (Preview)	Inventory Balances + Inventory Organisation Item Costs	SCM - Inventory Turns (Preview)	23R4
Manufacturing (Preview)	NA	SCM - Manufacturing Work Orders (Preview), SCM - Manufacturing Operation Transactions (Preview), SCM - Manufacturing Resources (Preview), SCM - Manufacturing Materials (Preview)	23R3
Order Management	NA	SCM - Sales Orders, SCM - Sales Orders Holds	20R2
Procurement Spend	NA	Procurement - Spend	20R4
Projected COGS and Gross Margin (Preview)	Inventory Organisation Item Costs	SCM - Sales Orders	23R2
Purchasing	NA	Procurement - Agreements, Procurement - Purchase Orders, Procurement - Receipts, Procurement - Requisitions	21R4
Receiving (Preview)	Purchasing + Inventory Management	SCM - Inventory Receipts	23R1

Functional Area Name	Dependency	Associated Subject Areas	Initial Release
Sales Order Fulfillment Prediction	Order Management	SCM - Sales Orders	20R1
SCM Primary UOM Conversion	NA	All Relevant SCM Subject Areas	21R3
SCM Procurement Contracts	NA	Enterprise Contracts - Contracts (Preview)	23R4
SCM Receipt Accounting (Preview)	NA	Procurement - Receipt Accounting (Preview), Procurement - Accrual Balances at Period End (Preview), Procurement - Accrual Balances at Receipt (Preview)	23R4, 24R2
Spend Classification (Preview)	Purchasing + Procurement Spend	Procurement - Purchase Orders, Procurement - Requisitions, Procurement - Spend	23R2

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 Data Warehouse 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

Description

Usage Tracking is a powerful feature that has been 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 is 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 Data Warehouse 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.

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

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

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 **24R2_Fusion_SCM_Analytics_BusinessQuestions.html**.

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

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

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
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
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	SCM Receipt Accounting

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_CST_COST_ ACCOUNTANT_JO B	Cost Accountant	Cost Accountant Job Group	OA4F_SCM_CST_ COSTING_ORG_D ATA	Cost Management
			OA4F_SCM_CST_I NVENTORY_VALU ATIONS_ANALYSI S_DUTY	
			OA4F_SCM_CST_I TEM_COST_ANAL YSIS_DUTY	
			OA4F_SCM_CST_ COGS_AND_GRO SSMARGIN_ANAL YSIS_DUTY	
			OA4F_SCM_CST_ COST_ACCOUNTI NG_ANALYSIS_D UTY	
			OA4F_SCM_CST_I NVENTORY_VALU ATIONS_ANALYSI S_CONTENT_DUT Y	
			OA4F_SCM_CST_I TEM_COST_ANAL YSIS_CONTENT_ DUTY	
			OA4F_SCM_CST_ COGS_AND_GRO SSMARGIN_ANAL YSIS_CONTENT_ DUTY	
ORA_DOO_ORDE R_ADMINISTRATO R_JOB	Order Administrator	Order Administrator Job Group	OA4F_SCM_OM_B USINESS_UNIT_D ATA	Order Management
			OA4F_SCM_OM_S ALES_ORDER_AN ALYSIS_DUTY	
			OA4F_SCM_OM_ HOLDS_ANALYSIS _DUTY	
			OA4F_SCM_OM_S ALES_ORDER_AN ALYSIS_CONTENT _DUTY	
			OA4F_SCM_OM_ HOLDS_ANALYSIS _CONTENT_DUTY	

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	Draft Sales Order Management
			OA4F_SCM_OM_SALES_ORDER_ANALYSIS_DUTY	
			OA4F_SCM_OM_HOLDS_ANALYSIS_DUTY	
ORA_DOO_ORDER_MANAGER_JOB	Order Manager	Order Manager Job Group	OA4F_SCM_OM_BUSINESS_UNIT_DATA	Order Management
			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	
ORA_DOO_ORDER_MANAGER_JOB	Order Manager	Order Manager Job Group	OA4F_SCM_OM_BUSINESS_UNIT_DATA	Draft Sales Order Management
			OA4F_SCM_OM_SALES_ORDER_ANALYSIS_DUTY	
			OA4F_SCM_OM_HOLDS_ANALYSIS_DUTY	

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	Inventory
			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	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			_ANALYSIS_CONT ENT_DUTY	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_INV_WAREH OUSE_MANAGER _JOB	Warehouse Manager	Warehouse Manager Job Group	OA4F_SCM_INV_ BUSINESS_UNIT_ DATA	Inventory, Procurement
			OA4F_SCM_INV_I NVENTORY_ORG _DATA	
			OA4F_SCM_INV_I NVENTORY_TRAN SACTIONS_ANALY SIS_DUTY	
			OA4F_SCM_INV_I NVENTORY_BALA NCES_ANALYSIS_ DUTY	
			OA4F_SCM_INV_ PICKING_AND_SH IPPING_ANALYSIS _DUTY	
			OA4F_SCM_INV_I NVENTORY_TRAN SFER_ORDER_AN ALYSIS_DUTY	
			OA4F_SCM_INV_I NVENTORY_REC EIPTS_ANALYSIS_ DUTY	
			OA4F_PROC_PUR CHASE_RECEIPT S_ANALYSIS_DUT Y	
			OA4F_SCM_INV_I NVENTORY_TRAN SACTIONS_ANALY SIS_CONTENT_D UTY	
			OA4F_SCM_INV_I NVENTORY_BALA NCES_ANALYSIS_ CONTENT_DUTY	
			OA4F_PROC_PUR CHASE_RECEIPT S_ANALYSIS_CON TENT_DUTY	
			OA4F_INV_OF_PI CKING_SHIPPING _ANALYSIS_CONT ENT_DUTY	
			OA4F_SCM_INV_I NVENTORY_REC EIPTS_ANALYSIS_ CONTENT_DUTY	
			OA4F_SCM_INV_I NVENTORY_AGIN	

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	
ORA_OKC_ENTERPRISE_CONTRACT_ADMINISTRATOR_JOB	Enterprise Contract Administrator	Enterprise Contract Administrator Job Group	OA4F_OKC_CONTRACT_BUSINESS_UNIT_DATA	Enterprise Contracts
			OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY	
ORA_OKC_ENTERPRISE_CONTRACT_MANAGER_JOB	Enterprise Contract Manager	Enterprise Contract Manager Job Group	OA4F_OKC_CONTRACT_BUSINESS_UNIT_DATA	Enterprise Contracts
			OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY	
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	Enterprise Contracts
			OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY	
ORA_OKC_SUPPLIER_CONTRACT_ADMINISTRATOR_JOB	Supplier Contract Administrator	Supplier Contract Administrator Job Group	OA4F_OKC_CONTRACT_BUSINESS_UNIT_DATA	Enterprise Contracts
			OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY	
ORA_OKC_SUPPLIER_CONTRACT_MANAGER_JOB	Supplier Contract Manager	Supplier Contract Manager Job Group	OA4F_OKC_CONTRACT_BUSINESS_UNIT_DATA	Enterprise Contracts
			OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
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	Enterprise Contracts
			OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY	
ORA_PO_BUYER_JOB	Buyer	Buyer Job Group	OA4F_PROC_BUSINESS_UNIT_DATA	Procurement
			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	

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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	Procurement
			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	

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	Procurement
			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	

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	Inventory
			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	

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	Procurement
			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	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_WIE_PRODUCTION_OPERATOR_JOB	Production Operator	Has Author privileges	OA4F_SCM_MFG_MANUFACTURING_ORG_DATA	Manufacturing
			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	
			FAW_SCM_Author	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_WIE_PRODU CTION_SUPERVIS OR_JOB	Production Supervisor	Has Author privileges	OA4F_SCM_MFG_ MANUFACTURING _ORG_DATA	Manufacturing
			OA4F_SCM_MFG_ WORK_ORDERS_ ANALYSIS_DUTY	
			OA4F_SCM_MFG_ WO_OPERATION_ TRANSACTION_A NALYSIS_DUTY	
			OA4F_SCM_MFG_ WO_RESOURCES _ANALYSIS_DUTY	
			OA4F_SCM_MFG_ WO_MATERIALS_ ANALYSIS_DUTY	
			OA4F_SCM_MFG_ WORK_ORDERS_ ANALYSIS_CONT ENT_DUTY	
			OA4F_SCM_MFG_ WO_RESOURCES _ANALYSIS_CONT ENT_DUTY	
			OA4F_SCM_MFG_ WO_MATERIALS_ ANALYSIS_CONT ENT_DUTYFAW_S CM_Author	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_WIS_MANUF ACTURING_ENGI NEER_JOB	Manufacturing Engineer	Has Author privileges	OA4F_SCM_MFG_ MANUFACTURING _ORG_DATA	Manufacturing
			OA4F_SCM_MFG_ WORK_ORDERS_ ANALYSIS_DUTY	
			OA4F_SCM_MFG_ WO_OPERATION_ TRANSACTION_A NALYSIS_DUTY	
			OA4F_SCM_MFG_ WO_RESOURCES _ANALYSIS_DUTY	
			OA4F_SCM_MFG_ WO_MATERIALS_ ANALYSIS_DUTY	
			OA4F_SCM_MFG_ WORK_ORDERS_ ANALYSIS_CONT ENT_DUTY	
			OA4F_SCM_MFG_ WO_RESOURCES _ANALYSIS_CONT ENT_DUTY	
			OA4F_SCM_MFG_ WO_MATERIALS_ ANALYSIS_CONT ENT_DUTY	
			FAW_SCM_Author	

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_INT EGRATION_SP ECIALIST_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_COMMO N_DATA_ADMI N_ANALYSIS_ DUTY	Not applicable	Common

Data Roles

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
OA4F_PROC_INV_ORG_DATA	Procurement Inventory Organization Data Security	Data security role to access Receipts subject area basis the receiving organization.	Procurement
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.	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
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
OA4F_SCM_MFG_MANUFACTURING_ORG_DATA	Supply Chain Manufacturing Organization Data Security	Data security role to access supply chain manufacturing 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

Data Role Code	Data Role Name	Description	Functional Area
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

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_CMR_RECEIPT_ACCOUNTING_DUTY	Receipt Accounting Duty	Controls presentation catalog access to Receipt Accounting subject area.	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
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)

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_REQ UISITIONS_ANALY SIS_CONTENT_D UTY	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_REQ UISITIONS_ANALY SIS_DUTY	Procurement Requisitions Analysis Duty	Controls presentation catalog access to Procurement Requisitions subject area.	Procurement	Procurement - Requisitions
OA4F_PROC_SPE ND_ANALYSIS_C ONTENT_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_SPE ND_ANALYSIS_DU TY	Procurement Spend Analysis Duty	Controls presentation catalog access to Procurement Spend subject area.	Procurement	Procurement - Spend
OA4F_SCM_CST_ COGS_AND_GRO SSMARGIN_ANAL YSIS_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_GRO SSMARGIN_ANAL YSIS_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_ACCOUNTI NG_ANALYSIS_D UTY	Cost Accounting Analysis Duty	Controls presentation catalog access to Cost Accounting subject area.	Cost Management	SCM - Cost Accounting

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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 (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_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_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_INV_INVENTORY_AGING_ANALYSIS_DUTY	Inventory Aging Analysis Duty	Object security role to control presentation catalog access to SCM - Inventory Aging subject area.	Inventory Aging	SCM - Inventory Aging

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_BALANCES_ANALYSIS_CONTENT_DUTY	Inventory Balances Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the SCM - 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
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	Controls presentation catalog access to 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 (Preview)
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

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_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_DUTY	Inventory Turns Analysis Duty	Object security role to control presentation catalog access to SCM - Inventory Turns subject area.	Inventory Turns	SCM - Inventory Turns
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 (Preview) subject area.	Manufacturing	SCM - Manufacturing Materials (Preview)
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 (Preview)
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 (Preview)
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 (Preview) subject area.	Manufacturing	SCM - Manufacturing Resources (Preview)

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_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 (Preview)
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 (Preview) subject area.	Manufacturing	SCM - Manufacturing Work Orders (Preview)
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 (Preview)
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 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 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

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
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)

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 Analysis Duty	Object security role to control presentation catalog access to Common - Warehouse Refresh Statistics subject area.	Common	Common - Warehouse Refresh Statistics
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_SECURITY_REPORTING_DUTY	Security Reporting Duty	Object security role to control presentation catalog access to Security Assignment and Security Audit History subject areas.	Common	Common - Security Assignment Common - Security Audit History

Subject Area Metric Details

Cost Management

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.

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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.
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.

Inventory

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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
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
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

Metric	Metric Definition
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 - 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.

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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.
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.

Inventory - Inventory Receipts (Preview)

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

Metric	Metric Definition
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.
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.

Metric	Metric Definition
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)

Metric	Metric Definition
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)
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.
Inventory Onhand Value	This metric is calculated as below Inventory Onhand Value is equal to Current Onhand Quantity multiplied by Unit Cost
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.

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.

Metric	Metric Definition
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.
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.

Metric	Metric Definition
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.
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.

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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.
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.

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Metric	Metric Definition
Delivered Quantity	This metric is calculated as the sum of Delivered Quantity in primary and secondary UOM.

Manufacturing

Manufacturing - Manufacturing Materials (Preview)

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

Metric	Metric Definition
Required Quantity	This metric represents the quantity of material item that is required to perform the operation in the work order.
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.
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.
Work orders with Unplanned materials Count	This metric represents the number of work orders with unplanned materials in work order or during work execution.
Operation Material Substitutes Count	This metric represents the number of substitute items for the work order operations.
Material Issued Quantity	This metric represents the issued 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.
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.

Manufacturing - Manufacturing Operation Transactions (Preview)

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.

Metric	Metric Definition
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 (Preview)

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.
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 (Preview)

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.

Metric	Metric Definition
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.
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.

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Metric	Metric Definition
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.
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.

Procurement

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

Procurement—Agreements

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 Purchase Order Agreement Creation Date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Agreement Line Quantity	This metric is calculated as sum of agreement line quantity in primary and transaction UOM.
Header Agreed Amount	This metric is calculated as sum of header agreed amount.
Header Released Amount	This metric is calculated as sum of header released amount.
Header Released %	This metric is calculated as total agreement released amount divided by agreement amount.
Line Agreed Amount	This metric is calculated as sum of line agreed amount.
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.

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.
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.
Average Unit Price	This metric shows Average of unit price at lines.
Header Agreement Count by Release %	This metric shows Count of agreement header release percent in different bucket percentages.
Header Agreement Count Expired in Days	This metric shows Count of agreement header which will expire in different bucket days.
Agreement Header Count	This metric shows Count of distinct agreement headers.
Agreement Lines Count	This metric shows Count of distinct blanket agreement lines.
Agreement Approval Cycle Time	This metric is calculated as average difference between agreement approval date for version zero and creation date.
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.
Approvers Count	This metric is calculated as average approvers for version zero of an agreement.
Item Count	This metric shows Count of distinct items.
Supplier Count	This metric shows Count of distinct suppliers.
Supplier Site Count	Count of distinct supplier sites.
Buyer Count	Count of distinct buyers.
Header Expiring Days	This metric is calculated as average difference between end date and system date where agreement header end date is not null.
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.
Average Number of Revisions	This metric is calculated as average of agreement versions.
Amendments Count	This metric is calculated as average amendments done for an agreement.
Internal Amendments Count	This metric is calculated as average number of internal amendments for an agreement.
Supplier Amendments Count	This metric is calculated as average number of supplier initiated amendments for an agreement.
Agreement Line Primary Quantity	This metric is calculated as sum of agreement line quantity in primary UOM.
Average Unit Price (Primary UOM)	Average of unit price at lines in primary UOM.

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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.
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 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 Purchase Order Creation Date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Ordered Quantity	This metric is calculated as sum of quantity net of cancelled quantity at distribution level in primary and transaction UOM.

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Metric	Metric Definition
Original Ordered Quantity	This metric is calculated as sum of quantity including cancelled quantity at distribution level in primary and transaction UOM.
Cancelled Quantity	This metric is calculated as sum of cancelled quantity at distribution level in primary and transaction UOM.
Consignment Quantity	This metric is calculated as sum of consigned quantity at distribution level in primary and transaction UOM.
Billed Quantity	This metric is calculated as sum of billed quantity at distribution level in primary and transaction UOM.
Delivered Quantity	This metric is calculated as sum of delivered quantity at distribution level in primary and transaction UOM.
Received Quantity	This metric is calculated as sum of received quantity at schedule level in primary and transaction UOM.
Shipped Quantity	This metric is calculated as sum of shipped quantity at schedule level in primary and transaction UOM.
Accepted Quantity	This metric is calculated as sum of accepted quantity at schedule level in primary and transaction UOM.
Rejected Quantity	This metric is calculated as sum of rejected quantity at schedule level in primary and transaction UOM.
Over Receipt Quantity	This metric shows quantity that is received more that purchase order quantity in primary and transaction UOM.
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.
Requisition Lines Count	This metric shows Count of distinct requisition lines associated in purchase order distributions.
Average Number of Revisions	This metric is calculated as average of revision numbers of a purchase order.
Amendments Count	This metric is calculated as average amendments done for a purchase order.
Internal Amendments Count	This metric is calculated as average number of internal amendments for a purchase order.
Supplier Amendments Count	This metric is calculated as average number of supplier initiated amendments for a purchase order.
Pre Processing Lead Time	This metric is calculated as average difference between purchase order approval date and purchase order creation date for version zero.
Approvers Count	This metric is calculated as average number of approvers in a purchase order.
PR to PO Cycle Time	This metric is calculated as average difference between purchase order creation date and requisition line approval 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.
PO Close Cycle Time	This metric is calculated as average difference between purchase order close date and purchase order creation date.
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.
Requisition Based PO %	This metric is calculated as count of distribution with requisition references divided by count of total distributions.

Metric	Metric Definition
Buyers Count	This metric shows Count of distinct buyers.
Payment Terms Count	This metric shows Count of distinct payment terms.
Ordered Amount	This metric is calculated as sum of ordered amount at distribution level inclusive of inclusive taxes.
Total Exclusive Tax Amount	This metric is calculated as sum of total exclusive tax amount at distribution level.
Total Amount	This metric is calculated as sum of total amount at distribution level.
Non Recoverable Tax Amount	This metric is calculated as sum of non recoverable tax amount at distribution level.
Recoverable Tax Amount	This metric is calculated as sum of recoverable tax amount at distribution level.
Non Recoverable Inclusive Tax Amount	This metric is calculated as sum of non recoverable inclusive tax amount at distribution level.
Recoverable Inclusive Tax Amount	This metric is calculated as sum of recoverable inclusive tax amount at distribution level.
Delivered Amount	This metric is calculated as sum of delivered amount at distribution level.
Billed Amount	This metric is calculated as sum of billed amount at distribution level.
Cancelled Amount	This metric is calculated as sum of cancelled amount at distribution level.
Accepted Amount	This metric is calculated as sum of accepted amount at schedule level.
Accepted Rate	This metric is calculated as sum of accepted amount divided by sum of received amount at schedule level.
Received Amount	This metric is calculated as sum of received amount at schedule level.
Shipped Amount	This metric is calculated as sum of shipped amount at schedule level.
Avg Unit Price	This metric is calculated as sum of ordered amount excluding inclusive taxes divided by sum of ordered quantity.
Max Unit Price	This metric is calculated as maximum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level.
Min Unit Price	This metric is calculated as minimum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level.
Average Amount Per PO	This metric is calculated as sum of ordered amount divided by count of distinct purchase orders.
Supplier Count	This metric shows Count of distinct Supplier.
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.
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.
Rejected Quantity %	This metric shows Rejected Quantity percentage to overall Receipt Quantity for a given period.

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Metric	Metric Definition
Over Receipt Quantity %	This metric shows Over Receipt Quantity percentage to overall Receipt Quantity for a given period.
Cancelled Quantity %	This metric shows Cancelled Quantity percentage to overall Ordered Quantity for a given period.
Discounts Amount	This metric shows discount amount for the purchase order lines which has discount type as amount or percentage.
Negotiated Amount	This metric shows amount of the purchase order lines which has negotiated indicator as Y.
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.
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.
Over Receipt Amount	This metric shows amount that is received more than purchase order quantity at schedule level.
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.
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 (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.
Open Purchase Order Count	Count of purchase order header status equal to Open, Closed for Receiving, and Closed for Invoicing.
Closed Purchase Order Count	Count of purchase order header status equal to Closed, and Finally Closed.
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.
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.

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
Transaction Quantity	This metric displays the Receipt Accounting Transaction level Quantity.

Metric	Metric Definition
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.
Debit Amount	This metric displays the Debit Amount for each Receipt Accounting Distribution.
Credit Amount	This metric displays the Credit Amount for each Receipt Accounting Distribution.
Count of Accrued Receipts	This metric displays the count of accrued receipts.

Procurement—Receipts

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

Metrics

Metric	Metric Definition
Received Quantity	This metric is calculated as sum of received quantity in primary and transaction UOM.
Accepted Quantity	This metric is calculated as sum of accepted quantity in primary and transaction UOM.
Delivered Quantity	This metric is calculated as sum of delivered quantity in primary and transaction UOM.
Rejected Quantity	This metric is calculated as sum of rejected quantity in primary and transaction UOM.
Returned Quantity	This metric is calculated as sum of returned quantity in primary and transaction UOM.
Consumed Quantity	This metric is calculated as sum of consumed quantity in primary and transaction UOM.
Shipped Quantity	This metric is calculated as sum of shipped quantity in primary and transaction UOM.
Receipt Headers Count	This metric shows Count of distinct receipt headers.
Receipt Lines Count	This metric shows Count of receipt lines.
Purchase Order Count	This metric shows Count of distinct purchase orders.
Purchase Order Schedule Count	This metric shows Count of distinct purchase order schedule.
Received Lines On Time %	This metric is calculated as count of lines received on time 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 Early %	This metric is calculated as count of lines received early divided by count of receipt lines.
Receipt Lines with Correction Count	This metric is calculated as count of receipt lines with atleast one correction transaction.
Receipt Lines with Correction %	This metric is calculated as receipt corrected count divided by receipt line count.
Receipt Lines Rejected Count	This metric is calculated as count of receipt lines with rejected quantity greater than zero.
Receipt Lines Rejected %	This metric is calculated as receipt rejected count divided by receipt lines count.

Metric	Metric Definition
Receipt Lines Accepted Count	This metric is calculated as count of receipt lines with accepted quantity greater than zero.
Receipt Lines Accepted %	This metric is calculated as receipt accepted 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 Returned %	This metric is calculated as receipt returned count divided by receipt lines count.
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.
Transportation Days	This metric is calculated as average difference between receipt header creation date and shipment date for advance shipment notice-based receipts.
ASN Receipts %	This metric is calculated as count of advanced shipment notice-based receipts divided by count of receipt headers.
Received Amount	This metric is calculated as sum of received quantity multiplied by unit price from purchase order in primary UOM.
Accepted Amount	This metric is calculated as sum of accepted quantity multiplied by unit price from purchase order in primary UOM.
Delivered Amount	This metric is calculated as sum of delivered quantity multiplied by unit price from purchase order in primary UOM.
Rejected Amount	This metric is calculated as sum fo rejected quantity multiplied by unit price from purchase order in primary UOM.
Returned Amount	This metric is calculated as sum of returned quantity multiplied by unit price from purchase order in primary UOM.
Avg Unit Price (Primary UOM)	Average of unit price at purchase order lines in primary UOM.

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
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.
Requisition Count	Count of distinct requisitions.
Requisition Line Count	Count of requisition lines excluding 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.
Pending Approval Requisition Lines Count	Count of requisition lines with pending approval status and excludes reinstate, split, and replaced line status.

Metric	Metric Definition
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 metrics excludes internal requisition and 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.
Processed Requisition Lines Count	Count of requisition lines which got converted to purchase order and purchase order header having processed date (version 0). This metrics 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 metrics excludes internal requisition and reinstate, split, and replaced line status.
Unfulfilled Overdue Requisition %	This metric shows Unfulfilled Overdue Requisition Amount percentage of the overall Requisition Amount for a given period.
Fulfilled Requisition Lines Count	Count of requisition lines for which purchase order got processed and has purchase order line fulfilled flag value as Y. 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 metrics excludes internal requisition and 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.
PR to PO Cycle Time	This metric is calculated as average difference between purchase order creation date and requisition line approval date. This metrics excludes internal requisition and 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 metrics excludes internal requisition and reinstate, split, and replaced line status.
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 metrics 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 metrics excludes internal requisition and 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.

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Metric	Metric Definition
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 metrics excludes internal requisition and reinstate, split, and replaced line status.
Approved Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with approved status. This metrics excludes 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 metrics 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 metrics excludes internal requisition and reinstate, split, and replaced line status.
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 metrics excludes internal requisition and reinstate, split, and replaced line status.
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. 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 metrics excludes internal requisition and reinstate, split, and replaced line status.
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 Amount – Without cancelled	This metric is calculated as sum of amount at distribution level and excludes cancelled, 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
Quantity Invoiced	This metric is calculated as the sum of Quantity Invoiced from Invoice distributions in primary and transaction UOM.
Invoice Amount	This metric is calculated as Sum of Amounts from the Invoice Accounting distribution lines for an invoice distribution.
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.
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.
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.
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.
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.
PO Matched Spend	This metric is calculated as the sum of Invoice Amounts, where Invoice distributions has a Purchase Order Reference.
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.
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.
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.
Other Non Agreement Spend	This metric is calculated as Non Agreement Spend minus Agreement Leakage Spend.

Metric	Metric Definition
Negotiated Spend	This metric is calculated as PO Matched Spend where the Negotiated Flag is checked for the corresponding Purchase Orders Lines.
Non Negotiated Spend	This metric is calculated as PO Matched Spend where the Negotiated Flag is not checked for the corresponding Purchase Orders Lines.
Average Spend Per invoice	This metric is calculated as the sum of Spend divided by the Count of Spend Invoices.
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.
Invoice Lines Count	This metric is calculated as the Count of Distinct invoice Lines.
Invoices Count	This metric is calculated as the Count of Distinct invoice Headers.
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.
Manual Invoices Count	This metric is calculated as the Count of Distinct Invoice Headers where Invoice Header source is equal to Manual Invoice Entry.
Suppliers Count	This metric is calculated as the Count of Distinct Suppliers on Invoice Headers.
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.
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.
Paid Invoices Count	This metric is calculated as Count of Distinct Invoice headers where invoice header is already paid.
Open Invoices Count	This metric is calculated as Count of Distinct Invoice headers where invoice header is not paid yet.
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.
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.
Buyer Count	This metric is calculated as Distinct Buyers on Invoice Headers.
Supplier Site Count	This metric is calculated as Count of Distinct Supplier Sites on Invoice Headers.
Payables Invoicing Business Unit Count	This metric is calculated as distinct count of Payables Invoicing Business Units on Invoice Headers.
Purchasing Category Count	This metric is calculated as Count of Distinct Purchasing Category on Invoice Lines.
Payment Terms Count	This metric is calculated as Count of Distinct Payment Terms on Invoice Headers.
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.

Metric	Metric Definition
PO Matched Spend %	This metric is calculated as percentage of PO Matched Spend over Spend.
Non PO Matched Spend %	This metric is calculated as percentage of Non PO Matched Spend over Spend.
Agreement Spend %	This metric is calculated as percentage of Agreement Spend over Spend.
Non Agreement Spend %	This metric is calculated as percentage of Non Agreement Spend over Spend.
Agreement Leakage Spend %	This metric is calculated as percentage of Agreement Leakage Spend over Spend.
Negotiated Spend %	This metric is calculated as percentage of Negotiated Spend over Spend.
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.
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.
Invoice Price Variance	This metric is calculated as sum of amounts from Invoice distribution for Distribution Line status Invoice Price Variance.
Primary Quantity Invoiced	This metric is calculated as Sum of Quantity Invoiced from Invoice distributions in primary UOM.
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.
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 (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.
Other Non-Agreement Spend %	This metric is calculated as the percentage of other non agreement spend amount over spend amount.
Addressable Spend %	This metric is calculated as percentage of Addressable Spend over Spend.
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.
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.

Order Management

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.
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.

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Metric	Metric Definition
Quantity Ordered	This metric is calculated as sum of ordered quantity from lines and shows quantity in primary and transaction UOM.
Reserved Quantity	This metric is calculated as sum of reserved quantity from lines and shows quantity in primary and transaction UOM.
RMA Delivered Quantity	This metric is calculated as sum of RMA delivered quantity from lines and shows quantity in primary and transaction UOM.
Cancelled Quantity	This metric is calculated as sum of cancelled quantity from lines and shows quantity in primary and transaction UOM.
Shipped Quantity	This metric is calculated as sum of shipped quantity from lines and shows quantity in primary and transaction UOM.
Fulfilled Quantity	This metric is calculated as sum of fulfilled 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.
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.
Lines Amount	This metric is calculated as lines amount for line category as order.
Return Lines Amount	This metric is calculated as lines amount for line category as return.
Open Lines Amount	This metric is calculated as lines amount for line category as order for open sales orders.
Return Lines Open Amount	This metric is calculated as lines amount for line category as return for open sales orders.
Return Lines Closed Amount	This metric is calculated as lines amount for line category as return for closed sales orders.
Shipped Lines Amount	This metric is calculated as amount for lines which are shipped.
Billed Lines Amount	This metric is calculated as lines billing amount for line category as order.
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.
On Time Shipment Lines Amount	This metric is calculated as amount for lines which are shipped on time.
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.
Late Shipped Lines Amount	This metric is calculated as amount for lines which are not shipped on time.
Cancelled Lines Amount	This metric is calculated as amount for lines which are shipped in full.
Cancelled Lines Amount	This metric is calculated as amount for lines which are cancelled.

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Metric	Metric Definition
Lines On Holds Open Amount	This metric is calculated as lines amount for sales orders which are on hold and fulfilment lines are open.
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.
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.
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.
Perfect Order Lines %	This metric is calculated as perfect order lines divided by lines which are shipped.
Perfect Order Count	This metric is calculated as orders which are closed and have all shipped line as perfect order line.
Perfect Order %	This metric is calculated as count of perfect orders divided by count of closed orders.
Lines Shipped in Full Count	This metric is calculated as count of lines shipped in full where line is not split.
Lines Shipped in Full %	This metric is calculated as lines shipped in full divided by count of lines shipped.
Orders Shipped in Full Count	This metric is calculated as orders which are closed and have all shipped line as shipped in full.
Orders Shipped in Full %	This metric is calculated as count of shipped in full orders divided by count of closed orders.
On Time Shipment Lines Count	This metric is calculated as count of lines which are shipped on time.
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 Count - Requested Delivery Date Based On	This metric is calculated as count of lines which are shipped on time based on requested delivery date.
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.
Order To Shipment Lines Cycle Times	This metric is calculated as average of difference between actual ship date and submitted date.
Delayed Scheduled Lines	This metric is calculated as average of difference between schedule ship date and requested ship date.
Received Return Lines Count	This metric is calculated as count of return order lines where material is received.
Closed Orders Count	Count of distinct order headers where orders are closed.
Shipped Lines Count	Count of shipped order lines.
Orders Count	Count of distinct sales orders.
Lines Count	Count of fulfillment lines with line category of order.
Open Orders Count	Count of distinct order headers where orders are open.
Open Lines Count	Count of fulfillment lines with line category of order and lines are open.
Return Lines Count	Count of fulfillment lines with line category of return.

Metric	Metric Definition
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.
Order Fill Rate	This metric is calculated as the count of completely Fulfilled Sales Orders divided by the total number of submitted Sales Orders
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
Unit Cost	This metric shows average unit cost at inventory organization level in primary UOM.
Extended Selling Price	This metric is calculated as sum of ordered quantity in primary UOM multiplied by unit selling price.
Extended Cost	This metric is calculated as sum of ordered quantity in primary UOM multiplied by unit cost.
Projected Gross Margin	This metric is calculated as difference between extended selling price and extended cost.

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.

Descriptive Flexfield (DFF)

Cost Management

These descriptive flexfields are supported by Cost Management subject areas.

Subject Area Name	Descriptive Flexfield (DFF) Supported
SCM - Item Cost	Supports Items
SCM - Inventory Valuations	Supports Items
SCM - COGS and Gross Margin	Supports Customer, Customer Account, Transactions Headers, Transactions Lines, and 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

Subject Area Name	Descriptive Flexfield (DFF) Supported
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 Receipt Headers and Items
SCM - Inventory Receipts (Preview)	Supports Item, Receipt Headers and Receipt Transactions.

Manufacturing

These descriptive flexfields are supported by Manufacturing subject areas.

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

Purchasing

Below Descriptive Flexfields are supported by Procurement subject area.

Subject Area Name	Descriptive Flexfield (DFF) Supported
Procurement - Spend	Supports Suppliers, Supplier Sites, Invoice Headers, Invoice Lines, Invoice Distributions, and Items
Procurement - Purchase Orders	Supports Suppliers, Supplier Sites, Purchase Orders Headers, Purchase Orders Lines, and Items
Procurement - Receipts	Supports Suppliers, Supplier Sites, Receipt Headers, Receipt Lines, and Items

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Subject Area Name	Descriptive Flexfield (DFF) Supported
Procurement - Agreements	Supports Suppliers, Supplier Sites, Agreement Headers, Agreement Lines, and Items
Procurement - Requisitions	Supports Suppliers, Supplier Sites, Requisition Headers, Requisition Lines, Requisition Distributions, and Items
Enterprise Contracts - Contracts (Preview)	Supports Contracts and Contracts Lines.
Procurement - Receipt Accounting (Preview)	Supports Items and Suppliers
Procurement - Accrual Balances at Period End (Preview)	Supports Items and Suppliers.
Procurement - Accrual Balances at Receipt (Preview)	Supports Items and Suppliers.

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9
Prebuilt

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**.

Cost Management

Analyses Detail	Analyses Description	Related Subject Areas
Item Cost Analysis	Analyzes the item cost by cost organization, cost book, valuation unit, etc.	SCM - Item Cost
Inventory Valuation Analysis	Analyzes the inventory valuation by cost organization, cost book, valuation unit, etc.	SCM - Inventory Valuations
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

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

Analyses Detail	Analyses Description	Related Subject Areas
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 (Preview)
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)

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 (Preview), SCM - Manufacturing Resources (Preview), SCM – Manufacturing Materials (Preview)

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
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

Purchasing

Analyses Detail	Analyses Description	Related Subject Areas
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
Procument Spend Supplier Overview	Provides an overview of suppliers in terms of Key suppliers spend, Supplier Tail spend, and Suppliers Count.	Procurement - Spend
Procurement Spend Category Overview	Provides an overview of categories spend, counts, and other details.	Procurement - Spend
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
Supplier Shipment Analysis	Provides insights on supplier shipments by early shipment, late shipment, ASN receipts, and other details.	Procurement - Receipts
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
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
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
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

Prebuilt Business Metrics

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
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

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Business Metric Name	Business Metric Description	Related Subject Areas
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
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

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Business Metric Name	Business Metric Description	Related Subject Areas
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
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

Purchasing

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

Business Metric Name	Business Metric Description	Related Subject Areas
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
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

Business Metric Name	Business Metric Description	Related Subject Areas
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
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

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Business Metric Name	Business Metric Description	Related Subject Areas
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
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

Business Metric Name	Business Metric Description	Related Subject Areas
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
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

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Business Metric Name	Business Metric Description	Related Subject Areas
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
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

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Business Metric Name	Business Metric Description	Related Subject Areas
Requisition Approval Cycle Time Days	Calculated as average difference between requisition approval date and requisition submitted date for version zero.	Procurement - Requisitions
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

Overview

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

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 **Overview Dashboards** folder, located within the parent application folder.

> **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.

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.
- Set the Limit by Values to **None** for all filters in custom workbooks or dashboards to improve performance of prompts.
- When applying a filter on an attribute, use a Code column (when available) instead of a Name or Description column.

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 improve performance, use presentation columns instead of presentation hierarchies. See Work with Presentation Tables and Columns.

Report Authoring Tips for Oracle Fusion SCM Analytics and Fusion PROC 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.

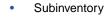**Recommended Filters**

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

Subject Area	Presentation Table (Recommended Filter)
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
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 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

Subject Area	Presentation Table (Recommended Filter)
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
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
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
SCM - Manufacturing Materials	• *Time • Manufacturing Organization
SCM - Manufacturing Operation Transactions	• *Time • Manufacturing Organization
SCM - Manufacturing Resources	• *Time • Manufacturing Organization
SCM - Manufacturing Work Orders	• *Time • Manufacturing Organization
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 - 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

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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

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 - 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

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 - 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)

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B

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
- Purchasing Frequently Asked Questions

Common Frequently Asked Questions

The Oracle Fusion SCM AnalyticsFrequently 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, manufacturing organization, requisition

business unit, and procurement business unit (PO Agent) values to the users in Fusion Data Intelligence.

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 Oracle Fusion SCM AnalyticsCosting 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 COGS and Gross Margin subject area showing any data?

There are two possible reasons:

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.

Run the Oracle Enterprise Scheduler (ESS) job and refresh the Cost Accounting Report data. You can configure this job to run automatically when you run the Create Cost Accounting Distributions process. See Refresh Cost Accounting Report Data in *Using Supply Chain Cost Management*.

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.

Inventory Frequently Asked Questions

The Oracle Fusion SCM AnalyticsInventory 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 Inventory Valuation showing any data?
• 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 can't I see the PO receipt amount related metrics in the Inventory Receipts (Preview) subject area?

- Why can't I see the Inventory Receipts (Preview) features?

- Why does Receiver Name column in Inventory Receipt and Inventory Receipts (Preview) subject areas showing error?

- Why can't I see the Inventory Receipts Analysis dashboard features?

- Why isn't the Inventory Aging subject area showing Onhand Quantity and Inventory Age for items over 1+ years of age?

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

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 Inventory Valuation showing any data?

There are two possible reasons:

- 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.

- Run the Oracle Enterprise Scheduler (ESS) job, *Refresh Cost Accounting Report Data*. You can configure this job to run automatically when you run the Create Cost Accounting Distributions process. See Refresh Cost Accounting Report Data in Using Supply Chain Cost Management.

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 can't I see the PO receipt amount related metrics in the Inventory Receipts (Preview) subject area?

Metrics related to the PO receipt amount are available in the PO Receipts subject area.

Why can't I see the Inventory Receipts (Preview) features?

For the Inventory Receipts (Preview) feature to work properly, you need to enable the SCM Purchasing, Inventory Management, and Inventory Receipts (Preview) subject areas.

Why does Receiver Name column in Inventory Receipt and Inventory Receipts (Preview) subject areas showing error?

The Receiver Name attribute is deprecated in the Inventory Receipt and Inventory Receipts (Preview) subject areas. Instead, you can use the Received By attribute which is added in the Inventory Receipt and Inventory Receipts (Preview) subject areas in the 23.R3 release.

Why can't I see the Inventory Receipts Analysis dashboard features?

To activate the Inventory Receipts Analysis dashboard and data visualization features, enable the Inventory Receipts (Preview) functional area in the Console Preview features area.

Why isn't the Inventory Aging subject area showing Onhand Quantity and Inventory Age for items over 1+ years of age?

The Inventory Aging subject area currently shows Onhand Quantity and Inventory Age for items only for the past 365 days.

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.

Manufacturing Frequently Asked Questions

The Oracle Fusion SCM AnalyticsManufacturing 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 (Preview) subject area show an incorrect value when aggregated at the Organization or Item level?
- Why do Work Order Yield % metrics in the Manufacturing Work orders (Preview) subject area show incorrect values when aggregated at the Organization or Item level?
- Why does the Operation Yield % metric in the Manufacturing Work Orders (Preview) subject area show incorrect values when aggregated at the Organization or Item level?
- Why are Primary Unit of Measure-based quantity metrics not visible in the Manufacturing subject areas?
- In the SCM - Manufacturing Resources subject area, are the metrics Resources Count and Labor Counts supported by the Time dimension?
- Why aren't folders/columns such as Lot, Serial Number, Material Transactions, and Material Quantities visible in the SCM - Manufacturing Materials subject area?
- Why doesn't the metric Work Orders with Unplanned Materials Count work at the Work Order Operation level?

Why does the Average Work Order Delay metric in the Manufacturing Work orders (Preview) 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 (Preview) 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 (Preview) 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.

Why are Primary Unit of Measure-based quantity metrics not visible in the Manufacturing subject areas?

To display fields in the Manufacturing functional area and relevant subject areas, activate the SCM Primary UOM Conversion functional area.

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.

Purchasing Frequently Asked Questions

The Oracle Fusion SCM AnalyticsPurchasing Frequently Asked Questions (FAQs) provide answers to the most commonly asked questions about your Purchasing 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?

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.