Oracle® Cloud
Reference for Fusion SCM Analytics

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Preface

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Audience

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

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at `http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc`.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit `http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info` or visit `http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs` 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 Analytics Warehouse
- Using Oracle Fusion Analytics Warehouse

- 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

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 KPIs, and prebuilt decks and cards.

To know about the preview features available currently, see Features Available for Preview.

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 flexfiled 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 **22.R4_Nov2022_Fusion_SCM_Analytics_Tables.html**.

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_BUSINESS_UNIT_D
- DW_DEPARTMENT_D
- DW_INV_ORGANIZATION_D
- DW_BUSINESS_UNIT_D_TL
- DW_DEPARTMENT_D_TL
- DW_INV_ORGANIZATION_D_TL
- 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 **22.R4_Nov2022_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 Enrichment in Oracle Fusion Analytics Warehouse.

5

Data Lineage

Overview

This section provides an end-to-end data lineage summary report for physical and logical relationships.

You can select the subject area for each of the Fusion Analytics Warehouse 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 Data Lineage details.

Metric Calculation Spreadsheet

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

Procurement Metric Calculation Spreadsheet

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

6

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 Analytics Warehouse extracts data for key entities and makes the data available in analysis-friendly data models (tables). Internally, Oracle Fusion Analytics Warehouse 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.

7
Subject Areas

Subject Areas

Overview

This chapter provides information on the subject areas with data you maintain in 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 **22.R4_Nov2022_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.

Usage Tracking

Description

Usage Tracking is a powerful feature that has been available in Oracle Analytics Cloud. In Oracle Fusion Analytics Warehouse 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 KPIs, 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 KPIs show progress towards such goals.

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?

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.

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

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.

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 **22.R3_Aug2022_Fusion_SCM_Analytics_BusinessQuestions.html**.

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

Job-Specific Groups

Overview

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

> **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_DOO_ORDER_ADMINISTRATOR_JOB	Order Administrator	Has Author privileges	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	
			FAW_SCM_Author	
			Author	
ORA_DOO_ORDER_MANAGER_JOB	Order Manager	Has Author privileges	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	
			FAW_SCM_Author	
			Author	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_INV_INVENTORY_MANAGER_JOB	Inventory Manager	Has Author privileges	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	
			FAW_SCM_Author	
			Author	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_INV_WAREH OUSE_MANAGER _JOB	Warehouse Manager	Has Author privileges	OA4F_SCM_INV_ BUSINESS_UNIT_ DATA	Inventory, Procurement
			OA4F_SCM_INV_I NVENTORY_ORG _DATA	
			OA4F_SCM_INV_I NVENTORY_TRA NSACTIONS_ANA LYSIS_DUTY	
			OA4F_SCM_INV_I NVENTORY_BALA NCES_ANALYSIS_ DUTY	
			OA4F_SCM_INV_ PICKING_AND_S HIPPING_ANALYS IS_DUTY	
			OA4F_SCM_INV_I NVENTORY_TRA NSFER_ORDER_ ANALYSIS_DUTY	
			OA4F_SCM_INV_I NVENTORY_REC EIPTS_ANALYSIS _DUTY	
			OA4F_PROC_PU RCHASE_RECEIP TS_ANALYSIS_DU TY	
			OA4F_SCM_INV_I NVENTORY_TRA NSACTIONS_ANA LYSIS_CONTENT_ DUTY	
			OA4F_SCM_INV_I NVENTORY_BALA NCES_ANALYSIS_ CONTENT_DUTY	
			OA4F_PROC_PU RCHASE_RECEIP TS_ANALYSIS_CO NTENT_DUTY	
			FAW_SCM_Author	
			Author	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_CST_COST_ ACCOUNTANT_JO B	Cost Accountant	Has Author privileges	OA4F_SCM_CST_ COSTING_ORG_ DATA	Cost Management
			OA4F_SCM_CST_ INVENTORY_VAL UATIONS_ANALY SIS_DUTY	
			OA4F_SCM_CST_ ITEM_COST_ANA LYSIS_DUTY	
			OA4F_SCM_CST_ COGS_AND_GRO SSMARGIN_ANAL YSIS_DUTY	
			OA4F_SCM_CST_ INVENTORY_VAL UATIONS_ANALY SIS_CONTENT_D UTY	
			OA4F_SCM_CST_ ITEM_COST_ANA LYSIS_CONTENT_ DUTY	
			FAW_SCM_Author	
			Author	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PO_PURCHASE_ANALYSIS_ABSTRACT	Purchase Analysis	Has Author privileges	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	
			Author	
ORA_AP_ACCOUNTS_PAYABLE_MANAGER_JOB	Accounts Payable Manager	Has Author privileges	OA4F_FIN_AP_BUSINESS_UNIT_DATA	Procurement
			OA4F_PROC_SPEND_ANALYSIS_DUTY	
			OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY	
			FAW_SCM_Author	
			Author	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_AP_ACCOUNTS_PAYABLE_SPECIALIST_JOB	Accounts Payable Specialist	Has Author privileges	OA4F_FIN_AP_BUSINESS_UNIT_DATA OA4F_PROC_SPEND_ANALYSIS_DUTY OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY FAW_SCM_Author Author	Procurement
ORA_AP_ACCOUNTS_PAYABLE_SUPERVISOR_JOB	Accounts Payable Supervisor	Has Author privileges	OA4F_FIN_AP_BUSINESS_UNIT_DATA OA4F_PROC_SPEND_ANALYSIS_DUTY OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY FAW_SCM_Author Author	Procurement

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PO_BUYER _JOB	Buyer	Has Author privileges	OA4F_PROC_BUS INESS_UNIT_DAT A	Procurement
			OA4F_PROC_SPE ND_ANALYSIS_D UTY	
			OA4F_PROC_PU RCHASE_ORDER _ANALYSIS_DUTY	
			OA4F_PROC_PU RCHASE_AGREE MENT_ANALYSIS _DUTY	
			OA4F_PROC_PU RCHASE_RECEIP TS_ANALYSIS_DU TY	
			OA4F_PROC_RE QUISITIONS_ANA LYSIS_DUTY	
			OA4F_PROC_SPE ND_ANALYSIS_C ONTENT_DUTY	
			OA4F_PROC_PU RCHASE_ORDER _ANALYSIS_CON TENT_DUTY	
			OA4F_PROC_PU RCHASE_AGREE MENT_ANALYSIS _CONTENT_DUT Y	
			OA4F_PROC_PU RCHASE_RECEIP TS_ANALYSIS_CO NTENT_DUTY	
			OA4F_PROC_RE QUISITIONS_ANA LYSIS_CONTENT_ DUTY	
			FAW_SCM_Author	
			Author	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PO_PROCUREMENT_MANAGER_JOB	Procurement Manager	Has Author privileges	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	
			FAW_SCM_Author	
			Author	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PON_CATEGORY_MANAGER_JOB	Category Manager	Has Author privileges	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	
			FAW_SCM_Author	
			Author	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PO_PROCUREMENT_CONTRACT_ADMIN_JOB	Procurement Contract Administrator	Has Author privileges	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	
			FAW_SCM_Author	
			Author	

Common Job-Specific Groups

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

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

Data Roles

Overview

For each data role in this section, links are provided for more detailed information about the job-specific groups, subject areas, and business questions associated with the data role.

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.	Order 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_CST_COSTING_ORG_DATA	Supply Chain Costing Organization Data Security	Data security role to access supply chain costing organization based data.	Cost Management
OA4F_PROC_REQ_BUSINESS_UNIT_DATA	Procurement Requisition Business Unit Data Security	Data security role to access procurement requisition business unit based data.	Inventory
OA4F_PROC_BUSINESS_UNIT_DATA	Procurement Business Unit Data Security	Data security role to access procurement business unit-based data.	Procurement

Data Role Code	Data Role Name	Description	Functional Area
OA4F_PROC_INV_ORG_DATA	Procurement Inventory Organization Data Security	Data security role to access Receipts subject area basis the receiving organization.	Procurement

Duty Roles

Overview

For each duty role in this section, click the links for more 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
OA4F_SCM_OM _SALES_ORDER _ANALYSIS_DUT Y	Order Management Analysis Duty	Object security role to control presentation catalog access to Sales Orders subject area.	Order Management	SCM - Sales Orders
OA4F_SCM_OM _HOLDS_ANALY SIS_DUTY	Order Management Holds Analysis Duty	Object security role to control presentation catalog access to Sales Holds subject area.	Order Management	SCM - Sales Orders Holds
OA4F_SCM_INV _INVENTORY_T RANSACTIONS_ ANALYSIS_DUT Y	Inventory Transactions Analysis Duty	Object security role to control presentation catalog access to Inventory Transactions subject area.	Inventory	SCM - Inventory Balances
OA4F_SCM_INV _INVENTORY_B ALANCES_ANAL YSIS_DUTY	Inventory Balances Analysis Duty	Object security role to control presentation catalog access to Inventory Balances subject area.	Inventory	SCM - Inventory Transactions
OA4F_SCM_CST _ITEM_COST_A NALYSIS_DUTY	Item Cost Analysis Duty	Object security role to control presentation catalog access to Item Cost subject area.	Cost Management	SCM - Item Cost

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_SCM_CST _INVENTORY_V ALUATIONS_AN ALYSIS_DUTY	Inventory Valuations Analysis Duty	Object security role to control presentation catalog access to Inventory Valuations subject area.	Cost Management	SCM - Inventory Valuations
OA4F_SCM_INV _PICKING_AND_ SHIPPING_ANAL YSIS_DUTY	Picking and Shipping Analysis Duty	Object security role to control presentation catalog access to Picking and Shipping subject area.	Inventory	SCM - Picking and Shipping
OA4F_SCM_INV _INVENTORY_T RANSFER_ORD ER_ANALYSIS_D UTY	Transfer Order Analysis Duty	Object security role to control presentation catalog access to Transfer Order subject area.	Inventory	SCM - Transfer Orders
OA4F_SCM_INV _INVENTORY_R ECEIPTS_ANALY SIS_DUTY	Inventory Receipts Analysis Duty	Object security role to control presentation catalog access to Inventory Receipts subject area.	Inventory	SCM - Inventory Receipts
OA4F_SCM_CST _COGS_AND_G ROSSMARGIN_ ANALYSIS_DUT Y	COGS and Gross Margin Analysis Duty	Object security role to control presentation catalog access to COGS and Gross Margin subject area.	Cost Management	SCM - COGS and Gross Margin
OA4F_PROC_SP END_ANALYSIS_ DUTY	Procurement Spend Analysis Duty	Object security role to control presentation catalog access to Procurement Spend subject area.	Procurement	Procurement - Spend
OA4F_PROC_PU RCHASE_ORDE R_ANALYSIS_D UTY	Procurement Purchase Order Analysis Duty	Object security role to control presentation catalog access to Procurement Purchase Order subject area.	Procurement	Procurement - Purchase Orders

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_DUTY	Procurement Purchase Agreement Analysis Duty	Object security role to control presentation catalog access to Procurement Purchase Agreement subject area.	Procurement	Procurement - Agreements
OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_DUTY	Procurement Purchase Receipts Analysis Duty	Object security role to control presentation catalog access to Procurement Purchase Receipts subject area.	Procurement	Procurement - Receipts
OA4F_PROC_REQUISITIONS_ANALYSIS_DUTY	Procurement Requisitions Analysis Duty	Object security role to control presentation catalog access to Procurement Requisitions subject area.	Procurement	Procurement - Requisitions
OA4F_SCM_OM_SALES_ORDER_ANALYSIS_CONTENT_DUTY	Order Management Analysis Content Duty	Object security role to control presentation catalog access to DV projects and KPIs built against the "SCM - Sales Orders" subject area.	Order Management	SCM - Sales Orders
OA4F_SCM_OM_HOLDS_ANALYSIS_CONTENT_DUTY	Order Management Holds Analysis Content Duty	Object security role to control presentation catalog access to DV projects and KPIs built against the "SCM - Sales Holds" subject area.	Order Management	SCM - Sales Orders Holds
OA4F_SCM_INV_INVENTORY_TRANSACTIONS_ANALYSIS_CONTENT_DUTY	Inventory Transactions Analysis Content Duty	Object security role to control presentation catalog access to DV projects and KPIs built against the "SCM - 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_BALANCES_ANALYSIS_CONTENT_DUTY	Inventory Balances Analysis Content Duty	Object security role to control presentation catalog access to DV projects and KPIs built against the "SCM - Inventory Balances" subject area.	Inventory	SCM - Inventory Balances
OA4F_SCM_CST_ITEM_COST_ANALYSIS_CONTENT_DUTY	Item Cost Analysis Content Duty	Object security role to control presentation catalog access to DV projects and KPIs built against the "SCM - Item Cost" subject area.	Cost Management	SCM - Item Cost
OA4F_SCM_CST_INVENTORY_VALUATIONS_ANALYSIS_CONTENT_DUTY	Inventory Valuations Analysis Content Duty	Object security role to control presentation catalog access to DV projects and KPIs built against the "SCM - Inventory Valuations" subject area.	Cost Management	SCM - Inventory Valuations
OA4F_PROC_PURCHASE_ORDER_ANALYSIS_CONTENT_DUTY	Procurement Purchase Order Analysis Content Duty	Object security role to control presentation catalog access to DV projects and KPIs built against the "Procurement - Purchase Orders" subject area.	Procurement	Procurement - Purchase Orders
OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_CONTENT_DUTY	Procurement Purchase Receipts Analysis Content Duty	Object security role to control presentation catalog access to DV projects and KPIs built against the "Procurement - Receipts" subject area.	Procurement	Procurement - Receipts

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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_PROC_PURCHASE_AGREEMENT_ANALYSIS_CONTENT_DUTY	Procurement Purchase Agreement Analysis Content Duty	Object security role to control presentation catalog access to DV projects and KPIs built against the "Procurement - Agreements" subject area.	Procurement	Procurement - Agreements
OA4F_PROC_REQUISITIONS_ANALYSIS_CONTENT_DUTY	Procurement Requisitions Analysis Content Duty	Object security role to control presentation catalog access to DV projects and KPIs built against the "Procurement - Requisitions" subject area.	Procurement	Procurement - Requisitions
OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY	Procurement Spend Analysis Content Duty	Object security role to control presentation catalog access to DV projects and KPIs built against the "Procurement - Spend" subject area.	Procurement	Procurement - Spend

Common Duty Roles

The common duty roles are applicable across the analytics applications that are part of Oracle Fusion Analytics Warehouse such as 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 subject area.	Common	Common - Warehouse Refresh

Duty Role Code	Duty Role Name	Details	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_COMMON _USAGE_TRACK ING_DUTY	Usage Tracking Analysis Duty	Object security role to control presentation catalog access to Common - Usage Tracking subject area.	Common	Common - Usage Tracking
OA4F_SECURIT Y_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.

Metric	Metric Definition
Unrecognized Gross Margin Percentage	This metric is calculated as the unrecognized gross margin divided by total gross margin.

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

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	Shows onhand balance for a given period.
Unit Cost	Shows unit cost for a given period.
Costed OnHand Amount	Shows costed onhand balance for a given period.
Accounted OnHand Amount	Shows accounted onhand balance for a given period.

Metric	Metric Definition
Unaccounted OnHand Amount	Shows unaccounted onhand balance for a given period.

Inventory

Inventory - Inventory Balances

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

Metric	Metric Definition
Onhand Quantity	Shows inventory quantity for a given period in primary unit of measure.
Secondary Onhand Quantity	Shows inventory quantity for a given period in secondary unit of measure.

Inventory - Inventory Receipts

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

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

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Metric	Metric Definition
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 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 - Picking and Shipping

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

Metric	Metric Definition
Requested Quantity	This metric is calculated as the sum of Requested Quantity for picking in transaction, primary and secondary UOM.
Picked Quantity	This metric is calculated as the sum of Picked Quantity in transaction, primary and secondary UOM.

Metric	Metric Definition
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.

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.

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

Order Management

Order Management - Sales Orders

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

Metric	Metric Definition
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.

Metric	Metric Definition
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.
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.

Metric	Metric Definition
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.
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.

Metric	Metric Definition
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

Order Management - Sales Orders Holds

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

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

Procurement

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.

Metrics

Metric	Metric Definition
Agreement Approval Cycle Time	This metric is calculated as average difference between agreement approval date for version zero and creation date.
Agreement Header Count	Count of distinct agreement headers.
Agreement Line Primary Quantity	This metric is calculated as sum of agreement line quantity in primary UOM.
Agreement Line Quantity	This metric is calculated as sum of agreement line quantity in primary and transaction UOM.
Agreement Lines Count	Count of distinct blanket agreement lines.
Amendments Count	This metric is calculated as average amendments done for an agreement.
Approvers Count	This metric is calculated as average approvers for version zero of an agreement.
Average Number of Revisions	This metric is calculated as average of agreement versions.

Metric	Metric Definition
Average Unit Price	Average of unit price at lines.
Average Unit Price (Primary UOM)	Average of unit price at lines in primary UOM.
Buyer Count	Count of distinct buyers.
Expired Header Released %	This metric is calculated as header released amount divided by header agreed amount where agreement amount is not null and considering headers are expired.
Expired Line Released %	This metric is calculated as line released amount divided by line agreed amount where agreement amount is not null and considering lines which are expired.
Header Agreed Amount	This metric is calculated as sum of header agreed amount.
Header Agreement Count by Release %	Count of agreement header release percent in different bucket percentages.
Header Agreement Count Expired in Days	Count of agreement header which will expire in different bucket days.
Header Expiring Days	This metric is calculated as average difference between end date and system date where agreement header end date is not null.
Header Released %	This metric is calculated as total agreement released amount divided by agreement amount.
Header Released Amount	This metric is calculated as sum of header released amount.
Internal Amendments Count	This metric is calculated as average number of internal amendments for an agreement.
Item Count	Count of distinct items.
Line Agreed Amount	This metric is calculated as sum of line agreed amount.
Line Expiring Days	This metric is calculated as average difference between expiration date and system date where either of agreement lines expiration date is not null or header end date is not null.
Line Released Amount	This metric is calculated as sum of line released amount.
Line Released Amount %	This metric is calculated as sum of line released amount divided by line agreed amount.
Negotiation to Agreement Approval Cycle Time	This metric is calculated as average difference between agreement approval date for version zero and negotiation line creation date.
Remaining Header Amount	This metric is calculated as header agreed amount minus header released amount where agreement amount is not null and agreed amount is greater than released amount.
Remaining Header Amount %	This metric is calculated as remaining header amount divided by total header agreed amount.
Remaining Line Amount	This metric is calculated as sum of agreed line amount minus sum of line released amount where agreement line agreed amount is not null and agreed amount is greater than released amount.
Remaining Line Amount %	This metric is calculated as sum of remaining line amount divided by sum of agreed amount.
Supplier Amendments Count	This metric is calculated as average number of supplier initiated amendments for an agreement.

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Metric	Metric Definition
Supplier Count	Count of distinct suppliers.
Supplier Site Count	Count of distinct supplier sites.

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.

Metrics

Metric	Metric Definition
Accepted Amount	This metric is calculated as sum of accepted amount at schedule level.
Accepted Quantity	This metric is calculated as sum of accepted quantity at schedule level in primary and transaction UOM.
Accepted Rate	This metric is calculated as sum of accepted amount divided by sum of received amount at schedule level.
Amendments Count	This metric is calculated as average amendments done for a purchase order.
Approvers Count	This metric is calculated as average number of approvers in a purchase order.
Average Amount Per PO	This metric is calculated as sum of ordered amount divided by count of distinct purchase orders.
Average Number of Revisions	This metric is calculated as average of revision numbers of a purchase order.
Avg Unit Price	This metric is calculated as sum of ordered amount excluding inclusive taxes divided by sum of ordered quantity.
Avg Unit Price (Primary UOM)	This metric is calculated as sum of ordered amount excluding inclusive taxes divided by sum of ordered quantity in primary UOM.
Billed Amount	This metric is calculated as sum of billed amount at distribution level.
Billed Quantity	This metric is calculated as sum of billed quantity at distribution level in primary and transaction UOM.
Buyers Count	Count of distinct buyers.
Cancelled Amount	This metric is calculated as sum of cancelled amount at distribution level.
Cancelled Quantity	This metric is calculated as sum of cancelled quantity at distribution level in primary and transaction UOM.
Cancelled Quantity %	This metric shows Cancelled quantity percentage to overall ordered quantity for a given period.
Closed PO Amount	This metric shows the sum of ordered amount at distribution level inclusive of inclusive taxes with status equal to closed for invoicing, closed, and finally closed.
Closed PO Count	Count of purchase order header status equal to closed for invoicing, closed, and finally closed.

Metric	Metric Definition
Consignment Quantity	This metric is calculated as sum of consigned quantity at distribution level in primary and transaction UOM.
Delivered Amount	This metric is calculated as sum of delivered amount at distribution level.
Delivered Quantity	This metric is calculated as sum of delivered quantity at distribution level in primary and transaction UOM.
Discounts Amount	This metric shows discount amount for the purchase order lines which has discount type as amount or percentage.
Internal Amendments Count	This metric is calculated as average number of internal amendments for a purchase order.
Max Unit Price	This metric is calculated as maximum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level.
Max Unit Price (Primary UOM)	This metric is calculated as maximum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level in primary UOM.
Min Unit Price	This metric is calculated as minimum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level.
Min Unit Price (Primary UOM)	This metric is calculated as minimum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level in primary UOM.
Negotiated Amount	This metric shows amount of the purchase order lines which has negotiated indicator as Y.
Negotiation to PO Cycle Time	This metric is calculated as average difference between purchase order approval date for version zero and negotiation line creation date for purchase orders created from negotiations.
Non Recoverable Inclusive Tax Amount	This metric is calculated as sum of non-recoverable inclusive tax amount at distribution level.
Non Recoverable Tax Amount	This metric is calculated as sum of non-recoverable tax amount at distribution level.
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.
Open PO Count	Count of purchase order header status equal to Open and closed for receiving.
Ordered Amount	This metric is calculated as sum of ordered amount at distribution level inclusive of inclusive taxes.
Ordered Quantity	This metric is calculated as sum of quantity net of cancelled quantity at distribution level in primary and transaction UOM.
Original Ordered Quantity	This metric is calculated as sum of quantity including cancelled quantity at distribution level in primary and transaction UOM.
Over Receipt Amount	This metric shows amount that is received more than purchase order quantity at schedule level.
Over Receipt Quantity	This metric shows quantity that is received more that purchase order quantity in primary and transaction UOM.

Metric	Metric Definition
Over Receipt Quantity %	This metric shows Over receipt quantity percentage to overall receipt quantity for a given period.
Payment Terms Count	Count of distinct payment terms.
PO Close Cycle Time	This metric is calculated as average difference between purchase order close date and purchase order creation date.
PO Open Cycle Time	This metric is calculated as average difference between purchase order implement date for version zero and purchase order creation date.
PR to PO Cycle Time	This metric is calculated as average difference between purchase order creation date and requisition line approval date.
Pre Processing Lead Time	This metric is calculated as average difference between purchase order approval date and purchase order creation date for version zero.
Purchase Order Count	Count of distinct purchase order headers.
Purchase Order Lines Count	Count of distinct purchase order lines.
Received Amount	This metric is calculated as sum of received amount at schedule level.
Received Quantity	This metric is calculated as sum of received quantity at schedule level in primary and transaction UOM.
Recoverable Inclusive Tax Amount	This metric is calculated as sum of recoverable inclusive tax amount at distribution level.
Recoverable Tax Amount	This metric is calculated as sum of recoverable tax amount at distribution level.
Rejected Quantity	This metric is calculated as sum of rejected quantity at schedule level in primary and transaction UOM.
Rejected Quantity %	This metric shows Rejected quantity percentage to overall receipt quantity for a given period.
Requisition Based PO %	This metric is calculated as count of distribution with requisition references divided by count of total distributions.
Requisition Lines Count	Count of distinct requisition lines associated in purchase order distributions.
Shipped Amount	This metric is calculated as sum of shipped amount at schedule level.
Shipped Quantity	This metric is calculated as sum of shipped quantity at schedule level in primary and transaction UOM.
Supplier Amendments Count	This metric is calculated as average number of supplier initiated amendments for a purchase order.
Supplier Count	Count of distinct supplier.
Total Amount	This metric is calculated as sum of total amount at distribution level.
Total Exclusive Tax Amount	This metric is calculated as sum of total exclusive tax amount at distribution level.

Procurement—Receipts

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

Metrics

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

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

Procurement—Requisitions

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

Metrics

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

Metric	Metric Definition
Fulfilled Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with fulfilled status. The fulfilled status requisition lines are those that have purchase order line fulfilled flag value as Y. The purchase order line fulfilled flag will have value as Y only when all the schedule lines for that purchase order line is closed for receiving or invoicing. The fulfilled date is maximum of the schedule receipt dates or invoice dates. This metric excludes internal requisition and reinstate, split, and replaced line status.
Fulfilled Requisition Lines Count	Count of requisition lines for which purchase order got processed and has purchase order line fulfilled flag value as Y. The purchase order line fulfilled flag will have value as Y only when all the schedule lines for that purchase order line is closed for receiving or invoicing. The fulfilled date is maximum of the schedule receipt dates or invoice dates. This metric excludes internal requisition and reinstate, split, and replaced line status.
Pending Approval Requisition Lines Count	Count of requisition lines with pending approval status and excludes reinstate, split, and replaced line status.
PR to PO Cycle Time	This metric is calculated as average difference between purchase order creation date and requisition line approval date. This metric excludes internal requisition and reinstate, split, and replaced line status.
Processed Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with processed status. The processed status requisition lines are those that got converted to purchase order and purchase order header having processed date (version 0). This metric excludes internal requisition and reinstate, split, and replaced line status.
Processed Requisition Lines Count	Count of requisition lines which got converted to purchase order and purchase order header having processed date (version 0). This metric excludes internal requisition and reinstate, split, and replaced line status.
Rejected Requisition Count	Count of distinct requisition with rejected status.
Rejected Requisition Lines Count	Count of requisition lines with rejected status and excludes reinstate, split, and replaced line status.
Requisition Amount	This metric is calculated as sum of amount at distribution level and excludes reinstate, split, and replaced line status.
Requisition Approval Cycle Time Days	This metric is calculated as average difference between requisition approval date and requisition submitted date for version zero.
Requisition Approval to PO Fulfillment Time	This metric is calculated as average difference between purchase order line fulfill date and requisition line last approval date. And fulfilled date is maximum of the schedule receipt dates or invoice dates. This metric excludes internal requisition and reinstate, split and replaced line status.
Requisition Count	Count of distinct requisitions.
Requisition Line Count	Count of requisition lines excluding reinstate, split, and replaced line status.

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

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.

Metrics

Metric	Metric Definition
Addressable Spend	This metric is calculated as the sum of spend, where invoice distribution has a purchase order reference, and invoice line types are either Item or Misc, and excludes any tax-related lines in invoices.
Agreement Leakage Spend	This metric is calculated as the sum of spend where invoice distributions has a purchase order reference, and the purchase order line does not have an agreement associated with it, although an open blanket agreement is available for the item in purchase order. This metric works only for inventory Item-based purchase orders.
Agreement Leakage Spend %	This metric is calculated as percentage of agreement leakage spend over spend.
Agreement Spend	This metric is calculated as the sum of spend, where invoice distributions has a purchase order reference, and the corresponding purchase order line has a blanket purchase agreement or contract purchase agreement reference.
Agreement Spend %	This metric is calculated as percentage of agreement spend over spend.
Average Spend Per invoice	This metric is calculated as the sum of spend divided by the count of spend invoices.
Avg Invoice Unit Price	This metric is calculated as sum of invoice amounts divided by sum of invoiced quantity where quantity invoiced is not zero. This metric is calculated for invoice distributions conforming as addressable spend.
Avg Invoice Unit Price (Primary UOM)	This metric is calculated as sum of invoice amounts divided by sum of invoiced quantity where quantity invoiced is not zero. This metric is calculated for invoice distributions conforming as addressable spend in primary UOM.
Buyer Count	This metric is calculated as distinct buyers on invoice headers.
Category Spend %	This metric is calculated as percentage of spend over spend across all categories. This metric is used to analyze individual category spend against spend across all categories.
Electronic Invoices Count	This metric is calculated as the count of distinct invoice headers where invoice header source is not equal to manual invoice Entry.
Invoice Amount	This metric is calculated as sum of amounts from the invoice accounting distribution lines for an invoice distribution.
Invoice Lines Count	This metric is calculated as the count of distinct invoice lines.
Invoice Price Variance	This metric is calculated as sum of amounts from invoice distribution for distribution line status invoice price variance.

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

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

Descriptive Flexfield (DFF)

Cost Management

These descriptive flexfields are supported by Cost Management subject areas.

Descriptive Flexfield (DFF)

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.

Descriptive Flexfield (DFF)

Subject Area Name	Descriptive Flexfield (DFF) Supported
SCM - Inventory Balances	Supports Items
SCM - Inventory Transactions	Supports Items and Inventory Transactions
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

Order Management

These descriptive flexfields are supported by Order Management subject areas.

Descriptive Flexfields (DFF)

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

Purchasing

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

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

8
Prebuilt

Overview

This chapter provides information on all the prebuilt KPIs, decks, cards, and analyses that are shipped as the standard offering along with the product.

Prebuilt Analyses

Prebuilt Analyses are the functional analyses defined using the data visualization functionality in Oracle Analytics Cloud.

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

Cost Management

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

Inventory

Analyses Detail	Analyses Description	Related Subject Areas
Inventory Transactions Analysis	Analyze the Inventory Transactions by inventory organization, product category, issuance, receipt, etc.	SCM - Inventory Transacations
Inventory Balances Analysis	Analyze the Inventory Balances by inventory organization, product category, etc.	SCM - Inventory Balances

Order Management

Analyses Detail	Analyses Description	Related Subject Areas
Open Sales Order Analysis	Analyze 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	Analyze 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
Procurment 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

Analyses Detail	Analyses Description	Related Subject Areas
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

Prebuilt KPIs

KPIs 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. A KPI can be used as an analysis in cards and decks to allow a user to view KPI performance and drill into the details to understand why a KPI value may be off the target. KPIs can also be used to automatically trigger alerts to specific users when KPI target values reach critical status levels. Only Analytic Currency metrics are used in the prebuilt KPIs.

Cost Management

KPI Name	KPI 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

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KPI Name	KPI Description	Related Subject Areas
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

KPI Name	KPI 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	This metric is calculated as sum of primary quantity.	SCM - Inventory Transactions
Inventory Transaction Secondary Quantity	This metric is calculated as sum of secondary quantity.	SCM - Inventory Transactions
Inventory Transaction Quantity	This metric is calculated as sum of transaction quantity.	SCM - Inventory Transactions
Inventory Transaction Issuance Quantity	This metric is calculated as sum of issue quantity.	SCM - Inventory Transactions
Inventory Transaction Receipts Quantity	This metric is calculated as sum of receipt quantity.	SCM - Inventory Transactions
Inventory Transaction Consignment Received Quantity	This metric is calculated as sum of consignment received quantity.	SCM - Inventory Transactions
Inventory Transaction Transferred Quantity	This metric is calculated as sum of consignment transferred quantity.	SCM - Inventory Transactions

Order Management

KPI Name	KPI Description	Related Subject Areas
Fulfillment Lines on Holds Count	This metric is calculated as count of fulfillment lines on hold, considering holds only at fulfillment lines.	SCM - Sales Orders Holds
Average Hold Time	This metric is calculated as average of difference between hold released date and hold applied date.	SCM - Sales Orders Holds
Sales Order Cancelled Lines Amount	This KPI is calculated as sum of amount for lines which are cancelled.	SCM - Sales Orders
Sales Order Returned Quantity	This KPI is calculated as sum of returned quantity from lines.	SCM - Sales Orders
Sales Order Lines Shipped in Full %	This KPI is calculated as lines shipped in full divided by count of lines shipped.	SCM - Sales Orders
Sales Order Shipped in Full Count	This KPI is calculated as orders which are closed and have all shipped line as shipped in full.	SCM - Sales Orders
Sales Order Shipped in Full %	This KPI is calculated as count of shipped in full orders divided by count of closed orders.	SCM - Sales Orders

KPI Name	KPI Description	Related Subject Areas
Sales Order On Time Shipment Lines Count	This KPI is calculated as count of lines which are shipped on time.	SCM - Sales Orders
Sales Order On Time Shipment Lines %	This KPI is 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	This KPI is 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) %	This KPI is 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	This KPI is calculated as average of difference between actual ship date and submitted date.	SCM - Sales Orders
Sales Order Delayed Scheduled Lines	This KPI is calculated as average of difference between schedule ship date and requested ship date.	SCM - Sales Orders
Sales Order Received Return Lines Count	This KPI is 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	This KPI is calculated as sum of ordered quantity from lines.	SCM - Sales Orders
Sales Order Reserved Quantity	This KPI is calculated as sum of reserved quantity from lines.	SCM - Sales Orders
Sales Order RMA Delivered Quantity	This KPI is calculated as sum of RMA delivered quantity from lines.	SCM - Sales Orders
Sales Order Cancelled Quantity	This KPI is calculated as sum of cancelled quantity from lines.	SCM - Sales Orders
Sales Order Shipped Quantity	This KPI is calculated as sum of shipped quantity from lines.	SCM - Sales Orders
Sales Order Fulfilled Quantity	This KPI is calculated as sum of fulfilled quantity from lines.	SCM - Sales Orders
Sales Order Lines Amount	This KPI is calculated as sum of lines amount for line category as order.	SCM - Sales Orders
Sales Order Open Lines Amount	This KPI is calculated as sum of lines amount for line category as order for open sales orders.	SCM - Sales Orders

KPI Name	KPI Description	Related Subject Areas
Sales Order Past Due Lines Amount	This KPI is 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	This KPI is calculated as sum of amount for lines which are shipped.	SCM - Sales Orders
Sales Order On Time Shipment Lines Amount	This KPI is calculated as sum of amount for lines which are shipped on time.	SCM - Sales Orders
Sales Order Late Shipped Lines Amount	This KPI is calculated as sum of amount for lines which are not shipped on time.	SCM - Sales Orders
Sales Order Perfect Order Lines Amount	This KPI is calculated as sum of amount for lines which are perfect order lines.	SCM - Sales Orders
Sales Order Lines Shipped in Full Amount	This KPI is calculated as sum of amount for lines which are shipped in full.	SCM - Sales Orders
Sales Order Billed Lines Amount	This KPI is calculated as sum of lines billing amount for line category as order.	SCM - Sales Orders
Sales Order Return Lines Open Amount	This KPI is calculated as sum of lines amount for line category as return for open sales orders.	SCM - Sales Orders
Sales Order Return Lines Closed Amount	This KPI is calculated as sum of lines amount for line category as return for closed sales orders.	SCM - Sales Orders
Sales Order Unit List Price	This KPI is calculated as average of unit list price.	SCM - Sales Orders
Sales Order Unit Selling Price	This KPI is calculated as average of unit selling price.	SCM - Sales Orders
Perfect Sales Order Lines Count	This KPI is 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 %	This KPI is calculated as perfect order lines divided by lines which are shipped.	SCM - Sales Orders
Perfect Sales Order Count	This KPI is calculated as orders which are closed and have all shipped lines as perfect order lines.	SCM - Sales Orders
Perfect Sales Order %	This KPI is calculated as count of perfect orders divided by count of closed orders.	SCM - Sales Orders
Sales Order Lines Shipped in Full Count	This KPI is calculated as count of lines shipped in full where line is not split.	SCM - Sales Orders

KPI Name	KPI Description	Related Subject Areas
Delayed Sales Order Scheduled Lines	This KPI is calculated as average of difference between schedule ship date and requested ship date.	SCM - Sales Orders
Sales Order Return Lines Amount	This KPI is calculated as sum of lines amount for line category as return.	SCM - Sales Orders

Purchasing

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

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KPI Name	KPI Description	Related Subject Areas
PO Ordered Quantity	This metric is calculated as sum of quantity net of cancelled quantity at distribution level.	Procurement - Purchase Orders
PO Cancelled Quantity	This metric is calculated as sum of cancelled quantity at distribution level.	Procurement - Purchase Orders
PO Consignment Quantity	This metric is calculated as sum of consigned quantity at distribution level.	Procurement - Purchase Orders
PO Billed Quantity	This metric is calculated as sum of billed quantity at distribution level.	Procurement - Purchase Orders
PO Delivered Quantity	This metric is calculated as sum of delivered quantity at distribution level.	Procurement - Purchase Orders
PO Received Quantity	This metric is calculated as sum of received quantity at schedule level.	Procurement - Purchase Orders
PO Shipped Quantity	This metric is calculated as sum of shipped quantity at schedule level.	Procurement - Purchase Orders
PO Accepted Quantity	This metric is calculated as sum of accepted quantity at schedule level.	Procurement - Purchase Orders
PO Rejected Quantity	This metric is calculated as sum of rejected quantity at schedule level.	Procurement - Purchase Orders
PO Over Receipt Quantity	This metric 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	This metric is calculated as average amendments done for a purchase order.	Procurement - Purchase Orders
PO Internal Amendments Count	This metric is calculated as average number of internal amendments for a purchase order.	Procurement - Purchase Orders
PO Supplier Amendments Count	This metric is calculated as average number of supplier initiated amendments for a purchase order.	Procurement - Purchase Orders
PO Pre Processing Lead Time	This metric is calculated as average difference between purchase order approval date and purchase order creation date for version zero.	Procurement - Purchase Orders
Approvers Count	This metric is calculated as average number of approvers in a purchase order.	Procurement - Purchase Orders
PR to PO Cycle Time	This metric is calculated as average difference between purchase order creation date and requisition line approval date.	Procurement - Purchase Orders
PO Open Cycle Time	This metric is calculated as average difference between purchase order implement date for version zero and purchase order creation date.	Procurement - Purchase Orders

KPI Name	KPI Description	Related Subject Areas
PO Close Cycle Time	This metric is calculated as average difference between purchase order close date and purchase order creation date.	Procurement - Purchase Orders
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.	Procurement - Purchase Orders
Requisition Based PO %	This metric is 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	This metric is calculated as sum of ordered amount at distribution level inclusive of inclusive taxes.	Procurement - Purchase Orders
PO Total Exclusive Tax Amount	This metric is calculated as sum of total exclusive tax amount at distribution level.	Procurement - Purchase Orders
PO Total Amount	This metric is calculated as sum of total amount at distribution level.	Procurement - Purchase Orders
PO Non Recoverable Tax Amount	This metric is calculated as sum of non recoverable tax amount at distribution level.	Procurement - Purchase Orders
PO Recoverable Tax Amount	This metric is calculated as sum of recoverable tax amount at distribution level.	Procurement - Purchase Orders
PO Non Recoverable Inclusive Tax Amount	This metric is calculated as sum of non recoverable inclusive tax amount at distribution level.	Procurement - Purchase Orders
PO Delivered Amount	This metric is calculated as sum of delivered amount at distribution level.	Procurement - Purchase Orders
PO Billed Amount	This metric is calculated as sum of billed amount at distribution level.	Procurement - Purchase Orders
PO Cancelled Amount	This metric is calculated as sum of cancelled amount at distribution level.	Procurement - Purchase Orders
PO Accepted Amount	This metric is calculated as sum of accepted amount at schedule level.	Procurement - Purchase Orders
PO Accepted Rate	This metric is calculated as sum of accepted amount divided by sum of received amount at schedule level.	Procurement - Purchase Orders
PO Received Amount	This metric is calculated as sum of received amount at schedule level.	Procurement - Purchase Orders
PO Avg Unit Price	This metric is calculated as sum of ordered amount excluding inclusive taxes divided by sum of ordered quantity.	Procurement - Purchase Orders

KPI Name	KPI Description	Related Subject Areas
PO Max Unit Price	This metric is 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	This metric is 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	This metric is calculated as sum of ordered amount divided by count of distinct purchase orders.	Procurement - Purchase Orders
PO Negotiated Amount	This KPI is calculated as sum of negotiated amount at distribution level.	Procurement - Purchase Orders
Over Receipt Amount	This KPI is calculated as sum of over receipt amount at schedule level.	Procurement - Purchase Orders
PO Invoice Price Variance	This KPI is calculated by deducting the purchase order price from the invoice price.	Procurement - Purchase Orders, Procurement - Spend
PO Receipt Received Quantity	This metric is calculated as sum of received quantity.	Procurement - Receipts
PO Receipt Accepted Quantity	This metric is calculated as sum of accepted quantity.	Procurement - Receipts
PO Receipt Delivered Quantity	This metric is calculated as sum of delivered quantity.	Procurement - Receipts
PO Receipt Rejected Quantity	This metric is calculated as sum of rejected quantity.	Procurement - Receipts
PO Receipt Retuned Quantity	This metric is calculated as sum of returned quantity.	Procurement - Receipts
PO Receipt Consumed Quantity	This metric is 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	This metric is calculated as sum of shipped quantity.	Procurement - Receipts
PO Received Lines On Time %	This metric is calculated as count of lines received on time divided by count of receipt lines.	Procurement - Receipts
PO Received Lines Late %	This metric is calculated as count of lines received late divided by count of receipt lines.	Procurement - Receipts
PO Received Lines Early %	This metric is calculated as count of lines received early divided by count of receipt lines.	Procurement - Receipts
PO Receipt Lines with Correction Count	This metric is calculated as count of receipt lines with atleast one correction transaction.	Procurement - Receipts

KPI Name	KPI Description	Related Subject Areas
PO Receipt Lines with Correction %	This metric is calculated as receipt corrected count divided by receipt line count.	Procurement - Receipts
PO Receipt Lines Rejected Count	This metric is calculated as count of receipt lines with rejected quantity greater than zero.	Procurement - Receipts
PO Receipt Lines Rejected %	This metric is calculated as receipt rejected count divided by receipt lines count.	Procurement - Receipts
PO Receipt Lines Accepted Count	This metric is calculated as count of receipt lines with accepted quantity greater than zero.	Procurement - Receipts
PO Receipt Lines Accepted %	This metric is calculated as receipt accepted count divided by receipt lines count.	Procurement - Receipts
PO Receipt Lines Returned Count	This metric is calculated as count of receipt lines with returned quantity greater than zero.	Procurement - Receipts
PO Receipt Lines Returned %	This metric is calculated as receipt returned count divided by receipt lines count.	Procurement - Receipts
PO Receipt Post Processing Time	This metric is calculated as average difference between deliver date and receipt date.	Procurement - Receipts
PO Receipt Processing Time	This metric is calculated as average difference between receipt date and purchase order approval date for version zero.	Procurement - Receipts
PO Receipt Transportation Days	This metric is calculated as average difference between receipt header creation date and shipment date for advance shipment notice based receipts.	Procurement - Receipts
ASN Receipts %	This metric is 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	This metric is calculated as average difference between agreement approval date for version zero and creation date.	Procurement - Agreements
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.	Procurement - Agreements
PO Agreement Approvers Count	This metric is 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

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KPI Name	KPI Description	Related Subject Areas
PO Agreement Header Expiring Days	This metric is 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	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.	Procurement - Agreements
PO Agreement Average Number of Revisions	This metric is calculated as average of agreement versions.	Procurement - Agreements
PO Agreement Amendments Count	This metric is calculated as average amendments done for an agreement.	Procurement - Agreements
PO Agreement Internal Amendments Count	This metric is calculated as average number of internal amendments for an agreement.	Procurement - Agreements
PO Agreement Supplier Amendments Count	This metric is calculated as average number of supplier initiated amendments for an agreement.	Procurement - Agreements
PO Agreement Line Quantity	This metric is calculated as sum of agreement line quantity.	Procurement - Agreements
PO Agreement Header Agreed Amount	This metric is calculated as sum of header agreed amount.	Procurement - Agreements
PO Agreement Header Released Amount	This metric is calculated as sum of header released amount.	Procurement - Agreements
PO Agreement Header Released %	This metric is calculated as total agreement released amount divided by agreement amount.	Procurement - Agreements
PO Agreement Line Agreed Amount	This metric is calculated as sum of line agreed amount.	Procurement - Agreements
PO Agreement Line Released Amount	This metric is calculated as sum of line released amount.	Procurement - Agreements
PO Agreement Line Released Amount %	This metric is calculated as sum of line released amount divided by line agreed amount.	Procurement - Agreements
PO Agreement 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.	Procurement - Agreements
PO Agreement Remaining Header Amount %	This metric is calculated as remaining header amount divided by total header agreed amount.	Procurement - Agreements
PO Agreement 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.	Procurement - Agreements

KPI Name	KPI Description	Related Subject Areas
PO Agreement Remaining Line Amount %	This metric is calculated as sum of remaining line amount divided by sum of agreed amount.	Procurement - Agreements
PO Agreement 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 which are expired.	Procurement - Agreements
PO Agreement 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.	Procurement - Agreements
PO Agreement Unit Price	Average of unit price at lines.	Procurement - Agreements
Requisition Amount	This KPI is calculated as sum of amount at distribution level and excludes reinstate, split, and replaced line status.	Procurement - Requisitions
Processed Requisition Amount	This KPI is calculated as sum of amount at distribution level with requisition lines with processed status. This KPI excludes internal requisition and reinstate, split, and replaced line status.	Procurement - Requisitions
Unfulfilled Requisition Amount	This KPI is calculated as sum of amount at distribution level with requisition lines with unfulfilled status. This KPI excludes internal requisition and reinstate, split, and replaced line status.	Procurement - Requisitions
Fulfilled Requisition Amount	This KPI is calculated as sum of amount at distribution level with requisition lines with fulfilled status. This KPI excludes internal requisition and reinstate, split, and replaced line status.	Procurement - Requisitions
Requisition Quantity	This KPI is calculated as sum of quantity at distribution level and excludes reinstate, split, and replaced line status.	Procurement - Requisitions
Requisition Count	Count of distinct requisitions.	Procurement - Requisitions
Requisition Approval Cycle Time Days	This KPI is calculated as average difference between requisition approval date and requisition submitted date for version zero.	Procurement - Requisitions
Requisition Fulfilled Cycle Time Days	This KPI is calculated as average difference between purchase order line fulfill date and requisition line last submitted date. This KPI excludes internal requisition and reinstate, split, and replaced line status.	Procurement - Requisitions

KPI Name	KPI Description	Related Subject Areas
Requisition Unprocessed Average Aging Days	This KPI is calculated as average difference between system date and uprocess requisition line last approval date. This KPI excludes internal requisition and reinstate, split, and replaced line status.	Procurement - Requisitions

Prebuilt Decks and Cards

A deck is a top-level object for executive consumption with multiple KPI cards added to a deck. Each deck can contain up to 8 cards. A card is a visual presentation of a KPI with a drill down capability to Data Visualization content.

Prebuilt Decks and Cards — Supply Chain Management

Prebuilt Decks and Cards

Deck Name	Deck Description
Order Management	Provides visibility into few KPIs associated with Order Management.
Inventory Valuations	Provides visibility into few KPIs associated with inventory value and item cost.
Sales Order Fulfillment	Provides visibility into few KPIs associated with Order fulfillment.

Prebuilt Decks and Cards - Procurement

Prebuilt Decks and Cards

Deck Name	Deck Description
Procurement - Spend	Provides visibility into the top-level KPI cards associated with the Spend of an organization.
Procurement Efficiency	Provides visibility into the top-level KPI cards associated with the Procurement Efficiency of an organization.

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Frequently Asked Questions

Refer to these Frequently Asked Questions if you have questions about the behavior of Fusion Analytics Warehouse.

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 am I not able to see quantity metrics at subinventory and locator level in the PO Receipts subject area?
- 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 am I not able to see the Project-related details in the SCM subject areas?
- Why am I not able to see quantity metrics at subinventory and locator level in the PO Receipts subject area?

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

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

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

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

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

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

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

When building analyses, Fusion Analytics Warehouse 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 Analytics Warehouse.

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

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

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

Why 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 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 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.