

Oracle® Cloud

Reference for Fusion ERP Analytics



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Preface

Topics:

- [Audience](#)
- [Documentation Accessibility](#)
- [Diversity and Inclusion](#)
- [Related Documentation](#)
- [Conventions](#)

Audience

This document is intended for Oracle Fusion Analytics Warehouse consumers and authors using the Services to run a business..

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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.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1

Introduction

Overview

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

It helps finance, procurement, and project professionals uncover the underlying drivers of profitability, improve the use of working capital, and control business expenditures. See [Oracle Fusion ERP Analytics](#).

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

Features Available for Preview

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

To enable the preview features, see [Make Preview Features Available](#).

Functional Areas

Feature	Description
Enterprise Contracts	This feature provides the ability to analyze buy side contracts. It includes details on contract headers, contract lines, contracts terms, and fulfillment lines.
Grants Management	This feature provides ability to analyze the Grants awards funding.
Primary Unit of Measure Conversion (ERP)	This feature provides the ability to analyze by the primary unit of measure in all the subject areas.
Project Assets	This feature provides reporting on Capital projects in the subject areas.
Receipt Accounting	This feature provides the ability to analyze transactions and distributions related to Receipt Accounting sourced from Purchase Orders and PO Receipts interfaced to the Receipt Accounting subject area.
Receivables Aging by Accounting Date	This feature provides the option to build AR aging periodic snapshots based on accounting date instead of transaction or activity date in the existing AR Aging subject area.

Feature	Description
Spend Classification	This feature enables the Spend Requisitions, and Purchase Orders subject areas to support the Spend Classification related attributes.

Pipeline Features

Feature	Description
GL Unposted Journals	<p>This feature provides the ability to view unposted journals in the GL Detail Transactions subject area.</p> <ul style="list-style-type: none"> • On– Display the Enable Unposted Journal Lines detail in the Pipeline Parameters section on the Pipeline Settings page. • Off – Hide the Enable Unposted Journal Lines detail in the Pipeline Parameters section on the Pipeline Settings page. <p>Default: Off Restart Required: No</p>

Features Generally Available

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

To enable the generally available features, see [Enable Generally Available Features](#).

Functional Areas

Feature	Description
Customer Collections Date Prediction	This machine learning feature predicts the expected payment date for open customer invoices. See Customer Collections Date Prediction .
Customer Collections Risk Prediction	This machine learning feature provides the customer collections risk prediction for open AR invoices. See Customer Collections Risk Prediction .
Supplier On-time Payments Prediction	This machine learning feature provides the supplier on-time payments prediction for open AP invoices. See Supplier On-time Payments Prediction .
Project Invoices Prior to Acceptance	This feature provides the ability to view invoices with all statuses in the Project Invoices subject area. By default, the Project Invoices subject area only shows invoices that are accepted in Receivables.

Pipeline Features

Feature	Description
Configurable Account Analysis	Configurable Account Analysis (CAA) is a cross finance self-service advanced capability in Oracle Fusion Analytics Warehouse that enables functional administrators to define the comprehensive account analysis template combining data across general ledger and multiple subledger sources right from the initial extract date. See Configurable Account Analysis .

Prerequisites for Oracle Fusion ERP Analytics

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

Topics:

- [Assign Financial Categories to the Natural Accounts](#)
- [Make the Key Flexfield Segments of Chart of Accounts BI-Enabled](#)
- [Create Segment Labels for Desired Segments and Map Them to BI Object Names](#)
- [Flatten and Publish Hierarchies](#)
- [Assign Financial Categories to the Natural Accounts](#)
- [Set Up Exchange Rates for Analytics Currency](#)
- [Force Deploy Extensible Flexfields](#)

Assign Financial Categories to the Natural Accounts

Be sure you link financial categories with natural accounts before using Oracle Fusion ERP Analytics and the provided subject areas.

Verify and assign financial categories to the natural accounts to identify groups of accounts for reporting/analysis in Oracle Fusion ERP Analytics. The system uses these Financial categories in prebuilt metrics of the GL Balance Sheet and GL Profitability subject areas. Search for the natural accounts, verify that financial accounts are assigned to them, and if not, then assign financial categories to the natural accounts.

1. Sign in to Oracle Cloud ERP.
2. Navigate to **My Enterprise**, click **Setup and Maintenance**, and in the Setup and Maintenance work area, go to the following:
 - **Offering:** Financials
 - **Functional Area:** Financial Reporting Structures
 - **Task:** Manage Chart of Accounts Structure Instances
3. In Manage Chart of Accounts Structure Instances, select **General Ledger** in **Module**, and click **Search**.
4. In Search Results, click **Manage Structure Instances**.
5. On the Manage Key Flexfield Structure Instances page, under Search, in **Structure Name**, select applicable name and click **Search**.

6. From the search results, select your Chart of Accounts Instance and click **Edit**.
7. On the Edit Key Flexfield Structure Instance page, in Segment Instances, identify your natural account segment in the Segment Code column, and click the corresponding value in the Value Set Code.
8. On the Manage Value Sets page, in Search Results, click **Manage Values**, and on the Manage Values page, click **Search** to list all the natural account codes.
9. In Search Results, ensure that all the active natural accounts have financial categories assigned to them in the Financial Category column.
10. If the active natural accounts don't have financial categories assigned to them, then assign using either way:
 - Manually select the financial category in the Financial Category column.
 - Map the financial categories to active accounts using the File Based Data Import (FBDI) template and .
11. To download these values into a spreadsheet, click **Action** and select **Export to Excel**.

Make the Key Flexfield Segments of Chart of Accounts BI-Enabled

Be sure you enable key flexfield segments for Oracle Transactional Business Intelligence before using Oracle Fusion ERP Analytics and the provided subject areas.

Perform this procedure in Oracle Cloud ERP.

1. Sign in to Oracle Cloud ERP.
2. Navigate to **My Enterprise**, click **Setup and Maintenance**, and in the Setup and Maintenance work area, go to the following:
 - **Offering:** Financials
 - **Functional Area:** Financial Reporting Structures
 - **Task:** Manage Chart of Accounts Structure Instances
3. In Manage Chart of Accounts Structure Instances, select **General Ledger** in **Module**, and click **Search**.
4. In Search Results, click **Manage Structure Instances**.
5. On the Manage Key Flexfield Structure Instances page, under Search, in **Structure Name**, select applicable name and click **Search**.
6. From the search results, select your Chart of Accounts Instance and click **Edit**.
7. On the Edit Key Flexfield Structure Instance page, in Segment Instances, select each a segment, click the edit icon, and in the Edit Key Flexfield Segment Instance dialog, ensure that the **BI enabled** check box is selected.

Create Segment Labels for Desired Segments and Map Them to BI Object Names

Be sure you create segment labels and map them to BI Objects before using Oracle Fusion ERP Analytics and the provided subject areas.

Populate the BI Object name for each of the segment labels that you plan to leverage with Oracle Transactional Business Intelligence(OTBI) for reporting and analysis.

For the following segment labels, populate the BI Object Name as follows:

Segment Label	BI Object Name
FA_COST_CTR	Dim - Cost Center
GL_BALANCING	Dim - Balancing Segment
GL_ACCOUNT	Dim - Natural Account Segment

For all other non-qualified segment labels that you want to leverage within Oracle Fusion Analytics Warehouse, populate the BI Object name with one of the following:

- Dim - GL Segment1
- Dim - GL Segment2
- Dim - GL Segment3
- Dim - GL Segment4
- Dim - GL Segment5
- Dim - GL Segment6
- Dim - GL Segment7
- Dim - GL Segment8
- Dim - GL Segment9
- Dim - GL Segment10

 **Note:**

You aren't allowed to assign a BI Object name to the predefined segment labels. You must create a new segment label and assign the BI Object name to it. It's mandatory to use Cost Center, Natural Account, and Balancing Segment Labels. Chart of Account should have these labels assigned to one of the Segments. Ensure that Segment Labels are a single word without any spaces.

If you're using the Intercompany Segment and want to use it for reporting, then you must create a label as you can't use the existing GL_INTERCOMPANY because it's read only. You must create a segment label and assign the BI Object name to it.

1. Sign in to Oracle Cloud ERP.
2. Navigate to **My Enterprise**, click **Setup and Maintenance**, and in the Setup and Maintenance work area, go to the following:

- **Offering:** Financials
 - **Functional Area:** Financial Reporting Structures
 - **Task:** Manage Chart of Accounts Structure Instances
3. In Manage Chart of Accounts Structure Instances, select **General Ledger** in Module, and click **Search**.
 4. In Search Results, click **Manage Segment Labels**.
 5. On the Manage Segment Labels page, populate the BI Object name for all the segment labels that you want to map and click **Save** and **Close**. Create segment labels if you aren't using the predefined segment labels.
 6. Assign these segment labels to your segments in the chart of accounts structure using these steps:
 - a. In Search Results, click **Actions**, select **Manage Structure**, and then on the Manage Key Flexfield Structures page under Search, click **Search**.
 - b. In Search Results, select the chart of accounts structure and click **Edit**.
 - c. In Segments, select the segment and click **Edit**.
 - d. In the Edit Key Flexfield Segment dialog for the selected segment, under Segment Labels, select the applicable Available Labels and move them to Selected Labels. Click **Save** and **Close**.
 - e. Repeat the steps for all the segments.
 7. After assigning labels to all the segments, deploy the flexfield using these steps:
 - a. Navigate to the **Manage Chart of Accounts Structure Instances** task.
 - b. In Search Results, select **General Ledger** in **Module** and click **Search**.
 - c. In Search Results, ensure that **General Ledger** is selected, and then click **Deploy Flexfield**.

Flatten and Publish Hierarchies

To ensure hierarchies are available in Oracle Fusion ERP Analytics, you need to flatten and publish them in Oracle Cloud ERP.

1. Sign in to Oracle Cloud ERP.
2. Navigate to **My Enterprise**, click **Setup and Maintenance**, and in the Setup and Maintenance work area, go to the following:
 - **Offering:** Financials
 - **Functional Area:** Financial Reporting Structures
 - **Task:** Manage Account Hierarchies

 **Note:**

Ensure that you show **All Tasks**.

3. In Manage Account Hierarchies, identify the tree structure that you want to flatten. If you have more than one active version of the tree, then you must flatten all active versions. Oracle Fusion Analytics Warehouse will only consider active tree versions.

4. In Search Results, select the version, select **Actions**, select **Flatten**, and then select **Column Flattening**.
5. In Manage Account Hierarchies, select Online Flattening, and then select Force Flattening.
6. Repeat these steps for all versions of all segments of your chart of accounts. You must complete these steps for all hierarchies of all segments.
7. Publish all the hierarchies and hierarchy versions that you flattened using these steps:
 - a. In the Setup and Maintenance work area, go the **Financials** offering, **Financial Reporting Structures** functional area, and **Publish Account Hierarchies** task ensuring All Tasks is showing.
 - b. In Publish Account Hierarchies, select the hierarchy and click **Search**.
 - c. In Search Results, select the **Publish** check box for the account hierarchies that you want to publish.
 - d. Click **Publish** to update the balances cubes.

Assign Hierarchies to Each Segment in Chart of Accounts

To ensure hierarchies are available in Oracle Fusion ERP Analytics, you need to assign hierarchies to each segment in the Oracle Cloud ERP chart of accounts.

1. Sign in to Oracle Cloud ERP.
2. Navigate to **My Enterprise**, click **Setup and Maintenance**, and in the Setup and Maintenance work area, go to the following:
 - **Offering:** Financials
 - **Functional Area:** Financial Reporting Structures
 - **Task:** Manage Chart of Accounts Structure Instances
3. In Manage Chart of Accounts Structure Instances, select **General Ledger in Module**, and click **Search**.
4. In Search Results, click **Manage Structure Instances**.
5. On the Manage Key Flexfield Structure Instances page, under Search, in Structure Name, select applicable name and click **Search**.
6. From the search results, select your Chart of Accounts Instance and click **Edit**.
7. On the Edit Key Flexfield Structure Instance page, in Segment Instances, select each segment and click the **Edit** icon.
8. In the Edit Key Flexfield Segment Instance dialog for the selected segment, in Tree Name, select the applicable value and click **OK**.
9. Repeat the steps for all segments in your Chart of Accounts instance.
10. After assigning labels to all the segments, deploy the flexfield using these instructions:
 - a. Navigate to the Manage Chart of Accounts Structure Instances task.
 - b. In Manage Chart of Accounts Structure Instances, select General Ledger in Module and click **Search**.
 - c. In Search Results, ensure that General Ledger is selected, and then click **Deploy Flexfield**.

Set Up Exchange Rates for Analytics Currency

You need to set up exchange rates for analytics currency to ensure the Oracle Cloud ERP data in Oracle Fusion ERP Analytics is accurate.

In the Oracle Fusion Analytics Warehouse reporting configuration, functional administrators can specify an Exchange rate type that Oracle Fusion Analytics Warehouse uses to convert from Ledger currency to Analytic currency. Before specifying the Exchange rate type, ensure that the exchange rates are defined in Oracle Cloud ERP for this rate type to ensure that the Analytic currency amounts are calculated correctly. The prebuilt workbooks and dashboards use the analytic currency amounts, so you need to preform this setup first. See

Force Deploy Extensible Flexfields

You need to deploy extensible flexfields for Oracle Cloud ERP to work properly with Oracle Fusion ERP Analytics.

1. Sign in to Oracle Cloud ERP.
2. Run **Refresh and Deploy Offline** from the Manage Extensible Flexfields taskflow for EGO_ITEM_EFF.
3. From Scheduled Processes, run the **Import Oracle Fusion Data Extensions for Transactional Business Intelligence** job to sync up Oracle Metadata Services with Oracle BI Cloud Service.

2

Tables

Overview

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



Note:

Tables ending with the suffix `_EN` and those listed in **Tables Without WHO Columns** are for Oracle Internal use only. In addition, tables storing descriptive flexfield data (DFF tables) aren't included in the documentation

Download this [ZIP file](#) that contains available tables that apply to the current version of Oracle Fusion ERP Analytics. Once the file downloads, extract the file, open the folder, and then open the release-specific HTML file. For example, click **24R1_Fusion_ERP_Analytics_Tables.html**.

Table Types

The suffixes in table names designate the table type.

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

Tables Without WHO Columns

All tables have two system date columns which can be used to get the last refresh dates.

These system date columns are:

- W\$_INSERT_DT - the timestamp when that particular record was inserted into that table.
- W\$_UPDATE_DT - the timestamp when that particular row was updated in that table.

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_LEGAL_EMPLOYER_D_TL
- DW_INV_ORGANIZATION_D_TL
- DW_DEPARTMENT_D_TL
- DW_BUSINESS_UNIT_D_TL
- DW_OFA_SEGMENT_D_TL
- DW_FISCAL_QUARTER_ACCT_D
- DW_FISCAL_YEAR_BC_D
- DW_FISCAL_YEAR_ACCT_D
- DW_FISCAL_DAY_BC_D
- DW_FISCAL_PERIOD_BC_D
- DW_FISCAL_DAY_D_NO_ADJUST
- DW_FISCAL_QUARTER_BC_D
- DW_FISCAL_PERIOD_ACCT_D
- DW_FISCAL_DAY_ACCT_D
- DW_DEPARTMENT_D
- DW_BUSINESS_UNIT_D
- DW_LEGAL_EMPLOYER_D
- DW_INV_ORGANIZATION_D
- DW_JOB_D_CURRENT_TL
- DW_PERSON_LEGISLATION_ALL_CURRENT_D
- DW_JOB_CURRENT_D
- DW_PERSON_NAME_CURRENT_D
- DW_AR_AGING_ACCT_INV_RCPT_CA
- DW_AR_AGING_ACCT_INV_RCPT_CUST_CA
- DW_AP_SLA_AGING_INV_CA
- DW_PROJECT_INVOICE_ALL_CF
- DW_GL_VARIANCES_CA
- DW_AR_ACC_UNACC_SCHEDULES_CF
- DW_AR_ACC_UNACC_REVENUE_CF

- DW_PROJECT_ASSET_LINE_CF
- DW_PROJECT_ASSET_D
- DW_FA_MC_SLA_TRX_DEPRN_CF
- DW_FA_ASSET_FINANCIALS_CF
- DW_FA_SLA_TRANSACTIONS_CF
- DW_FA_DEPRN_PERIODS_D
- DW_FA_ASSET_SOURCE_LINES_D
- DW_FA_BOOKS_D
- DW_FA_RETIREMENTS_D
- DW_FA_BOOK_CONTROLS_D

3

Relationship Diagram

Overview

This chapter provides diagrams that define the logical relationship of a Fact table with different dimension tables. Refer to the Tables section for information regarding the join conditions between the Fact tables and dimensions.

Download this [ZIP file](#) that contains available diagrams that apply to the current version of Oracle Fusion ERP Analytics. Once the file downloads, extract the file, open the folder, and then open the release-specific HTML file. For example, click **[24R1_Fusion_ERP_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 Financials 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 Enterprise Resource Planning products and review the data lineage and metric calculation 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 Financials Data Lineage details.

Financials Metric Calculation Spreadsheet

Use this [spreadsheet](#) that contains Fusion Financials Metric Calculation details.

Procurement Metric Calculation Spreadsheet

Use this [spreadsheet](#) that contains Fusion Procurement Metric Calculation details.

Projects Metric Calculation Spreadsheet

Use this [spreadsheet](#) that contains Fusion Projects Metric Calculation details.

6

Data Augmentation

Overview

Entities are key concepts or building blocks for implementing business processes in any Fusion 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 ERP. Select "Entity" in the Data augmentation flow.

7

Data Validation

Overview

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

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

Finance Metrics Spreadsheet

Use this [spreadsheet](#) that contains library of Finance metrics that are supported in Oracle Fusion Analytics Warehouse.

Project Metrics Spreadsheet

Use this [spreadsheet](#) that contains library of Project metrics that are supported in Oracle Fusion Analytics Warehouse.

Procurement Metrics Spreadsheet

Use this [spreadsheet](#) that contains library of Procurement metrics that are supported in Oracle Fusion Analytics Warehouse.

8

Subject Areas

Subject Areas

Overview

This section details subject area information for Enterprise Resource Planning data using Oracle Fusion ERP Analytics.

Download this [ZIP file](#) that contains available subject area information that applies to the current version of Oracle Fusion ERP Analytics. Once the file downloads, extract the file, open the folder, and then open the release-specific HTML file. For example, click **24R1_Fusion_ERP_Analytics_SubjectAreas.html**.

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

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



Note:

Job roles are the same as job-specific groups.

Offerings and Functional Areas

This table shows the offerings in Oracle Fusion ERP Analytics.

Functional Area Name	Dependency	Associated Subject Areas	Initial Release
Accounts Payable	NA	Financials - AP Aging, Financials - AP Expense, Financials - AP Holds, Financials - AP Invoices, Financials - AP Liabilities, Financials - AP Payments	19.R3
Accounts Receivable	NA	Financials - AR Aging, Financials - AR Credit Memo Applications, Financials - AR Receipts and Applications, Financials - AR Revenue, Financials - AR Transactions	19.R3
General Ledger	NA	Financials - GL Balance Sheet, Financials - GL Detail Transactions, Financials - GL Profitability	19.R3
Customer Collections Date Prediction (Preview)	Accounts Receivable, Customer Collections Risk Prediction	Financials - AR Aging, Financials - AR Transactions	20.R1
Customer Collections Risk Prediction (Preview)	Accounts Receivable	Financials - AR Aging, Financials - AR Transactions	20.R1
Supplier On-time Payments Prediction	Accounts Payable	Financials - AP Aging, Financials - AP Invoices, Financials - AP Payments	20.R1
Employee Expense	NA	Financials - EXM Employee Expenses	20.R4
Procurement Spend	NA	Procurement - Spend	20.R4
GL Budgets Analysis	General Ledger	Financials - GL Budgets	21.R1
Assets	NA	Financials - Assets Analysis, Financials - Assets Transactions	21.R2
Project Commitment	NA	PPM - Project Commitments	21.R2
Project Costing	NA	PPM - Project Costs	21.R2
ERP Primary UOM Conversion (Preview)	NA	All Procurement Subject Areas	21.R3

Functional Area Name	Dependency	Associated Subject Areas	Initial Release
Purchasing	NA	Procurement - Agreements, Procurement - Purchase Orders, Procurement - Receipts, Procurement - Requisitions	21.R4
Receivable Aging (Preview)	Accounts Receivable	Financials - AR Aging	21.R4
Project Asset (Preview)	Project Costing	PPM - Project Assets (Preview)	22.R1
Project Billing	NA	PPM - Project Funding, PPM - Project Invoices, PPM - Project Revenue	22.R1
Project Control	NA	PPM - Project Budgets, PPM - Project Forecasts	22.R1
AR Unaccounted Transactions	NA	Financials - AR Revenue, Financials - AR Transactions	22.R2
Project Invoices Prior to Acceptance	Project Billing	PPM - Project Invoices	22.R4
Grant Management (Preview)	NA	PPM - Grants Award Funding (Preview)	23.R1
Spend Classification (Preview)	Purchasing, Procurement Spend	Procurement - Purchase Orders, Procurement - Requisitions, Procurement - Spend	23.R2
Procurement Contracts (Preview)	NA	Enterprise Contracts - Contracts (Preview)	23.R4
Receipt Accounting (Preview)	NA	Procurement - Receipt Accounting (Preview)	23R4

Data Validation

Description

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

ERP Analytics and **Validate data for HCM Analytics** available in this workbook to view the data validation details.

Business Questions

This subject area can answer the following business questions:

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

Duty Roles

The System Administration duty role secures access to this subject area. See [Common Duty Roles](#).

Primary Navigation

Data Validation tile under Application Administration on the Console

Folder: /Shared Folders/Common/Data Validation

Special Considerations

None.

Security Assignment

Description

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

Business Questions

This subject area can answer the following business questions:

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

Duty Roles

The Security Reporting Duty role secures access to this subject area. See [Common Duty Roles](#).

Primary Navigation

Folder: /Shared Folders/Common/Security Assignment

Workbook: Security Audit

Special Considerations

None.

Security Audit History

This section is applicable for CX Subscription Management Analytics only.

Description

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

Business Questions

This subject area can answer the following business questions:

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

Duty Roles

The Security Reporting Duty role secures access to this subject area. See [Common Duty Roles](#).

Primary Navigation

Folder: /Shared Folders/Common/Security Audit History

Workbook: Security Audit

Special Considerations

None.

Usage Tracking

Description

Usage Tracking is a powerful feature that has been available in Oracle Analytics Cloud. In Oracle Fusion 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 business metrics, it is important to keep the usability considerations in mind including trends, slice-and-dice, and drilldowns. Where applicable, benchmark information showcasing performance with the peer group is available. Companies typically set strategic quarterly goals in terms of key metrics; where applicable, the business metrics show progress towards such goals.

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.

Warehouse Refresh Statistics

Description

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

Business Questions

This subject area can answer the following business questions:

- When was the warehouse last refreshed, by each module?
- Which modules have high percentage of rejected records?
- What are the specific records that have been rejected for a certain module?
- What errors did the pipeline encounter, by specific jobs?

- Which jobs fail most frequently?
- What are the cascading effects, for example what other related records also fail due to a certain failure of a job?

Duty Roles

The Data Warehouse Refresh Analysis Duty role secures access to this subject area. See [Common Duty Roles](#).

Primary Navigation

Folder: /Shared Folders/Common/Warehouse Refresh Statistics

Workbook: Warehouse Refresh Statistics

Special Considerations

None.

Business Questions

Overview

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

Download this [ZIP file](#) that contains available business questions that apply to the current version of Oracle Fusion ERP Analytics. Once the file downloads, extract the file, open the folder, and then open the release-specific HTML file. For example, click **24R1_Fusion_ERP_Analytics_BusinessQuestions.html**.



Note:

Job roles are the same as job-specific groups.

Job-Specific Groups

Overview

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



Note:

Job roles are the same as job-specific groups.

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_EXM_EXP ENSE_MANAGE R_JOB	Expense Manager	Expense Manager Job Group	OA4F_FIN_AP_B USINESS_UNIT_ DATA OA4F_FIN_EXM _EMPLOYEE_EX PENSE_ANALYS IS_DUTY OA4F_FIN_EXM _EMPLOYEE_EX PENSE_ANALYS IS_CONTENT_D UTY	EXM

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_AP_ACCO UNTS_PAYABLE _MANAGER_JO B	Accounts Payable Manager	Accounts Payable Manager Job Group	OA4F_PROC_BU SINESS_UNIT_D ATA OA4F_FIN_AP_B USINESS_UNIT_ DATA OA4F_FIN_AP_P AYMENT_BUSIN ESS_UNIT_DATA OA4F_FIN_REC ON_OTHER_JO URNALS_DATA OA4F_FIN_REC ON_AP_APPS_D ATA OA4F_FIN_REC ON_GL_APPS_D ATA OA4F_FIN_GL_A CCESS_SET_DA TA OA4F_PROC_SP END_ANALYSIS_ DUTY OA4F_FIN_GL_A CCOUNT_ANALY SIS_DUTY OA4F_FIN_AP_I NVOICES_ANAL YSIS_DUTY OA4F_FIN_AP_P AYMENTS_ANAL YSIS_DUTY OA4F_FIN_AP_L IABILITIES_ANA LYSIS_DUTY OA4F_FIN_AP_A GING_ANALYSIS_ _DUTY OA4F_FIN_AP_E XPENSES_ANAL YSIS_DUTY OA4F_FIN_AP_H OLDS_ANALYSI S_DUTY OA4F_PROC_SP END_ANALYSIS_ CONTENT_DUT Y OA4F_FIN_GL_A CCOUNT_ANALY	Procurement, AP

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			SIS_CONTENT_DUTY	
			OA4F_FIN_AP_I NVOICES_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_P AYMENTS_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_L IABILITIES_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_A GING_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_E XPENSES_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_H OLDS_ANALYSIS_CONTENT_DUTY	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_AP_ACCO UNTS_PAYABLE _SPECIALIST_J OB	Accounts Payable Specialist	Accounts Payable Specialist Job Group	OA4F_PROC_BU SINESS_UNIT_D ATA OA4F_FIN_AP_B USINESS_UNIT_ DATA OA4F_FIN_AP_P AYMENT_BUSIN ESS_UNIT_DATA OA4F_FIN_REC ON_OTHER_JO URNALS_DATA OA4F_FIN_REC ON_AP_APPS_D ATA OA4F_FIN_REC ON_GL_APPS_D ATA OA4F_FIN_GL_A CCESS_SET_DA TA OA4F_PROC_SP END_ANALYSIS_ DUTY OA4F_FIN_GL_A CCOUNT_ANALY SIS_DUTY OA4F_FIN_AP_I NVOICES_ANAL YSIS_DUTY OA4F_FIN_AP_P AYMENTS_ANAL YSIS_DUTY OA4F_FIN_AP_L IABILITIES_ANA LYSIS_DUTY OA4F_FIN_AP_A GING_ANALYSIS_ _DUTY OA4F_FIN_AP_E XPENSES_ANAL YSIS_DUTY OA4F_FIN_AP_H OLDS_ANALYSI S_DUTY OA4F_PROC_SP END_ANALYSIS_ CONTENT_DUT Y OA4F_FIN_GL_A CCOUNT_ANALY	Procurement, AP

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			SIS_CONTENT_DUTY	
			OA4F_FIN_AP_I	
			NVOICES_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_P	
			PAYMENTS_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_L	
			LIABILITIES_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_A	
			AGING_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_E	
			EXPENSES_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_H	
			OLDS_ANALYSIS_CONTENT_DUTY	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_AP_ACCO UNTS_PAYABLE _SUPERVISOR_ JOB	Accounts Payable Supervisor	Accounts Payable Supervisor Job Group	OA4F_PROC_BU SINESS_UNIT_D ATA OA4F_FIN_AP_B USINESS_UNIT_ DATA OA4F_FIN_AP_P AYMENT_BUSIN ESS_UNIT_DATA OA4F_FIN_REC ON_OTHER_JO URNALS_DATA OA4F_FIN_REC ON_AP_APPS_D ATA OA4F_FIN_REC ON_GL_APPS_D ATA OA4F_FIN_GL_A CCESS_SET_DA TA OA4F_PROC_SP END_ANALYSIS_ DUTY OA4F_FIN_GL_A CCOUNT_ANALY SIS_DUTY OA4F_FIN_AP_I NVOICES_ANAL YSIS_DUTY OA4F_FIN_AP_P AYMENTS_ANAL YSIS_DUTY OA4F_FIN_AP_L IABILITIES_ANA LYSIS_DUTY OA4F_FIN_AP_A GING_ANALYSIS_ _DUTY OA4F_FIN_AP_E XPENSES_ANAL YSIS_DUTY OA4F_FIN_AP_H OLDS_ANALYSI S_DUTY OA4F_PROC_SP END_ANALYSIS_ CONTENT_DUT Y OA4F_FIN_GL_A CCOUNT_ANALY	Procurement, AP

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			SIS_CONTENT_DUTY	
			OA4F_FIN_AP_I NVOICES_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_P AYMENTS_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_L IABILITIES_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_A GING_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_E XPENSES_ANALYSIS_CONTENT_DUTY	
			OA4F_FIN_AP_H OLDS_ANALYSIS_CONTENT_DUTY	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PO_BUYER_JOB	Buyer	Buyer Job Group	OA4F_PROC_BUYER_JOB 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	Procurement

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PO_PROCUREMENT_MANAGER_JOB	Procurement Manager	Procurement Manager Job Group	OA4F_PROC_BUSINESS_UNIT_ATA 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	Procurement

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PON_CATEGORY_MANAGER_JOB	Category Manager	Category Manager Job Group	OA4F_PROC_BUSINESS_UNIT_ATA OA4F_PROC_SPEND_ANALYSIS_DUTY OA4F_PROC_PURCHASE_ORDER_ANALYSIS_DUTY OA4F_PROC_PURCHASE_AGREEMENT_ANALYSIS_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_DUTY OA4F_PROC_REQUISITIONS_ANALYSIS_DUTY OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_ORDER_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_AGREEMENT_ANALYSIS_CONTENT_DUTY OA4F_PROC_PURCHASE_RECEIPTS_ANALYSIS_CONTENT_DUTY OA4F_PROC_REQUISITIONS_ANALYSIS_CONTENT_DUTY NEXUS_BASE_OA4F_PROC_SPEND_ANALYSIS_CONTENT_DUTY	Procurement

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PO_PROCUREMENT_CONTRACT_ADMINISTRATOR_JOB	Procurement Contract Administrator	Procurement Contract Administrator Job Group	OA4F_PROC_BUSINESS_UNIT_D ATA 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	Procurement

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PO_PURC HASE_ANALYSI S_ABSTRACT	Purchase Analysis	Purchase Analysis Job Group	OA4F_PROC_RE Q_BUSINESS_U NIT_DATA OA4F_PROC_SP END_ANALYSIS_ DUTY OA4F_PROC_PU RCHASE_ORDE R_ANALYSIS_D UTY OA4F_PROC_PU RCHASE_RECEI PTS_ANALYSIS_ DUTY OA4F_PROC_RE QUISITIONS_AN ALYSIS_DUTY OA4F_PROC_SP END_ANALYSIS_ CONTENT_DUT Y OA4F_PROC_PU RCHASE_ORDE R_ANALYSIS_C ONTENT_DUTY OA4F_PROC_PU RCHASE_RECEI PTS_ANALYSIS_ CONTENT_DUT Y OA4F_PROC_RE QUISITIONS_AN ALYSIS_CONTE NT_DUTY	Procurement
ORA_INV_WARE HOUSE_MANAG ER_JOB	Warehouse Manager	Warehouse Manager Job Group	OA4F_PROC_IN V_ORG_DATA OA4F_PROC_PU RCHASE_RECEI PTS_ANALYSIS_ DUTY	Procurement

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PJF_PROJECT_MANAGER_JOB	Project Manager	Project Manager Job Group	OA4F_PPM_PROJECT_MANAGER_DATA OA4F_PPM_PROJECTS_COSTS_DUTY OA4F_PPM_PROJECTS_COMMITMENTS_DUTY OA4F_PPM_PROJECTS_BUDGETS_DUTY OA4F_PPM_PROJECTS_FORECASTS_DUTY OA4F_PPM_PROJECTS_FUNDING_DUTY OA4F_PPM_PROJECTS_REVENUE_DUTY OA4F_PPM_PROJECTS_INVOICE_DUTY OA4F_PPM_PROJECTS_ASSETS_DUTY OA4F_PPM_PROJECTS_COSTS_CONTENT_DUTY OA4F_PPM_PROJECTS_COMMITMENTS_CONTENT_DUTY OA4F_PPM_PROJECTS_BUDGETS_CONTENT_DUTY OA4F_PPM_PROJECTS_FORECASTS_CONTENT_DUTY OA4F_PPM_PROJECTS_FUNDING_CONTENT_DUTY OA4F_PPM_PROJECTS_REVENUE_CONTENT_DUTY OA4F_PPM_PROJECTS_INVOICE	PJC, PJO, PJB

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			E_CONTENT_D UTY	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PJF_PROJECT_ADMINISTRATOR_JOB	Project Administrator	Project Administrator Job Group	OA4F_PPM_PROJECT_BUSINESS_UNIT_DATA OA4F_PPM_PROJECT_ORGANIZATION_DATA OA4F_PPM_PROJECT_COSTS_DUTY OA4F_PPM_PROJECT_COMMITMENTS_DUTY OA4F_PPM_PROJECT_BUDGETS_DUTY OA4F_PPM_PROJECT_FORECASTS_DUTY OA4F_PPM_PROJECT_FUNDING_DUTY OA4F_PPM_PROJECT_REVENUE_DUTY OA4F_PPM_PROJECT_INVOICE_DUTY OA4F_PPM_PROJECT_COSTS_CONTENT_DUTY OA4F_PPM_PROJECT_COMMITMENTS_CONTENT_DUTY OA4F_PPM_PROJECT_BUDGETS_CONTENT_DUTY OA4F_PPM_PROJECT_FORECASTS_CONTENT_DUTY OA4F_PPM_PROJECT_FUNDING_CONTENT_DUTY OA4F_PPM_PROJECT_REVENUE_CONTENT_DUTY OA4F_PPM_PROJECT_INVOICE	PJC, PJO, PJB

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			E_CONTENT_D UTY	
ORA_PJF_PROJ ECT_ACCOUNT ANT_JOB	Project Accountant	Project Accountant Job Group	OA4F_PPM_EXP ENDITURE_BUS INESS_UNIT_DA TA OA4F_PPM_PR OBJECTS_CONT RACTS_BUSINE SS_UNIT_DATA OA4F_PPM_PR OBJECTS_COSTS _DUTY OA4F_PPM_PR OBJECTS_COMMI TMENTS_DUTY OA4F_PPM_PR OBJECTS_REVEN UE_DUTY OA4F_PPM_PR OBJECTS_ASSET S_DUTY OA4F_PPM_PR OBJECTS_COSTS _CONTENT_DU TY OA4F_PPM_PR OBJECTS_COMMI TMENTS_CONT ENT_DUTY OA4F_PPM_PR OBJECTS_REVEN UE_CONTENT_ DUTY	PJC, PJB
ORA_FA_ASSET _ACCOUNTING_ MANAGE_JOB	Asset Accounting Manager	Asset Accounting Manager Job Group	OA4F_FIN_FA_A SSET_BOOK_DA TA OA4F_FIN_FA_A SSETS_ANALYSI S_DUTY OA4F_FIN_FA_A SSETS_TRANSA CTIONS_DUTY OA4F_FIN_FA_A SSETS_ANALYSI S_CONTENT_D UTY OA4F_FIN_FA_A SSETS_TRANSA CTIONS_CONTE NT_DUTY	PJC, PJB

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_FA_ASSET_ACCOUNTANT_JOB	Asset Accountant	Asset Accountant Job Group	OA4F_FIN_FA_A SSETS_BOOK_DATA OA4F_FIN_FA_A SSETS_ANALYSIS_DUTY OA4F_FIN_FA_A SSETS_TRANSACTIONS_DUTY OA4F_FIN_FA_A SSETS_ANALYSIS_CONTENT_DUTY OA4F_FIN_FA_A SSETS_TRANSACTIONS_CONTENT_DUTY	FA
ORA_PJF_PROJECT_BILLING_SPECIALIST_JOB	Project Billing Specialist	Project Billing Specialist Job Group	OA4F_PPM_PROJECTS_BUSINESS_UNIT_DATA OA4F_PPM_PROJECTS_FUNDING_DUTY OA4F_PPM_PROJECTS_INVOICE_DUTY OA4F_PPM_PROJECTS_FUNDING_CONTENT_DUTY OA4F_PPM_PROJECTS_INVOICE_CONTENT_DUTY	PJB

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_GL_GENE RAL_ACCOUNTI NG_MANAGER_ JOB	General Accounting Manager	General Accounting Manager Job Group	OA4F_FIN_AP_B USINESS_UNIT_ DATA OA4F_FIN_AR_B USINESS_UNIT_ DATA OA4F_FIN_AP_P AYMENT_BUSIN ESS_UNIT_DATA OA4F_FIN_AR_ RECEIPT_BUSIN ESS_UNIT_DATA OA4F_FIN_REC ON_OTHER_JO URNALS_DATA OA4F_FIN_REC ON_AP_APPS_D ATA OA4F_FIN_REC ON_AR_APPS_D ATA OA4F_FIN_REC ON_GL_APPS_D ATA OA4F_FIN_GL_A CCESS_SET_DA TA OA4F_FIN_GL_B ALANCE_SHEET _ANALYSIS_DUT Y OA4F_FIN_GL_P ROFITABILITY_A NALYSIS_DUTY OA4F_FIN_GL_D ETAIL_TRANSAC TIONS_ANALYSI S_DUTY OA4F_FIN_GL_B UDGETS_ANALY SIS_DUTY OA4F_FIN_GL_A CCOUNT_ANALY SIS_DUTY OA4F_FIN_GL_B ALANCE_SHEET _ANALYSIS_CO NTENT_DUTY OA4F_FIN_GL_P ROFITABILITY_A NALYSIS_CONT ENT_DUTY	GL

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			OA4F_FIN_GL_D ETAIL_TRANSAC TIONS_ANALYSI S_CONTENT_D UTY	
			OA4F_FIN_GL_B UDGETS_ANALY SIS_CONTENT_ DUTY	
			OA4F_FIN_GL_A CCOUNT_ANALY SIS_CONTENT_ DUTY	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_GL_GENE RAL_ACCOUNTA NT_JOB	General Accountant	General Accountant Job Group	OA4F_FIN_AP_B USINESS_UNIT_ DATA OA4F_FIN_AR_B USINESS_UNIT_ DATA OA4F_FIN_AP_P AYMENT_BUSIN ESS_UNIT_DATA OA4F_FIN_AR_ RECEIPT_BUSIN ESS_UNIT_DATA OA4F_FIN_REC ON_OTHER_JO URNALS_DATA OA4F_FIN_REC ON_AP_APPS_D ATA OA4F_FIN_REC ON_AR_APPS_D ATA OA4F_FIN_REC ON_GL_APPS_D ATA OA4F_FIN_GL_A CCESS_SET_DA TA OA4F_FIN_GL_B ALANCE_SHEET _ANALYSIS_DUT Y OA4F_FIN_GL_P ROFITABILITY_A NALYSIS_DUTY OA4F_FIN_GL_D ETAIL_TRANSAC TIONS_ANALYSI S_DUTY OA4F_FIN_GL_B UDGETS_ANALY SIS_DUTY OA4F_FIN_GL_A CCOUNT_ANALY SIS_DUTY OA4F_FIN_GL_B ALANCE_SHEET _ANALYSIS_CO NTENT_DUTY OA4F_FIN_GL_P ROFITABILITY_A NALYSIS_CONT ENT_DUTY	GL

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			OA4F_FIN_GL_D ETAIL_TRANSAC TIONS_ANALYSI S_CONTENT_D UTY	
			OA4F_FIN_GL_B UDGETS_ANALY SIS_CONTENT_ DUTY	
			OA4F_FIN_GL_A CCOUNT_ANALY SIS_CONTENT_ DUTY	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_GL_FINANCIAL_ANALYST_JOB	Financial Analyst	Financial Analyst Job Group	OA4F_FIN_AP_B USINESS_UNIT_ DATA OA4F_FIN_AR_B USINESS_UNIT_ DATA OA4F_FIN_AP_P AYMENT_BUSIN ESS_UNIT_DATA OA4F_FIN_AR_ RECEIPT_BUSIN ESS_UNIT_DATA OA4F_FIN_REC ON_OTHER_JO URNALS_DATA OA4F_FIN_REC ON_AP_APPS_D ATA OA4F_FIN_REC ON_AR_APPS_D ATA OA4F_FIN_REC ON_GL_APPS_D ATA OA4F_FIN_GL_B ALANCE_SHEET _ANALYSIS_DUT Y OA4F_FIN_GL_P ROFITABILITY_A NALYSIS_DUTY OA4F_FIN_GL_D ETAIL_TRANSAC TIONS_ANALYSI S_DUTY OA4F_FIN_GL_B UDGETS_ANALY SIS_DUTY OA4F_FIN_GL_A CCOUNT_ANALY SIS_DUTY OA4F_FIN_GL_B ALANCE_SHEET _ANALYSIS_CO NTENT_DUTY OA4F_FIN_GL_P ROFITABILITY_A NALYSIS_CONT ENT_DUTY OA4F_FIN_GL_D ETAIL_TRANSAC TIONS_ANALYSI	GL

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			S_CONTENT_D UTY	
			OA4F_FIN_GL_B UDGETS_ANALY SIS_CONTENT_ DUTY	
			OA4F_FIN_GL_A CCOUNT_ANALY SIS_CONTENT_ DUTY	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_AR_ACCO UNTS_RECEIVA BLE_MANAGER _JOB	Accounts Receivable Manager	Accounts Receivable Manager Job Group	OA4F_FIN_AR_B USINESS_UNIT_ DATA OA4F_FIN_AR_ RECEIPT_BUSIN ESS_UNIT_DATA OA4F_FIN_REC ON_OTHER_JO URNALS_DATA OA4F_FIN_REC ON_AR_APPS_D ATA OA4F_FIN_REC ON_GL_APPS_D ATA OA4F_FIN_GL_A CCESS_SET_DA TA OA4F_FIN_AR_T RANSACTIONS_ ANALYSIS_DUT Y OA4F_FIN_AR_A GING_ANALYSIS _DUTY OA4F_FIN_AR_ CREDITMEMO_ ANALYSIS_DUT Y OA4F_FIN_AR_A DJUSTMENTS_A NALYSIS_DUTY OA4F_FIN_AR_A PPLICATIONS_A NALYSIS_DUTY OA4F_FIN_AR_ REVENUE_ANA LYSIS_DUTY OA4F_FIN_GL_A CCOUNT_ANALY SIS_DUTY OA4F_FIN_AR_T RANSACTIONS_ ANALYSIS_CON TENT_DUTY OA4F_FIN_AR_A GING_ANALYSIS _CONTENT_DU TY OA4F_FIN_AR_ CREDITMEMO_	AR

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			ANALYSIS_CON TENT_DUTY OA4F_FIN_AR_A DJUSTMENTS_A NALYSIS_CONT ENT_DUTY OA4F_FIN_AR_A PPLICATIONS_A NALYSIS_CONT ENT_DUTY OA4F_FIN_AR_ REVENUE_ANA LYSIS_CONTEN T_DUTY OA4F_FIN_GL_A CCOUNT_ANALY SIS_CONTENT_ DUTY	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_AR_ACCO UNTS_RECEIVA BLE_SPECIALIS T_JOB	Accounts Receivable Specialist	Accounts Receivable Specialist Job Group	OA4F_FIN_AR_B USINESS_UNIT_ DATA OA4F_FIN_AR_ RECEIPT_BUSIN ESS_UNIT_DATA OA4F_FIN_REC ON_OTHER_JO URNALS_DATA OA4F_FIN_REC ON_AR_APPS_D ATA OA4F_FIN_REC ON_GL_APPS_D ATA OA4F_FIN_GL_A CCESS_SET_DA TA OA4F_FIN_AR_T RANSACTIONS_ ANALYSIS_DUT Y OA4F_FIN_AR_A GING_ANALYSIS _DUTY OA4F_FIN_AR_ CREDITMEMO_ ANALYSIS_DUT Y OA4F_FIN_AR_A DJUSTMENTS_A NALYSIS_DUTY OA4F_FIN_AR_A PPLICATIONS_A NALYSIS_DUTY OA4F_FIN_AR_ REVENUE_ANA LYSIS_DUTY OA4F_FIN_GL_A CCOUNT_ANALY SIS_DUTY OA4F_FIN_AR_T RANSACTIONS_ ANALYSIS_CON TENT_DUTY OA4F_FIN_AR_A GING_ANALYSIS _CONTENT_DU TY OA4F_FIN_AR_ CREDITMEMO_	AR

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			ANALYSIS_CON TENT_DUTY OA4F_FIN_AR_A DJUSTMENTS_A NALYSIS_CONT ENT_DUTY OA4F_FIN_AR_A PPLICATIONS_A NALYSIS_CONT ENT_DUTY OA4F_FIN_AR_ REVENUE_ANA LYSIS_CONTEN T_DUTY OA4F_FIN_GL_A CCOUNT_ANALY SIS_CONTENT_ DUTY	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_AP_ACCO UNTS_PAYABLE _INVOICE_SUPE RVISOR_JOB	Account Payable Invoice Supervisor	Account Payable Invoice Supervisor Job Group	OA4F_FIN_AP_P AYMENT_BUSIN ESS_UNIT_DATA OA4F_FIN_REC ON_OTHER_JO URNALS_DATA OA4F_FIN_REC ON_AP_APPS_D ATA OA4F_FIN_REC ON_GL_APPS_D ATA OA4F_FIN_AP_B USINESS_UNIT_ DATA OA4F_FIN_GL_A CCESS_SET_DA TA OA4F_FIN_GL_A CCOUNT_ANALY SIS_DUTY OA4F_FIN_AP_I NVOICES_ANAL YSIS_DUTY OA4F_FIN_AP_P AYMENTS_ANAL YSIS_DUTY OA4F_FIN_AP_L IABILITIES_ANA LYSIS_DUTY OA4F_FIN_AP_A GING_ANALYSIS _DUTY OA4F_FIN_AP_E XPENSES_ANAL YSIS_DUTY OA4F_FIN_AP_H OLDS_ANALYSI S_DUTY OA4F_FIN_GL_A CCOUNT_ANALY SIS_CONTENT_ DUTY OA4F_FIN_AP_I NVOICES_ANAL YSIS_CONTENT _DUTY OA4F_FIN_AP_P AYMENTS_ANAL YSIS_CONTENT _DUTY OA4F_FIN_AP_L IABILITIES_ANA	AP

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			LYSIS_CONTENT_DUTY OA4F_FIN_AP_A GING_ANALYSIS_CONTENT_DUTY OA4F_FIN_AP_EXPENSES_ANALYSIS_CONTENT_DUTY OA4F_FIN_AP_HOLDS_ANALYSIS_CONTENT_DUTY	

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_AP_ACCO UNTS_PAYABLE _PAYMENT_SUP ERVISOR_JOB	Account Payable Payment Supervisor	Account Payable Payment Supervisor Job Group	OA4F_FIN_AP_P AYMENT_BUSIN ESS_UNIT_DATA OA4F_FIN_REC ON_OTHER_JO URNALS_DATA OA4F_FIN_REC ON_AP_APPS_D ATA OA4F_FIN_REC ON_GL_APPS_D ATA OA4F_FIN_AP_B USINESS_UNIT_ DATA OA4F_FIN_GL_A CCESS_SET_DA TA OA4F_FIN_GL_A CCOUNT_ANALY SIS_DUTY OA4F_FIN_AP_I NVOICES_ANAL YSIS_DUTY OA4F_FIN_AP_P AYMENTS_ANAL YSIS_DUTY OA4F_FIN_AP_L IABILITIES_ANA LYSIS_DUTY OA4F_FIN_AP_A GING_ANALYSIS _DUTY OA4F_FIN_AP_E XPENSES_ANAL YSIS_DUTY OA4F_FIN_AP_H OLDS_ANALYSI S_DUTY OA4F_FIN_GL_A CCOUNT_ANALY SIS_CONTENT_ DUTY OA4F_FIN_AP_I NVOICES_ANAL YSIS_CONTENT _DUTY OA4F_FIN_AP_P AYMENTS_ANAL YSIS_CONTENT _DUTY OA4F_FIN_AP_L IABILITIES_ANA	AP

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
			LYSIS_CONTENT_DUTY OA4F_FIN_AP_A GING_ANALYSIS _CONTENT_DU TY OA4F_FIN_AP_E XPENSES_ANAL YSIS_CONTENT _DUTY OA4F_FIN_AP_H OLDS_ANALYSI S_CONTENT_D UTY	
ORA_PJF_PRIN CIPAL_INVESTI GATOR_JOB	Principal Investigator	Principal Investigator Job Group	OA4F_PPM_PRI NCIPAL_INVESTI GATOR_DATA OA4F_PPM_GR ANTS_COSTING _DUTY OA4F_PPM_GR ANTS_BUDGET S_DUTY OA4F_PPM_GR ANTS_AWARD_ FUNDING_DUTY	PJC, PJO, GMS
ORA_PJF_GRAN TS_ADMINISTR ATOR_JOB	Grants Administrator	Grants Administrator Job Group	OA4F_PPM_PR OJECTS_CONT RACTS_BUSINE SS_UNIT_DATA OA4F_PPM_PR OJECT_BUSINE SS_UNIT_DATA OA4F_PPM_GR ANTS_COSTING _DUTY OA4F_PPM_GR ANTS_BUDGET S_DUTY OA4F_PPM_GR ANTS_REVENU E_DUTY OA4F_PPM_GR ANTS_INVOICE_ DUTY OA4F_PPM_GR ANTS_AWARD_ FUNDING_DUTY	PJC, PJB, PJO, GMS

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_PJF_GRAN TS_ACCOUNTA NT_JOB	Grants Accountant	Grants Accountant Job Group	OA4F_PPM_EXP ENDITURE_BUS INESS_UNIT_DA TA OA4F_PPM_PR OBJECTS_CONT RACTS_BUSINE SS_UNIT_DATA OA4F_PPM_GR ANTS_COSTING _DUTY OA4F_PPM_GR ANTS_REVENU E_DUTY	PJC, PJB
ORA_OKC_ENT ERPRISE_CONT RACT_MANAGE R_JOB	Enterprise Contract Manager	Enterprise Contract Manager Job Group	OA4F_OKC_CO NTRACT_BUSIN ESS_UNIT_DATA OA4F_OKC_ENT ERPRISE_CONT RACTS_ANALYS IS_DUTY	Procurement
ORA_OKC_ENT ERPRISE_CONT RACT_ADMINIS TRATOR_JOB	Enterprise Contract Administrator	Enterprise Contract Administrator Job Group	OA4F_OKC_CO NTRACT_BUSIN ESS_UNIT_DATA OA4F_OKC_ENT ERPRISE_CONT RACTS_ANALYS IS_DUTY	Procurement
ORA_OKC_ENT ERPRISE_CONT RACT_TEAM_M EMBER_ABSTR ACT	Enterprise Contract Team Member (Abstract Role)	Enterprise Contract Team Member (Abstract Role) Job Group	OA4F_OKC_CO NTRACT_BUSIN ESS_UNIT_DATA OA4F_OKC_ENT ERPRISE_CONT RACTS_ANALYS IS_DUTY	Procurement
ORA_OKC_SUP PLIER_CONTRA CT_MANAGER_J OB	Supplier Contract Manager	Supplier Contract Manager Job Group	OA4F_OKC_CO NTRACT_BUSIN ESS_UNIT_DATA OA4F_OKC_ENT ERPRISE_CONT RACTS_ANALYS IS_DUTY	Procurement
ORA_OKC_SUP PLIER_CONTRA CT_ADMINISTR ATOR_JOB	Supplier Contract Administrator	Supplier Contract Administrator Job Group	OA4F_OKC_CO NTRACT_BUSIN ESS_UNIT_DATA OA4F_OKC_ENT ERPRISE_CONT RACTS_ANALYS IS_DUTY	Procurement

Job-Specific Group Code	Job-Specific Group Name	Description	Associated Application Roles	Functional Area
ORA_OKC_SUPPLIER_CONTRACT_TEAM_MEMBER_ABSTRACT	Supplier Contract Team Member (Abstract Role)	Supplier Contract Team Member (Abstract Role) Job Group	OA4F_OKC_CONTRACT_BUSINESS_UNIT_DATA OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY	Procurement
ORA_CMR_RECEIPT_ACCOUNTING_DISCRETIONARY	Receipt Accounting	Receipt Accounting Job Group	OA4F_SCM_CMR_BUSINESS_UNIT_DATA OA4F_CMR_RECEIPT_ACCOUNTING_DUTY	Receipt Accounting

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_ANALYSIS_DUTY	Not applicable	Common

Data Roles

Overview

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

Data Role Code	Data Role Name	Description	Functional Area
OA4F_FIN_AP_BUSINESS_UNIT_DATA	Accounts Payable Business Unit Data Security	Allows access to the accounts payable business unit based data.	AP, EXM, Procurement
OA4F_PROC_BUSINESS_UNIT_DATA	Procurement Business Unit Data Security	Allows access to the procurement business unit based data.	Procurement
OA4F_PROC_INV_ORG_DATA	Procurement Inventory Organization Data Security	Allows access to the Receipts subject area based on the receiving organization.	Procurement
OA4F_PROC_REQ_BUSINESS_UNIT_DATA	Procurement Requisition Business Unit Data Security	Allows access to the procurement Requisition business unit based data.	Procurement
OA4F_PPM_PROJECT_BUSINESS_UNIT_DATA_A	Project Business Unit Data Security	Allows access to the PPM Project business unit based data.	PJC
OA4F_PPM_PROJECT_ORGANIZATION_DATA_A	Project Organization Data Security	Allows access to the PPM Project Organization hierarchy based data.	PJC
OA4F_PPM_EXPENDITURE_BUSINESS_UNIT_DATA	Project Expenditure Business Unit Data Security	Allows access to the PPM Project Expenditure business unit based data.	PJC
OA4F_PPM_PROJECT_MANAGER_DATA	Project Manager Data Security	Allows access based on the Projects that the Project Manager is assigned to.	PJC
OA4F_FIN_FA_ASSET_BOOK_DATA	Fixed Asset Book Data Security	Allows access to the fixed asset book based data.	FA
OA4F_PPM_PROJECTS_CONTRACTS_BUSINESS_UNIT_DATA	Contract Business Unit Data Security	Allows access to the Projects Contract business unit based data.	PJB
OA4F_FIN_AR_RECEIPT_BUSINESS_UNIT_DATA	Accounts Receivable Receipt Business Unit Data Security	Allows access to Accounts Receivable Receipt business unit based data.	AR
OA4F_FIN_AR_BUSINESS_UNIT_DATA	Accounts Receivable Business Unit Data Security	Allows access to Accounts Receivable business unit based data.	AR
OA4F_FIN_AP_PAYMENT_BUSINESS_UNIT_DATA	Accounts Payable Payment Business Unit Data Security	Allows access to Accounts Payable Payment business unit based data.	AP
OA4F_FIN_GL_ACCESS_SET_DATA	General Ledger Access Set Data Security	Allows access to ledger set based data.	GL

Data Role Code	Data Role Name	Description	Functional Area
OA4F_FIN_RECON_OT HER_JOURNALS_DATA	Account Reconciliation Other Journals Data Security	Allows access to Account Reconciliation Other Journals data.	GL
OA4F_FIN_RECON_GL _APPS_DATA	Account Reconciliation General Ledger Application Data Security	Allows access to Account Reconciliation General Ledger application based data.	GL
OA4F_FIN_RECON_AR _APPS_DATA	Account Reconciliation Accounts Receivable Application Data Security	Allows access to Account Reconciliation Accounts Receivable application based data.	GL
OA4F_FIN_RECON_AP _APPS_DATA	Account Reconciliation Accounts Payable Application Data Security	Allows access to Account Reconciliation Accounts Payable application based data.	GL
OA4F_PPM_PRINCIPA L_INVESTIGATOR_DAT A	Principal Investigator Data Security	Allows access based on the Awards that the Principal Investigator is assigned to.	GMS
OA4F_OKC_CONTRAC T_BUSINESS_UNIT_D ATA	Contract Business Unit Data Security	Data security role to access contracts business unit-based data.	Procurement
OA4F_SCM_CMR_BUS INESS_UNIT_DATA	Profit Center Business Unit Data Security for Receipt Accounting Business Function	Data security role to access Receipt Accounting business unit-based data.	Receipt Accounting

Duty Roles

Overview

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

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_FIN_EXM _EMPLOYEE_EX PENSE_ANALYS IS_DUTY	Employee Expense Analysis Duty	Controls catalog access to the Financials - EXM Employee Expenses subject area.	EXM	Financials - EXM Employee Expenses

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_PROC_SP END_ANALYSIS_ DUTY	Procurement Spend Analysis Duty	Controls catalog access to the Procurement Spend subject area.	Procurement	Procurement - Spend
OA4F_PROC_PU RCHASE_ORDE R_ANALYSIS_D UTY	Procurement Purchase Order Analysis Duty	Controls catalog access to the Procurement Purchase Order subject area..	Procurement	Procurement - Purchase Orders
OA4F_PROC_PU RCHASE_AGRE EMENT_ANALYS IS_DUTY	Procurement Purchase Agreement Analysis Duty	Controls catalog access to the Procurement Purchase Agreement subject area.	Procurement	Procurement - Agreements
OA4F_PROC_PU RCHASE_RECEI PTS_ANALYSIS_ DUTY	Procurement Purchase Receipts Analysis Duty	Controls catalog access to the Procurement Purchase Receipts subject area.	Procurement	Procurement - Receipts
OA4F_PROC_RE QUISITIONS_AN ALYSIS_DUTY	Procurement Requisitions Analysis Duty	Controls catalog access to the Procurement Requisitions subject area.	Procurement	Procurement - Requisitions
OA4F_PPM_PR OJECTS_COSTS _DUTY	Project Costing Costs Analysis Duty	Controls catalog access to the Project Costs subject area..	PJC	PPM - Project Costs
OA4F_FIN_FA_A SSETS_ANALYSI S_DUTY	Fixed Asset Analysis Duty	Controls catalog access to the Financials Assets Analysis subject area.	FA	Financials - Assets Analysis
OA4F_FIN_FA_A SSETS_TRANSA CTIONS_DUTY	Fixed Asset Transactions Analysis Duty	Controls catalog access to the Financials Assets Transactions subject area.	FA	Financials - Assets Transactions
OA4F_PPM_PR OJECTS_COMMI TMENTS_DUTY	Project Costing Commitments Analysis Duty	Controls catalog access to the Project Commitments subject area.	PJC	PPM - Project Commitments
OA4F_PPM_PR OJECTS_BUDG ETS_DUTY	Project Control Budget Analysis Duty	Controls catalog access to the Project Budgets subject area.	PJO	PPM - Project Budgets

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_PPM_PROJECTS_FORECASTS_DUTY	Project Control Forecast Analysis Duty	Controls catalog access to the Project Forecasts subject area.	PJO	PPM - Project Forecasts
OA4F_PPM_PROJECTS_FUNDING_DUTY	Project Billing Funding Analysis Duty	Controls catalog access to the Project Funding subject area.	PJB	PPM - Project Funding
OA4F_PPM_PROJECTS_REVENUE_DUTY	Project Billing Revenue Analysis Duty	Controls catalog access to the Project Revenue subject area.	PJB	PPM - Project Revenue
OA4F_PPM_PROJECTS_INVOICES_DUTY	Project Billing Invoice Analysis Duty	Controls presentation catalog access to Project Invoices subject area.	PJB	PPM - Project Invoices
OA4F_FIN_GENERAL_LEDGER_PROFITABILITY_ANALYSIS_DUTY	Profitability Analysis Duty	Controls presentation catalog access to Financials GL Profitability subject area..	GL	Financials - GL Profitability
OA4F_FIN_GENERAL_LEDGER_TRANSACTION_ANALYSIS_DUTY	General Ledger Detail Transactions Analysis Duty	Controls presentation catalog access to Financials GL Detail Transactions subject area.	GL	Financials - GL Detail Transactions
OA4F_FIN_GENERAL_LEDGER_BUDGET_ANALYSIS_DUTY	General Ledger Budget Analysis Duty	Controls presentation catalog access to Financials GL Budget subject area.	GL	Financials - GL Budgets
OA4F_FIN_GENERAL_LEDGER_BALANCE_SHEET_ANALYSIS_DUTY	General Ledger Balance Sheet Analysis Duty	Controls presentation catalog access to Financials GL Balance Sheet subject area..	GL	Financials - GL Balance Sheet
OA4F_FIN_GENERAL_LEDGER_ACCOUNT_ANALYSIS_DUTY	General Ledger Account Analysis Duty	Controls presentation catalog access to Financials GL Account Analysis subject area.	GL	Financials - GL Account Analysis and Configurable Account Analysis

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_FIN_AP_PAYMENTS_ANALYSIS_DUTY	Accounts Payable Payments Analysis Duty	Controls presentation catalog access to Financials Accounts Payable Payments subject area.	AP	Financials - AP Payments
OA4F_FIN_AP_LIABILITIES_ANALYSIS_DUTY	Accounts Payable Liabilities Analysis Duty	Controls presentation catalog access to Financials Accounts Payable Liabilities subject area.	AP	Financials - AP Liabilities
OA4F_FIN_AP_INVOICES_ANALYSIS_DUTY	Accounts Payable Invoices Analysis Duty	Controls presentation catalog access to Financials Accounts Payable Invoices subject area.	AP	Financials - AP Invoices
OA4F_FIN_AP_HOLDS_ANALYSIS_DUTY	Accounts Payable Holds Analysis Duty	Controls presentation catalog access to Financials Accounts Payable Holds subject area.	AP	Financials - AP Holds
OA4F_FIN_AP_EXPENSES_ANALYSIS_DUTY	Accounts Payable Expenses Analysis Duty	Controls presentation catalog access to Financials Accounts Payable Expenses subject area.	AP	Financials - AP Expenses
OA4F_FIN_AP_AGING_ANALYSIS_DUTY	Accounts Payable Aging Analysis Duty	Controls presentation catalog access to Financials Accounts Payable Aging subject area.	AP	Financials - AP Aging
OA4F_FIN_AR_TRANSACTIONS_ANALYSIS_DUTY	Accounts Receivable Transactions Analysis Duty	Controls presentation catalog access to Financials Accounts Receivable Transactions subject area.	AR	Financials - AR Transactions

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_FIN_AR_REVENUE_ANALYSIS_DUTY	Accounts Receivable Revenue Analysis Duty	Controls presentation catalog access to Financials Accounts Receivable Revenue subject area.	AR	Financials - AR Revenue
OA4F_FIN_AR_CREDITMEMO_ANALYSIS_DUTY	Accounts Receivable Credit Memo Applications Analysis Duty	Controls presentation catalog access to Financials Accounts Receivable Credit Memo Applications subject area.	AR	Financials - AR Credit Memo Applications
OA4F_FIN_AR_APPLICATIONS_ANALYSIS_DUTY	Accounts Receivable Receipts and Applications Analysis Duty	Controls presentation catalog access to Financials Accounts Receivable Receipts and Applications subject area.	AR	Financials - AR Receipts and Applications
OA4F_FIN_AR_AGING_ANALYSIS_DUTY	Accounts Receivable Aging Analysis Duty	Controls presentation catalog access to Financials Accounts Receivable Aging subject area.	AR	Financials - AR Aging
OA4F_FIN_AR_ADJUSTMENTS_ANALYSIS_DUTY	Accounts Receivable Adjustments Analysis Duty	Controls presentation catalog access to Financials Accounts Receivable Adjustments subject area.	AR	Financials - AR Adjustments
OA4F_PPM_PROJECTS_COSTS_CONTENT_DUTY	Project Costing Costs Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the PPM - Project Costs subject area.	PJC	PPM - Project Costs

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_PPM_PROJECTS_COMMITMENTS_CONTENT_DUTY	Project Costing Commitments Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the PPM - Project Commitments subject area.	PJC	PPM - Project Commitments
OA4F_PPM_PROJECTS_BUDGETS_CONTENT_DUTY	Project Control Budget Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the PPM - Project Budgets subject area.	PJO	PPM - Project Budgets
OA4F_PPM_PROJECTS_FORECASTS_CONTENT_DUTY	Project Control Forecast Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the PPM - Project Forecasts subject area.	PJO	PPM - Project Forecasts
OA4F_PPM_PROJECTS_FUNDING_CONTENT_DUTY	Project Billing Funding Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the PPM - Project Funding subject area.	PJB	PPM - Project Funding
OA4F_PPM_PROJECTS_REVENUE_CONTENT_DUTY	Project Billing Revenue Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the PPM - Project Revenue subject area.	PJB	PPM - Project Revenue

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_PPM_PROJECTS_INVOICE_CONTENT_DUTY	Project Billing Invoice Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the PPM - Project Invoices subject area.	PJB	PPM - Project Invoices
OA4F_FIN_GL_BALANCE_SHEET_ANALYSIS_CONTENT_DUTY	General Ledger Balance Sheet Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - GL Balance Sheet subject area.	GL	Financials - GL Balance Sheet
OA4F_FIN_GL_PROFITABILITY_ANALYSIS_CONTENT_DUTY	Profitability Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - GL Profitability subject area.	GL	Financials - GL Profitability
OA4F_FIN_GL_DETAIL_TRANSACTIONS_ANALYSIS_CONTENT_DUTY	General Ledger Detail Transactions Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - GL Detail Transactions subject area.	GL	Financials - GL Detail Transactions
OA4F_FIN_GL_BUDGETS_ANALYSIS_CONTENT_DUTY	General Ledger Budget Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - GL Budgets subject area.	GL	Financials - GL Budgets

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_FIN_GL_A CCOUNT_ANALY SIS_CONTENT_ DUTY	General Ledger Account Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - GL Account Analysis subject area.	GL	Financials - GL Account Analysis
OA4F_FIN_AP_I NVOICES_ANAL YSIS_CONTENT _DUTY	Accounts Payable Invoices Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - AP Invoices subject area.	AP	Financials - AP Invoices
OA4F_FIN_AP_P AYMENTS_ANAL YSIS_CONTENT _DUTY	Accounts Payable Payments Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - AP Payments subject area.	AP	Financials - AP Payments
OA4F_FIN_AP_L IABILITIES_ANA LYSIS_CONTEN T_DUTY	Accounts Payable Liabilities Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - AP Liabilities subject area.	AP	Financials - AP Liabilities
OA4F_FIN_AP_A GING_ANALYSIS _CONTENT_DU TY	Accounts Payable Aging Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - AP Aging subject area.	AP	Financials - AP Aging

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_FIN_AP_HOLDS_ANALYSIS_CONTENT_DUTY	Accounts Payable Holds Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - AP Holds subject area.	AP	Financials - AP Holds
OA4F_FIN_AP_EXPENSES_ANALYSIS_CONTENT_DUTY	Accounts Payable Expenses Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - AP Expenses subject area.	AP	Financials - AP Expenses
OA4F_FIN_AR_TRANSACTIONS_ANALYSIS_CONTENT_DUTY	Accounts Receivable Transactions Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - AR Transactions subject area.	AR	Financials - AR Transactions
OA4F_FIN_AR_AGING_ANALYSIS_CONTENT_DUTY	Accounts Receivable Aging Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - AR Aging subject area.	AR	Financials - AR Aging
OA4F_FIN_AR_CREDITMEMO_ANALYSIS_CONTENT_DUTY	Accounts Receivable Credit Memo Applications Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - AR Credit Memo Applications subject area.	AR	Financials - AR Credit Memo Applications

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_FIN_AR_A DJUSTMENTS_A NALYSIS_CONT ENT_DUTY	Accounts Receivable Adjustments Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - AR Adjustments subject area.	AR	Financials - AR Adjustments
OA4F_FIN_AR_A PPLICATIONS_A NALYSIS_CONT ENT_DUTY	Accounts Receivable Receipts and Applications Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - AR Receipts and Applications subject area.	AR	Financials - AR Receipts and Applications
OA4F_FIN_AR_ REVENUE_ANA LYSIS_CONTEN T_DUTY	Accounts Receivable Revenue Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - AR Revenue subject area.	AR	Financials - AR Revenue
OA4F_FIN_EXM _EMPLOYEE_EX PENSE_ANALYS IS_CONTENT_D UTY	Employee Expense Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - EXM Employee Expenses subject area.	EXM	Financials - EXM Employee Expenses
OA4F_FIN_FA_A SSETS_ANALYSI S_CONTENT_D UTY	Fixed Asset Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - Assets Analysis subject area.	FA	Financials - Assets Analysis

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_FIN_FA_A SSETS_TRANSA CTIONS_CONTE NT_DUTY	Fixed Asset Transactions Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Financials - Assets Transactions subject area.	FA	Financials - Assets Transactions
OA4F_PROC_PU RCHASE_ORDE R_ANALYSIS_C ONTENT_DUTY	Procurement Purchase Order Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Procurement - Purchase Orders subject area.	Procurement	Procurement - Purchase Orders
OA4F_PROC_PU RCHASE_RECEI PTS_ANALYSIS_ CONTENT_DUT Y	Procurement Purchase Receipts Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Procurement - Receipts subject area.	Procurement	Procurement - Receipts
OA4F_PROC_PU RCHASE_AGRE EMENT_ANALYS IS_CONTENT_D UTY	Procurement Purchase Agreement Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Procurement - Agreements subject area.	Procurement	Procurement - Agreements
OA4F_PROC_RE QUISITIONS_AN ALYSIS_CONTE NT_DUTY	Procurement Requisitions Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Procurement - Requisitions subject area.	Procurement	Procurement - Requisitions

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_PROC_SP END_ANALYSIS_ CONTENT_DUT Y	Procurement Spend Analysis Content Duty	Controls presentation catalog access to DV projects and business metrics built against the Procurement - Spend subject area.	Procurement	Procurement - Spend
OA4F_PPM_PR OJECTS_ASSET S_DUTY	Project Costing Assets Analysis Duty	Controls presentation catalog access to Projects Assets subject area.	PJC	PPM - Project Assets (Preview)
NEXUS_BASE_ OA4F_PROC_SP END_ANALYSIS_ CONTENT_DUT Y	Nexus Base Procurement Spend Analysis Content Duty	Nexus Base Controls presentation catalog access to DV projects built against the Procurement - Spend subject area	Procurement	Procurement - Spend
OA4F_PPM_GR ANTS_COSTING _DUTY	Grants Management Costing Analysis Duty	Object security role to control presentation catalog access to Projects Costs and Commitments subject area with Awards attributes.	PJC	PPM - Project Costs, PPM - Project Commitments
OA4F_PPM_GR ANTS_BUDGET S_DUTY	Grants Management Budget Analysis Duty	Object security role to control presentation catalog access to Projects Budgets subject area with Awards attributes.	PJO	PPM - Project Budgets
OA4F_PPM_GR ANTS_REVENU E_DUTY	Grants Management Revenue Analysis Duty	Object security role to control presentation catalog access to Projects Revenue subject area with Awards attributes.	PJB	PPM - Project Revenue

Duty Role Code	Duty Role Name	Duty Role Description	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_PPM_GRANTS_INVOICE_DUTY	Grants Management Invoice Analysis Duty	Object security role to control presentation catalog access to Projects Invoice subject area with Awards attributes.	PJB	PPM - Project Invoices
OA4F_PPM_GRANTS_AWARD_FUNDING_DUTY	Grants Management Award Funding Analysis Duty	Object security role to control presentation catalog access to Grants Award Funding subject area.	GMS	PPM – Grants Award Funding (Preview)
OA4F_OKC_ENTERPRISE_CONTRACTS_ANALYSIS_DUTY	Enterprise Contracts Analysis Duty	Controls presentation catalog access to Enterprise Contracts subject area.	Procurement	Enterprise Contracts - Contracts
OA4F_CMR_RECEIPT_ACCOUNTING_DUTY	Receipt Accounting Duty	Controls presentation catalog access to Receipt Accounting subject area.	Receipt Accounting	SCM - Receipt Accounting

Common Duty Roles

You can select the subject area for each of the Oracle 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 the physical layer.

Duty Role Code	Duty Role Name	Details	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_COMMON_DATA_ADMIN_ANALYSIS_DUTY	Data Warehouse Refresh Analysis Duty	Object security role to control presentation catalog access to Common - Warehouse Refresh Statistics subject area.	Common	Common - Warehouse Refresh Statistics

Duty Role Code	Duty Role Name	Details	Functional Area	Gets access to Subject Area Display Name OR Associated Role
OA4F_COMMON_USAGE_TRACKING_DUTY	Usage Tracking Analysis Duty	Object security role to control presentation catalog access to Common - Usage Tracking subject area.	Common	Common - Usage Tracking
OA4F_SECURITY_REPORTING_DUTY	Security Reporting Duty	Object security role to control presentation catalog access to Security Assignment and Security Audit History subject areas.	Common	Common - Security Assignment Common - Security Audit History

Subject Area Metric Details

Overview

Assets

These tables describe Assets metrics.

Financials — Assets Analysis

These metrics will be used in the Analytics Currency (AC) and Ledger Currency (LC) fact folder in 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
Asset Life - Months	Total life converted in months from asset financials summary.
Asset Life - Years	Total life converted in years from asset financials summary.
Avg Asset Original Life (Yrs)	Calculated in years based on asset life - months / current units.
Avg Asset Remaining Life (Yrs)	Calculated in years based on remaining life prorate date - years / current units.
Bonus Depreciation	Bonus depreciation from asset inquiry.
Current Cost	Current cost from assets inquiry. This is populated only after depreciation is run.

Metric	Metric Definition
Current Units	Current units available from asset assignment details.
Depreciation Expense	Depreciation expense from assets inquiry.
Depreciation Reserve	Depreciation reserve from assets inquiry.
Depreciation Reserve Ratio	Depreciation reserve ratio from assets inquiry.
Impairment Reserve	Impairment reserve from assets inquiry.
Lifespan Reached	Calculated in years as 1 - (remaining life prorated date - years / asset life - years).
Lifespan Remaining	Calculated in years as remaining life prorated date - years / asset life - years.
Net Book Value	Net book value from assets inquiry.
Original Cost	Original cost from assets inquiry.
Recoverable Cost	Recoverable cost from assets inquiry.
Remaining Life in Service Date - Months	Remaining life calculated in months from in service date available in asset financials summary.
Remaining Life in Service Date - Years	Remaining life calculated in years from in service date available in asset financials summary.
Remaining Life Prorate Date - Months	Remaining life calculated in months from prorated date available in asset financials summary.
Remaining Life Prorate Date - Years	Remaining life calculated in years from prorated date available in asset financials summary.
Revaluation Reserve	Revaluation reserve from assets inquiry.
Salvage Value	Salvage value from assets inquiry.
YTD Bonus Depreciation	YTD Bonus depreciation from asset inquiry.
YTD Depreciation	YTD depreciation from assets inquiry.
YTD Impairment	YTD Impairment from assets inquiry.
Depreciation Adjustment Amount	Depreciation Adjustment amount from assets financial inquiry depreciation details.

Financials — Assets Transactions

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

Metric	Metric Definition
Adjustment Depreciation Expense	The sum of the transaction amount where account class code = DEPRECIATION EXPENSE and transaction type code = adjustment.
Asset Distribution Amount	Assets distribution amount metric for transactions excluding depreciation related distribution details.
Depreciation Distribution Amount	Depreciation distribution amount metric specifically captures depreciation related distribution details.
Bonus Depreciation Adjustment	The sum of the transaction amount where account class code = BONUS DEPRECIATION EXPENSE and transaction type code = adjustment.
Bonus Depreciation Reserve	The sum of the transaction amount where account class code = BONUS DEPRECIATION RESERVE.

Metric	Metric Definition
CIP Cost	The sum of the transaction amount where adjustment type = CIP COST.
Cost	The sum of the transaction amount where adjustment type = COST.
Cost Clearing	The sum of the transaction amount where adjustment type = COST CLEARING.
Cost of Removal	The sum of the transaction amount where adjustment type = REMOVALCOST.
Depreciation Expense	The sum of the transaction amount where account class code = DEPRECIATION EXPENSE.
Depreciation Reserve	The sum of the transaction amount where account class code = DEPRECIATION RESERVE.
Impairment Expense	The sum of the transaction amount where adjustment type = IMPAIR EXPENSE.
Impairment Reserve	The sum of the transaction amount where adjustment type = IMPAIR RESERVE.
Net Book Value Retired	The sum of the transaction amount where adjustment type = NBV RETIRED.
Proceeds of Sale	The sum of the transaction amount where adjustment type = PROCEEDS.
Revaluation Reserve	The sum of the transaction amount where adjustment type = REVAL RESERVE.
Revaluation Reserve Retired	The sum of the transaction amount where adjustment type = REVAL RSV RET.
Units Assigned	Shows number of units assigned at the distribution level.

General Ledger

Overview

These tables describe GL metrics.

Financials—GL Account Analysis

These metrics will be used in the Ledger Currency (LC) fact folder and Document Currency (DC) fact folder in subject areas. Metrics in these folders will show amounts in their respective currencies.

Metric	Metric Definition
Credit Amount (Accounted)	Shows the subledger credit amount for transactions with subledger details and for other journals it shows the journal credit amount..
Debit Amount (Accounted)	Shows the subledger debit amount for transactions with subledger details and for other journals it shows the journal debit amount..
Journal Credit Amount (Accounted)	Shows the sum of credit journal entries amount for specified accounts.
Journal Debit Amount (Accounted)	Shows the sum of debit journal entries amount for specified accounts.

Metric	Metric Definition
Journal Net Amount (Accounted)	Shows the activity amount of the specified accounts. Where activity amount = sum of Journal debit amount (accounted) - sum of Journal credit amount (accounted).
Net Amount (Accounted)	Shows the activity amount of the specified accounts. Where activity amount = sum of debit amount (accounted) - sum of credit amount (accounted).

Financials—GL Balance Sheet

These metrics will be used in the Analytics Currency (AC) fact folder and Ledger Currency (LC) fact folder in Subject Areas. Analytics currency details will be configured during product implementation and will be taken from there. Metrics in the analytics currency folder will show amounts in the analytics currency and metrics in the ledger currency folder will show amounts in the ledger currency.

Use this [spreadsheet](#) to view a list of out-of-the-box Financial Categories used in GL Metrics and business metrics.

Metric	Metric Definition
Activity (STAT)	Shows the activity amount of the specified accounts in STAT currency. Where activity (STAT) = sum of debit (STAT) - sum of credit (STAT).
Asset Turnover Ratios. AP turnover	This metric is computed as follows : daily purchases for the period * 365 / AP amount. Where: daily purchases for the period = purchases / number for days for the selected period.
Asset Turnover Ratios. AR turnover	This metric is computed as follows : daily revenue for the period * 365 / AR amount. Where: daily revenue for the period = revenue / number for days for the selected period.
Asset Turnover Ratios. Avg Inventory Days	This metric is computed as follows : inventories / daily cost of revenue. Where: daily cost of revenue = cost of revenue / number for days from beginning day to till date of the fiscal year.
Asset Turnover Ratios. Cash Cycle	This metric is computed as follows : days sales outstanding - YTD revenue (+) avg inventory days (-) days payables outstanding - YTD purchase. Where: days sales outstanding - YTD revenue = AR amount / daily revenue. Days payables outstanding - YTD purchase = AP amount / daily purchases.
Asset Turnover Ratios. Days Payable Outstanding	This metric is computed as follows: accounts payable / daily cost of revenue. Where: daily cost of revenue = cost of revenue YTD/ cumulative number of days.
Asset Turnover Ratios. Days Sales outstanding	This metric is computed as follows : accounts receivable / daily revenue. Where: daily revenue = revenue YTD /number of cumulative elapsed days. .
Asset Turnover Ratios. Fixed Assets Turnover	This metric is computed as follows : daily revenue * 365 / net PPE. Where: daily revenue = revenue / number for days from beginning day to till date of the fiscal year. .
Asset Turnover Ratios. Inventory Turnover	This metric is computed as follows : daily cost of revenue * 365 / inventories. Where: daily cost of revenue = cost of revenue / number for days from beginning day to till date of the fiscal year.

Metric	Metric Definition
Asset Turnover Ratios. LT Assets Turnover	This metric is computed as follows : $\text{daily revenue} * 365 / \text{long term assets}$. Where: $\text{daily revenue} = \text{revenue} / \text{number for days from beginning day to till date of the fiscal year}$.
Asset Turnover Ratios. Operating Cycle	This metric is computed as follows : $\text{days sales outstanding} + \text{avg inventory days}$.
Asset Turnover Ratios. Total Assets Turnover	This metric is computed as follows : $\text{daily revenue} * 365 / \text{total assets}$.
Asset Turnover Ratios. Working Capital Turnover	This metric is computed as follows : $\text{daily revenue} * 365 / (\text{current assets} - \text{current liabilities})$.
Balance Sheet Ratios. CAPEX	Activities for a period range for financial category for property, plant, and equipment (PPE).
Balance Sheet Ratios. Capex Ratio	This metric is computed as follows : $\text{operating cash Flow} / \text{CAPEX}$. Where: $\text{operating cash Flow} = \text{net income} + \text{depreciation expenses} - \text{inventories} - \text{accounts receivable} + \text{accounts payable} + \text{accrued liabilities} + \text{other current liabilities} - \text{prepaid expenses} - \text{other current assets}$.
Balance Sheet Ratios. Current Ratio	This metric is computed as follows : $\text{current assets} / \text{current liabilities}$.
Balance Sheet Ratios. Days Cash in Hand	This metric is computed as follows : $\text{cash} / (\text{daily total operating expenses} - \text{daily depreciation expenses})$. Where: $\text{daily total operating expenses} = \text{total operating expenses} / \text{number for days from beginning day to till date of the fiscal year}$. $\text{daily depreciation expenses} = \text{depreciation expenses} / \text{number for days from beginning day to till date of the fiscal year}$.
Balance Sheet Ratios. Debt To Equity	This metric is computed as follows : $\text{total liabilities} / \text{total shareholders funds}$ Where: $\text{total liabilities} = \text{current liabilities} + \text{long term liabilities}$.
Balance Sheet Ratios. EBIT YTD	This metric is computed as follows: $\text{revenue YTD} - \text{cost of revenue YTD} - \text{sales \& marketing expenses YTD} - \text{other operating expenses YTD} - \text{R\&D expenses YTD} - \text{depreciation expenses YTD}$.
Balance Sheet Ratios. Interest Expense YTD	Activities for year-to-date for the INT EXP financial category.
Balance Sheet Ratios. NWC to Assets	This metric is computed as follows : $(\text{current assets} - \text{current liabilities}) / \text{total assets}$.
Balance Sheet Ratios. Quick Ratio	This metric is computed as follows : $(\text{cash} + \text{AR amount} + \text{prepaid expenses} + \text{deferred cost of goods sold} + \text{other current assets}) / \text{current liabilities}$.
Balance Sheet Ratios. Times interest Earned	This metric is computed as follows : $\text{EBIT YTD} / \text{interest expense}$.
Balance Sheet Statement. Accounts Payable	Shows the accounts payable balance for a particular time period for the AP financial category.
Balance Sheet Statement. Accounts Receivable	Shows the accounts receivable balance for a particular time period for the AR financial category.
Balance Sheet Statement. Accrued Liabilities	Shows the accrued liabilities for a particular time period for the ACC LIAB financial category.
Balance Sheet Statement. Accumulated Depreciation	Shows the accumulated depreciation for a particular time period for the ACC DEPCN financial category.
Balance Sheet Statement. Cash	Shows the cash balance for a particular time period for the CASH financial category.

Metric	Metric Definition
Balance Sheet Statement. Common Stock	Shows the common stock for a particular time period for the CMMN STOCK financial category.
Balance Sheet Statement. Current Assets	This metric is computed as follows : cash + inventories + prepaid expenses + other current assets + accounts receivable + deferred cost of goods sold.
Balance Sheet Statement. Current Liabilities	This metric is computed as follows : accrued liabilities + short term borrowing + other current liabilities + accounts payable + deferred revenue +tax liabilities.
Balance Sheet Statement. Deferred Cost of Goods Sold	Shows the deferred cost of goods sold balance for a particular time period for the DEFERRED COGS financial category.
Balance Sheet Statement. Deferred Revenue	Shows the deferred revenue for a particular time period for the DEFERRED REVENUE financial category.
Balance Sheet Statement. Finished Goods inventory	Shows the finished goods inventory balance for a particular time period for the FG INV financial category.
Balance Sheet Statement. Goodwill	Shows the goodwill for a particular time period for the GOODWILL financial category.
Balance Sheet Statement. Inventories	The metric is computed as follows: raw material inventory + work in process inventory + finished goods inventory.
Balance Sheet Statement. Long Term Assets	This metric is computed as follows : net PPE + goodwill + other asset.
Balance Sheet Statement. Long term Debt	Shows the long term debt for a particular time period for the LT DEBT financial category.
Balance Sheet Statement. Long Term Liabilities	This metric is computed as follows : long term debt + other liabilities.
Balance Sheet Statement. Net PPE	This metric is computed as follows : PPE - accumulated depreciation.
Balance Sheet Statement. Net Working Capital	This metric is computed as follows : current assets - current liabilities.
Balance Sheet Statement. Other Assets	Shows the other assets for a particular time period for the OTHER ASSET financial category.
Balance Sheet Statement. Other Current Assets	Shows the other current assets balance for a particular time period for the OTHER CA financial category.
Balance Sheet Statement. Other Current Liabilities	Shows the other current liabilities during a particular time period for the OTHER CL financial category.
Balance Sheet Statement. Other Equity	Shows the other equity balance for a particular time period for the OTHER EQUITY financial category.
Balance Sheet Statement. Other Liabilities	Shows the other liabilities for a particular time period for the OTHER LIAB financial category.
Balance Sheet Statement. PPE	Shows the property, plant, and equipment (PPE) for a particular time period for the PPE financial category.
Balance Sheet Statement. Preferred Stock	Shows the preferred stock for a particular time period for the PREF STOCK financial category.
Balance Sheet Statement. Prepaid Expenses	Shows the prepaid expenses balance for a particular time period for the PPAID EXP financial category.
Balance Sheet Statement. Raw Material Inventory	Shows the raw material inventory balance for a particular time period for the RM INV financial category.
Balance Sheet Statement. Retained Earnings	Shows the retained earnings balance for a particular time period for the RET EARNING financial category.

Metric	Metric Definition
Balance Sheet Statement. Short Term Borrowing	Shows the short term borrowing for a particular time period for the ST BORR financial category.
Balance Sheet Statement. Tax Liabilities	Shows the tax liabilities for a particular time period for the TAX LIAB financial category.
Balance Sheet Statement. Total Assets	This metric is computed as follows : long term assets + current assets.
Balance Sheet Statement. Total Liabilities	This metric is computed as follows : current liabilities + long term liabilities.
Balance Sheet Statement. Total Liabilities Shareholders Funds	This metric is computed as follows : total liabilities + total shareholders funds.
Balance Sheet Statement. Total Shareholders Funds	This metric is computed as follows: preferred stock + common stock + retained earnings + other equity.
Balance Sheet Statement. Work in Process inventory	Shows the work in process inventory balance for a particular time period for the WIP INV financial category.
Closing (STAT)	Shows the closing balance of the specified accounts in STAT currency.
Credit (STAT)	Shows the sum of credit entries amount for specified accounts in STAT currency.
Debit (STAT)	Shows the sum of debit entries amount for the specified accounts in STAT currency.
GL Balance. Absolute Activity Amount	Shows the absolute activity amount of the specified accounts. activity amount = sum of debit amount - sum of credit amount.
GL Balance. Absolute Balance Amount	Shows the absolute balance amount of the specified accounts.
GL Balance. Activity Amount	Shows the activity amount of the specified accounts. Where activity amount = sum of debit amount - sum of credit amount.
GL Balance. Balance Amount	Shows the balance of the specified accounts.
GL Balance. Closing Amount	Shows the closing balance of the specified accounts. The closing amount will show zero if the balance amount is null, this is the only difference between the balance amount and closing amount.
GL Balance. Credit Amount	Shows the sum of credit entries amount for specified accounts.
GL Balance. Debit Amount	Shows the sum of debit entries amount for the specified accounts.
GL Balance. Opening Amount	Shows the opening balance of the specified accounts. This metric is computed as follows : balance amount - activity amount.
Opening (STAT)	Shows the opening balance of the specified accounts in STAT currency.

Financials—GL Budgets

These metrics will be used in the Analytics Currency (AC) fact folder and Ledger Currency (LC) fact folder in Subject Areas. Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Creation Date to

convert to Analytics currency. Metrics in these folders will show amounts in their respective currencies.

Metric	Metric Definition
Budget Absolute Activity Amount	Shows the absolute activity amount of the specified accounts. activity amount=sum of debit amount-sum of credit amount.
Budget Activity (STAT)	Shows the activity amount of the specified accounts in STAT currency. Where budget activity (STAT) = sum of debit (STAT) - sum of credit (STAT).
Budget Activity Amount	Shows the activity amount of the specified accounts. activity amount = sum of debit amount - sum of credit amount.
Budget Credit (STAT)	Shows the sum of credit entries amount for specified accounts in STAT currency.
Budget Credit Amount	Shows sum of credit entries amount for specified accounts.
Budget Debit (STAT)	Shows the sum of debit entries amount for the specified accounts in STAT currency.
Budget Debit Amount	Shows the sum of debit entries amount for the specified accounts.

Financials—GL Detail Transactions

These metrics will be used in the Analytics Currency (AC) fact folder, Ledger Currency (LC) fact folder and Document Currency (DC) fact folder in Subject Areas. Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Currency Conversion Date and if not available Accounting date will be used to convert to Analytics currency. Metrics in these folders will show amounts in their respective currencies. Currently only only posted journal details are supported.

Metric	Metric Definition
Credit (STAT)	Shows the sum of credit entries amount for specified accounts in STAT currency.
Debit (STAT)	Shows the sum of debit entries amount for the specified accounts in STAT currency.
GL Detail Transactions. Credit Amount	Shows the sum of credit entries amount for specified accounts.
GL Detail Transactions. Debit Amount	Shows the sum of debit entries amount for specified accounts.
GL Detail Transactions. Net Amount	Shows the net amount of the specified accounts. Where net amount = sum of debit amount - sum of credit amount.
Total (STAT)	Shows the activity amount of the specified accounts in STAT currency. Where total (STAT) = sum of debit (STAT) - sum of credit (STAT).

Financials—GL Profitability

These metrics will be used in the Analytics Currency (AC) fact folder and Ledger Currency (LC) fact folder in Subject Areas. Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be

Period End Date to convert to Analytics currency. Metrics in these folders will show amounts in their respective currencies.

Use this [spreadsheet](#) to view a list of out-of-the-box Financial Categories used in GL Metrics and business metrics.

Metric	Metric Definition
Activity (STAT)	Shows the activity amount of the specified accounts in STAT currency. Where activity (STAT) = sum of debit (STAT) - sum of credit (STAT).
Closing (STAT)	Shows the closing balance of the specified accounts in STAT currency.
Cost Details. Cost Ratios. Cost of revenue to Revenue %	This metric is computed as follows : (cost of revenue / revenue) * 100.
Cost Details. Cost Ratios. Interest Expenses to Revenue %	This metric is computed as follows : (interest expense / revenue) * 100.
Cost Details. Cost Ratios. Other Operating Expenses to Revenue %	This metric is computed as follows : (other operating expenses / revenue) * 100.
Cost Details. Cost Ratios. R&D Expenses to Revenue %	This metric is computed as follows : (R&D expenses / revenue) * 100.
Cost Details. Cost Ratios. Sales & Marketing Expenses to Revenue %	This metric is computed as follows : (sales & marketing expense / revenue) * 100.
Cost Details. Cost Ratios. Total Operating Expenses to Revenue %	This metric is computed as follows : (total operating expenses / revenue) * 100.
Cost Details. Other Operating Expenses. Contracting Expenses	Activities for a period range for the CONT EXP financial category.
Cost Details. Other Operating Expenses. Depreciation Expenses	Activities for a period range for the DEPCN financial category.
Cost Details. Other Operating Expenses. Employee Benefits Related Expenses	Employee Benefits Related expenses metric is the activities for a period range for the financial category EMP BENFT.
Cost Details. Other Operating Expenses. Employee Overtime Expenses	Activities for a period range for the EMP OVERTIME financial category.
Cost Details. Other Operating Expenses. Employee Support Expenses	Activities for a period range for the EMP SUPP financial category.
Cost Details. Other Operating Expenses. General Admin and Other Payroll	Activities for a period range for the GEN PAYROLL financial category.
Cost Details. Other Operating Expenses. Miscellaneous Operating Expenses	Activities for a period range for the MISC OPER EXP financial category.
Cost Details. Other Operating Expenses. Product Variance Expenses	Activities for a period range for the VARIANCE EXP financial category.
Cost Details. R&D Expenses. Other R&D Expenses	Activities for a period range for the OTHER R&D EXP financial category.
Cost Details. R&D Expenses. R&D Expenses	Activities for a period range for sum of financial categories with these values OTHER R&D EXP, and R&D PAYROLL.
Cost Details. R&D Expenses. R&D Payroll Expenses	Activities for a period range for the R&D PAYROLL financial category.
Cost Details. Sales and Marketing Expenses. Freight Expenses	Activities for a period range for the FREIGHT financial category.
Cost Details. Sales and Marketing Expenses. Marketing Payroll Expenses	Activities for a period range for the MKTG PAYROLL financial category.
Cost Details. Sales and Marketing Expenses. Other Marketing Expenses	Activities for a period range for the OTHER MKTG EXP financial category.

Metric	Metric Definition
Cost Details. Sales and Marketing Expenses. Other Sales Expenses	Activities for a period range for the OTHER SLS EXP financial category.
Cost Details. Sales and Marketing Expenses. Sales & Marketing Expenses	Activities for a period range for sum of financial categories with these values: MKTG PAYROLL, SLS PAYROLL, OTHER MKTG EXP, FREIGHT, OTHER SLS EXP, and TRAVEL & ENT EXP.
Cost Details. Sales and Marketing Expenses. Sales Payroll Expenses	Activities for a period range for the SLS PAYROLL financial category.
Cost Details. Sales and Marketing Expenses. Travel & Entertainment Expenses	Activities for a period range for the TRAVEL & ENT EXP financial category.
Credit (STAT)	Shows the sum of credit entries amount for specified accounts in STAT currency.
Debit (STAT)	Shows the sum of debit entries amount for the specified accounts in STAT currency.
GL Balance. Absolute Activity Amount	Shows the absolute activities amount of the specified accounts. Where activity amount = sum of debit amount - sum of credit amount.
GL Balance. Absolute Balance Amount	Shows the absolute balance amount of the specified accounts.
GL Balance. Activity Amount	Shows the activity amount of the specified accounts. Where activity amount = sum of debit amount - sum of credit amount.
GL Balance. Balance Amount	Shows the balance of the specified accounts.
GL Balance. Closing Amount	Shows the closing balance of the specified accounts. The closing amount will show zero if the balance amount is null, this is the only difference between the balance amount and closing amount.
GL Balance. Credit Amount	Shows the sum of credit entries amount for specified accounts.
GL Balance. Debit Amount	Shows the sum of debit entries amount for specified accounts.
GL Balance. Opening Amount	Shows the opening balance of the specified accounts. This metric is computed as follows : balance amount - activity amount.
Opening (STAT)	Shows the opening balance of the specified accounts in STAT currency.
Profit and Loss. Cost of Revenue	Activities for a period range for the COGS, PURCH, and RM CONS financial category.
Profit and Loss. Depreciation Expenses	Activities for a period range for the DEPCN financial category.
Profit and Loss. EBIT	This metric is computed as follows : revenue - cost of revenue - sales & marketing expenses - other operating expenses - R&D expenses - depreciation expenses.
Profit and Loss. EBIT Margin %	This metric is computed as follows : (EBIT / revenue) * 100.
Profit and Loss. EBITDA	This metric is computed as follows : revenue - cost of revenue - sales & marketing expenses - other operating expenses - R&D expenses.
Profit and Loss. EBITDA Margin %	This metric is computed as follows : (EBITDA / revenue) * 100.

Metric	Metric Definition
Profit and Loss. EBT	This metric is computed as follows : revenue - cost of revenue - sales & marketing expenses - other operating expenses - R&D expenses - interest expense - depreciation expenses.
Profit and Loss. EBT Margin %	This metric is computed as follows : (EBT / revenue) * 100.
Profit and Loss. Gross Margin %	This metric is computed as follows : (Gross profit / revenue) * 100.
Profit and Loss. Gross Profit	This metric is computed as follows : revenue - cost of revenue.
Profit and Loss. Income Tax Expense	Income tax expense metric is the activities for a period range for the INC TAX financial category.
Profit and Loss. Interest Expense	Activities for a period range for the INT EXP financial category.
Profit and Loss. Net Income	This metric is computed as follows : revenue + other income - cost of revenue - sales & marketing expenses - other operating expenses - R&D expenses - interest expense - income tax expense - depreciation expenses.
Profit and Loss. Net Income Margin %	This metric is computed as follows : (net income / revenue) * 100.
Profit and Loss. Operating Margin %	This metric is computed as follows : (operating profit / revenue) * 100.
Profit and Loss. Operating Profit	This metric is computed as follows : revenue - cost of revenue - total operating expenses.
Profit and Loss. Other Income	Activities for a period range for the OTHER INC financial category.
Profit and Loss. Other Operating Expenses	Activities for a period range for sum of financial categories with these values: EMP BENFT, GEN PAYROLL, EMP SUPP, CONT EXP, EMP OVERTIME, VARIANCE EXP, MISC OPER EXP and OTHER OPER EXP.
Profit and Loss. Payroll Cost	Activities for a period range for sum of financial categories with these values: MKTG PAYROLL, SLS PAYROLL, R&D PAYROLL, and GEN PAYROLL.
Profit and Loss. R&D Expenses	Activities for a period range for sum of financial categories with these values: OTHER R&D EXP and R&D PAYROLL.
Profit and Loss. Revenue	Activities for a period range for the REVENUE financial category.
Profit and Loss. Sales & Marketing Expenses	Activities for a period range for sum of financial categories with these values: MKTG PAYROLL, SLS PAYROLL, OTHER MKTG EXP, FREIGHT, OTHER SLS EXP, and TRAVEL & ENT EXP.
Profit and Loss. Total Operating Expenses	This metric is computed as follows : R&D expenses + sales & marketing expenses + other operating expenses.
Profit and Loss YTD. Cost of Revenue YTD	YTD activities for a period range for the COGS, PURCH, and RM CONS financial category..
Profit and Loss YTD. Depreciation Expenses YTD	Depreciation expenses metric is the YTD activities for a period range for the DEPCN financial category.
Profit and Loss YTD. EBIT Margin YTD %	This metric is computed as follows : (EBIT YTD / revenue YTD) * 100.

Metric	Metric Definition
Profit and Loss YTD. EBIT YTD	This metric is computed as follows: revenue YTD - cost of revenue YTD - sales & marketing expenses YTD - other operating expenses YTD - R&D expenses YTD - depreciation expenses YTD.
Profit and Loss YTD. EBITDA Margin YTD %	This metric is computed as follows : (EBITDA YTD / revenue YTD) * 100.
Profit and Loss YTD. EBITDA YTD	This metric is computed as follows : revenue YTD - cost of revenue YTD - sales & marketing expenses YTD - other operating expenses YTD - R&D expenses YTD.
Profit and Loss YTD. EBT Margin YTD %	This metric is computed as follows : (EBT YTD / revenue YTD) * 100.
Profit and Loss YTD. EBT YTD	This metric is computed as follows : revenue YTD - cost of revenue YTD - sales & marketing expenses YTD - other operating expenses YTD - R&D expenses YTD - interest expense YTD - depreciation expenses YTD.
Profit and Loss YTD. Gross Margin YTD %	This metric is computed as follows : (Gross profit YTD / revenue YTD) * 100.
Profit and Loss YTD. Gross Profit YTD	This metric is computed as follows : revenue YTD - cost of revenue YTD.
Profit and Loss YTD. Income Tax Expense YTD	Income tax expense metric is the YTD activities for a period range for the INC TAX financial category.
Profit and Loss YTD. Interest Expense YTD	Interest expense metric is the YTD activities for a period range for the INT EXP financial category.
Profit and Loss YTD. Net Income Margin YTD %	This metric is computed as follows : (net income YTD / revenue YTD) * 100.
Profit and Loss YTD. Net Income YTD	This metric is computed as follows : revenue YTD + other income YTD - cost of revenue YTD - sales & marketing expenses YTD - other operating expenses YTD - R&D expenses YTD - interest expense YTD - income tax expense YTD.
Profit and Loss YTD. Operating Margin YTD %	This metric is computed as follows : (operating profit YTD / revenue YTD) * 100.
Profit and Loss YTD. Operating Profit YTD	This metric is computed as follows : revenue YTD - cost of revenue YTD - total operating expenses YTD.
Profit and Loss YTD. Other Income YTD	Other income metric is the YTD activities for a period range for the OTHER INC financial category.
Profit and Loss YTD. Other Operating Expenses YTD	Other operating expenses metric is the YTD activities for a period range for sum of financial categories with these values: EMP BENFT, GEN PAYROLL, EMP SUPP, CONT EXP, EMP OVERTIME, VARIANCE EXP, MISC OPER EXP and OTHER OPER EXP.
Profit and Loss YTD. R&D Expenses YTD	This metric is computed as follows : R&D payroll expenses YTD + other R&D expenses YTD.
Profit and Loss YTD. Revenue YTD	YTD activities for a period range for the REVENUE financial category.
Profit and Loss YTD. Sales & Marketing Expenses YTD	This metric is computed as follows : marketing payroll expense YTD + other marketing expenses YTD + sales payroll expenses YTD + Freight expenses YTD + other sales expenses YTD + travel & Entertainment expenses YTD.
Profit and Loss YTD. Total Operating Expenses YTD	This metric is computed as follows : sales & marketing expense YTD + R&D expense YTD + other operating expense YTD.

Metric	Metric Definition
Return on Investment. Current Assets	This metric is computed as follows : cash + inventories + prepaid expenses + other current assets + accounts receivable + deferred cost of goods sold.
Return on Investment. Current Liabilities	This metric is computed as follows : accrued liabilities + short term borrowing + other current liabilities + accounts payable + deferred revenue + tax liabilities.
Return on Investment. Retained Earnings	Shows the retained earnings balance for a particular time period for the RET EARNING financial category.
Return on Investment. ROA	This metric is computed as follows : (daily net income * 365 / total assets) * 100.
Return on Investment. ROA (Pre-Interest)	This metric is computed as follows : (((daily net income + daily interest expense) * 365) / total assets) * 100.
Return on Investment. ROCE (EBIT Basis)	This metric is computed as follows : (daily net income + daily interest expense + daily income tax expense) * 365 / (common stock + long term debt + retained earnings + preferred stock + other equity + other liabilities) * 100.
Return on Investment. ROCE (Pre-Interest)	This metric is computed as follows : (daily net income + daily interest expense) * 365 / (common stock + long term debt + retained earnings + preferred stock + other equity + other liabilities) * 100.
Return on Investment. ROE	This metric is computed as follows : daily net income * 365 / (common stock + retained earnings + other equity) * 100.
Return on Investment. ROE (Pre-Interest)	This metric is computed as follows : (((daily net income + interest expense) * 365) / (common stock + retained earning + other equity)) * 100. Where: common stock = ending balance for the CMMN STOCK financial category, retained earning = ending balance for the RET EARNING financial category, other equity = ending balance for the OTHER EQUITY financial category.
Return on Investment. Total Assets	This metric is computed as follows : long term assets + current assets.
Return on Investment. Total Liabilities	This metric is computed as follows : current liabilities + long term liabilities.
Return on Investment. Total Shareholders Funds	This metric is computed as follows : preferred stock + common stock + retained earnings + other equity.

Expenses

Overview

These tables describe Expenses metrics.

Financials — EXM Employee Expenses

These metrics will be used in the Analytics Currency (AC) fact folder, Ledger Currency (LC) fact folder, Document Currency (DC) fact folder and Reimbursement Currency fact folder in Subject Area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Transaction Date to convert to analytics

currency. Metrics in these folders show amounts in their respective currencies. Currently only Expense Reports that are invoiced, paid, or partially paid are supported.

Metric	Metric Definition
Audit Adjustment Amount	This metric is supported only in reimbursement currency and is calculated as follows: original reimbursement amount - expense amount.
Auto Audit Percentage	This metric shows the percentage of expense reports with audit type equal to automatic approval.
Average Days Late	This metric is calculated as follows: days late/ expense reports count where days late is the number of days between expense report Submission date and transaction date.
Average Expense Amount	This metric is calculated as follows: total expense amount/expense reports count.
Cash Expense Amount	This metric shows the expense amount for lines with expense source as cash.
Cash Expense Reimbursement Cycle Time (Days)	This metric is calculated as follows: total cash expense days/ expense distribution count where total cash expense days is the number of days between cash expense report paid date and Submission date.
Credit Card Expense Amount	This metric shows the expense amount for lines with expense source as credit card.
Expense Approval Cycle Time (Days)	This metric is calculated as follows: total approval days/ expense distribution count where total approval days is the number of days between expense report final approval date and Submission date.
Expense Distribution Count	This metric shows count of distinct expense report distributions.
Expense Filing Cycle Time (Days)	This metric is calculated as follows: total Filing days/ expense distribution count where total Filing days is the number of days between expense report Submission date and creation date.
Expense Lines Count	This metric shows count of distinct expense report lines.
Expense Reports Count	This metric shows count of distinct expense reports.
Manual Audit Percentage	This metric shows the percentage of expense reports with audit type not equal to automatic approval.
Total Expense Amount	This metric shows the expense amount.
Anomaly Risk	This metric shows sum of anomaly risk for expense report distributions.
Average Anomaly Risk	This metric shows sum of anomaly risk across selected records in the analysis.
Anomaly Rank	Anomaly Rank is assigned based on anomaly risk in descending order for anomalous records. Non Anomalous and Unprocessed records are assigned next available anomaly rank.

Payables

Overview

These tables describe Payables metrics.

Financials—AP Aging

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

Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Invoice date to convert to Analytics currency. Metrics in these folders will show amounts in their respective currencies.

Metric	Metric Definition
Aging Amount - Invoice Date Basis	Shows the aging amount for the open invoices based on invoice open date grouped by selected aging period.
Aging Amount - Schedule Date Basis	Shows the aging amount for the open invoices based on schedule date grouped by selected aging period.
Aging Count - Invoice Date Basis	Shows the aging count for the open invoices based on invoice open date grouped by selected aging period. The grain for this is invoice payment schedule.
Aging Count - Schedule Date Basis	Shows the aging count for the open invoices based on schedule date grouped by selected aging period. The grain for this is invoice payment schedule.
Amount Due Next 30 Days	This metric is computed as follows: overdue amount + upcoming dues for 30 days for open invoices.
AP Balances. Activity Amount	Shows the activities amount of the specified accounts that can be aggregated by business unit, supplier, supplier site, and time.
AP Balances. Closing Amount	Shows the closing balance (end of period balance) of the specified accounts that can be aggregated by business unit, supplier, supplier site, and time. This metric is available only at a monthly granularity.
AP Balances. Opening Amount	Shows the opening balance (beginning of period balance) of the specified accounts that can be aggregated by business unit, supplier, supplier site, and time. This metric is available only at a monthly granularity.
AP Turnover. AP Turnover	This metric is computed as follows : $((\text{invoice amount} - \text{credit memo amount} - \text{debit memo amount}) * 365) / (\text{closing amount} * \text{number of days in a selected period})$. This metric will provide correct value only when used with common or pillar specific dimensions.
AP Turnover. Days Payables Outstanding	This metric is computed as follows : $(\text{closing amount} * \text{number of days in a selected period}) / (\text{invoice amount} - \text{credit memo amount} - \text{debit memo amount})$. This metric will provide correct value only when used with common or pillar specific dimensions.
Avg Invoice Days Current	This metric is computed as follows: total number of days before due date / current invoices count. This is based on schedule date.
Avg Invoice Days Outstanding	This metric is computed as follows: total number of days invoice outstanding / total outstanding invoices count. This is based on invoice date.
Avg Invoice Days overdue	This metric is computed as follows: total number of days invoice overdue / overdue invoices count. This is based on schedule date.

Metric	Metric Definition
Current Amount	Shows the invoices amount which are yet to cross the schedule due date.
Current Amount to Total Outstanding %	This metric is computed as follows: (current amount / total outstanding amount) * 100.
Current Count to Total Outstanding %	This metric is computed as follows: (current invoices count / total outstanding invoices count) * 100.
Current Invoices Count	Shows the invoices count which are yet to cross the schedule due date. The grain for this is invoice payment schedule.
Open Invoices Amount	Shows the total invoice amount for the invoices that are fully open and partially open.
overdue Amount	Shows the invoices amount which has crossed the schedule due date. The grain for this is invoice payment schedule.
overdue Amount to Total Outstanding %	This metric is computed as follows: (overdue amount / total outstanding amount) * 100.
overdue Count to Total Outstanding %	This metric is computed as follows: (overdue invoices count / total outstanding invoices count) * 100.
overdue Invoices Count	Shows the invoices count which has crossed the schedule due date. The grain for this is invoice payment schedule.
Total Outstanding Amount	Shows the outstanding invoice amount which includes current and overdue invoices.
Total Outstanding Invoices Count	Shows the count of outstanding invoices computed as follows: (current invoices count + overdue invoices count).
Future Activity Amount	Shows the total activity amount that is accounted in future periods. This amount is available for analysis only in the current snapshot.

Financials—AP Expenses

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

Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Expense Distribution Accounting date to convert to Analytics currency. Metrics in these folders will show amounts in their respective currencies. Currently only accounted invoices are supported.

Metric	Metric Definition
Applied Prepayment Amount	Shows the Prepayment Amount applied to invoices. This metric should be used with the Prepayment Invoice Number and Prepayment Line Number attributes to show the Prepayment or Prepayment line level amounts.
Available Prepayment Amount	Shows the available Prepayment Amount, calculated as Prepayment Amount - Applied Prepayment Amount. This metric should be used with the Prepayment Invoice Number and Prepayment Line Number attributes to show the Prepayment or Prepayment line level amounts.
Canceled Amount	Shows the canceled amount based on the canceled flag set at the distribution level.

Metric	Metric Definition
Deferred Expense Amount	Shows the Deferred expense amount of distribution lines with Account Class as 'Deferred Item Expense'.
Exclusive Tax Amount	Shows the Tax amount of lines that are explicitly defined as Tax lines.
Expense Distribution Amount	Shows the invoice expense distribution amount for AP invoices and considers all invoice types. Excludes cancelled distributions.
Expense Distribution Count	Shows the invoice expense distribution count for AP invoices and considers all invoice types. Excludes cancelled distributions.
Freight Amount	Shows the Freight amount of the AP Invoice using the line type code 'FREIGHT' excluding the tax amount.
Inclusive Tax Amount	Shows the Tax amount that is included in the line amount.
Item Amount	Shows the Item amount of the AP Invoice calculated using the line type code 'ITEM' excluding the tax amount.
Miscellaneous Amount	Shows the Miscellaneous amount of the AP Invoice using the line type code 'MISCELLANEOUS' excluding the tax amount.
Prepayment Amount	Shows the Prepayment Amount for invoices of type Prepayment. This metric should be used with the Prepayment Invoice Number and Prepayment Line Number attributes to show the Prepayment or Prepayment line level amounts.
Retainage Amount	Shows the amount retained on the invoice.
Self-Assessed Tax Amount	Shows the Tax amount of lines that have Self-assessed tax indicator enabled.
Withholding Tax Amount	Shows the Withholding Tax amount calculated using the 'AWT' line type code.
Expense Invoice Amount	Shows the Invoice amount calculated from the distribution lines.
Line Amount	Shows the Line amount of the invoices calculated from the distribution lines.

Financials—AP Holds

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

Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Invoice date to convert to Analytics currency. Metrics in these folders will show amounts in their respective currencies.

Metric	Metric Definition
Average Days on Hold	This metric is computed as follows: (sum (release date - hold date) / total number of holds applied on invoice headers and lines considering active and release holds). The active holds are without release details and use the system date if the release date is not available.

Metric	Metric Definition
Header Holds Count	Shows the header hold count which has header level hold and considers all invoice types. This metric considers only active holds which are without release details.
Invoice Header on Hold Release Amount	Shows the invoice amount and considers all invoice types that have header level hold. This metric considers active holds that are released.
Invoice Headers on Hold Amount	Shows the invoice amount and considers all invoice types that have header level hold. This metric considers only active holds that are without release details.
Invoice Headers on Hold Count	Shows the invoice header count which has header level hold and considers all invoice types. This metric considers only active holds which are without release details.
Invoice Lines on Hold Amount	Shows the invoice line amount which has line level hold and considers all invoice types. This metric considers only active holds which are without release details.
Invoice Lines on Hold Count	Shows the invoice line count which has line level hold and considers all invoice types. This metric considers only active holds which are without release details.
Invoice Lines on Hold Release Amount	Shows the invoice line amount which had line level hold and considers all invoice types. This metric considers active holds that are released.
Invoices on Hold Amount	Shows the invoice amount and considers all invoice types that have either header level hold, line level hold, or a combination. This metric considers only active holds that are without release details.
Invoices on Hold Count	Shows the invoice count and considers all invoice types that have either header level hold, line level hold, or a combination. This metric considers only active holds that are without release details.
Invoices on Hold Release Amount	Shows the invoice amount and considers all invoice types that have either header level hold, line level hold, or a combination. This metric considers only active holds that are released.
Line Holds Count	Shows the line hold count which has line level hold and considers all invoice types. This metric considers only active holds which are without release details.
Total Holds Count	Shows the total number of holds applied on invoice headers and lines. This metric considers only active holds which are without release details.

Financials—AP Invoices

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

Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Invoice date to convert to Analytics currency. Metrics in these folders will show amounts in their respective currencies.

Metric	Metric Definition
Avg Credit Memos Amount	This metric is computed as follows: credit memos amount / credit memos count.
Avg Debit Memos Amount	This metric is computed as follows: debit memos amount / debit memos count.
Avg Invoices Amount	This metric is computed as follows: invoices amount / invoices count.
Credit Memos Amount	Shows the invoice amount for the credit memo invoice type.
Credit Memos Count	Shows the invoices count for credit memo invoice type.
Credit Memos to Invoices Amount %	This metric is computed as follows: (credit memos amount / invoices amount) * 100.
Debit Memos Amount	Shows the invoice amount for the debit memo invoice type.
Debit Memos Count	Shows the invoices count for debit memo invoice type.
Discount Offered %	This metric is computed as follows: (discount offered amount / total transaction amount) * 100.
Discount Offered Amount	Shows the discount offered amount for all transactions.
Invoices Amount	Shows the invoice amount excluding the credit memo and debit memo invoice type.
Invoices Count	Shows the invoices count excluding the credit memo and debit memo invoice type.
Total Transaction Amount	Shows the sum of invoice amount, debit memos amount and credit memos amount.
Total Transaction Count	Shows the sum of invoice count, debit memos count and credit memos count.
Invoice Creation to Issue Time	Shows the time elapsed between Invoice Date and Invoice Creation Date.

Financials—AP Liabilities

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

Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Invoice Accounting date to convert to Analytics currency. Metrics in these folders will show amounts in their respective currencies. Currently only accounted invoices are supported.

Metric	Metric Definition
Liability Balance Amount	This metric shows balance of AP liability account as of the selected time.
Liability Distribution Amount	Shows the liability distribution amount.

Financials—AP Payments

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

Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Payment Accounting date to convert to Analytics currency.

Metrics in these folders will show amounts in their respective currencies. Currently only accounted payments are supported.

Metric	Metric Definition
% Electronic Payment Amount	This metric is computed as follows: (electronic payment amount / payments amount) * 100.
% Interest Penalties Paid	This metric is computed as follows: (interest penalties paid / payment amount) * 100.
Avg Payments Amount	This metric is computed as follows: (payments amount / payments count) * 100. And grain is payments or check number.
Avg Supplier Payment Days	This metric is computed as follows: Sum of installment level Payment Days / Number of Installments that are paid.
Discount Lost %	This metric is computed as follows: (discount lost amount / total transaction amount) * 100. This metric is supported only in document currency, and will provide correct value only when used with common or pillar specific dimensions.
Discount Lost Amount	Shows the discount amount lost for the invoice payments. This metric is supported only in document currency.
Discount Remaining Amount	This metric is computed as follows: discount offered amount - discount taken amount - discount lost amount. This metric is supported only in document currency, and will provide correct value only when used with common or pillar specific dimensions.
Discount Taken %	This metric is computed as follows: (discount taken amount / total transaction amount) * 100. This metric will provide correct value only when used with common or pillar specific dimensions.
Discount Taken Amount	Shows the discount amount taken for the invoice payments.
Discount Taken Exchange Loss(Gain) Amount	Shows the discount taken exchange loss or gain amount for the invoices and grain is payments or check number.
Electronic Payment Amount	Shows the paid invoice amount using electronic payment method.
Interest Penalties Paid	Shows the payment amount for invoices with the interest invoice type.
On Time Payment Performance %	This metric is computed as follows: (on time payments count / total payments count) * 100.
On Time Payments Amount	Shows the amount of payment transactions where the payment date is lesser than or equal to the scheduled payment date and payment schedule is fully paid. Excludes cancelled payments and considers all invoice types. The grain for this is metric is payment schedules.
On Time Payments Count	Shows the count of payment transactions where payment date is lesser than or equal to scheduled payment date and payment schedule is fully paid. Excludes cancelled payments and considers all invoice types. The grain for this is metric is payment schedules.

Metric	Metric Definition
overdue Payments Amount	Shows the amount of payment transactions where the payment date exceeds the scheduled payment date and the payment schedule status is fully paid or partly paid. Excludes cancelled payments and considers all invoice types. The grain for this is metric is payment schedules.
overdue Payments Count	Shows the count of payment transactions where the payment date exceeds the scheduled payment date and the payment schedule status is fully paid or partly paid. Excludes cancelled payments and considers all invoice types. The grain for this is metric is payment schedules.
Payment Distribution Amount	Shows the payment distribution amount for AP payments.
Payment Exchange Loss(Gain) Amount	Shows the payment exchange loss or gain amount for the invoices and grain is payments or check number.
Payments Amount	Shows the total payments amount for the invoices and grain is payments or check number.
Payments Document Count	Shows the payments document count and grain is payments or check number.
Total Paid Installments Count	This metric is computed as follows: overdue payments count + on time payments count.
Total Payment Days	Shows the total payment days for fully paid invoices and considers all invoice types. payment days is computed as follows: payment date - invoice date.
Weighted Avg Supplier Payment Days	This metric is computed as follows: Sum of installment level Payment Days*Payment Amount / Total Payment Amount.

Procurement

Overview

These tables describe Procurement metrics.

Procurement—Agreements

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

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

Metric	Metric Definition
Header Released %	This metric is calculated as total agreement released amount divided by agreement amount.
Line Agreed Amount	This metric is calculated as sum of line agreed amount.
Line Released Amount	This metric is calculated as sum of line released amount.
Line Released Amount %	This metric is calculated as sum of line released amount divided by line agreed amount.
Remaining Header Amount	This metric is calculated as header agreed amount minus header released amount where agreement amount is not null and agreed amount is greater than released amount.
Remaining Header Amount %	This metric is calculated as remaining header amount divided by total header agreed amount.
Remaining Line Amount	This metric is calculated as sum of agreed line amount minus sum of line released amount where agreement line agreed amount is not null and agreed amount is greater than released amount.
Remaining Line Amount %	This metric is calculated as sum of remaining line amount divided by sum of agreed amount.
Expired Header Released %	This metric is calculated as header released amount divided by header agreed amount where agreement amount is not null and considering headers are expired.
Expired Line Released %	This metric is calculated as line released amount divided by line agreed amount where agreement amount is not null and considering lines which are expired.
Average Unit Price	Average of unit price at lines.
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.
Agreement Header Count	Count of distinct agreement headers.
Agreement Lines Count	Count of distinct blanket agreement lines.
Agreement Approval Cycle Time	This metric is calculated as average difference between agreement approval date for version zero and creation date.
Negotiation to Agreement Approval Cycle Time	This metric is calculated as average difference between agreement approval date for version zero and negotiation line creation date.
Approvers Count	This metric is calculated as average approvers for version zero of an agreement.
Item Count	Count of distinct items.
Suppliers Count	Count of distinct suppliers.
Supplier Site Count	Count of distinct supplier sites.
Buyers Count	Count of distinct buyers.
Header Expiring Days	This metric is calculated as average difference between end date and system date where agreement header end date is not null.
Line Expiring Days	This metric is calculated as average difference between expiration date and system date where either of agreement lines expiration date is not null or header end date is not null.

Metric	Metric Definition
Average Number of Revisions	This metric is calculated as average of agreement versions.
Amendments Count	This metric is calculated as average amendments done for an agreement.
Internal Amendments Count	This metric is calculated as average number of internal amendments for an agreement.
Supplier Amendments Count	This metric is calculated as average number of supplier initiated amendments for an agreement.
Agreement Line Primary Quantity	This metric is calculated as sum of agreement line quantity in primary UOM.
Average Unit Price (Primary UOM)	Average of unit price at lines in primary UOM.

Procurement—Enterprise Contracts (Preview)

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

Metric	Metric Definition
Contract Amount	This metric is calculated as the sum of contract amount.
Contract Agreed Amount	This metric is calculated as the sum of contract agreed amount.
Contract Line Amount	This metric is calculated as the sum of contract line amount.
Contract Line Agreed Amount	This metric is calculated as the sum of contract line agreed amount.
Fulfillment Amount	This metric is calculated as the sum of fulfillment amount.
Fulfillment Agreed Amount	This metric is calculated as the sum of fulfillment agreed amount.
Contract Count	This metric is calculated as the count of distinct contract headers.
Contract Line Quantity	This metric is calculated as the sum of contract line quantity and shows quantity in primary and transaction UOM.
Contract Line Committed Quantity	This metric is calculated as the sum of contract line committed quantity and shows quantity in primary and transaction UOM.
Fulfillment Quantity	This metric is calculated as the sum of fulfillment quantity and shows quantity in primary and transaction UOM.
Fulfillment Agreed Quantity	This metric is calculated as the sum of fulfillment agreed quantity and shows quantity in primary and transaction UOM.
Days to Expiration	This metric is calculated as average difference between system date and header contract end date.
Contract Cycle Time (Days)	This metric is calculated as average difference between contract signed date and contract creation date for latest version with active status.

Metric	Metric Definition
Non-Standard Clauses Contract Count	This metric is calculated as the count of contracts where clauses are modified.
% Contracts with Non-Standard Clauses	This metric is calculated as the count of contracts where clauses are modified divided by the count of contract headers.

Procurement—Purchase Orders

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

Metric	Metric Definition
Ordered Quantity	This metric is calculated as sum of quantity net of cancelled quantity at distribution level in primary and transaction UOM.
Original Ordered Quantity	This metric is calculated as sum of quantity including cancelled quantity at distribution level in primary and transaction UOM.
Cancelled Quantity	This metric is calculated as sum of cancelled quantity at distribution level in primary and transaction UOM.
Consignment Quantity	This metric is calculated as sum of consigned quantity at distribution level in primary and transaction UOM.
Billed Quantity	This metric is calculated as sum of billed quantity at distribution level in primary and transaction UOM.
Delivered Quantity	This metric is calculated as sum of delivered quantity at distribution level in primary and transaction UOM.
Received Quantity	This metric is calculated as sum of received quantity at schedule level in primary and transaction UOM.
Shipped Quantity	This metric is calculated as sum of shipped quantity at schedule level in primary and transaction UOM.
Accepted Quantity	This metric is calculated as sum of accepted quantity at schedule level in primary and transaction UOM.
Rejected Quantity	This metric is calculated as sum of rejected quantity at schedule level in primary and transaction UOM.
Over Receipt Quantity	This metric shows quantity that is received more that purchase order quantity in primary and transaction UOM.
Purchase Order Count	Count of distinct purchase order headers.
Purchase Order Lines Count	Count of distinct purchase order lines.
Requisition Lines Count	Count of distinct requisition lines associated in purchase order distributions.
Average Number of Revisions	This metric is calculated as average of revision numbers of a purchase order.
Amendments Count	This metric is calculated as average amendments done for a purchase order.
Internal Amendments Count	This metric is calculated as average number of internal amendments for a purchase order.

Metric	Metric Definition
Supplier Amendments Count	This metric is calculated as average number of supplier initiated amendments for a purchase order.
Pre Processing Lead Time	This metric is calculated as average difference between purchase order approval date and purchase order creation date for version zero.
Approvers Count	This metric is calculated as average number of approvers in a purchase order.
PR to PO Cycle Time	This metric is calculated as average difference between purchase order creation date and requisition line approval date.
PO Open Cycle Time	This metric is calculated as average difference between purchase order implement date for version zero and purchase order creation date.
PO Close Cycle Time	This metric is calculated as average difference between purchase order close date and purchase order creation date.
Negotiation to PO Cycle Time	This metric is calculated as average difference between purchase order approval date for version zero and negotiation line creation date for purchase orders created from negotiations.
Requisition Based PO %	This metric is calculated as count of distribution with requisition references divided by count of total distributions.
Buyers Count	Count of distinct buyers.
Payment Terms Count	Count of distinct payment terms.
Ordered Amount	This metric is calculated as sum of ordered amount at distribution level inclusive of inclusive taxes.
Total Exclusive Tax Amount	This metric is calculated as sum of total exclusive tax amount at distribution level.
Total Amount	This metric is calculated as sum of total amount at distribution level.
Non Recoverable Tax Amount	This metric is calculated as sum of non recoverable tax amount at distribution level.
Recoverable Tax Amount	This metric is calculated as sum of recoverable tax amount at distribution level.
Non Recoverable Inclusive Tax Amount	This metric is calculated as sum of non recoverable inclusive tax amount at distribution level.
Recoverable Inclusive Tax Amount	This metric is calculated as sum of recoverable inclusive tax amount at distribution level.
Delivered Amount	This metric is calculated as sum of delivered amount at distribution level.
Billed Amount	This metric is calculated as sum of billed amount at distribution level.
Cancelled Amount	This metric is calculated as sum of cancelled amount at distribution level.
Accepted Amount	This metric is calculated as sum of accepted amount at schedule level.
Accepted Rate	This metric is calculated as sum of accepted amount divided by sum of received amount at schedule level.
Received Amount	This metric is calculated as sum of received amount at schedule level.

Metric	Metric Definition
Shipped Amount	This metric is calculated as sum of shipped amount at schedule level.
Avg Unit Price	This metric is calculated as sum of ordered amount excluding inclusive taxes divided by sum of ordered quantity.
Max Unit Price	This metric is calculated as maximum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level.
Min Unit Price	This metric is calculated as minimum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level.
Average Amount Per PO	This metric is calculated as sum of ordered amount divided by count of distinct purchase orders.
Suppliers Count	Count of distinct Supplier.
Open PO Count	Count of purchase order header status equal to Open and Closed for Receiving. This metric is deprecated in 23.R2. Please use the Open Purchase Order Count metric.
Closed PO Count	Count of purchase order header status equal to Closed for Invoicing, Closed, and Finally Closed. This metric is deprecated in 23.R2. Please use the Closed Purchase Order Count metric.
Rejected Quantity %	This metric shows Rejected Quantity percentage to overall Receipt Quantity for a given period.
Over Receipt Quantity %	This metric shows Over Receipt Quantity percentage to overall Receipt Quantity for a given period.
Cancelled Quantity %	This metric shows Cancelled Quantity percentage to overall Ordered Quantity for a given period.
Negotiated Amount	This metric shows amount of the purchase order lines which has negotiated indicator as Y.
Open Purchase Order Amount	This metric shows the sum of ordered amount at distribution level inclusive of inclusive taxes with status equal to Open and Closed for Receiving. This metric is deprecated in 23.R2. Please use the Open Purchase Order Amount metric.
Closed Purchase Order Amount	This metric shows the sum of ordered amount at distribution level inclusive of inclusive taxes with status equal to Closed for Invoicing, Closed, and Finally Closed. This metric is deprecated in 23.R2. Please use the Closed Purchase Order Amount metric.
Over Receipt Amount	This metric shows amount that is received more than purchase order quantity at schedule level.
Avg Unit Price (Primary UOM)	This metric is calculated as sum of ordered amount excluding inclusive taxes divided by sum of ordered quantity in primary UOM.
Max Unit Price (Primary UOM)	This metric is calculated as maximum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level in primary UOM.
Min Unit Price (Primary UOM)	This metric is calculated as minimum of ordered amount excluding inclusive taxes divided by sum of ordered quantity at distribution level in primary UOM.
Open Purchase Order Count	Count of purchase order header status equal to Open, Closed for Receiving, and Closed for Invoicing.

Metric	Metric Definition
Closed Purchase Order Count	Count of purchase order header status equal to Closed, and Finally Closed.
Open Purchase Order Amount	This metric shows the sum of ordered amount at distribution level inclusive of inclusive taxes with status equal to Open, Closed for Receiving, and Closed for Invoicing.
Closed Purchase Order Amount	This metric shows the sum of ordered amount at distribution level inclusive of inclusive taxes with status equal to Closed, and Finally Closed.

Procurement—Receipt Accounting (Preview)

These metrics are used in the Analytics Currency (AC) Document Currency (DC) and Ledger Currency fact folder in the subject area. These metrics help analyse the Transaction and Distribution Amounts in Receipt Accounting.

Metrics

Metric	Metric Definition
Transaction Quantity	This metric displays the Receipt Accounting Transaction level Quantity
Quantity in Primary UOM	This metric displays the Receipt Accounting Transaction level Quantity in Primary Unit of Measure
Quantity in Secondary UOM	This metric displays the Receipt Accounting Transaction level Quantity in Secondary Unit of Measure
Debit Amount	This metric displays the Debit Amount in Analytics Currency, Ledger Currency and Document Currency for each Receipt Accounting Distribution
Credit Amount	This metric displays the Credit Amount in Analytics Currency, Ledger Currency and Document Currency for each Receipt Accounting Distribution

Procurement—Receipts

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

Metrics

Metric	Metric Definition
Received Quantity	This metric is calculated as sum of received quantity in primary and transaction UOM.
Accepted Quantity	This metric is calculated as sum of accepted quantity in primary and transaction UOM.
Delivered Quantity	This metric is calculated as sum of delivered quantity in primary and transaction UOM.
Rejected Quantity	This metric is calculated as sum of rejected quantity in primary and transaction UOM.
Returned Quantity	This metric is calculated as sum of returned quantity in primary and transaction UOM.

Metric	Metric Definition
Consumed Quantity	This metric is calculated as sum of consumed quantity in primary and transaction UOM.
Shipped Quantity	This metric is calculated as sum of shipped quantity in primary and transaction UOM.
Receipt Headers Count	Count of distinct receipt headers.
Receipt Lines Count	Count of receipt lines.
Purchase Order Count	Count of distinct purchase orders.
Purchase Order Schedule Count	Count of distinct purchase order schedule.
Received Lines On Time %	This metric is calculated as count of lines received on time divided by count of receipt lines.
Received Lines Late %	This metric is calculated as count of lines received late divided by count of receipt lines.
Received Lines Early %	This metric is calculated as count of lines received early divided by count of receipt lines.
Receipt Lines with Correction Count	This metric is calculated as count of receipt lines with atleast one correction transaction.
Receipt Lines with Correction %	This metric is calculated as receipt corrected count divided by receipt line count.
Receipt Lines Rejected Count	This metric is calculated as count of receipt lines with rejected quantity greater than zero.
Receipt Lines Rejected %	This metric is calculated as receipt rejected count divided by receipt lines count.
Receipt Lines Accepted Count	This metric is calculated as count of receipt lines with accepted quantity greater than zero.
Receipt Lines Accepted %	This metric is calculated as receipt accepted count divided by receipt lines count.
Receipt Lines Returned Count	This metric is calculated as count of receipt lines with returned quantity greater than zero.
Receipt Lines Returned %	This metric is calculated as receipt returned count divided by receipt lines count.
Post Processing Time	This metric is calculated as average difference between deliver date and receipt date.
Processing Time	This metric is calculated as average difference between receipt date and purchase order approval date for version zero.
Transportation Days	This metric is calculated as average difference between receipt header creation date and shipment date for advance shipment notice-based receipts.
ASN Receipts %	This metric is calculated as count of advanced shipment notice-based receipts divided by count of receipt headers.
Receipt Amount	This metric is calculated as sum of received quantity multiplied by unit price from purchase order in primary UOM.
Accepted Amount	This metric is calculated as sum of accepted quantity multiplied by unit price from purchase order in primary UOM.
Delivered Amount	This metric is calculated as sum of delivered quantity multiplied by unit price from purchase order in primary UOM.

Metric	Metric Definition
Rejected Amount	This metric is calculated as sum fo rejected quantity multiplied by unit price from purchase order in primary UOM.
Returned Amount	This metric is calculated as sum of returned quantity multiplied by unit price from purchase order in primary UOM.
Avg Unit Price (Primary UOM)	Average of unit price at purchase order lines in primary UOM.

Procurement—Requisitions

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

Metric	Metric Definition
Requisition Quantity	This metric is calculated as sum of quantity at distribution level and excludes reinstate, split, and replaced line status. This shows quantity in transaction UOM.
Requisition Count	Count of distinct requisitions.
Requisition Line Count	Count of requisition lines excluding reinstate, split, and replaced line status.
Rejected Requisition Count	Count of distinct requisition with rejected status.
Rejected Requisition Lines Count	Count of requisition lines with rejected status and excludes reinstate, split, and replaced line status.
Pending Approval Requisition Lines Count	Count of requisition lines with pending approval status and excludes reinstate, split, and replaced line status.
Unprocessed Requisition Lines Count	Count of requisition lines which are yet to get converted to purchase order or purchase order header without processed date (version 0). This metrics excludes internal requisition and reinstate, split, and replaced line status.
Approved Requisition Lines Count	Count of requisition lines with approved status and excludes reinstate, split, and replaced line status.
Processed Requisition Lines Count	Count of requisition lines which got converted to purchase order and purchase order header having processed date (version 0). This metrics excludes internal requisition and reinstate, split, and replaced line status.
Unfulfilled Requisition Lines Count	Count of requisition lines for which purchase order got processed and has purchase order line fulfilled flag value as N. This metrics excludes internal requisition and reinstate, split, and replaced line status.
Unfulfilled Overdue Requisition %	This metric shows Unfulfilled Overdue Requisition Amount percentage of the overall Requisition Amount for a given period.

Metric	Metric Definition
Fulfilled Requisition Lines Count	Count of requisition lines for which purchase order got processed and has purchase order line fulfilled flag value as Y. Purchase order line fulfilled flag will have value as Y only when all the schedule lines for that purchase order line is closed for receiving or invoicing. The fulfilled date is maximum of the schedule receipt dates or invoice dates. This metrics excludes internal requisition and reinstate, split, and replaced line status.
Requisition Approval Cycle Time Days	This metric is calculated as average difference between requisition approval date and requisition submitted date for version zero.
PR to PO Cycle Time	This metric is calculated as average difference between purchase order creation date and requisition line approval date. This metrics excludes internal requisition and reinstate, split, and replaced line status.
Fulfilled Cycle Time Days	This metric is calculated as average difference between purchase order line fulfill date and requisition line last submitted date. The fulfilled date is maximum of the schedule receipt dates or invoice dates. This metrics excludes internal requisition and reinstate, split, and replaced line status.
Requisition Approval to PO Fulfillment Time	This metric is calculated as average difference between purchase order line fulfill date and requisition line last approval date. And fulfilled date is maximum of the schedule receipt dates or invoice dates. This metrics excludes internal requisition and reinstate, split and replaced line status.
Unprocessed Average Aging Days	This metric is calculated as average difference between system date and requisition line last approval date for requisition lines which are yet to get converted to purchase order or purchase order header without processed date (version 0). This metrics excludes internal requisition and reinstate, split, and replaced line status. .
Requisition Amount	This metric is calculated as sum of amount at distribution level and excludes reinstate, split, and replaced line status.
Unprocessed Overdue Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with unprocessed status and crossed the requested delivery date and the unprocessed status requisition lines which are yet to get converted to purchase order or purchase order header without processed date (version 0). This metrics excludes internal requisition and reinstate, split, and replaced line status.
Approved Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with approved status. This metrics excludes reinstate, split, and replaced line status.

Metric	Metric Definition
Processed Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with processed status. The processed status requisition lines are those that got converted to purchase order and purchase order header having processed date (version 0). This metrics excludes internal requisition and reinstate, split, and replaced line status.
Unfulfilled Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with unfulfilled status. The unfulfilled status requisition lines are those purchase orders that got processed and have purchase order line fulfilled flag value as N. This metrics excludes internal requisition and reinstate, split, and replaced line status.
Unfulfilled Overdue Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with unfulfilled status and crossed the requested delivery date. The unfulfilled status requisition lines are those purchase orders that got processed and has purchase order line fulfilled flag value as N. This metrics excludes internal requisition and reinstate, split, and replaced line status.
Fulfilled Requisition Amount	This metric is calculated as sum of amount at distribution level with requisition lines with fulfilled status. The fulfilled status requisition lines are those that have purchase order line fulfilled flag value as Y. Purchase order line fulfilled flag will have value as Y only when all the schedule lines for that purchase order line is closed for receiving or invoicing. The fulfilled date is maximum of the schedule receipt dates or invoice dates. This metrics excludes internal requisition and reinstate, split, and replaced line status.
Requisition Primary Quantity	This metric is calculated as sum of quantity at distribution level and excludes reinstate, split and replaced line status. This shows quantity in primary UOM.
Requisition Amount – Without cancelled	This metric is calculated as sum of amount at distribution level and excludes cancelled, reinstate, split, and replaced line status.
Requisition Amount - Parent Reinstate Line	This metric is calculated as sum of amount at distribution level and includes parent reinstate and excludes cancelled, split, and replaced line status.
Requisition Quantity - With Reinstate Line	This metric is calculated as sum of quantity at distribution level and includes parent reinstate and cancelled, but excludes split and replaced line status.
Requisition Line Count - With Reinstate Line	Count of requisition lines excluding split and replaced line status.
Requisition Quantity - Without Cancelled	This metric is calculated as sum of quantity at distribution level and excludes Cancelled , reinstate, split and replaced line status.

Procurement—Spend

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

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

Metric	Metric Definition
Quantity Invoiced	This metric is calculated as the sum of Quantity Invoiced from Invoice distributions in primary and transaction UOM.
Invoice Amount	This metric is calculated as Sum of Amounts from the Invoice Accounting distribution lines for an invoice distribution.
Avg Invoice Unit Price	This metric is calculated as Sum of Invoice Amounts divided by Sum of Invoiced Quantity where Quantity Invoiced is not zero. This metric is calculated for Invoice distributions conforming as Addressable Spend.
Max Invoice Unit Price	This metric is calculated as Maximum of Invoice Amounts divided by Invoiced Quantity where Quantity Invoiced is not zero. This metric is calculated for Invoice distributions conforming as Addressable Spend.
Min Invoice Unit Price	This metric is calculated as Minimum of Invoice Amounts divided by Invoiced Quantity where Quantity Invoiced is not zero. This metric is calculated for Invoice distributions conforming as Addressable Spend.
Spend	This metric is calculated as Sum of Invoice Amounts where invoice is approved and invoice distribution is validated. This metric excludes Invoice Distributions for withholding tax invoices and lines, prepayment invoices, and prepayment application lines.
Addressable Spend	This metric is calculated as Sum of 'Spend' where Invoice Distribution Types are Accrual, Item, Exchange Rate Variance, Invoice Price Variance, Retainage and Retro Active Price Accrual.
PO Matched Spend	This metric is calculated as the sum of Invoice Amounts, where Invoice distributions has a Purchase Order Reference.
Non PO Matched Spend	This metric is calculated as the sum of Accounting Distribution Amounts where Invoice distributions has no Purchase Order reference.
Agreement Spend	This metric is calculated as the sum of Spend, where Invoice Distributions has a Purchase Order reference, and the corresponding Purchase Order Line has a Blanket Purchase Agreement or Contract Purchase Agreement reference.
Non Agreement Spend	This metric is calculated as the sum of Spend where Invoice Distributions has a Purchase Order reference, and Purchase Order Line does not have a Blanket Purchase Agreement or Contract Purchase agreement reference.
Agreement Leakage Spend	This metric is calculated as the sum of Spend where Invoice Distributions has a Purchase Order reference, and the Purchase Order Line does not have an agreement associated with it, although an open Blanket agreement is available for the item in Purchase order. This metric works only for Inventory Item-based purchase orders.

Metric	Metric Definition
Other Non Agreement Spend	This metric is calculated as Non Agreement Spend minus Agreement Leakage Spend.
Negotiated Spend	This metric is calculated as PO Matched Spend where the Negotiated Flag is checked for the corresponding Purchase Orders Lines.
Non Negotiated Spend	This metric is calculated as PO Matched Spend where the Negotiated Flag is not checked for the corresponding Purchase Orders Lines.
Average Spend Per invoice	This metric is calculated as the sum of Spend divided by the Count of Spend Invoices.
Electronic Invoices Count	This metric is calculated as the Count of Distinct Invoice Headers where Invoice Header source is not equal to Manual Invoice Entry.
Invoice Lines Count	This metric is calculated as the Count of Distinct invoice Lines.
Invoices Count	This metric is calculated as the Count of Distinct invoice Headers.
Purchase Order Lines Count	This metric is calculated as the Count of Distinct Purchase Order Lines referenced in Invoice Distributions.
Purchase Orders Count	This metric is calculated as the Count of Distinct Purchase Order Headers referenced in Invoice Distributions.
Manual Invoices Count	This metric is calculated as the Count of Distinct Invoice Headers where Invoice Header source is equal to Manual Invoice Entry.
Suppliers Count	This metric is calculated as the Count of Distinct Suppliers on Invoice Headers.
PO Matched Invoices Count	This metric is calculated as the Count of Distinct invoices headers which are fully or partially matched to the purchase order.
Invoices Before PO Creation Count	This metric is calculated as the Count of invoice Headers where Invoice date is greater than the purchase order Creation date.
Paid Invoices Count	This metric is calculated as Count of Distinct Invoice headers where invoice header is already paid.
Open Invoices Count	This metric is calculated as Count of Distinct Invoice headers where invoice header is not paid yet.
Perfect Invoices Count	This metric is calculated as Count of Distinct Invoice headers where invoice header is partially or fully matched to Purchase Order with no price variance.
Invoices with IPV Count	This metric is calculated as Count of Distinct Invoice headers where invoices have more than one distribution line status in Invoice Price Variance or Tax Invoice Price Variance.
Buyers Count	This metric is calculated as Distinct Buyers on Invoice Headers.
Supplier Site Count	This metric is calculated as Count of Distinct Supplier Sites on Invoice Headers.
Payables Invoicing Business Unit Count	This metric is calculated as distinct count of Payables Invoicing Business Units on Invoice Headers.

Metric	Metric Definition
Purchasing Category Count	This metric is calculated as Count of Distinct Purchasing Category on Invoice Lines.
Payment Terms Count	This metric is calculated as Count of Distinct Payment Terms on Invoice Headers.
Item Based Purchases %	This metric is calculated as the percentage of Distinct Count of item-based Purchase Order Lines over Distinct Count of Purchase Order Lines.
PO Matched Spend %	This metric is calculated as percentage of PO Matched Spend over Spend.
Non PO Matched Spend %	This metric is calculated as percentage of Non PO Matched Spend over Spend.
Agreement Spend %	This metric is calculated as percentage of Agreement Spend over Spend.
Non Agreement Spend %	This metric is calculated as percentage of Non Agreement Spend over Spend.
Agreement Leakage Spend %	This metric is calculated as percentage of Agreement Leakage Spend over Spend.
Negotiated Spend %	This metric is calculated as percentage of Negotiated Spend over Spend.
Supplier Spend %	This metric is calculated as percentage of Spend over Spend across all suppliers. This metric is used to analyze individual supplier Spend against Spend across all suppliers.
Category Spend %	This metric is calculated as percentage of Spend over Spend across all categories. This metric is used to analyze individual category Spend against Spend across all categories.
Invoice Price Variance	This metric is calculated as sum of amounts from Invoice distribution for Distribution Line status Invoice Price Variance.
Primary Quantity Invoiced	This metric is calculated as Sum of Quantity Invoiced from Invoice distributions in primary UOM.
Avg Invoice Unit Price (Primary UOM)	This metric is calculated as Sum of Invoice Amounts divided by Sum of Invoiced Quantity where Quantity Invoiced is not zero. This metric is calculated for Invoice distributions conforming as Addressable Spend in primary UOM.
Max Invoice Unit Price (Primary UOM)	This metric is calculated as Maximum of Invoice Amounts divided by Invoiced Quantity where Quantity Invoiced is not zero. This metric is calculated for Invoice distributions conforming as Addressable Spend in primary UOM.
Min Invoice Unit Price (Primary UOM)	This metric is calculated as Minimum of Invoice Amounts divided by Invoiced Quantity where Quantity Invoiced is not zero. This metric is calculated for Invoice distributions conforming as Addressable Spend in primary UOM.
Other Non-Agreement Spend %	This metric is calculated as the percentage of other non agreement spend amount over spend amount.
Addressable Spend %	This metric is calculated as percentage of Addressable Spend over Spend.

Metric	Metric Definition
Category Non Agreement Spend %	This metric is calculated as percentage of Non Agreement Spend over Non Agreement Spend across all categories. This metric is used to analyze individual category Non Agreement Spend against Non Agreement Spend across all categories.
Agreement Leakage to PO Spend %	This metric is calculated as the percentage of agreement leakage amount over PO matched spend amount.
Non Agreement to PO Spend %	This metric is calculated as the percentage of non agreement amount over PO matched spend amount.

Projects

These tables describe Projects metrics.

PPM - Grants Award Funding (Preview)

These metrics are used in the Award Currency fact folder in Subject Area. Award Currency and Project Currency are the same.

Metric	Metric Definition
Direct Funding Amount	Shows the funding amount for direct costs granted by Sponsor.
Indirect Funding Amount	Shows the funding amount for indirect costs granted by Sponsor.
Total Funding Amount	Total funding amount is sum of direct and indirect funding amount.
Unallocated Funding Amount	Unallocated funding amount is the amount not allocated to any project within the award.
Organization Credit Amount	Organization Credit amount is the portion of funding amount that Organization receives based on the credit percentage assigned to the organization.
Personnel Credit Amount	Personnel Credit amount is the portion of funding amount a person receives based on the credit percentage assigned to the person.
Project Funding Amount	Project Funding amount is the amount allocated to the project within the award.
Project Budget Amount	Current Approved Budget Burdened Cost in Project Currency from Project Budget Fact. This metric will be available only if Project Costing, Commitments and Project Controls functional areas are activated.
Project Commitment Amount	Commitment Amount in Project Currency from Project Commitment fact. This metric will be available only if Project Costing, Commitments and Project Controls functional areas are activated.
Project Actual Amount	Burdened Cost in Project Currency from Project Costs fact. This metric will be available only if Project Costing, Commitments and Project Controls functional areas are activated.

Metric	Metric Definition
Project Unbudgeted Amount	Project Unbudgeted Amount is calculated as Project Funding Amount - Project Budget Amount. This metric will be available only if Project Costing, Commitments and Project Controls functional areas are activated.
Project Available Amount	Project Available Amount is calculated as Project Budget Amount - Consumed Amount. This metric will be available only if Project Costing, Commitments and Project Controls functional areas are activated.
Consumed Amount	Consumed Amount is sum of Project Burdened Costs and Project Commitment. This metric will be available only if Project Costing, Commitments and Project Controls functional areas are activated.
Remaining Amount	Remaining Amount is calculated as (Consumed Amount/ Elapsed Days)*Remaining Days. This metric will be available only if Project Costing, Commitments and Project Controls functional areas are activated.
Elapsed Days	Elapsed Days is calculated as Current Date – Start Date, where Start date is the award start date in awards that are enabled for expanded authority. In awards that aren't enabled for expanded authority, the start date is the current budget period start date.
Remaining Days	Remaining Days is calculated as Current Budget Period End date – Current Date.
Burn Rate	Burn Rate is calculated as (Consumed Amount+ Remaining Amount)/Project Budget Amount in Percentage. It is available as of the current date only. This metric will be available only if Project Costing, Commitments and Project Controls functional areas are activated.

PPM - Project Assets (Preview)

These metrics will be used in the Ledger Currency (LC) fact folder in Subject Area.

Metric	Metric Definition
Raw Cost	Shows the Actual Raw Cost incurred.
Burden Cost	Shows the Actual Burden Cost calculated as difference between Burdened Cost and Raw Cost.
Burdened Cost	Shows the Actual Burdened Cost incurred.
Capitalizable Cost	Shows the Raw cost or Burdened Cost from Cost distribution lines flagged as Capitalizable based on whether Raw or Burdened Cost is Capitalizable for the project type.
Non-Capitalizable Cost	Shows the Actual Burdened Cost from Cost Distribution lines flagged as not Capitalizable for Capitalizable projects.
Total Asset Cost	Shows the Total Asset Cost.
Estimated Asset Cost	Shows the Estimated Asset Cost.
Capitalized Cost	Shows the Capitalized Cost that is the cost transferred to Fixed Assets module.
Grouped CIP Cost	Shows the Grouped CIP Cost that is the cost grouped to create Asset lines but not transferred to Fixed Assets.

Metric	Metric Definition
Assigned CIP Cost	Shows the Assigned CIP Cost that is the cost grouped to create Assets lines and assigned to Asset but not transferred to Fixed Assets.
Unassigned CIP Cost	Shows the Unassigned CIP Cost that is the cost grouped to create Assets lines but not assigned to Asset and not transferred to Fixed Assets.
Rejected CIP Cost	Shows the Rejected CIP Cost that is the cost grouped to create Assets lines but rejected during transfer to Fixed Assets.
Grouped Cost	Shows the Grouped Cost that is the cost grouped to create Asset lines.
Original Amount	Shows the Original Amount from Asset Lines.
Current Amount	Shows the Current Amount from Asset Lines.
Actual Asset Units	Shows the Actual Asset Units assigned to the Asset.
Estimated Asset Units	Shows the Estimated Asset Units.
Quantity	Number of units related to an expenditure item.

PPM - Project Budgets

These metrics are used in the Analytics Currency (AC), Document Currency (DC), Project Currency (PC), and Project Ledger Currency (PLC) fact folders in subject areas. Analytics currency and exchange rate type are configured during product implementation. Exchange rate date basis uses project ledger currency conversion rate date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Budget Quantity	Budget quantity of any baselined budget version.
Budget Labor Effort	Labor effort for any baselined budget version.
Budget Equipment Effort	Equipment effort for any baselined budget version.
BAC Quantity	Budget at completion quantity of any baselined budget.
BAC Labor Effort	Budget at completion labor effort for any baselined budget version.
BAC Equipment Effort	Budget at completion equipment effort of any baselined budget version.
Budget Quantity - ITD	Inception-to-date budget quantity of any baselined budget version calculated using the receiver fiscal calendar.
Budget Quantity - YTD	Year-to-date budget quantity of any baselined budget version calculated using the receiver fiscal calendar.
Budget Quantity - QTD	Quarter-to-date budget quantity of any baselined budget version calculated using the receiver fiscal calendar.
Budget Quantity - PTD	Period-to-date budget quantity of any baselined budget version.
Current Budget Quantity	Budget quantity of approved baselined budget version flagged as current.
Current Budget Labor Effort	Labor effort for approved baselined budget version flagged as current.
Current Budget Equipment Effort	Equipment effort for approved baselined budget version flagged as current.

Metric	Metric Definition
Current BAC Quantity	Budget at completion quantity of approved baselined budget version flagged as current.
Current BAC Labor Effort	Budget at completion labor effort for approved baselined budget version flagged as current.
Current BAC Equipment Effort	Budget at completion equipment effort of approved baselined budget version flagged as current.
Current Budget Quantity - ITD	Inception-to-date budget quantity of approved baselined budget version flagged as current calculated using the receiver fiscal calendar.
Current Budget Quantity - YTD	Year-to-date budget quantity of approved baselined budget version flagged as current calculated using the receiver fiscal calendar.
Current Budget Quantity - QTD	Quarter-to-date budget quantity of approved baselined budget version flagged as current calculated using the receiver fiscal calendar.
Current Budget Quantity - PTD	Period-to-date budget quantity of approved baselined budget version flagged as current calculated using the receiver fiscal calendar.
Original Budget Quantity	Budget quantity of approved baselined budget version flagged as original.
Original Budget Labor Effort	Labor effort for approved baselined budget version flagged as original.
Original Budget Equipment Effort	Equipment effort for approved baselined budget version flagged as original.
Original BAC Quantity	Budget at completion quantity of approved baselined budget version flagged as original.
Original BAC Labor Effort	Budget at completion labor effort for approved baselined budget version flagged as original.
Original BAC Equipment Effort	Budget at completion equipment effort of approved baselined budget version flagged as original.
Original Budget Quantity - ITD	Inception-to-date budget quantity of approved baselined budget version flagged as original calculated using the receiver fiscal calendar.
Original Budget Quantity - YTD	Year-to-date budget quantity of approved baselined budget version flagged as original calculated using the receiver fiscal calendar.
Original Budget Quantity - QTD	Quarter-to-date budget quantity of approved baselined budget version flagged as original calculated using the receiver fiscal calendar.
Original Budget Quantity - PTD	Period-to-date budget quantity of approved baselined budget version flagged as original calculated using the receiver fiscal calendar.
Budget Raw Cost	Raw cost of any baselined budget version.
Budget Burdened Cost	Burdened cost of any baselined budget version.
Budget Revenue	Budget revenue of any baselined budget version.
Budget Margin	Budget margin of any baselined budget version.
Budget Margin Percentage	Margin percentage of any baselined budget version.
BAC Raw Cost	Budget at completion raw cost of any baselined budget version.
BAC Burdened Cost	Budget at completion burdened cost of any baselined budget version.

Metric	Metric Definition
BAC Revenue	Budget at completion revenue of any baselined budget version.
BAC Margin	Budget at completion margin of any baselined budget version.
BAC Margin Percentage	Budget at completion margin percentage of any baselined budget version.
Current Budget Raw Cost	Raw cost of baselined budget version flagged as current.
Current Budget Burdened Cost	Burdened cost of baselined budget version flagged as current.
Current Budget Revenue	Budget revenue of baselined budget version flagged as current.
Current Budget Margin	Budget margin of baselined budget version flagged as current.
Current Budget Margin Percentage	Margin percentage of baselined budget version flagged as current.
Current BAC Raw Cost	Budget at completion raw cost of baselined budget version flagged as current.
Current BAC Burdened Cost	Budget at completion burdened cost of baselined budget version flagged as current.
Current BAC Revenue	Budget at completion revenue of baselined budget version flagged as current.
Current BAC Margin	Budget at completion margin of baselined budget version flagged as current.
Current BAC Margin Percentage	Budget at completion margin percentage of baselined budget version flagged as current.
Original Budget Raw Cost	Raw cost of baselined budget version flagged as original.
Original Budget Burdened Cost	Burdened cost of baselined budget version flagged as original.
Original Budget Revenue	Budget revenue of baselined budget version flagged as original.
Original Budget Margin	Budget margin of baselined budget version flagged as original.
Original Budget Margin Percentage	Margin percentage of baselined budget version flagged as original.
Original BAC Raw Cost	Budget at completion raw cost of baselined budget version flagged as original.
Original BAC Burdened Cost	Budget at completion burdened cost of baselined budget version flagged as original.
Original BAC Revenue	Budget at completion revenue of baselined budget version flagged as original.
Original BAC Margin	Budget at completion margin of baselined budget version flagged as original.
Original BAC Margin Percentage	Budget at completion margin percentage of baselined budget version flagged as original.
Current Versus Original BAC Raw Cost Variance	Variance between current and original approved budget at completion raw cost amount.
Current Versus Original BAC Burdened Cost Variance	Variance between current and original approved budget at completion burdened cost amount.

Metric	Metric Definition
Current Versus Original BAC Revenue Variance	Variance between current and original approved budget at completion revenue amount.
Current Versus Original BAC Margin Variance	Variance between current and original approved budget at completion margin.
Current Versus Original BAC Margin Percentage Variance	Variance between current and original approved budget at completion margin percentage.
Budget Raw Cost - ITD	Inception-to-date raw cost of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Burdened Cost - ITD	Inception-to-date burdened cost of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Revenue - ITD	Inception-to-date budget revenue of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Margin - ITD	Inception-to-date budget margin of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Margin Percentage - ITD	Inception-to-date margin percentage of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Raw Cost - ITD	Inception-to-date raw cost of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Burdened Cost - ITD	Inception-to-date burdened cost of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Revenue - ITD	Inception-to-date budget revenue of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Margin - ITD	Inception-to-date budget margin of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Margin Percentage - ITD	Inception-to-date margin percentage of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Raw Cost - ITD	Inception-to-date raw cost of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Burdened Cost - ITD	Inception-to-date burdened cost of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Original Budget Revenue - ITD	Inception-to-date budget revenue of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Margin - ITD	Inception-to-date budget margin of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Margin Percentage - ITD	Inception-to-date margin percentage of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Raw Cost - YTD	Year-to-date raw cost of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Burdened Cost - YTD	Year-to-date burdened cost of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Revenue - YTD	Year-to-date budget revenue of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Margin - YTD	Year-to-date budget margin of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Margin Percentage - YTD	Year-to-date margin percentage of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Raw Cost - YTD	Year-to-date raw cost of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Burdened Cost - YTD	Year-to-date burdened cost of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Revenue - YTD	Year-to-date budget revenue of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Margin - YTD	Year-to-date budget margin of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Margin Percentage - YTD	Year-to-date margin percentage of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Original Budget Revenue - YTD	Year-to-date raw cost of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Raw Cost - YTD	Year-to-date burdened cost of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Burdened Cost - YTD	Year-to-date budget revenue of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Margin - YTD	Year-to-date budget margin of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Margin Percentage - YTD	Year-to-date margin percentage of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Raw Cost - QTD	Quarter-to-date raw cost of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Burdened Cost - QTD	Quarter-to-date burdened cost of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Revenue - QTD	Quarter-to-date budget revenue of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Margin - QTD	Quarter-to-date budget margin of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Margin Percentage - QTD	Quarter-to-date margin percentage of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Raw Cost - QTD	Quarter-to-date raw cost of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Burdened Cost - QTD	Quarter-to-date burdened cost of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Revenue - QTD	Quarter-to-date budget revenue of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Current Budget Margin - QTD	Quarter-to-date budget margin of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Margin Percentage - QTD	Quarter-to-date margin percentage of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Revenue - QTD	Quarter-to-date raw cost of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Raw Cost - QTD	Quarter-to-date burdened cost of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Burdened Cost - QTD	Quarter-to-date budget revenue of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Margin - QTD	Quarter-to-date budget margin of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Margin Percentage - QTD	Quarter-to-date margin percentage of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Raw Cost - PTD	Period-to-date raw cost of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Burdened Cost - PTD	Period-to-date burdened cost of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Revenue - PTD	Period-to-date budget revenue of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Margin - PTD	Period-to-date budget margin of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Budget Margin Percentage - PTD	Period-to-date margin percentage of any baselined budget version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Raw Cost - PTD	Period-to-date raw cost of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Current Budget Burdened Cost - PTD	Period-to-date burdened cost of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Revenue - PTD	Period-to-date budget revenue of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Margin - PTD	Period-to-date budget margin of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Budget Margin Percentage - PTD	Period-to-date margin percentage of baselined budget version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Revenue - PTD	Period-to-date raw cost of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Raw Cost - PTD	Period-to-date burdened cost of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Burdened Cost - PTD	Period-to-date budget revenue of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Margin - PTD	Period-to-date budget margin of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Budget Margin Percentage - PTD	Period-to-date margin percentage of baselined budget version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

PPM - Project Commitments

These metrics will be used in the Analytics Currency (AC), Document Currency (DC), Project Currency (PC), Project Ledger Currency (PLC) and Ledger Currency (LC) fact folder in Subject Area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Ledger Currency Conversion Rate Date if this date is populated and if not available uses expenditure item date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Canceled Amount	Shows the Canceled amount from the commitment transaction. This metric is available only in document currency.

Metric	Metric Definition
Canceled Quantity	Total number of units canceled in the commitment transaction.
Committed Burden Cost	Shows the burden cost of the commitment transaction.
Committed Burdened Cost	Shows the burdened cost of the commitment transaction.
Committed Raw Cost	Shows the raw cost of the commitment transaction.
Delivered Amount	Shows the Delivered amount from the commitment transaction. This metric is available only in document currency.
Delivered Quantity	Total number of units delivered in the commitment transaction.
External Committed Burdened Cost	Shows the burdened cost of external commitment transactions.
External Committed Raw Cost	Shows the raw cost of external commitment transactions.
Invoiced Amount	Shows the invoiced amount from the commitment transaction. This metric is available only in document currency.
Invoiced Quantity	Total number of units invoiced in the commitment transaction.
Ordered Amount	Shows the ordered amount from the commitment transaction. This metric is available only in document currency.
Ordered Quantity	Total number of units ordered in the commitment transaction.
Original Ordered Amount	Shows the original ordered amount from the commitment transaction. This metric is available only in document currency.
Original Ordered Quantity	Total number of units originally ordered in the commitment transaction.
Outstanding Delivery Amount	Shows the outstanding Delivery amount from the commitment transaction. This metric is available only in document currency.
Outstanding Delivery Quantity	Total number of units to be delivered in the commitment transaction.
Outstanding Invoice Amount	Shows the outstanding invoice amount from the commitment transaction. This metric is available only in document currency.
Outstanding Invoice Quantity	Total number of units yet to be invoiced in the commitment transaction.
Overbilled Amount	Shows the overbilled amount from the commitment transaction. This metric is available only in document currency.
Overbilled Quantity	Total number of units overbilled in the commitment transaction.
Purchase Order Committed Burdened Cost	Shows the purchase order burdened cost.
Purchase Order Committed Raw Cost	Shows the purchase order raw cost.
Quantity	Total number of units committed.
Requisition Committed Burdened Cost	Shows the purchase requisition burdened cost.
Requisition Committed Raw Cost	Shows the purchase requisition raw cost.
Supplier Invoice Committed Burdened Cost	Shows the supplier invoice burdened cost.

Metric	Metric Definition
Supplier Invoice Committed Raw Cost	Shows the supplier invoice raw cost.
Transfer Order Committed Burdened Cost	Shows the transfer order burdened cost.
Transfer Order Committed Raw Cost	Shows the transfer order raw cost.

PPM - Project Costs

These metrics will be used in the Analytics Currency (AC), Document Currency (DC), Project Currency (PC), Project Ledger Currency (PLC) and Ledger Currency (LC) fact folder in Subject Area. Analytics Currency and Exchange Rate Type are configured during product implementation. Exchange Rate date basis uses Ledger Currency Conversion Rate Date if this date is populated and if not available uses expenditure item date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Accounted Burden Cost	Shows the burden cost amount that is accounted. This metric is available in ledger currency, document currency, and analytic currency only.
Accounted Burdened Cost	Shows the burdened cost amount that is accounted. This metric is available in ledger currency, document currency, and analytic currency only.
Accounted Raw Cost	Shows the raw cost amount that is accounted. This metric is available in ledger currency, document currency, and analytic currency only.
Billable and Capitalizable Burden Cost	Shows the billable and capitalizable burden cost calculated as difference between billable and capitalizable burdened cost.
Billable and Capitalizable Burden Cost - ITD	Cumulative sum of billable and capitalizable burden cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable and Capitalizable Burden Cost - PTD	Period-to-date billable and capitalizable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable and Capitalizable Burden Cost - QTD	Quarter-to-date billable and capitalizable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable and Capitalizable Burden Cost - YTD	Year-to-date billable and capitalizable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable and Capitalizable Cost	Shows the raw cost or burdened cost from cost distribution lines flagged as capitalizable and billable based on whether raw or burdened cost is capitalizable for the project type.

Metric	Metric Definition
Billable and Capitalizable Cost - ITD	Cumulative sum of billable and capitalizable burdened cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable and Capitalizable Cost - PTD	Period-to-date billable and capitalizable burdened cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable and Capitalizable Cost - QTD	Quarter-to-date billable and capitalizable burdened cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable and Capitalizable Cost - YTD	Year-to-date billable and capitalizable burdened cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable and Capitalizable Raw Cost	Shows the actual raw cost from cost distribution lines flagged as both billable and capitalizable.
Billable and Capitalizable Raw Cost - ITD	Cumulative sum of billable and capitalizable raw cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable and Capitalizable Raw Cost - PTD	Period-to-date billable and capitalizable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable and Capitalizable Raw Cost - QTD	Quarter-to-date billable and capitalizable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable and Capitalizable Raw Cost - YTD	Year-to-date billable and capitalizable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable Burden Cost	Shows the billable burden cost calculated as difference between billable cost and billable raw cost.
Billable Burden Cost - ITD	Cumulative sum of billable burden cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable Burden Cost - PTD	Period-to-date billable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable Burden Cost - QTD	Quarter-to-date billable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Billable Burden Cost - YTD	Year-to-date billable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable Cost	Shows the actual burdened cost from cost distribution lines flagged as billable.
Billable Cost - ITD	Cumulative sum of billable burdened cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable Cost - PTD	Period-to-date billable cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable Cost - QTD	Quarter-to-date billable cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable Cost - YTD	Year-to-date billable cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable Raw Cost	Shows the actual raw cost from cost distribution lines flagged as billable.
Billable Raw Cost - ITD	Cumulative sum of billable raw cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable Raw Cost - PTD	Period-to-date billable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable Raw Cost - QTD	Quarter-to-date billable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Billable Raw Cost - YTD	Year-to-date billable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Burden Cost	Shows the actual burden cost calculated as difference between burdened cost and raw cost.
Burden Cost - ITD	Cumulative sum of burden cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Burden Cost - PTD	Period-to-date burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Burden Cost - QTD	Quarter-to-date burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Burden Cost - YTD	Year-to-date burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Burdened Cost	Shows the actual burdened cost incurred.
Burdened Cost - ITD	Cumulative sum of burdened cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Burdened Cost - PTD	Period-to-date burdened cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Burdened Cost - QTD	Quarter-to-date burdened cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Burdened Cost - YTD	Year-to-date burdened cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Capitalizable Burden Cost	Shows the capitalizable burden cost calculated as difference between capitalizable cost and capitalizable raw cost.
Capitalizable Burden Cost - ITD	Cumulative sum of capitalizable burden cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Capitalizable Burden Cost - PTD	Period-to-date capitalizable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Capitalizable Burden Cost - QTD	Quarter-to-date capitalizable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Capitalizable Burden Cost - YTD	Year-to-date capitalizable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Capitalizable Cost	Shows the raw cost or burdened cost from cost distribution lines flagged as capitalizable based on whether raw or burdened cost is capitalizable for the project type.
Capitalizable Cost - ITD	Cumulative sum of capitalizable burdened cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Capitalizable Cost - PTD	Period-to-date capitalizable cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Capitalizable Cost - QTD	Quarter-to-date capitalizable cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Capitalizable Cost - YTD	Year-to-date capitalizable cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Capitalizable Raw Cost	Shows the actual raw cost from cost distribution lines flagged as capitalizable for capitalizable projects.
Capitalizable Raw Cost - ITD	Cumulative sum of capitalizable raw cost from start of the project to the reporting time period selected.
Capitalizable Raw Cost - PTD	Period-to-date capitalizable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Capitalizable Raw Cost - QTD	Quarter-to-date capitalizable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Capitalizable Raw Cost - YTD	Year-to-date capitalizable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Credit Amount	Shows the credit amount from accounting for the cost distribution line. This metric is available in ledger currency, document currency, and analytic currency only.
Debit Amount	Shows the debit amount from accounting for the cost distribution line. This metric is available in ledger currency, document currency, and analytic currency only.
Equipment Cost	Shows the equipment cost calculated as burdened cost that is associated with resource class EQUIPMENT.
Equipment Cost - ITD	Cumulative sum of equipment cost is calculated as burdened cost that is associated with resource class EQUIPMENT from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Equipment Cost - PTD	Period-to-date equipment cost is calculated as burdened cost that is associated with resource class EQUIPMENT calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Equipment Cost - QTD	Quarter-to-date equipment cost is calculated as burdened cost that is associated with resource class EQUIPMENT calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Equipment Cost - YTD	Year-to-date equipment cost is calculated as burdened cost that is associated with resource class EQUIPMENT calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Equipment Effort	Number of units of equipment used.

Metric	Metric Definition
Equipment Effort - ITD	Cumulative sum of units of equipment used from start of the project to the reporting time period selected calculated using the receiver fiscal calendar.
Equipment Effort - PTD	Period-to-date number of units of equipment used calculated using the receiver fiscal calendar.
Equipment Effort - QTD	Quarter-to-date number of units of equipment used calculated using the receiver fiscal calendar.
Equipment Effort - YTD	Year-to-date number of units of equipment used calculated using the receiver fiscal calendar.
Labor Cost	Shows the labor cost calculated as burdened cost that is associated with resource class PEOPLE.
Labor Cost - ITD	Cumulative sum of labor cost is calculated as burdened cost that is associated with resource class PEOPLE from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Labor Cost - PTD	Period-to-date labor cost is calculated as burdened cost that is associated with resource class PEOPLE calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Labor Cost - QTD	Quarter-to-date labor cost is calculated as burdened cost that is associated with resource class PEOPLE calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Labor Cost - YTD	Year-to-date labor cost is calculated as burdened cost that is associated with resource class PEOPLE calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Labor Effort	Number of labor units related to an expenditure item.
Labor Effort - ITD	Cumulative sum of labor units from start of the project to the reporting time period selected calculated using the receiver fiscal calendar.
Labor Effort - PTD	Period-to-date number of labor units related to an expenditure item calculated using the receiver fiscal calendar.
Labor Effort - QTD	Quarter-to-date number of labor units related to an expenditure item calculated using the receiver fiscal calendar.
Labor Effort - YTD	Year-to-date number of labor units related to an expenditure item calculated using the receiver fiscal calendar.
Net Amount	Shows the difference between debit amount and credit amount. This metric is available in ledger currency, document currency, and analytic currency only.
Non-Billable Burden Cost	Shows the non-billable burden cost calculated as difference between non-billable cost and non-billable raw cost.

Metric	Metric Definition
Non-Billable Burden Cost - ITD	Cumulative sum of non-billable burden cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Billable Burden Cost - PTD	Period-to-date non-billable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Billable Burden Cost - QTD	Quarter-to-date non-billable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Billable Burden Cost - YTD	Year-to-date non-billable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Billable Cost	Shows the actual burdened cost from cost distribution lines flagged as not billable.
Non-Billable Cost - ITD	Cumulative sum of non-billable burdened cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Billable Cost - PTD	Period-to-date non-billable cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Billable Cost - QTD	Quarter-to-date non-billable cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Billable Cost - YTD	Year-to-date non-billable cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Billable Raw Cost	Shows the actual raw cost from cost distribution lines flagged as not billable.
Non-Billable Raw Cost - ITD	Cumulative sum of non-billable raw cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Billable Raw Cost - PTD	Period-to-date non-billable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Billable Raw Cost - QTD	Quarter-to-date non-billable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Non-Billable Raw Cost - YTD	Year-to-date non-billable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Capitalizable Burden Cost	Shows the non-capitalizable burden cost calculated as difference between non-capitalizable cost and non-capitalizable raw cost.
Non-Capitalizable Burden Cost - ITD	Cumulative sum of non-capitalizable burden cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Capitalizable Burden Cost - PTD	Period-to-date non-capitalizable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Capitalizable Burden Cost - QTD	Quarter-to-date non-capitalizable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Capitalizable Burden Cost - YTD	Year-to-date non-capitalizable burden cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Capitalizable Cost	Shows the actual burdened cost from cost distribution lines flagged as not capitalizable for capitalizable projects.
Non-Capitalizable Cost - ITD	Cumulative sum of non-capitalizable burdened cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Capitalizable Cost - PTD	Period-to-date non-capitalizable cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Capitalizable Cost - QTD	Quarter-to-date non-capitalizable cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Capitalizable Cost - YTD	Year-to-date non-capitalizable cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Capitalizable Raw Cost	Shows the actual raw cost from cost distribution lines flagged as not capitalizable for capitalizable projects.
Non-Capitalizable Raw Cost - ITD	Cumulative sum of non-capitalizable raw cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Non-Capitalizable Raw Cost - PTD	Period-to-date non-capitalizable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Capitalizable Raw Cost - QTD	Quarter-to-date non-capitalizable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Non-Capitalizable Raw Cost - YTD	Year-to-date non-capitalizable raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Projects Count	Distinct count of projects with cost distribution lines.
Quantity	Number of units related to an expenditure item.
Raw Cost	Shows the actual raw cost incurred.
Raw Cost - ITD	Cumulative sum of raw cost from start of the project to the reporting time period selected calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Raw Cost - PTD	Period-to-date raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Raw Cost - QTD	Quarter-to-date raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Raw Cost - YTD	Year-to-date raw cost calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Tasks Count	Distinct count of tasks with cost distribution lines.
Transfer Price Amount	Shows the amount charged by provider organization to the receiver organization including transfer price markup.
Unaccounted CDL Count	Count of cost distribution lines that are not accounted.

PPM - Project Forecasts

These metrics are used in the Analytics Currency (AC), Document Currency (DC), Project Currency (PC), and Project Ledger Currency (PLC) fact folders in subject areas. Analytics currency and exchange rate type are configured during product implementation. Exchange rate date basis uses project ledger currency conversion rate date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Actual Raw Cost	Actual raw cost of any baselined forecast version.
Actual Burdened Cost	Actual burdened cost of any baselined forecast version.
Actual Revenue	Actual revenue of any baselined forecast version.
Actual Margin	Actual margin of any baselined forecast version.
Actual Margin Percentage	Actual margin percentage of any baselined forecast version.

Metric	Metric Definition
ETC Raw Cost	Estimate to complete raw cost of any baselined forecast version.
ETC Burdened Cost	Estimate to complete burdened cost of any baselined forecast version.
ETC Revenue	Estimate to complete revenue of any baselined forecast version.
ETC Margin	Estimate to complete margin of any baselined forecast version.
ETC Margin Percentage	Estimate to complete margin percentage of any baselined forecast version.
EAC Raw Cost	Estimate at completion raw cost of any baselined forecast version.
EAC Burdened Cost	Estimate at completion burdened cost of any baselined forecast version.
EAC Revenue	Estimate at completion revenue of any baselined forecast version.
EAC Margin	Estimate at completion margin of any baselined forecast version.
EAC Margin Percentage	Estimate at completion margin percentage of any baselined forecast version.
Current Actual Raw Cost	Actual raw cost of primary baselined forecast version flagged as current.
Current Actual Burdened Cost	Actual burdened cost of primary baselined forecast version flagged as current.
Current Actual Revenue	Actual revenue of primary baselined forecast version flagged as current.
Current Actual Margin	Actual margin of primary baselined forecast version flagged as current.
Current Actual Margin Percentage	Actual margin percentage of primary baselined forecast version flagged as current.
Current ETC Raw Cost	Estimate to complete raw cost of primary baselined forecast version flagged as current.
Current ETC Burdened Cost	Estimate to complete burdened cost of primary baselined forecast version flagged as current.
Current ETC Revenue	Estimate to complete revenue of primary baselined forecast version flagged as current.
Current ETC Margin	Estimate to complete margin of primary baselined forecast version flagged as current.
Current ETC Margin Percentage	Estimate to complete margin percentage of primary baselined forecast version flagged as current.
Current EAC Raw Cost	Estimate at completion raw cost of primary baselined forecast version flagged as current.
Current EAC Burdened Cost	Estimate at completion burdened cost of primary baselined forecast version flagged as current.
Current EAC Revenue	Estimate at completion revenue of primary baselined forecast version flagged as current.
Current EAC Margin	Estimate at completion margin of primary baselined forecast version flagged as current.
Current EAC Margin Percentage	Estimate at completion margin percentage of primary baselined forecast version flagged as current.

Metric	Metric Definition
Original Actual Raw Cost	Actual raw cost of primary baselined forecast version flagged as original.
Original Actual Burdened Cost	Actual burdened cost of primary baselined forecast version flagged as original.
Original Actual Revenue	Actual revenue of primary baselined forecast version flagged as original.
Original Actual Margin	Actual margin of primary baselined forecast version flagged as original.
Original Actual Margin Percentage	Actual margin percentage of primary baselined forecast version flagged as original.
Original ETC Raw Cost	Estimate to complete raw cost of primary baselined forecast version flagged as original.
Original ETC Burdened Cost	Estimate to complete burdened cost of primary baselined forecast version flagged as original.
Original ETC Revenue	Estimate to complete revenue of primary baselined forecast version flagged as original.
Original ETC Margin	Estimate to complete margin of primary baselined forecast version flagged as original.
Original ETC Margin Percentage	Estimate to complete margin percentage of primary baselined forecast version flagged as original.
Original EAC Raw Cost	Estimate at completion raw cost of primary baselined forecast version flagged as original.
Original EAC Burdened Cost	Estimate at completion burdened cost of primary baselined forecast version flagged as original.
Original EAC Revenue	Estimate at completion revenue of primary baselined forecast version flagged as original.
Original EAC Margin	Estimate at completion margin of primary baselined forecast version flagged as original.
Original EAC Margin Percentage	Estimate at completion margin percentage of primary baselined forecast version flagged as original.
Prior Actual Raw Cost	Actual raw cost of primary baselined forecast version flagged as prior.
Prior Actual Burdened Cost	Actual burdened cost of primary baselined forecast version flagged as prior.
Prior Actual Revenue	Actual revenue of primary baselined forecast version flagged as prior.
Prior Actual Margin	Actual margin of primary baselined forecast version flagged as prior.
Prior Actual Margin Percentage	Actual margin percentage of primary baselined forecast version flagged as prior.
Prior ETC Raw Cost	Estimate to complete raw cost of primary baselined forecast version flagged as prior.
Prior ETC Burdened Cost	Estimate to complete burdened cost of primary baselined forecast version flagged as prior.
Prior ETC Revenue	Estimate to complete revenue of primary baselined forecast version flagged as prior.
Prior ETC Margin	Estimate to complete margin of primary baselined forecast version flagged as prior.
Prior ETC Margin Percentage	Estimate to complete margin percentage of primary baselined forecast version flagged as prior.

Metric	Metric Definition
Prior EAC Raw Cost	Estimate at completion raw cost of primary baselined forecast version flagged as prior.
Prior EAC Burdened Cost	Estimate at completion burdened cost of primary baselined forecast version flagged as prior.
Prior EAC Revenue	Estimate at completion revenue of primary baselined forecast version flagged as prior.
Prior EAC Margin	Estimate at completion margin of primary baselined forecast version flagged as prior.
Prior EAC Margin Percentage	Estimate at completion margin percentage of primary baselined forecast version flagged as prior.
Current Versus Prior EAC Raw Cost Variance	Variance between current and prior estimate at completion primary forecast raw cost amount.
Current Versus Prior EAC Burdened Cost Variance	Variance between current and prior estimate at completion primary forecast burdened cost amount.
Current Versus Prior EAC Revenue Variance	Variance between current and prior estimate at completion primary forecast revenue amount.
Current Versus Prior EAC Margin Variance	Variance between current and prior estimate at completion primary forecast margin.
Current Versus Prior EAC Margin Percentage Variance	Variance between current and prior estimate at completion primary forecast margin percentage.
Current Versus Original EAC Raw Cost Variance	Variance between current and original estimate at completion primary forecast raw cost amount.
Current Versus Original EAC Burdened Cost Variance	Variance between current and original estimate at completion primary forecast burdened cost amount.
Current Versus Original EAC Revenue Variance	Variance between current and original estimate at completion primary forecast revenue amount.
Current Versus Original EAC Margin Variance	Variance between current and original estimate at completion primary forecast margin.
Current Versus Original EAC Margin Percentage Variance	Variance between current and original estimate at completion primary forecast margin percentage.
Forecast Raw Cost - ITD	Inception-to-date raw cost of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Burdened Cost - ITD	Inception-to-date burdened cost of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Revenue - ITD	Inception-to-date forecast revenue of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Margin - ITD	Inception-to-date forecast margin of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Margin Percentage - ITD	Inception-to-date margin percentage of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Current Forecast Raw Cost - ITD	Inception-to-date raw cost of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Burdened Cost - ITD	Inception-to-date burdened cost of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Revenue - ITD	Inception-to-date forecast revenue of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Margin - ITD	Inception-to-date forecast margin of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Margin Percentage - ITD	Inception-to-date margin percentage of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Raw Cost - ITD	Inception-to-date raw cost of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Burdened Cost - ITD	Inception-to-date burdened cost of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Revenue - ITD	Inception-to-date forecast revenue of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Margin - ITD	Inception-to-date forecast margin of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Margin Percentage - ITD	Inception-to-date margin percentage of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Raw Cost - ITD	Inception-to-date raw cost of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Prior Forecast Burdened Cost - ITD	Inception-to-date burdened cost of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Revenue - ITD	Inception-to-date forecast revenue of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Margin - ITD	Inception-to-date forecast margin of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Margin Percentage - ITD	Inception-to-date margin percentage of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Raw Cost - YTD	Year-to-date raw cost of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Burdened Cost - YTD	Year-to-date burdened cost of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Revenue - YTD	Year-to-date forecast revenue of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Margin - YTD	Year-to-date forecast margin of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Margin Percentage - YTD	Year-to-date margin percentage of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Raw Cost - YTD	Year-to-date raw cost of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Burdened Cost - YTD	Year-to-date burdened cost of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Revenue - YTD	Year-to-date forecast revenue of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Current Forecast Margin - YTD	Year-to-date forecast margin of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Margin Percentage - YTD	Year-to-date margin percentage of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Raw Cost - YTD	Year-to-date raw cost of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Burdened Cost - YTD	Year-to-date burdened cost of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Revenue - YTD	Year-to-date forecast revenue of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Margin - YTD	Year-to-date forecast margin of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Margin Percentage - YTD	Year-to-date margin percentage of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Raw Cost - YTD	Year-to-date raw cost of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Burdened Cost - YTD	Year-to-date burdened cost of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Revenue - YTD	Year-to-date forecast revenue of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Margin - YTD	Year-to-date forecast margin of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Prior Forecast Margin Percentage - YTD	Year-to-date margin percentage of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Raw Cost - QTD	Quarter-to-date raw cost of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Burdened Cost - QTD	Quarter-to-date burdened cost of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Revenue - QTD	Quarter-to-date forecast revenue of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Margin - QTD	Quarter-to-date forecast margin of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Margin Percentage - QTD	Quarter-to-date margin percentage of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Raw Cost - QTD	Quarter-to-date raw cost of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Burdened Cost - QTD	Quarter-to-date burdened cost of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Revenue - QTD	Quarter-to-date forecast revenue of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Margin - QTD	Quarter-to-date forecast margin of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Margin Percentage - QTD	Quarter-to-date margin percentage of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Raw Cost - QTD	Quarter-to-date raw cost of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Original Forecast Burdened Cost - QTD	Quarter-to-date burdened cost of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Revenue - QTD	Quarter-to-date forecast revenue of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Margin - QTD	Quarter-to-date forecast margin of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Margin Percentage - QTD	Quarter-to-date margin percentage of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Raw Cost - QTD	Quarter-to-date raw cost of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Burdened Cost - QTD	Quarter-to-date burdened cost of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Revenue - QTD	Quarter-to-date forecast revenue of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Margin - QTD	Quarter-to-date forecast margin of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Margin Percentage - QTD	Quarter-to-date margin percentage of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Raw Cost - PTD	Period-to-date raw cost of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Burdened Cost - PTD	Period-to-date burdened cost of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Forecast Revenue - PTD	Period-to-date forecast revenue of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Margin - PTD	Period-to-date forecast margin of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Margin Percentage - PTD	Period-to-date margin percentage of any baselined forecast version calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Raw Cost - PTD	Period-to-date raw cost of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Burdened Cost - PTD	Period-to-date burdened cost of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Revenue - PTD	Period-to-date forecast revenue of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Margin - PTD	Period-to-date forecast margin of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Current Forecast Margin Percentage - PTD	Period-to-date margin percentage of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Raw Cost - PTD	Period-to-date raw cost of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Burdened Cost - PTD	Period-to-date burdened cost of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Revenue - PTD	Period-to-date forecast revenue of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Original Forecast Margin - PTD	Period-to-date forecast margin of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.

Metric	Metric Definition
Original Forecast Margin Percentage - PTD	Period-to-date margin percentage of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Raw Cost - PTD	Period-to-date raw cost of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Burdened Cost - PTD	Period-to-date burdened cost of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Revenue - PTD	Period-to-date forecast revenue of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Margin - PTD	Period-to-date forecast margin of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Prior Forecast Margin Percentage - PTD	Period-to-date margin percentage of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar. This metric is available in project ledger currency, project currency, and analytic currency only.
Forecast Quantity	Forecast quantity of any baselined forecast version.
Forecast Labor Effort	Labor effort for any baselined forecast version.
Forecast Equipment Effort	Equipment effort for any baselined forecast version.
EAC Quantity	Estimate at completion quantity of any baselined forecast.
EAC Labor Effort	Estimate at completion labor effort for any baselined forecast version.
EAC Equipment Effort	Estimate at completion equipment effort of any baselined forecast version.
Forecast Quantity - ITD	Inception-to-date forecast quantity of any baselined forecast version calculated using the receiver fiscal calendar.
Forecast Quantity - YTD	Year-to-date forecast quantity of any baselined forecast version calculated using the receiver fiscal calendar.
Forecast Quantity - QTD	Quarter-to-date forecast quantity of any baselined forecast version calculated using the receiver fiscal calendar.
Forecast Quantity - PTD	Period-to-date forecast quantity of any baselined forecast version calculated using the receiver fiscal calendar.
Current Forecast Quantity	Forecast quantity of primary baselined forecast version flagged as current.
Current Forecast Labor Effort	Labor effort for primary baselined forecast version flagged as current.

Metric	Metric Definition
Current Forecast Equipment Effort	Equipment effort for primary baselined forecast version flagged as current.
EAC Current Quantity	Estimate at completion quantity of baselined forecast.
EAC Current Labor Effort	Estimate at completion labor effort for primary baselined forecast version flagged as current.
EAC Current Equipment Effort	Estimate at completion equipment effort of primary baselined forecast version flagged as current.
Current Forecast Quantity - ITD	Inception-to-date forecast quantity of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar.
Current Forecast Quantity - YTD	Year-to-date forecast quantity of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar.
Current Forecast Quantity - QTD	Quarter-to-date forecast quantity of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar.
Current Forecast Quantity - PTD	Period-to-date forecast quantity of primary baselined forecast version flagged as current calculated using the receiver fiscal calendar.
Original Forecast Quantity	Forecast quantity of primary baselined forecast version flagged as original.
Original Forecast Labor Effort	Labor effort for primary baselined forecast version flagged as original.
Original Forecast Equipment Effort	Equipment effort for primary baselined forecast version flagged as original.
EAC Original Quantity	Estimate at completion quantity of baselined forecast.
EAC Original Labor Effort	Estimate at completion labor effort for primary baselined forecast version flagged as original.
EAC Original Equipment Effort	Estimate at completion equipment effort of primary baselined forecast version flagged as original.
Original Forecast Quantity - ITD	Inception-to-date forecast quantity of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar.
Original Forecast Quantity - YTD	Year-to-date forecast quantity of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar.
Original Forecast Quantity - QTD	Quarter-to-date forecast quantity of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar.
Original Forecast Quantity - PTD	Period-to-date forecast quantity of primary baselined forecast version flagged as original calculated using the receiver fiscal calendar.
Prior Forecast Quantity	Forecast quantity of primary baselined forecast version flagged as prior.
Prior Forecast Labor Effort	Labor effort for primary baselined forecast version flagged as prior.
Prior Forecast Equipment Effort	Equipment effort for primary baselined forecast version flagged as prior.
EAC Prior Quantity	Estimate at completion quantity of baselined forecast.
EAC Prior Labor Effort	Estimate at completion labor effort for primary baselined forecast version flagged as prior.

Metric	Metric Definition
EAC Prior Equipment Effort	Estimate at completion equipment effort of primary baselined forecast version flagged as prior.
Prior Forecast Quantity - ITD	Inception-to-date forecast quantity of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar.
Prior Forecast Quantity - YTD	Year-to-date forecast quantity of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar.
Prior Forecast Quantity - QTD	Quarter-to-date forecast quantity of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar.
Prior Forecast Quantity - PTD	Period-to-date forecast quantity of primary baselined forecast version flagged as prior calculated using the receiver fiscal calendar.

PPM - Project Funding

These metrics are used in the Analytics Currency (AC) and Contract Currency (CC) fact folders. Analytics currency and exchange rate type are configured during product implementation. Exchange rate date basis uses contract line start date to convert from contract currency to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Contract Amount	Shows the contract amount.
External Contract Amount	Shows the contract amount for external contracts.
Intercompany Contract Amount	Shows the contract amount for intercompany contracts.
Interproject Contract Amount	Shows the contract amount for interproject contracts.
Funding Amount	Funding amount allocated to the project.
Unallocated Amount	Unallocated amount calculated as contract amount - funding amount.
Revenue Amount	Revenue recognized for the contract.
Backlog Amount	Backlog amount is calculated as funding amount - revenue amount.
Quantity	Shows the contract line quantity.

PPM - Project Invoices

These metrics are used in the Analytics Currency (AC), Document Currency (DC), Contract Currency (CC), Project Currency (PC), Ledger Currency (LC), Project Ledger Currency (PLC), and Invoice Currency (IC) fact folder in subject area. Ledger Currency and Project Currency amounts will be available only for Invoices with Accepted Status. Analytics currency and exchange rate type are configured during product implementation. Exchange rate date basis uses Invoice Currency Conversion Rate Date if this date is populated, and if not available, uses invoice date to convert to

analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Invoice Amount	Contract Invoice Amount.
External Invoice Amount	Invoice amount from External contracts.
Intercompany Invoice Amount	Invoice amount from Intercompany contracts.
Interproject Invoice Amount	Invoice amount from Interproject contracts.
Write-Off Amount	Write-off Amount shows the Invoice amount for Invoices with type Write-off invoice.
Credit Memo Amount	Credit Memo Amount shows the Invoice amount for Invoices with type Credit Memo.
Canceled Amount	Canceled Amount shows the Invoice amount for Invoices with type Canceled invoice.
Concession Amount	Concession Amount shows the Invoice amount for Invoices with type Concession invoice.
Invoice Amount - ITD	Inception to Date Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
External Invoice Amount - ITD	Inception to Date External Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, Project Ledger Currency, and Analytic Currency only.
Intercompany Invoice Amount - ITD	Inception to Date Intercompany Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Interproject Invoice Amount - ITD	Inception to Date Interproject Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Invoice Amount - YTD	Year to Date Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
External Invoice Amount - YTD	Year to Date External Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, Project Ledger Currency, and Analytic Currency only.
Intercompany Invoice Amount - YTD	Year to Date Intercompany Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Interproject Invoice Amount - YTD	Year to Date Interproject Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Invoice Amount - QTD	Quarter to Date Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
External Invoice Amount - QTD	Quarter to Date External Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, Project Ledger Currency, and Analytic Currency only.

Metric	Metric Definition
Intercompany Invoice Amount - QTD	Quarter to Date Intercompany Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Interproject Invoice Amount - QTD	Quarter to Date Interproject Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Invoice Amount - PTD	Period to Date Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
External Invoice Amount - PTD	Period to Date External Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, Project Ledger Currency, and Analytic Currency only.
Intercompany Invoice Amount - PTD	Period to Date Intercompany Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Interproject Invoice Amount - PTD	Period to Date Interproject Invoice Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Billed Quantity	Shows the Billed Quantity.

PPM - Project Revenue

These metrics are used in the Analytics Currency (AC), Document Currency (DC), Contract Currency (CC), Project Currency (PC), Ledger Currency (LC), Project Ledger Currency (PLC), and Revenue Currency (RC) fact folders in subject areas. Analytics currency and exchange rate type are configured during product implementation. Exchange rate date basis uses ledger currency conversion rate date if this date is populated, and if not available uses transaction date to convert to analytics currency. Metrics in these folders show amounts in their respective currencies.

Metric	Metric Definition
Revenue Amount	Contract revenue amount.
External Revenue Amount	Revenue recognized from external contracts.
Intercompany Revenue Amount	Revenue recognized from intercompany contracts.
Interproject Revenue Amount	Revenue recognized from interproject contracts.
Revenue Amount - ITD	Inception to Date Contract Revenue Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
External Revenue Amount - ITD	Inception to Date Revenue amount from External Contracts calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, Project Ledger Currency, and Analytic Currency only.

Metric	Metric Definition
Intercompany Revenue Amount - ITD	Inception to Date Revenue amount from Intercompany Contracts calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Interproject Revenue Amount - ITD	Inception to Date Revenue amount from Interproject Contracts calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Revenue Amount - YTD	Year to Date Contract Revenue Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
External Revenue Amount - YTD	Year to Date Revenue amount from External Contracts calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, Project Ledger Currency, and Analytic Currency only.
Intercompany Revenue Amount - YTD	Year to Date Revenue amount from Intercompany Contracts calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Interproject Revenue Amount - YTD	Year to Date Revenue amount from Interproject Contracts calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Revenue Amount - QTD	Quarter to Date Contract Revenue Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
External Revenue Amount - QTD	Quarter to Date Revenue amount from External Contracts calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, Project Ledger Currency, and Analytic Currency only.
Intercompany Revenue Amount - QTD	Quarter to Date Revenue amount from Intercompany Contracts calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Interproject Revenue Amount - QTD	Quarter to Date Revenue amount from Interproject Contracts calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Revenue Amount - PTD	Period to Date Contract Revenue Amount calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
External Revenue Amount - PTD	Period to Date Revenue amount from External Contracts calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, Project Ledger Currency, and Analytic Currency only.
Intercompany Revenue Amount - PTD	Period to Date Revenue amount from Intercompany Contracts calculated using the Receiver Fiscal Calendar. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.

Metric	Metric Definition
Interproject Revenue Amount - PTD	Period to Date Revenue amount from Interproject Contracts. This metric is available in Ledger Currency, Project Currency, and Analytic Currency only.
Debit Amount	Shows the debit amount of the revenue accounting distribution. This metric is available in ledger currency, document currency, and analytic currency only.
Credit Amount	Shows the credit amount of the revenue accounting distribution. This metric is available in ledger currency, document currency, and analytic currency only.
Net Amount	Shows the net amount of the revenue accounting distribution. This metric is available in ledger currency, document currency, and analytic currency only.
Revenue Recognized Quantity	Revenue recognized quantity..
Unaccounted Count	Count of revenue distributions that are not accounted.

Receivables

Overview

These tables describe Receivables metrics.

Financials—AR Adjustments

These metrics will be used in the Analytics Currency (AC) fact folder, Ledger Currency (LC) fact folder and Document Currency (DC) fact folder in Subject Areas. Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Adjustment date to convert to Analytics currency. Metrics in these folders will show amounts in their respective currencies. Currently only posted adjustments are supported.

Metric	Metric Definition
Adjustments Amount	Shows the adjustments amount that is adjusted to the invoices, debit memos, chargebacks, onaccount credits, deposits, and guarantees.
Adjustments Count	Shows the adjustments count that is adjusted to the invoices, debit memos, chargebacks, onaccount credits, deposits, and guarantees.
Adjustments Distribution Amount	Shows the adjustments distribution amount.

Financials—AR Aging

These metrics will be used in the Analytics Currency (AC) fact folder, Ledger Currency (LC) fact folder and Document Currency (DC) fact folder in Subject Areas. Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Transaction date to convert to Analytics currency.

Metrics in these folders will show amounts in their respective currencies. Currently only posted transactions are supported.

Metric	Metric Definition
Activity Amount	Shows the activities amount of the specified accounts and can be aggregated by business unit, customer, customer account, and time.
Aging Amount - Invoice Date Basis	Shows the aging amount for the open invoices and unapplied receipts based on transaction date grouped by selected aging period.
Aging Amount - Schedule Date Basis	Shows the aging amount for the open invoices and unapplied receipts based on schedule date grouped by selected aging period.
Aging Count - Invoice Date Basis	Shows the aging count for the open invoices and unapplied receipts based on transaction date grouped by selected aging period.
Aging Count - Schedule Date Basis	Shows the aging count for the for the open invoices and unapplied receipts based on schedule date grouped by selected aging period.
Avg Invoice Days Current	This metric is computed as follows: total number of days before due date / current invoices count. This is based on schedule date.
Avg Invoice Days Outstanding	This metric is computed as follows: total number of days invoice outstanding / total outstanding invoices count. This is based on invoice date.
Avg Invoice Days overdue	This metric is computed as follows: total number of days invoice overdue / overdue invoices count. This is based on schedule date.
Closing Amount	Shows the ending balance of the specified accounts and can be aggregated by business unit, customer, customer account and, time.
Current Amount	Shows the invoices amount which are yet to cross the schedule due date.
Current Amount to Total Outstanding %	This metric is computed as follows: (current amount / total outstanding amount) * 100.
Current Count to Total Outstanding %	This metric is computed as follows: (current invoices count / total outstanding invoices count) * 100.
Current Invoices Count	Shows the invoices count which are yet to cross the schedule due date.
Opening Amount	Shows the opening balance of the specified accounts and can be aggregated by business unit, customer, customer account, and time.
Overdue Amount	Shows the invoices and unapplied receipts amount which has crossed the schedule due date.
Overdue Amount to Total Outstanding %	This metric is computed as follows: (overdue amount / total outstanding amount) * 100.
Overdue Count to Total Outstanding %	This metric is computed as follows: (overdue invoices count / total outstanding invoices count) * 100.
Overdue Invoices Count	Shows the invoices and unapplied receipts count which has crossed the schedule due date.
Risk Amount	Shows the receipt amount for which cash is not cleared or risk is not eliminated.
Total Outstanding Amount	Shows the outstanding amount which includes current and overdue invoices and receipts.

Metric	Metric Definition
Total Outstanding Invoices Count	Shows the count of outstanding invoices and unapplied receipts.
Future Activity Amount	Shows the total activity amount that is accounted in future periods. This amount is available for analysis only in the current snapshot. This metric is exposed only if Receivables Aging (Preview) functional area is activated.

Financials—AR Credit Memo Applications

These metrics will be used in the Analytics Currency (AC) fact folder, Ledger Currency (LC) fact folder and Document Currency (DC) fact folder in Subject Areas. Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Credit Memo Accounting date to convert to Analytics currency. Metrics in these folders will show amounts in their respective currencies. Currently only posted credit memo applications are supported.

Metric	Metric Definition
Application Distribution Amount	Shows the credit memo application distribution amount.
Credit Memo Applications Amount	Shows the credit memo applications amount. This considers credit memos with application status as applied and activity. This amount is not available in non-primary ledgers.
Credit Memo Applications Count	Shows the credit memo applications count. This considers credit memos with application status as applied and activity.

Financials—AR Receipts and Applications

These metrics will be used in the Analytics Currency (AC) fact folder, Ledger Currency (LC) fact folder and Document Currency (DC) fact folder in Subject Areas. Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Receipt date for Receipts and Transaction date for Applications to convert to Analytics currency. Metrics in these folders will show amounts in their respective currencies. Currently only posted receipts and applications are supported.

Metric	Metric Definition
Credit Card Chargeback Amount	Shows the credit card chargeback amount.
Credit Card Refund Amount	Shows the credit card refund amount.
Receipt Distribution Amount	Shows the receipt and application distribution amount.
Receipt Refund Amount	Shows the receipt refund amount.
Receipt to Receipt Application Amount	Shows the receipt to receipt application amount.
Receipt Write-Off Amount	Shows the receipt write-off amount.
Avg Receipts Amount	This metric is computed as follows: receipts amount / receipts count.
Discounts Taken Amount	Shows the total discount amount that was taken.
Discounts Taken of Applied Receipts %	This metric is computed as follows: (discounts taken amount / receipts applications amount) * 100.
Earned Discounts Amount	Shows the total earned discount amount that was taken.

Metric	Metric Definition
Earned Discounts of Total Discount %	This metric is computed as follows: (earned discounts amount / discounts taken amount) * 100.
Exchange Gain or Loss Amount	Shows the exchange gain or loss amount incurred at the time of receipt.
On account Amount	Shows the receipt amount applied to on account activity when customer is found.
Other Receipt Application Amount	Shows receipt amount that is applied to prepayment, claim investigations activities.
Receipts Amount	Shows the receipts amount from the customers.
Receipts Applications Amount	Shows receipt amount from the customers that are applied against outstanding invoices.
Receipts Transaction Count	Shows the distinct count of receipt numbers.
Unapplied Receipts Amount	Shows receipt amount from the customers that are unapplied against outstanding invoices.
Unearned Discounts Amount	Shows the total unearned discount amount that was taken.
Unearned Discounts of Total Discount %	This metric is computed as follows: (unearned discounts amount / discounts taken amount) * 100.
Unidentified Amount	Shows the unidentified receipts transaction amount.

Financials—AR Revenue

These metrics will be used in the Analytics Currency (AC) fact folder, Ledger Currency (LC) fact folder and Document Currency (DC) fact folder in Subject Areas. Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Transaction date to convert to Analytics currency. Metrics in these folders will show amounts in their respective currencies. Currently only posted transactions are supported.

Metric	Metric Definition
Distribution Amount	Shows the distribution amount.
Freight Amount	Shows the freight distribution amount.
Line Amount	Shows the transaction line amount. This amount is not available in non-primary ledgers.
Long Term Deferred Revenue	Shows the deferred or unearned revenue distribution amount that will be recognized after 365 days from current system date.
Revenue Amount	Shows the revenue distribution amount that is recognized.
Short Term Deferred Revenue	Shows the deferred or unearned revenue distribution amount that will be recognized within 365 days from current system date.
Tax Amount	Shows the tax distribution amount.
Transaction Amount	Shows the transaction header amount. This amount is not available in non-primary ledgers.
Unbilled Receivable Amount	Shows the unbilled receivable amount.
Unearned Revenue Amount	Shows the unearned revenue distribution amount that is yet to be recognized.

Financials—AR Transactions

These metrics will be used in the Analytics Currency (AC) fact folder, Ledger Currency (LC) fact folder and Document Currency (DC) fact folder in Subject Areas. Analytics Currency and exchange rate type will be configured during product implementation. Exchange rate date basis will be Transaction date to convert to Analytics currency. Metrics in these folders will show amounts in their respective currencies. Currently only posted transactions are supported.

Metric	Metric Definition
Avg Credit Memos Amount	This metric is computed as follows: credit memos amount / credit memos count.
Avg Debit Memos Amount	This metric is computed as follows: debit memos amount / debit memos count.
Avg Invoices Amount	This metric is computed as follows: invoices amount / invoices count.
Credit Memos Amount	Shows the invoice amount for the credit memo transaction type.
Credit Memos Count	Shows the invoices count for credit memo transaction type.
Debit Memos Amount	Shows the invoice amount for the debit memo transaction type.
Debit Memos Count	Shows the invoices count for debit memo transaction type.
Invoices Amount	Shows the invoice amount which includes chargeback, deposits, guarantee, invoices invoice types and excludes the credit memo and debit memo transaction type.
Invoices Count	Shows the invoices count which includes chargeback, deposits, guarantee, invoices invoice types and excludes the credit memo and debit memo transaction type.
Total Transactions Amount	Shows the sum of invoice amount, debit memos amount and credit memos amount.
Total Transactions Count	Shows the distinct count of invoice numbers.

Descriptive Flexfield (DFF)

Assets

Subject Area Name	Descriptive Flexfield (DFF) Supported
Financials - Assets Transactions	Supports the asset category, asset invoices and asset retirement descriptive flexfields.

General Ledger

These descriptive flexfields are supported by General Ledger subject areas.

Subject Area Name	Descriptive Flexfield (DFF) Supported
Financials - GL Detail Transactions	Supports the journal headers, journal lines, and journal batches descriptive flexfields.

Grants Management

These descriptive flexfields are supported by Grants Management subject areas.

Subject Area Name	Descriptive Flexfield (DFF) Supported
PPM – Grants Award Funding (Preview)	Supports awards, institution, award personnel, award funding source, project, project types, class categories, class codes, and project class codes descriptive flexfields.

Payables

These descriptive flexfields are supported by Payables subject areas.

Subject Area Name	Descriptive Flexfield (DFF) Supported
Financials - AP Invoices	Supports the suppliers, supplier sites, invoice headers, and invoice Installments descriptive flexfields.
Financials - AP Aging	Supports the suppliers, supplier sites, invoice headers, and invoice Installments descriptive flexfields.
Financials - AP Payments	Supports the suppliers, supplier sites, and invoice payments descriptive flexfields.
Financials - AP Liabilities	Supports the suppliers, supplier sites, and invoice headers descriptive flexfields.
Financials - AP Expenses	Supports the suppliers, supplier sites, invoice headers, invoice lines, and invoice distributions descriptive flexfields.
Financials - AP Holds	Supports the suppliers, supplier sites, invoice headers, invoice lines, invoice distributions, and invoice holds descriptive flexfields.

Receivables

These descriptive flexfields are supported by Receivables subject areas.

Subject Area Name	Descriptive Flexfield (DFF) Supported
Financials - AR Transactions	Supports the Customer, Bill-to Customer, Ship-to Customer, Paying Customer, Sold-to Customer, Customer Account, Bill-to Customer account, Paying Customer Account, Customer Site, Bill-to Customer Site, Ship-to Customer Site, Paying Customer Site, Transactions Headers, Transactions Schedules, and Transactions Distributions descriptive flexfields.
Financials - AR Receipts and Applications	Supports the Customer, Bill-to Customer, Ship-to Customer, Paying Customer, Sold-to Customer, Customer Account, Bill-to Customer account, Paying Customer Account, Customer Site, Bill-to Customer Site, Ship-to Customer Site, Paying Customer Site, and Receipts descriptive flexfields.
Financials - AR Credit Memo Applications	Supports the Customer, Bill-to Customer, Ship-to Customer, Paying Customer, Sold-to Customer, Customer Account, Bill-to Customer account, Paying Customer Account, Customer Site, Bill-to Customer Site, Ship-to Customer Site, and Paying Customer Site descriptive flexfields.
Financials - AR Adjustments	Supports the Customer, Bill-to Customer, Ship-to Customer, Paying Customer, Sold-to Customer, Customer Account, Bill-to Customer account, Paying Customer Account, Customer Site, Bill-to Customer Site, Ship-to Customer Site, and Paying Customer Site descriptive flexfields.
Financials - AR Aging	Supports the Customer, Bill-to Customer, Sold-to Customer, Customer Account, Bill-to Customer Account, Ship-to Customer Site, Transactions Headers, and Transactions Schedules descriptive flexfields.
Financials - AR Revenue	Supports the Customer, Bill-to Customer, Ship-to Customer, Paying Customer, Sold-to Customer, Customer Account, Bill-to Customer account, Paying Customer Account, Customer Site, Bill-to Customer Site, Ship-to Customer Site, Paying Customer Site, Transactions Headers, Transactions Lines, and Transactions Distributions descriptive flexfields.

Purchasing

Below Descriptive Flexfields are supported by Procurement subject area.

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

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

Project Billing

These descriptive flexfields are supported by Project Billing subject areas.

Subject Area Name	Descriptive Flexfield (DFF) Supported
PPM - Project Revenue	Supports the project, task structure, project types, class categories, class codes, project class codes, awards, award personnel, institution, contract headers, contract lines, and bill plan descriptive flexfields.
PPM - Project Funding	Supports the project, task structure, project types, class categories, class codes, project class codes, contract headers, contract lines, and bill plan descriptive flexfields.
PPM - Project Invoices	Supports the supports project, task structure, project types, class categories, class codes, project class codes, awards, award personnel, institution, contract headers, contract lines, bill plan, invoice headers, and invoice lines descriptive flexfields.

Project Control

Subject Area Name	Descriptive Flexfield (DFF) Supported
PPM - Project Budgets	Supports the project, task structure, project types, expenditure categories, expenditure types, nonlabor resources, work types, class categories, class codes, project class codes, awards, award personnel, institution, award funding source, planning options, and plan lines descriptive flexfields.
PPM - Project Forecasts	Supports the project, task structure, project types, expenditure categories, expenditure types, nonlabor resources, work types, class categories, class codes, project class codes, planning options, and plan lines descriptive flexfields.

Project Costing

These descriptive flexfields are supported by Project Costing subject areas.

Subject Area Name	Descriptive Flexfield (DFF) Supported
PPM - Project Costs	Supports the project, task structure, project types, expenditure categories, expenditure types, class categories, class codes, project class codes, nonlabor resource, work type, awards, award personnel, institution, award funding source, project expenditure item, and project costing details descriptive flexfields.
PPM - Project Commitments	Supports the project, task structure, project types, expenditure categories, expenditure types, class categories, class codes, project class codes, work type, awards, award personnel, institution, and award funding source descriptive flexfields.
PPM - Project Assets (Preview)	Supports project, task structure, asset task, asset line task, project types, class categories, class codes, project class codes, expenditure categories and expenditure types descriptive flexfields.

9

Prebuilt

Overview

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

Prebuilt Analyses

Overview

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

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

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

Assets

Analyses Detail	Analyses Description	Related Subject Areas
Assets Activity Analysis	Summarizes the assets transactions activity, trend analysis, and details by asset book, and period.	Financials - Assets Analysis

Expenses

Analyses Detail	Analyses Description	Related Subject Areas
Employee Expense Analysis for Department Heads/Managers	analyze employee expense trend for last 12 months, Provides count of expense reports with policy violation by cost center, and also expense amounts by manager for current quarter.	Financials - EXM Employee Expenses
Employee Expense Audit Analysis	Provides five quarter overview of expense by audit type and current quarter view by receipt status and Source.	Financials - EXM Employee Expenses

Analyses Detail	Analyses Description	Related Subject Areas
Employee Expense Analysis by Type	Provides five quarter analysis of expenses by type and current quarter view of expense by cost center and merchant.	Financials - EXM Employee Expenses

General Ledger

Analyses Detail	Analyses Description	Related Subject Areas
Revenue Analysis	Focuses on the top line of the business or gross sales from operations. It uses the revenue metric from the GL profitability subject area.	Financials - GL Profitability
Operating Expense Analysis	Records the operating expenses incurred by the business in day-to-day operations. It helps finance executives optimize the overall OpEx for improved profitability. It uses the OpEx metric for the GL profitability subject area.	Financials - GL Profitability
Cost of Revenue Analysis	Represents the direct costs of production of the goods or supply of services incurred by the business. It uses the cost of revenue metric from the GL profitability subject area.	Financials - GL Profitability
Capex Analysis	Records the capital expenses that contribute value to the property, plant, and equipment (PPE) asset base of the business. It tracks the net addition to the PPE using period activity for the fixed asset accounts tagged to the CapEx metric. It uses the CapEx metric from the GL balance sheet subject area.	Financials - GL Profitability
EBITDA Analysis	Records the net income or earnings of the business, before removing interest, taxes, depreciation, and amortization. It represents enterprise profitability without removing the financing and capital expenditure costs. It uses the EBITDA metric from the GL profitability subject area.	Financials - GL Profitability
Receivables Analysis	Records the aggregate amount owed to the business by its customers, based on due amounts against underlying invoices. It constitutes the primary source of incoming cash flow for the business. It uses the accounts receivable metric from the GL balance sheet subject area.	Financials - GL Balance Sheet

Analyses Detail	Analyses Description	Related Subject Areas
Net Income Analysis	Records the final profit earned by the business after removing all the expenses and taxes from the gross income. It's used to calculate earnings per share. It uses the net income metric from GL profitability subject area.	Financials - GL Profitability
Payables Analysis	Records the amounts owed by the business to its creditors or suppliers. It appears on the balance sheet under current liabilities. It uses the accounts payable metric from GL balance sheet subject area.	Financials - GL Balance Sheet
Cash Position Analysis	Records the amount of cash held by the business at a specific point in time. It determines financial strength and liquidity of the business. It uses the total cash metric from GL balance sheet subject area.	Financials - GL Balance Sheet
Gross Income Analysis	Represents the amount of profit generated from revenue after adjusting the cost of revenue. It's used to derive gross profit margin which is the percentage of gross profit in comparison to sales. It uses the gross income metric from GL profitability subject area.	Financials - GL Profitability
Payroll Cost Analysis	Analyzes payroll-related expenses incurred by the business. It includes salaries, payroll-related taxes, employers contribution towards facilities, employee benefits, welfare, social security, etc. It uses the payroll cost metric from GL profitability subject area.	Financials - GL Profitability
Net Working Capital	Records the value of current assets available to the business to settle all of its short-term financial obligations. It uses the net working capital metric from GL balance sheet subject area.	Financials - GL Balance Sheet
Asset Analysis	Focuses on the capital assets held by the business in the form of PPE, Intangible assets, and so on. It involves calculation of earnings potential, use, and useful life of fixed assets.	Financials - GL Balance Sheet
Balance Sheet Analysis	Involves analyzing the assets, liabilities, and equity of the business. It is conducted at regular intervals of time, for example, annually, quarterly, or monthly.	Financials - GL Balance Sheet

Analyses Detail	Analyses Description	Related Subject Areas
Profitability Analysis	Gives insights into the profitability of the business at different stages. It helps understand the operational and financial costs that affect profitability. It involves analysis of gross profit, operating profit, EBITDA, EBIT, EBT, PAT, and margin % in the context of revenue.	Financials - GL Profitability
Profitability Dashboard	Provides executive insights into the income statement of the business. It uses key headline indicators and income expense summary.	Financials - GL Profitability
Balance Sheet Dashboard	Provides executive insights into the assets and liabilities of the business. It uses key headline indicators and underlying accounts summary.	Financials - GL Balance Sheet
GL Variance Analysis	Summarises the variance analysis for profit and loss statement related accounts and key metrics based on GL budgets information.	Financials - GL Profitability

Payables

Analyses Detail	Analyses Description	Related Subject Areas
AP Transactions Activity Analysis	Summarizes the analysis of AP transactions activity for both invoices and payments. It Provides trend analysis by period.	Financials - AP Invoices, Financials - AP Payments
AP Open Invoices Analysis	Summarizes the analysis of open AP invoices by aging, due vs. overdue, and so on.	Financials - AP Aging
AP Balances Analysis	Summarizes the analysis of AP balances by amounts due in upcoming months for the top 10 suppliers. It Provides trend analysis by period.	Financials - AP Aging
AP Payments Analysis	Summarizes the analysis of AP payments and on time payment statistics. It Provides trend analysis by period.	Financials - AP Payments
AP Liabilities Analysis (LC)	Provides summary of GL balances, Journal activity, and AP liabilities balance in ledger currency by account, and period. Identify open invoices, balances by suppliers, and view trend analysis. User will need to have access to Financials - GL balance sheet, and Financials - GL detail transactions subject areas in addition to Financials - AP liabilities in order to use this analyses.	Financials - AP Liabilities

Analyses Detail	Analyses Description	Related Subject Areas
AP Aging Analysis (LC)	Provides summary of AP aging by suppliers, monthly trend of overdue Amounts, and details by aging buckets. This analysis is in ledger currency.	Financials - AP Aging

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
Procurement Spend Supplier Overview	Provides an overview of suppliers in terms of Key suppliers spend, Supplier Tail spend, and Suppliers Count.	Procurement - Spend
Procurement Spend Category Overview	Provides an overview of categories spend, counts, and other details.	Procurement - Spend
Procurement Department Efficiency Analysis	Provides insights on procurement department efficiency with metrics like approval counts, amendment counts, and cycle time in days.	Procurement - Purchase Orders
Supplier Shipment Analysis	Provides insights on supplier shipments by early shipment, late shipment, ASN receipts, and other details.	Procurement - Receipts
Purchase Agreement Analysis	Summarizes the analysis on purchase agreement for both contract purchase agreements and blanket purchase agreements. Provides insights on agreement trends, expiring agreement, cycle time, and release amount range.	Procurement - Agreements
Procurement Performance Analysis	Summarizes the performance analysis from requisitions to receipts. Provides insights on past due, rejections, cancellations, and over received quantity % by different dimensions.	Procurement - Purchase Orders, Procurement - Requisitions
Purchase Order Spend Categories Analysis	Provides an insight on PO matched spend, Non-agreement spend, Agreement leakages and related metrics by categories, business unit, and period.	Procurement - Spend
Purchase Order Spend Suppliers Analysis	Provides an insight on PO matched spend, Non-agreement spend, Agreement leakages and related metrics by supplier, business unit, and period.	Procurement - Spend

Analyses Detail	Analyses Description	Related Subject Areas
Purchase Order Spend Analysis	Provides an insight on PO matched spend, Non-agreement spend, Agreement leakages and related metrics by supplier, business unit, and period.	Procurement - Spend

Project Billing

Prebuilt Analyses

Analyses Detail	Analyses Description	Related Subject Areas
Project Revenue Analysis	Provides trend of revenue by time, and analysis by top 10 customers, project organizations, and projects. This analysis is in ledger currency.	PPM - Project Revenue
Project Revenue Account Analysis	Provides project accountants ability to view revenue distributions by GL account and period. Also, helps identify unaccounted distributions for processing. This analysis is in ledger currency.	PPM - Project Revenue
Project Margin Analysis	Provides visibility of project margin trend by time, project manager, project organization, and ability to drill down to project details. This analysis is in ledger currency.	PPM - Project Revenue
Project Contract Analysis	Provides ability to analyze project contracts, identify unallocated contracts, and contracts with backlog amounts. This analysis is in analytic currency.	PPM - Project Funding
Project Invoice Analysis	Provides ability to analyze Invoice amounts by period, invoice type, contract, customer and projects in ledger currency. This is restricted to project invoices that are accepted in receivables.	PPM - Project Invoices
Project Budget vs Actuals Analysis	Provides insights into Projects that are not meeting the expectations in the Budgeted Cost, Revenue, and Margin. This is in Project Ledger Currency.	PPM - Project Budgets, PPM - Project Costs, PPM - Project Revenue
Project Labor Cost and Revenue Analysis	Helps with Labor analysis providing insights into the Billability of resources working on Projects. This project is in Ledger Currency.	PPM - Project Costs, PPM - Project Revenue

Project Control

Prebuilt Analyses

Analyses Detail	Analyses Description	Related Subject Areas
Project Budget Cost Variance Analysis	Compare project budget costs with actuals and analyze the variance. Also, analyze the variance between original and current versions of approved cost budget. This analysis is in project ledger currency.	PPM - Project Budget
Project Forecast Margin Analysis	Analyze project forecast costs, revenue, margin over a period of time. Compare projects forecast current margin with original and prior to identify variance. This analysis is in project ledger currency.	PPM - Project Forecast
Project Budget Revenue Variance Analysis	Compare project budget revenue with actuals and analyze the variance. Also, analyze the variance between original and current versions of approved revenue budget. This report is in project ledger currency.	PPM - Project Budgets, PPM - Project Revenue

Project Costing

Prebuilt Analyses

Analyses Detail	Analyses Description	Related Subject Areas
Project Cost Analysis	Provides project cost trend for last 12 months and helps analyze costs and billability by project organization, project type, expenditure organization and expenditure category. This analysis is in project ledger currency.	PPM - Project Costs
Project Cost Account Analysis	Provides summary and detailed view of project cost accounting distributions by GL account and distribution accounting fiscal period. Also Provides details on unaccounted cost distributions.	PPM - Project Costs
Cost Account Analysis by Project	Provides summary and detailed view of project cost accounting distributions by project. Also Provides details on unaccounted cost distributions.	PPM - Project Costs

Analyses Detail	Analyses Description	Related Subject Areas
Project Commitment Cost Analysis	Provides insights into the future obligations by Project, Time, Expenditure Category, Expenditure Organizations, and type. This is in Project Ledger Currency.	PPM - Project Commitments

Receivables

Analyses Detail	Analyses Description	Related Subject Areas
AR Transactions Activity Analysis	Summarizes the AR transactions activity and Provides trend analysis by period.	Financials - AR Transactions

Prebuilt Business Metrics

Overview

These are measurements that define and track specific business goals and objectives that often roll up into larger organizational strategies that require monitoring, improvement, and evaluation. Predefined business metrics allow a user to view business performance and drill into the details to understand why a value may be off the target.



Note:

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

Assets

Business Metric Name	Business Metric Description	Related Subject Areas
Assets Current Cost (LC)	Shows the current cost of assets.	Financials - Assets Analysis
Assets Net Book Value (LC)	Show the net book value of assets.	Financials - Assets Analysis
Assets Depreciation Reserve Ratio	Shows the ratio of depreciation reserve to the current cost of asset.	Financials - Assets Analysis
Assets Average Asset Life - Years	Indicates the average life of assets in years.	Financials - Assets Analysis
Assets Average Remaining Life - Years	Indicates the average remaining life of assets in years.	Financials - Assets Analysis
Assets Cost (LC)	Shows the cost of assets.	Financials - Assets Transactions
Assets CIP Cost (LC)	Shows the cost for CIP assets.	Financials - Assets Transactions
Assets Depreciation Expense (LC)	Shows the amount of depreciation charge incurred for the assets.	Financials - Assets Transactions

Business Metric Name	Business Metric Description	Related Subject Areas
Assets Depreciation Reserve (LC)	Shows the amount of accumulated depreciation amount for the assets.	Financials - Assets Analysis
Assets Impairment Expense (LC)	Shows the amount of Impairment expense incurred for the assets.	Financials - Assets Transactions
Assets Proceeds of Sale (LC)	Show the Sale Proceed amount for the assets.	Financials - Assets Transactions
Assets Revaluation Reserve (LC)	Show the Revaluation Reserve amount for the assets.	Financials - Assets Transactions

Expenses

Business Metric Name	Business Metric Description	Related Subject Areas
Employee Expense Report Amount	Shows the total amount of Employee expense Reports in invoiced, Paid and/or Partially Paid status.	Financials - EXM Employee Expenses
Employee Expense Report Count	Shows the total number of Employee expense Reports in invoiced, Paid and/or Partially Paid status.	Financials - EXM Employee Expenses
Employee Expense Manual Audit Percentage	Shows the percentage of expense reports that were manually audited.	Financials - EXM Employee Expenses
Employee Expense Average Days Late	Shows the average days delayed to submit the employee expense report.	Financials - EXM Employee Expenses
Employee Expense Approval Cycle Time	Shows the time taken in days to approve an employee expense report after it is submitted.	Financials - EXM Employee Expenses
Employee Expense Reimbursement Cycle Time	Shows the number of days it takes to reimburse an employee expense report after it is submitted.	Financials - EXM Employee Expenses

General Ledger

Business Metric	Business Metric Name	Key Metric Description	Related Subject Areas
Gross Margin %	Indicates the gross profit expressed as a percentage of revenue.	Financials - GL Profitability	
Inventory	Indicates the inventory on-hand balance for a given period and shows the trend over a period of time.	Financials - GL Balance Sheet	
Net Working Capital	Calculates the assets currently available to meet short-term financial obligations from the net of total current assets and total current liabilities.	Financials - GL Balance Sheet	

Business Metric	Business Metric Name	Key Metric Description	Related Subject Areas
Days Inventory Outstanding	Indicates efficiency by measuring the average number of days the company holds inventory before selling it.	Financials - GL Balance Sheet	
Current Ratio	Indicates liquidity that is calculated by dividing the company's current assets by its current liabilities.	Financials - GL Balance Sheet	
Inventory Turnover Ratio	Measures how often the company is able to sell off its entire inventory in a given year.	Financials - GL Balance Sheet, Financials - GL Profitability	
Debt to Equity Ratio	Represents the capital structure of the company and is calculated as the proportion of debt to the owner's equity.	Financials - GL Balance Sheet	
Quick Ratio	Measures the ability of the organization to quickly convert current assets to cash to meet short-term financial obligations.	Financials - GL Balance Sheet	
Cash Conversion Cycle	Indicates the number of days the company takes to convert its resources into actual cash flows.	Financials - GL Balance Sheet	
Days Cash in Hand	Indicates the number of days the organization can continue to pay its operating expenses with the amount of cash available.	Financials - GL Balance Sheet	
Fixed Assets Turnover Ratio	Indicates the efficiency of the company by comparing the net revenue to the investments in fixed assets, that is, the net of accumulated depreciation.	Financials - GL Balance Sheet	
EBITDA Margin %	Indicates the operating profitability of the company and is measured by dividing the earnings before interest, taxes, depreciation, and amortization (EBITDA) by total revenue.	Financials - GL Profitability	
AP Turnover (GL)	Indicates the efficiency of the company and is calculated by dividing net credit sales by the average accounts receivable for the period.	Financials - GL Profitability	

Business Metric	Business Metric Name	Key Metric Description	Related Subject Areas
Net Income	Indicates the final profit amount for the company after removing all the expenses from the revenue.	Financials - GL Profitability	
AP Turnover Rate	Indicates liquidity by determining the company's ability to pay off its accounts payable by comparing net credit purchases to the account payables.	Financials - GL Profitability	
Cost of Revenue to Revenue %	Measures profitability by calculating the portion of revenue that is used to pay off all the costs directly associated to the revenue being generated.	Financials - GL Profitability	
Return on Equity	Measures profitability by comparing the company's profit to the total amount of shareholder equity reported on the balance sheet.	Financials - GL Profitability	
Return on Assets	Determines how profitable the company is relative to its total assets.	Financials - GL Profitability	
Total Assets	Indicates the aggregate value of all the assets owned by the company which includes current and noncurrent assets.	Financials - GL Balance Sheet	
Total Liabilities	Indicates the aggregate value of all the liabilities owned by the company, including the shareholders' fund, current liabilities, and long term liabilities.	Financials - GL Balance Sheet	
Revenue	Analyzes the top line of business from operations over a period of time on various parameters supported by the general ledger chart of accounts.	Financials - GL Profitability	
Operating Expense Ratio (OER)	Measures operational efficiency of the company by comparing the operating expenses to the operating revenue.	Financials - GL Profitability	
Opex	Analyzes the various expenses a company needs to pay to operate over a period of time.	Financials - GL Profitability	

Business Metric	Business Metric Name	Key Metric Description	Related Subject Areas
Receivables	Shows the current receivables outstanding amount and the trend over a period of time.	Financials - GL Balance Sheet	
Payables	Indicates current liabilities to suppliers and other creditors and shows the trend over a period of time.	Financials - GL Balance Sheet	
Capex	Indicates the amount of money a company spends towards capital assets for operating capacity expansion.	Financials - GL Balance Sheet	
Total Cash	Indicates current cash position of the organization and shows the trend over a period of time.	Financials - GL Balance Sheet	
Gross Income	Shows the gross profitability derived from revenue, cost of goods sold, and the trend over a period of time.	Financials - GL Profitability	
EBITDA	Indicates operating performance of the company before adjusting non-cash expenses for depreciation and amortization.	Financials - GL Profitability	
Cost Of Revenue	Indicates the direct cost of elements that attribute to revenue.	Financials - GL Profitability	
Days Sales Outstanding	Displays the days sales outstanding for the organization and shows the trend over a period of time.	Financials - GL Balance Sheet	
Days Payables Outstanding (GL)	Indicates the average number of days an organization takes to pay its dues and invoices to its suppliers or vendors.	Financials - GL Balance Sheet	
Net Income Margin	Indicates the net income of the business expressed as a percentage of revenue.	Financials - GL Profitability	
Payroll Cost	Shows the total payroll cost for the organization.	Financials - GL Profitability	
R&D Expenses	Shows the activities amount in a period range for other R&D expenses and R&D payroll.	Financials - GL Profitability	

Business Metric	Business Metric Name	Key Metric Description	Related Subject Areas
Sales & Marketing Expenses	Shows the activities amount in a period range for Marketing payroll, Sales payroll, other expenses, freight, other sales expenses, and travel and entertainment expenses.	Financials - GL Profitability	
Operating Profit	Shows the value by subtracting cost of revenue and total operating expenses from revenue.	Financials - GL Profitability	
Operating Margin %	Indicates the operating margin percentage expressed as a percentage of operating profit by revenue.	Financials - GL Profitability	
Depreciation Expenses	Shows the activities amount for a period range for depreciation expenses.	Financials - GL Profitability	
Interest Expense	Shows the activities amount for a period range for interest expense.	Financials - GL Profitability	
Income Tax Expense	Shows the activities amount for a period range for income tax expense.	Financials - GL Profitability	
Current Assets	Indicates the sum of cash, inventories, prepaid expenses, other current assets, accounts receivable and deferred cost of goods sold.	Financials - GL Balance Sheet	
Current Liabilities	Indicates the sum of accrued liabilities, short term borrowing, other current liabilities, accounts payable, deferred revenue and tax liabilities.	Financials - GL Balance Sheet	
Retained Earnings	Shows the balance amount for a period range for retained earnings.	Financials - GL Balance Sheet	
Total Shareholders Funds	Indicates the sum of preferred stock, common stock, retained earnings and other equity.	Financials - GL Balance Sheet	

Payables

Business Metric Name	Business Metric Description	Related Subject Areas
AP Invoices Processed	Shows the amount of AP invoices processed for the period.	Financials - AP Invoices
AP Outstanding	Shows the amount of AP balances that are outstanding for the period.	Financials - AP Aging

Business Metric Name	Business Metric Description	Related Subject Areas
AP Overdue	Shows the amount of AP balances overdue for the period.	Financials - AP Aging
AP Due in 30 Days	Shows the amount of AP invoices due for payment in next 30 days, including the overdue amount.	Financials - AP Aging
AP Payments Processed	Shows the amount of AP payments processed for the period.	Financials - AP Payments
AP Average Supplier Payment Days	Shows the average number of days taken to pay the supplier invoices.	Financials - AP Payments
On Time Payment Performance	Shows the percentage of invoices paid within due date.	Financials - AP Payments
AP Transactions Processed	Shows the invoice amount including the credit memo and debit memo invoice type.	Financials - AP Invoices
AP Transactions Count	Shows the invoices count including the credit memo and debit memo invoice type.	Financials - AP Invoices
AP Activity Amount	Shows the activities amount of the specified accounts that can be aggregated by business unit, supplier, supplier site, and time.	Financials - AP Aging, Financials - AP Invoices
AP Days Payables Outstanding	Indicates the average number of days an organization takes to pay its dues and invoices to its suppliers or vendors.	Financials - AP Aging, Financials - AP Invoices
AP Turnover	Shows the ratio that evaluates how fast a company pays off its suppliers.	Financials - AP Aging
AP Aging By Invoice Date	Shows the aging amount for the open invoices based on invoice open date grouped by selected aging period.	Financials - AP Aging, Financials - AP Invoices
AP Aging By Schedule Date	Shows the aging amount for the open invoices based on Schedule date grouped by selected aging period.	Financials - AP Aging, Financials - AP Invoices
AP Discount Offered	Shows the discount offered amount excluding the credit memo and debit memo invoice type.	Financials - AP Invoices
AP Discount Offered %	This business metric is computed as follows: (discount offered amount / invoices amount) * 100.	Financials - AP Invoices
AP Avg Days Outstanding	This business metric is computed as follows: total number of days invoice outstanding / total outstanding invoices count. This is based on invoice date.	Financials - AP Aging, Financials - AP Invoices
AP Current Due	Shows the invoices amount which are yet to cross the schedule due date.	Financials - AP Aging, Financials - AP Invoices
AP Current Invoices Count	Shows the invoices count which are yet to cross the schedule due date. The grain for this is invoice payment schedule.	Financials - AP Aging, Financials - AP Invoices

Business Metric Name	Business Metric Description	Related Subject Areas
AP Avg Days Current	This business metric is computed as follows: total number of days before due date / current invoices count. This is based on schedule date.	Financials - AP Aging, Financials - AP Invoices
AP Current Due to Total Outstanding %	This business metric is computed as follows: (current amount / total outstanding amount) * 100.	Financials - AP Aging, Financials - AP Invoices
AP Overdue Invoices Count	Shows the invoices count which has crossed the schedule due date. The grain for this is invoice payment schedule.	Financials - AP Aging, Financials - AP Invoices
AP Avg Days Overdue	This business metric is computed as follows: total number of days invoice overdue / overdue invoices count. This is based on schedule date.	Financials - AP Aging, Financials - AP Invoices
AP Overdue to Total Outstanding %	This business metric is computed as follows: (overdue amount / total outstanding amount) * 100.	Financials - AP Aging, Financials - AP Invoices
AP Average Payment	This business metric is computed as follows: (payments amount / payments count) * 100. And grain is payments or check number.	Financials - AP Payments
AP Payments Count	Shows the payments count and grain is payments or check number.	Financials - AP Payments
AP Overdue Payments	Shows the amount of payment transactions where the payment date exceeds the scheduled payment date and the payment schedule status is fully paid or partly paid. Excludes cancelled payments and considers all invoice types.	Financials - AP Payments
AP Overdue Payments Count	Shows the count of payment transactions where the payment date exceeds the scheduled payment date and the payment schedule status is fully paid or partly paid. Excludes cancelled payments and considers all invoice types.	Financials - AP Payments
AP On Time Payments	Shows the amount of payment transactions where the payment date is lesser than or equal to the scheduled payment date and payment schedule is fully paid. Excludes cancelled payments and considers all invoice types.	Financials - AP Payments
AP On Time Payments Count	Shows the count of payment transactions where payment date is lesser than or equal to scheduled payment date and payment schedule is fully paid. Excludes cancelled payments and considers all invoice types.	Financials - AP Payments

Business Metric Name	Business Metric Description	Related Subject Areas
AP Weighted Avg Supplier Payment Days	This business metric is computed as follows: total payment days times payment amount / total payment amount.	Financials - AP Payments
AP Interest Penalties Paid	Shows the payment amount for invoices with the Interest invoice type.	Financials - AP Payments
AP Discount Taken	Shows the discount amount taken for the invoice payments.	Financials - AP Payments
AP Discount Taken %	This business metric is computed as follows: (discount taken amount / invoices amount) * 100. This metric will provide correct value only when used with common or pillar specific dimensions.	Financials - AP Payments
AP Expense Amount	Shows the invoice expense distribution amount for AP invoices and considers all invoice types. Excludes cancelled distributions.	Financials - AP Expenses, Financials - AP Invoices
AP Total Holds Count	Shows the total number of holds applied on invoice headers and lines. This business metric considers only active holds which are without release details.	Financials - AP Holds
AP Average Days on Hold	This business metric is computed as follows: (Sum (Release Date - Hold Date) / total number of holds applied on invoice headers and lines considering active and release holds). The active holds are without release details and use the system date if the release date is not available.	Financials - AP Holds
AP % Interest Penalties Paid	This business metric is computed as follows: (Interest Penalties Paid / payment amount) * 100.	Financials - AP Payments
AP Liability Amount	Shows the invoice amount by Liability account.	Financials - AP Liability
AP Invoices on Hold	Shows the invoice amount and considers all invoice types that have either Header Level Hold, Line Level Hold, or a combination. This business metric considers only active holds that don't have release details.	Financials - AP Holds
AP Invoices on Hold Count	Shows the invoice count and considers all invoice types that have either Header Level Hold, Line Level Hold, or a combination. This business metric considers only active holds that don't have release details.	Financials - AP Holds
AP Invoice Lines on Hold	Shows the invoice line amount which has line level hold and considers all invoice types. This business metric considers only active holds which don't have release details.	Financials - AP Holds

Business Metric Name	Business Metric Description	Related Subject Areas
AP Hold Release Amount	Shows the invoice amount and considers all invoice types that have either header level hold, line level hold, or a combination. This business metric considers only active holds that are released.	Financials - AP Holds
AP Header Hold Release Amount	Shows the invoice amount and considers all invoice types that have Header Level Hold. This business metric considers active holds that are released.	Financials - AP Holds
AP Lines Hold Release Amount	Shows the invoice line amount which had line level hold and considers all invoice types. This business metric considers active holds that are released.	Financials - AP Holds
AP Header Holds count	Shows the header hold count which has header level hold and considers all invoice types. This business metric considers only active holds which don't have release details.	Financials - AP Holds
AP Line Holds count	Shows the line hold count which has line level hold and considers all invoice types. This business metric considers only active holds which don't have release details.	Financials - AP Holds

Receivables

Business Metric Name	Business Metric Description	Related Subject Areas
AR Invoices Processed	Shows the amount of AR invoices processed during the period.	Financials - AR Transactions
AR Transactions Processed	Shows the sum of invoice amount, debit memos amount and credit memos amount.	Financials - AR Transactions
AR Transactions Count	Shows the distinct count of invoice numbers.	Financials - AR Transactions
AR Receipts	Shows the receipts amount from the customers.	Financials - AR Receipts and Applications
AR Receipts Count	Shows the distinct count of receipts numbers.	Financials - AR Receipts and Applications
AR Unapplied Receipts	Shows receipt amount from the customers that are unapplied against outstanding invoices.	Financials - AR Receipts and Applications
AR Outstanding	Shows the outstanding invoice amount which includes current and overdue invoices.	Financials - AR Aging
AR Avg Days Outstanding	This business metric is computed as follows: total number of days invoice outstanding / total outstanding invoices count. This is based on invoice date.	Financials - AR Aging

Business Metric Name	Business Metric Description	Related Subject Areas
AR Current Due	Shows the invoices amount which are yet to cross the schedule due date.	Financials - AR Aging
AR Overdue	Shows the invoices amount which has crossed the schedule due date.	Financials - AR Aging
AR Avg Days Overdue	This business metric is computed as follows: total number of days invoice overdue / overdue invoices count. This is based on schedule date.	Financials - AR Aging
AR Revenue Amount	Shows the revenue distribution amount that is recognized.	Financials - AR Revenue
AR Unidentified Amount	Shows the unidentified receipts transaction amount.	Financials - AR Receipts and Applications
AR Average Invoices Amount	This business metric is computed as follows: invoices amount / invoices count.	Financials - AR Transactions
AR Debit Memos Amount	Shows the invoice amount for the debit memo transaction class.	Financials - AR Transactions
AR Credit Memos Amount	Shows the invoice amount for the credit memo transaction class.	Financials - AR Transactions
AR Average Receipts Amount	This business metric is computed as follows: Receipts amount / Receipts count.	Financials - AR Receipts and Applications
Receipts Applications Amount	Shows the receipt amount from the customers applied against outstanding invoices.	Financials - AR Receipts and Applications
On Account Amount	Shows the receipt amount applied to On-Account activity when customer is found.	Financials - AR Receipts and Applications
AR Revenue Amount	Shows the recognized revenue distribution amount.	Financials - AR Revenue
AR Distribution Amount	Shows the distribution amount.	Financials - AR Revenue
Unearned Revenue Amount	Shows the unearned revenue distribution amount that is yet to be recognized.	Financials - AR Revenue
AR Freight Amount	Shows the freight distribution amount.	Financials - AR Revenue
AR Tax Amount	Shows the tax distribution amount.	Financials - AR Revenue
Long Term Deferred Revenue	Shows the Deferred or Unearned Revenue distribution amount that will be recognized after 365 days from the current system date.	Financials - AR Revenue
Short Term Deferred Revenue	Shows the Deferred or Unearned Revenue distribution amount that will be recognized within 365 days from the current system date.	Financials - AR Revenue
AR Activity Amount	Shows the activities amount of the specified accounts which can be aggregated by business unit, Customer, Customer Account, and time.	Financials - AR Aging

Business Metric Name	Business Metric Description	Related Subject Areas
AR Aging By Invoice Date	Shows the aging amount for the open invoices based on invoice open date grouped by selected aging period.	Financials - AR Aging
AR Aging By Schedule Date	Shows the aging amount for the open invoices based on Schedule date grouped by selected aging period.	Financials - AR Aging
AR Total Outstanding Invoices Count	Shows the count of outstanding invoices.	Financials - AR Aging
AR Current Invoices Count	Shows the invoices count which are yet to cross the schedule due date.	Financials - AR Aging
AR Avg Invoice Days Current	This business metric is computed as follows: total number of days before due date / current invoices count. This is based on schedule date.	Financials - AR Aging
AR Current Due to Total Outstanding %	This business metric is computed as follows: (current amount / total outstanding amount) * 100.	Financials - AR Aging
AR Current Count to Total Outstanding %	This business metric is computed as follows: (current invoices count / total outstanding invoices count) * 100.	Financials - AR Aging
AR Overdue Invoices Count	Shows the invoices count which has crossed the schedule due date.	Financials - AR Aging
AR Overdue to Total Outstanding %	This business metric is computed as follows: (overdue amount / total outstanding amount) * 100.	Financials - AR Aging
AR Overdue Count to Total Outstanding %	This business metric is computed as follows: (overdue invoices count / total outstanding invoices count) * 100.	Financials - AR Aging
AR Credit Memo Applications Amount	Shows the credit memo applications amount. This considers credit memo with Application Status as Applied, and credit memo Reversals with Application Status as Activity.	Financials - AR Credit Memo Applications
AR Credit Memo Applications Count	Shows the credit memo applications count. This considers credit memo with Application Status as Applied, and credit memo Reversals with Application Status as Activity.	Financials - AR Credit Memo Applications
AR Adjustments	Shows the adjustments amount that is adjusted to the invoices, debit memos, chargebacks, onaccount credits, deposits, and guarantees.	Financials - AR Adjustments
AR Adjustments Count	Shows the adjustments count that is adjusted to the invoices, debit memos, chargebacks, onaccount credits, deposits, and guarantees.	Financials - AR Adjustments

Procurement

Business Metric Name	Business Metric Description	Related Subject Areas
Spend	Shows the Spend amount during a period.	Procurement - Spend
Addressable Spend	Shows the Addressable amount during a period.	Procurement - Spend
PO Matched Spend	Shows PO Matched amount during a period.	Procurement - Spend
Agreement Spend	Shows Agreement Spend amount during a period.	Procurement - Spend
Non Agreement Spend	Shows Non Agreement Spend amount during a period.	Procurement - Spend
Negotiated Spend	Shows Negotiated Spend amount during a period.	Procurement - Spend
Non Negotiated Spend	Shows Non Negotiated Spend amount during a period.	Procurement - Spend
Agreement Leakage Spend	Shows Agreement Leakage Spend amount during a period.	Procurement - Spend
Suppliers Count	Distinct count of suppliers on invoices.	Procurement - Spend
Buyer Count	Distinct count of Buyers on Purchase Orders.	Procurement - Spend
Others Non Agreement Spend	Others Non Agreement Spend amount during a period.	Procurement - Spend
Average Spend Per Invoice	Average Spend per invoice amount during a period.	Procurement - Spend
Electronic Invoices Count	Invoices count where invoices aren't created manually.	Procurement - Spend
Invoices Count	Invoices count during a period.	Procurement - Spend
Manual Invoices Count	Invoices count where invoices are created manually.	Procurement - Spend
Purchase Orders Count	Purchase Order count during a period.	Procurement - Spend
PO Matched Invoices Count	Invoices count with Purchase Order reference.	Procurement - Spend
PO Matched Spend %	Shows PO Matched Spend % during a period.	Procurement - Spend
Agreement Spend %	Shows Agreement Spend by PO Matched Spend % during a period.	Procurement - Spend
Negotiated Spend %	Shows Negotiated Spend by PO Matched Spend % during a period.	Procurement - Spend
PO Ordered Quantity	This business metric is calculated as sum of quantity net of cancelled quantity at distribution level.	Procurement - Purchase Orders
PO Cancelled Quantity	This business metric is calculated as sum of cancelled quantity at distribution level.	Procurement - Purchase Orders
PO Consignment Quantity	This business metric is calculated as sum of consigned quantity at distribution level.	Procurement - Purchase Orders

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

Business Metric Name	Business Metric Description	Related Subject Areas
Negotiation to PO Cycle Time	This business 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 business 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 business metric is calculated as sum of ordered amount at distribution level inclusive of inclusive taxes.	Procurement - Purchase Orders
PO Total Exclusive Tax Amount	This business metric is calculated as sum of total exclusive tax amount at distribution level.	Procurement - Purchase Orders
PO Total Amount	This business metric is calculated as sum of total amount at distribution level.	Procurement - Purchase Orders
PO Non Recoverable Tax Amount	This business metric is calculated as sum of non recoverable tax amount at distribution level.	Procurement - Purchase Orders
PO Recoverable Tax Amount	This business metric is calculated as sum of recoverable tax amount at distribution level.	Procurement - Purchase Orders
PO Non Recoverable Inclusive Tax Amount	This business metric is calculated as sum of non recoverable inclusive tax amount at distribution level.	Procurement - Purchase Orders
PO Delivered Amount	This business metric is calculated as sum of delivered amount at distribution level.	Procurement - Purchase Orders
PO Billed Amount	This business metric is calculated as sum of billed amount at distribution level.	Procurement - Purchase Orders
PO Cancelled Amount	This business metric is calculated as sum of cancelled amount at distribution level.	Procurement - Purchase Orders
PO Accepted Amount	This business metric is calculated as sum of accepted amount at schedule level.	Procurement - Purchase Orders
PO Accepted Rate	This business metric is calculated as sum of accepted amount divided by sum of received amount at schedule level.	Procurement - Purchase Orders
PO Received Amount	This business metric is calculated as sum of received amount at schedule level.	Procurement - Purchase Orders

Business Metric Name	Business Metric Description	Related Subject Areas
PO Avg Unit Price	This business metric is calculated as sum of ordered amount excluding inclusive taxes divided by sum of ordered quantity.	Procurement - Purchase Orders
PO Max Unit Price	This business 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 business 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 business metric is calculated as sum of ordered amount divided by count of distinct purchase orders.	Procurement - Purchase Orders
PO Negotiated Amount	This business metric is calculated as sum of negotiated amount at distribution level.	Procurement - Purchase Orders
Over Receipt Amount	This business metric is calculated as sum of over receipt amount at schedule level.	Procurement - Purchase Orders
PO Invoice Price Variance	This business metric is calculated by deducting the purchase order price from the invoice price.	Procurement - Purchase Orders, Procurement - Spend
PO Receipt Received Quantity	This business metric is calculated as sum of received quantity.	Procurement - Receipts
PO Receipt Accepted Quantity	This business metric is calculated as sum of accepted quantity.	Procurement - Receipts
PO Receipt Delivered Quantity	This business metric is calculated as sum of delivered quantity.	Procurement - Receipts
PO Receipt Rejected Quantity	This business metric is calculated as sum of rejected quantity.	Procurement - Receipts
PO Receipt Returned Quantity	This business metric is calculated as sum of returned quantity.	Procurement - Receipts
PO Receipt Consumed Quantity	This business 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 business metric is calculated as sum of shipped quantity.	Procurement - Receipts
PO Received Lines On Time %	This business metric is calculated as count of lines received on time divided by count of receipt lines.	Procurement - Receipts
PO Received Lines Late %	This business metric is calculated as count of lines received late divided by count of receipt lines.	Procurement - Receipts

Business Metric Name	Business Metric Description	Related Subject Areas
PO Received Lines Early %	This business metric is calculated as count of lines received early divided by count of receipt lines.	Procurement - Receipts
PO Receipt Lines with Correction Count	This business metric is calculated as count of receipt lines with atleast one correction transaction.	Procurement - Receipts
PO Receipt Lines with Correction %	This business metric is calculated as receipt corrected count divided by receipt line count.	Procurement - Receipts
PO Receipt Lines Rejected Count	This business metric is calculated as count of receipt lines with rejected quantity greater than zero.	Procurement - Receipts
PO Receipt Lines Rejected %	This business metric is calculated as receipt rejected count divided by receipt lines count.	Procurement - Receipts
PO Receipt Lines Accepted Count	This business metric is calculated as count of receipt lines with accepted quantity greater than zero.	Procurement - Receipts
PO Receipt Lines Accepted %	This business metric is calculated as receipt accepted count divided by receipt lines count.	Procurement - Receipts
PO Receipt Lines Returned Count	This business metric is calculated as count of receipt lines with returned quantity greater than zero.	Procurement - Receipts
PO Receipt Lines Returned %	This business metric is calculated as receipt returned count divided by receipt lines count.	Procurement - Receipts
PO Receipt Post Processing Time	This business metric is calculated as average difference between deliver date and receipt date.	Procurement - Receipts
PO Receipt Processing Time	This business metric is calculated as average difference between receipt date and purchase order approval date for version zero.	Procurement - Receipts
PO Receipt Transportation Days	This business 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 business 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 business 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 business metric is calculated as average difference between agreement approval date for version zero and negotiation line creation date.	Procurement - Agreements

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

Business Metric Name	Business Metric Description	Related Subject Areas
PO Agreement Remaining Header Amount %	This business metric is calculated as remaining header amount divided by total header agreed amount.	Procurement - Agreements
PO Agreement Remaining Line Amount	This business 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
PO Agreement Remaining Line Amount %	This business metric is calculated as sum of remaining line amount divided by sum of agreed amount.	Procurement - Agreements
PO Agreement Expired Header Released %	This business 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 business 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 Requisition Amount	Average of unit price at lines. This business metric is calculated as sum of amount at distribution level and excludes reinstate, split, and replaced line status.	Procurement - Agreements Procurement - Requisitions
Processed Requisition Amount	This business metric is calculated as sum of amount at distribution level with requisition lines with processed status. This business metric excludes internal requisition and reinstate, split, and replaced line status.	Procurement - Requisitions
Unfulfilled Requisition Amount	This business metric is calculated as sum of amount at distribution level with requisition lines with unfulfilled status. This business metric excludes internal requisition and reinstate, split, and replaced line status.	Procurement - Requisitions
Fulfilled Requisition Amount	This business metric is calculated as sum of amount at distribution level with requisition lines with fulfilled status. This business metric excludes internal requisition and reinstate, split, and replaced line status.	Procurement - Requisitions
Requisition Quantity	This business metric 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

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

Project Billing

Business Metric Name	Business Metric Description	Related Subject Areas
Project Revenue (LC)	Shows the Project Revenue for External Contracts in Ledger currency.	PPM - Project Revenue
Project Revenue - ITD (LC)	Shows the Project Revenue - ITD for External Contracts in Ledger currency.	PPM - Project Revenue
Contract Revenue (LC)	Shows the Contract Revenue in Ledger currency.	PPM - Project Revenue
Project Margin (PLC)	Shows the Project Margin in Project Ledger currency.	PPM - Project Revenue, PPM - Project Costs
Project Margin - ITD (PLC)	Shows the Project Margin - ITD in Project Ledger currency.	PPM - Project Revenue, PPM - Project Costs
Contract Invoice Amount (LC)	Shows the Invoice amount in Ledger Currency.	PPM - Project Invoices
Project Invoice Amount - ITD (LC)	Shows the Inception to Date Project Invoice amount for External Contracts in Ledger Currency.	PPM - Project Invoices
Project Invoice Amount (LC)	Shows the Project Invoice amount for External Contracts in Ledger Currency.	PPM - Project Invoices
Project Revenue (PLC)	Shows the Project Revenue for External Contracts in Project Ledger currency.	PPM - Project Revenue
Project Revenue - ITD (PLC)	Shows the Project Revenue - ITD for External Contracts in Project Ledger currency.	PPM - Project Revenue

Business Metric Name	Business Metric Description	Related Subject Areas
Project Invoice Amount - ITD (PLC)	Shows the Inception to Date Project Invoice amount for External Contracts in Project Ledger Currency.	PPM - Project Invoices
Project Invoice Amount (PLC)	Shows the Project Invoice amount for External Contracts in Project Ledger Currency.	PPM - Project Invoices

Project Control

Business Metric Name	Business Metric Description	Related Subject Areas
Project Current Forecast Raw Cost - ITD (PLC)	Shows the Inception to date current Primary Forecast Project Raw Cost in Project Ledger currency.	PPM - Project Forecasts
Project Current Forecast Burdened Cost - ITD (PLC)	Shows the Inception to date current Primary Project Forecast Burdened Cost in Project Ledger currency.	PPM - Project Forecasts
Project Current Forecast Revenue - ITD (PLC)	Shows the Inception to date current Primary Forecast Project Revenue in Project Ledger currency.	PPM - Project Forecasts
Project Current Forecast Margin - ITD (PLC)	Shows the Inception to date current Primary Forecast Project Margin in Project Ledger currency.	PPM - Project Forecasts
Project Current Forecast Margin Percentage - ITD	Shows the Inception to date current Primary Forecast Project Margin Percentage.	PPM - Project Forecasts
Project Current Actual Raw Cost (PLC)	Shows the Project Actual Raw Cost from current Primary Forecast Plan version in Project Ledger currency.	PPM - Project Forecasts
Project Current Actual Burdened Cost (PLC)	Shows the Project Actual Burdened Cost from current Primary Forecast Plan version in Project Ledger currency.	PPM - Project Forecasts
Project Current Actual Revenue (PLC)	Shows the Project Actual Revenue from current Primary Forecast Plan version in Project Ledger currency.	PPM - Project Forecasts
Project Current Actual Margin (PLC)	Shows the Project Actual Margin from current Primary Forecast Plan version in Project Ledger currency.	PPM - Project Forecasts
Project Current Actual Margin Percentage	Shows the Project Actual Margin Percentage from current Primary Forecast Plan version.	PPM - Project Forecasts
Project Current ETC Raw Cost (PLC)	Shows the Project Estimate to Complete Raw Cost from current Primary Forecast Plan version in Project Ledger currency.	PPM - Project Forecasts
Project Current ETC Burdened Cost (PLC)	Shows the Project Estimate to Complete Burdened Cost from current Primary Forecast Plan version in Project Ledger currency.	PPM - Project Forecasts

Business Metric Name	Business Metric Description	Related Subject Areas
Project Current ETC Revenue (PLC)	Shows the Project Estimate to Complete Revenue from current Primary Forecast Plan version in Project Ledger currency.	PPM - Project Forecasts
Project Current ETC Margin (PLC)	Shows the Project Estimate to Complete Margin from current Primary Forecast Plan version in Project Ledger currency.	PPM - Project Forecasts
Project Current ETC Margin Percentage	Shows the Project Estimate to Complete Margin Percentage from current Primary Forecast Plan version.	PPM - Project Forecasts
Project Current EAC Raw Cost (PLC)	Shows the Project Estimate at Completion Raw Cost from current Primary Forecast Plan version in Project Ledger currency.	PPM - Project Forecasts
Project Current EAC Burdened Cost (PLC)	Shows the Project Estimate at Completion Burdened Cost from current Primary Forecast Plan version in Project Ledger currency.	PPM - Project Forecasts
Project Current EAC Revenue (PLC)	Shows the Project Estimate at Completion Revenue from current Primary Forecast Plan version in Project Ledger currency.	PPM - Project Forecasts
Project Current EAC Margin (PLC)	Shows the Project Estimate at Completion Margin from current Primary Forecast Plan version in Project Ledger currency.	PPM - Project Forecasts
Project Current EAC Margin Percentage	Shows the Project Estimate at Completion Margin Percentage from current Primary Forecast Plan version.	PPM - Project Forecasts
Project Current Budget Raw Cost - ITD (PLC)	Shows the Inception to date current Approved Budget Project Raw Cost in Project Ledger currency.	PPM - Project Budgets
Project Current Budget Burdened Cost - ITD (PLC)	Shows the Inception to date current Primary Project Forecast Burdened Cost in Project Ledger currency.	PPM - Project Budgets
Project Current Budget Revenue - ITD (PLC)	Shows the Inception to date current Approved Budget Project Revenue in Project Ledger currency.	PPM - Project Budgets
Project Current Budget Margin - ITD (PLC)	Shows the Inception to date current Approved Budget Project Margin in Project Ledger currency.	PPM - Project Budgets
Project Current Budget Margin Percentage - ITD	Shows the Inception to date current Approved Budget Project Margin Percentage.	PPM - Project Budgets
Project Current Budget Raw Cost (PLC)	Shows the Project Raw Cost from current Approved Budget Plan version in Project Ledger currency.	PPM - Project Budgets
Project Current Budget Burdened Cost (PLC)	Shows the Project Burdened Cost from current Approved Budget Plan version in Project Ledger currency.	PPM - Project Budgets

Business Metric Name	Business Metric Description	Related Subject Areas
Project Current Budget Revenue (PLC)	Shows the Project Revenue from current Approved Budget Plan version in Project Ledger currency.	PPM - Project Budgets
Project Current Budget Margin (PLC)	Shows the Project Margin from current Approved Budget Plan version in Project Ledger currency.	PPM - Project Budgets
Project Current Budget Margin Percentage	Shows the Project Margin Percentage from current Approved Budget Plan version.	PPM - Project Budgets
Project Current BAC Raw Cost (PLC)	Shows the Project Budget at Completion Raw Cost from current Approved Budget Plan version in Project Ledger currency.	PPM - Project Budgets
Project Current BAC Burdened Cost (PLC)	Shows the Project Budget at Completion Burdened Cost from current Approved Budget Plan version in Project Budget at Completion Ledger currency.	PPM - Project Budgets
Project Current BAC Revenue (PLC)	Shows the Project Budget at Completion Revenue from current Approved Budget Plan version in Project Budget at Completion Ledger currency.	PPM - Project Budgets
Project Current BAC Margin (PLC)	Shows the Project Budget at Completion Margin from current Approved Budget Plan version in Project Budget at Completion Ledger currency.	PPM - Project Budgets
Project Current BAC Margin Percentage	Shows the Project Budget at Completion Margin Percentage from current Approved Budget Plan version.	PPM - Project Budgets
Project Current Versus Original BAC Raw Cost Variance (PLC)	Shows the Variance between current and/original Approved Budget at Completion Raw Cost in Project Ledger currency.	PPM - Project Budgets
Project Current Versus Original BAC Burdened Cost Variance (PLC)	Shows the Variance between current and/original Approved Budget at Completion Burdened Cost in Project Ledger currency.	PPM - Project Budgets
Project Current Versus Original BAC Revenue Variance (PLC)	Shows the Variance between current and/original Approved Budget at Completion Revenue in Project Ledger currency.	PPM - Project Budgets
Project Current Versus Original BAC Margin Variance (PLC)	Shows the Variance between current and/original Approved Budget at Completion Margin in Project Ledger currency.	PPM - Project Budgets
Project Current Versus Original BAC Margin Percentage Variance	Shows the Variance between current and/original Approved Budget at Completion Margin Percentage.	PPM - Project Budgets

Business Metric Name	Business Metric Description	Related Subject Areas
Project Current Versus Original EAC Raw Cost Variance (PLC)	Shows the Variance between current and/original Estimate at Completion Primary Forecast Raw Cost in Project Ledger currency.	PPM - Project Forecasts
Project Current Versus Original EAC Burdened Cost Variance (PLC)	Shows the Variance between current and/original Estimate at Completion Primary Forecast Burdened Cost in Project Ledger currency.	PPM - Project Forecasts
Project Current Versus Original EAC Revenue Variance (PLC)	Shows the Variance between current and/original Estimate at Completion Primary Forecast Revenue in Project Ledger currency.	PPM - Project Forecasts
Project Current Versus Original EAC Margin Variance (PLC)	Shows the Variance between current and/original Estimate at Completion Primary Forecast Margin in Project Ledger currency.	PPM - Project Forecasts
Project Current Versus Original EAC Margin Percentage Variance	Shows the Variance between current and/original Estimate at Completion Primary Forecast Margin Percentage.	PPM - Project Forecasts
Project Current EAC Forecast Versus Current BAC Raw Cost Variance (PLC)	Shows the Variance between current EAC Primary Forecast and current Approved BAC Raw Cost in Project Ledger currency.	PPM - Project Forecasts, PPM - Project Budgets
Project Current EAC Forecast Versus Current BAC Burdened Cost Variance (PLC)	Shows the Variance between current EAC Primary Forecast and current Approved BAC Burdened Cost in Project Ledger currency.	PPM - Project Forecasts, PPM - Project Budgets
Project Current EAC Forecast Versus Current BAC Revenue Variance (PLC)	Shows the Variance between current EAC Primary Forecast and current Approved BAC Revenue in Project Ledger currency.	PPM - Project Forecasts, PPM - Project Budgets
Project Current EAC Forecast Versus Current BAC Margin Variance (PLC)	Shows the Variance between current EAC Primary Forecast and current Approved BAC Margin in Project Ledger currency.	PPM - Project Forecasts, PPM - Project Budgets
Project Current EAC Forecast Versus Current BAC Margin Percentage Variance	Shows the Variance between current EAC Primary Forecast and current Approved BAC Margin Percentage.	PPM - Project Forecasts, PPM - Project Budgets
Project Remaining Current Budget Raw Cost (PLC)	Shows the remaining current Approved Budget Raw Cost amount calculated as Budget at Completion current Raw Cost - total Actual Raw Cost in Project Ledger currency.	PPM - Project Budgets, PPM - Project Costs
Project Remaining Current Budget Burdened Cost (PLC)	Shows the remaining current Approved Budget Burdened Cost amount calculated as Budget at Completion current Burdened Cost - total Actual Burdened Cost in Project Ledger currency.	PPM - Project Budgets, PPM - Project Costs

Business Metric Name	Business Metric Description	Related Subject Areas
Project Remaining Current Budget Cost with Commitments (PLC)	Shows the remaining current Approved Budget Burdened Cost amount calculated as Budget at Completion current Burdened Cost - total Actual Burdened Cost - total Committed Cost in Project Ledger currency.	PPM - Project Budgets, PPM - Project Costs, PPM - Project Commitments
Project Remaining Current Budget Revenue (PLC)	Shows the remaining current Approved Budget Revenue amount calculated as Budget at Completion current Revenue - total Actual Revenue amount in Project Ledger currency.	PPM - Project Budgets, PPM - Project Revenue

Project Costing

Business Metric Name	Business Metric Description	Related Subject Areas
Project Raw Cost (PLC)	Shows the Project Raw Cost in Project Ledger currency.	PPM - Project Costs
Project Burden Cost (PLC)	Shows the Project Burden Cost in Project Ledger currency.	PPM - Project Costs
Project Cost (PLC)	Shows the Project Burdened Cost in Project Ledger currency.	PPM - Project Costs
Project Billable Cost (PLC)	Shows the Project Billable Cost in Project Ledger currency.	PPM - Project Costs
Project Non-Billable Cost (PLC)	Shows the Project Non-Billable Cost in Project Ledger currency.	PPM - Project Costs
Project Capitalizable Cost (PLC)	Shows the Project Capitalizable Cost in Project Ledger Currency.	PPM - Project Costs
Project Non-Capitalizable Cost (PLC)	Shows the Project Non-Capitalizable Cost in Project Ledger currency.	PPM - Project Costs
Project Labor Cost (PLC)	Shows the Project Labor Cost in Project Ledger currency.	PPM - Project Costs
Project Equipment Cost (PLC)	Shows the Project Equipment Cost in Project Ledger currency.	PPM - Project Costs
Project Labor Effort	Shows the Project Labor effort.	PPM - Project Costs
Project Equipment Effort	Shows the Project Equipment effort.	PPM - Project Costs
Project Raw Cost - ITD (PLC)	Shows the Inception to Date Project Raw Cost in Project Ledger currency.	PPM - Project Costs
Project Burden Cost - ITD (PLC)	Shows the Inception to Date Project Burden Cost in Project Ledger currency.	PPM - Project Costs
Project Cost - ITD (PLC)	Shows the Inception to Date Project Cost in Project Ledger currency.	PPM - Project Costs
Project Billable Cost - ITD (PLC)	Shows the Inception to Date Project Billable Cost in Project Ledger currency.	PPM - Project Costs
Project Non-Billable Cost - ITD (PLC)	Shows the Inception to Date Project Non-Billable Cost in Project Ledger currency.	PPM - Project Costs

Business Metric Name	Business Metric Description	Related Subject Areas
Project Capitalizable Cost - ITD (PLC)	Shows the Inception to Date Project Capitalizable Cost in Project Ledger currency.	PPM - Project Costs
Project Non-Capitalizable Cost - ITD (PLC)	Shows the Inception to Date Project Non-Capitalizable Cost in Project Ledger currency.	PPM - Project Costs
Project Labor Cost - ITD (PLC)	Shows the Inception to date Project Labor Cost in Project Ledger currency.	PPM - Project Costs
Project Equipment Cost - ITD (PLC)	Shows the Inception to date Project Equipment Cost in Project Ledger currency.	PPM - Project Costs
Project Labor Effort - ITD	Shows the Inception to date Project Labor effort.	PPM - Project Costs
Project Equipment Effort - ITD	Shows the Inception to date Project Equipment effort.	PPM - Project Costs
Project Committed Raw Cost (PLC)	Shows the Committed Raw cost in Project Ledger currency.	PPM - Project Commitments
Project Committed Burdened Cost (PLC)	Shows the Committed Burdened cost in Project Ledger currency.	PPM - Project Commitments

Prebuilt Dashboards

Overview

A dashboard is a top-level object containing multiple business metrics. Each dashboard typically contains as many as 8 composite visualizations. These present an aggregated value for the business metric, a supplemental visualization with drill down capability to Data Visualization content.

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



Note:

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

Prebuilt Dashboards - Financials

Dashboard Name	Dashboard Description
Balance Sheet	Provides visibility into top-level business metrics associated with the balance sheet.

Dashboard Name	Dashboard Description
Profitability	Provides visibility into top-level business metrics associated with the income statement.
Payables	Provides visibility into top-level business metrics associated with accounts payable activity for the business.
Financial Ratios	Provides visibility into top-level business metrics associated with ratios metrics to gain meaningful information about the business.

Prebuilt Dashboards - Procurement

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

Prebuilt Dashboards - Projects

Dashboard Name	Dashboard Description
Project Financial Performance	Provides insights into Actuals and Budgeted Cost, Revenue, and Margin of Projects. This is in Project Ledger Currency.

10

Machine Learning Applications

Overview

The prebuilt prediction applications based on machine learning model are designed to abstract complexity and provide these benefits:

- Improved operations and reduced business risk.
- Enhanced visibility and deeper insights that aren't available through exploratory analysis.
- Ability to plan for the future by predicting outcomes.

Customer Collections Date Prediction

The Customer Collections Date Prediction application predicts the date when an invoice will be paid by customer and calculates the expected delay days to help manage cash flows precisely.

The predicted payment date and predicted delay days related attributes are exposed in the Financials - AR Transaction and Financials - AR Aging subject areas.

Prerequisites

Ensure that the Accounts Receivables and Customer Collections Date Prediction functional areas are activated prior to enabling this application on the Enable Features page. See [Activate a Data Pipeline for a Functional Area and Enable Generally Available Features](#).

Configuration Parameters

Configure the Customer Collections Date Prediction application by selecting appropriate values for these parameters:

- **Historic Periods for Training data** – The number of months of training data desired for training a prediction model. Model is expected to get trained and perform better on longer time frames like 60 months. Although there are no preset limits, it is recommended that at least 24 months of training data is provided.
- **Future Period for Prediction** – The number of future periods in months for which prediction scores will be available based on Scoring data. Some payment schedules extend to many years and this period controls how many months ahead need to be evaluated for risk of late payment. For example, if this is set to 12 months, predictions will be made only for those invoices for which payments are due within the next 12 months.
- **Invoice Threshold Amount** – Predictions will be made for only invoices where due amounts are above the threshold amount. Use this to filter low valued invoices or set it as "0" to consider everything.

How to Use the Predictions

The prediction scores and related attributes are available in the Financials - AR Aging and AR Transactions subject areas. View Customer Date Prediction in the Customer folder and Date Prediction Statistics in the Transaction Details folder.

See [Subject Areas](#).

Use these subject areas to create user defined analyses to know the total receivables amount that will get delayed, minimum, and maximum predicted delays for a specific customer.

Column	Definition
Minimum Predicted Delay Days	Minimum number of delay days predicted across invoices for the customer.
Maximum Predicted Delay Days	Maximum number of delay days predicted across invoices for the customer.
Average Predicted Delay Days	Average number of delay days predicted across invoices for the customer.
Customer Delay Decile	Decile ranking for the customer assigned based on Default Score between 1 to 10 in the increasing order of risk.
Customer Delay Percentile	Percentile ranking for the customer assigned based on Default Score between 1 to 100 in the increasing order of risk.
Coefficient of Variation	Calculated as variation between predicted delay days and actual delay days.
Payment Schedule Identifier	Payment schedule identifier for an invoice.
Predicted Payment Date	Predicted date for the payment for each individual invoice
Predicted Delay Days	Calculated as a difference of predicted delay days and schedule due date.

Frequently Asked Questions

Review these questions to understand the application:

- How much data do we need for the prediction model to be accurate?
Accuracy of predictions improve if larger amounts of historical data is used for training. The minimum recommended training data is 2 years of invoice payment schedules and payments. The classifier accuracy metric shows the accuracy of model predictions. Minimum data must be 500 records and the recommended data must be tens of thousands.
- How frequently does the model create predictions on future data?
The model calculates and generates predictions on future data daily. Previous predictions are overwritten based on the learnings from actual payment data. A snapshot of previous predictions is also maintained for historical reference.
- How frequently is the model calibrated or trained?
The model is trained or recalibrated on a weekly basis to improve predictions over time.

4. What algorithms does the prediction model use?

The algorithms used is a proprietary multi-classification algorithm.

Customer Collections Risk Prediction

The Customer Collections Risk Prediction application predicts the risk of a scheduled payment on an invoice being late because it won't be paid by the due date.

This application creates a risk score for each customer by considering the likelihood of late payment over all invoices. The risk score for an invoice or a customer is exposed in the Financials - AR Transaction and Financials - AR Aging subject areas.

Prerequisites

Ensure that the Accounts Receivables and Customer Collections Risk Prediction functional areas are activated prior to enabling this application on the Enable Features page. See [Activate a Data Pipeline for a Functional Area and Enable Generally Available Features](#).

Configuration Parameters

Configure the Customer Collections Risk Prediction application by selecting appropriate values for these parameters:

- **Historic Periods for Training data** – The number of months of training data desired for training a prediction model. Model is expected to get trained and perform better on longer time frames like 60 months. Although there are no preset limits, it is recommended that at least 24 months of training data is provided.
- **Future Period for Prediction** – The number of future periods in months for which prediction scores will be available based on Scoring data. Some payment schedules extend to many years and this period controls how many months ahead need to be evaluated for risk of late payment. For example, if this is set to 12 months, predictions will be made only for those invoices for which payments are due within the next 12 months.
- **Invoice Threshold Amount** – Predictions will be made for only invoices where due amounts are above the threshold amount. Use this to filter low valued invoices or set it as "0" to consider everything.
- **Extend Due Date by Days** – For prediction model training, the invoice payment is considered late if it's still unpaid after the due date. Setting this parameter allows the prediction model to extend the due date which works as additional grace days. For example, if this parameter is set to 5 days, then this application doesn't consider invoices for which collections are overdue up to 5 days as late.

How to Use the Predictions

The prediction scores and related attributes are available in the Financials - AR Aging and AR Transactions subject areas. View [Customer Risk Prediction](#) in the Customer folder and [Risk Prediction Statistics](#) in the Transaction Details folder.

See [Subject Areas](#).

Use these subject areas to create user defined analyses on risk of late payment for the open invoices or to understand the customers at risk of default.

Column	Definition
Customer Risk Decile	Decile ranking in which the customer falls in based on the customer risk score aggregated across invoices.
Customer Risk Percentile	Percentile ranking in which the customer falls in the customer risk score is aggregate across invoices.
Default Score	Probability of defaulting for the payment schedule.
Default Score Decile	Decile ranking for each record assigned based on Default Score between 1 to 10 in the increasing order of risk.
Default Score Percentile	Percentile ranking for each record assigned based on Default Score between 1 to 100 in the increasing order of risk.
Risk Score	Default score and the unpaid amount that indicates the amount at risk.
Schedule Risk Score Decile	Decile ranking for each record assigned based on Risk Score between 1 to 10 in an increasing order of risk.
Schedule Risk Score Percentile	Percentile ranking for each record assigned based on Default Score between 1 to 100 in an increasing order of risk.
Prediction Date Time	Date and time stamp for the last prediction scoring engine run.
Prediction Processed Indicator	(Y/N) This indicates whether the record was used for processing by the engine or not.
Run Date	Date and time stamp for the last prediction training engine run.
Classifier Score Bucket	Classifier scores from 1 to 100 assigned based on prediction model training data.
Actual Defaults	Number of actual defaults against a particular classifier score.
Classifier Predicted Defaults	Number of predicted defaults against a particular classifier score.
Classifier Accuracy Percentage	Calculated as Actual Defaults/Classifier Predicted Default.

Use these ready-to-use visualization projects to get started with customer collections risk analysis:

- Customer Risk Analysis – Look at the overdue amount as a proportion of total outstanding amount for customers. Including risk classification based on deciles as well as risk analysis across payment terms.
- Invoice Risk Analysis – Provides visibility for transactions contributing to the risk with default probability and risk score for each individual invoice.

These projects are available in Shared Folder > Oracle > Fusion ERP > Accounts Receivable > Customer Collections Risk Analysis.

Frequently Asked Questions

Review these questions to understand the application:

1. How much data do we need for the prediction model to be accurate?

Accuracy of predictions improve if larger amounts of historical data is used for training. The minimum recommended training data is 2 years of invoice payment schedules and payments. The classifier accuracy metric shows the accuracy of model predictions. Minimum data must be 500 records and the recommended data must be tens of thousands.

2. How frequently does the model create predictions on future data?

The model calculates and generates predictions on future data daily. Previous predictions are overwritten based on the learnings from actual payment data. A snapshot of previous predictions is also maintained for historical reference.

3. How frequently is the model calibrated or trained?

The model is trained or recalibrated on a weekly basis to improve predictions over time.

4. What algorithms does the prediction model use?

The algorithms used is a proprietary multi-classification algorithm.

Supplier On-time Payments Prediction

The Supplier On-Time Payments Prediction application predicts the risk of a scheduled payment on an invoice being late because it won't be paid by the due date.

It also creates a risk score for each supplier by considering the likelihood of late payment for all the invoices. The risk score for an invoice or a supplier is exposed in the Financials - AP Invoices, Financials - AP Aging and Financials – AP Payments subject areas.

Prerequisites

Ensure that the Accounts Payables and Supplier On-Time Payments Prediction functional areas are activated prior to enabling this application on the Enable Features page. See [Activate a Data Pipeline for a Functional Area](#) and [Enable Generally Available Features](#).

Configuration Parameters

Configure the Supplier On-time Payments Prediction application by selecting appropriate values for these parameters:

- **Historic Periods for Training data** – The number of months of training data desired for training a prediction model. Model is expected to get trained and perform better on longer time frames like 60 months. Although there are no preset limits, it is recommended that at least 24 months of training data is provided.
- **Future Period for Prediction** – The number of future periods in months for which prediction scores will be available based on Scoring data. Some payment schedules extend to many years and this period controls how many months ahead need to be evaluated for risk of late payment. For example, if this is set to 12 months, predictions will be made only for those invoices for which payments are due within the next 12 months.

- Invoice Threshold Amount – Predictions will be made for only invoices where due amounts are above the threshold amount. Use this to filter low valued invoices or set it as “0” to consider everything.
- Extend Due Date by Days – For prediction model training, the invoice payment is considered late if it's still unpaid after the due date. Setting this parameter allows the prediction model to extend the due date which works as additional grace days. For example, if this parameter is set to 5 days, then this application doesn't consider invoices for which collections are overdue up to 5 days as late.

How to Use the Predictions

The prediction scores and related attributes are available in the Financials - AP Aging, AP Invoices, and AP Payments subject areas. View Prediction Statistics (Supplier) and Prediction Statistics (AP Installments) in the Supplier folder.

See [Subject Areas](#).

Use these subject areas to create user defined analyses on risk of late payment for the open invoices or to understand the suppliers at risk of default.

Column	Definition
Supplier Risk Decile	Decile ranking in which the Supplier falls in based on the Supplier risk score aggregated across invoices.
Supplier Risk Percentile	Percentile ranking in which the Supplier falls in the Supplier risk score is aggregate across invoices.
Default Score	Probability of defaulting for the invoice instalment.
Default Score Decile	Decile ranking for each record assigned based on Default Score between 1 to 10 in the increasing order of risk.
Default Score Percentile	Percentile ranking for each record assigned based on Default Score between 1 to 100 in the increasing order of risk.
Risk Score	Default score and the unpaid amount that indicates the amount which is at risk.
Schedule Risk Score Decile	Decile ranking for each record assigned based on Risk Score between 1 to 10 in an increasing order of risk.
Schedule Risk Score Percentile	Percentile ranking for each record assigned based on Default Score between 1 to 100 in an increasing order of risk.
Prediction Date Time	Date and time stamp for the last prediction scoring engine run.
Prediction Processed Indicator	Indicates whether the record was used for processing by the engine or not.
Run Date	Date and time stamp for the last prediction training engine run.
Classifier Score Bucket	Classifier scores from 1 to 100 assigned based on prediction model training data.
Actual Defaults	Number of actual defaults against a particular classifier score.

Column	Definition
Classifier Predicted Defaults	Number of predicted defaults against a particular classifier score.
Classifier Accuracy Percentage	Calculated as Actual Defaults or Classifier Predicted Default.

Use these ready-to-use visualization projects to get started with supplier payments risk analysis:

- **Supplier Risk Analysis** – Look at the overdue amount as a proportion of total outstanding amount for Suppliers. Including risk classification based on deciles as well as risk analysis across payment terms.
- **Invoice Risk Analysis** – Provides visibility for transactions contributing to the risk with default probability and risk score for each individual invoice.

These projects are available in Shared Folder > Oracle > Fusion ERP > Accounts Payable > Supplier On-Time Payments Risk Analysis.

Frequently Asked Questions

Review these questions to understand the application:

1. How much data do we need for the prediction model to be accurate?

Accuracy of predictions improve if larger amounts of historical data is used for training. The minimum recommended training data is 2 years of invoice payment schedules and payments. The classifier accuracy metric shows the accuracy of model predictions. Minimum data must be 500 records and the recommended data must be tens of thousands.

2. How frequently does the model create predictions on future data?

The model calculates and generates predictions on future data daily. Previous predictions are overwritten based on the learnings from actual payment data. A snapshot of previous predictions is also maintained for historical reference.

3. How frequently is the model calibrated or trained?

The model is trained or recalibrated on a weekly basis to improve predictions over time.

4. What algorithms does the prediction model use?

The algorithms used is a proprietary multi-classification algorithm.

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Advanced Configurations

Configurable Account Analysis

Configurable Account Analysis (CAA) is a cross finance self-service advanced capability in Oracle Fusion Analytics Warehouse that enables functional administrators to define the comprehensive account analysis template combining data across general ledger and multiple subledger sources right from the initial extract date.

Business user friendly configurations options allows setting up user defined account analysis template in order to enrich general ledger information with originating subledger transaction details through selection of enrichment attributes for the relevant journal sources. As a functional administrator, you can configure the account analysis template to build the account analysis reports in Oracle Fusion ERP Analytics. This is a one-time configuration that enables setting up bespoke account analysis subject area. You can make additions and changes to this subject area by modifying the template definition.

Important Considerations While Using Configurable Account Analysis

While using Configurable Account Analysis (CAA), note these:

- You can define a single CAA template with maximum of 200 columns. For any changes, refer to [Modify Configurable Account Analysis Subject Area Definition](#).
- CAA supports curated list of attributes available for user selection. Adding attributes through semantic model extensions, data augmentation isn't a supported functionality in the current version of CAA.
- CAA is a cross finance feature where user gets the ability to combine accounting details from multiple subledger sources. Cross subject area analysis combining CAA with other subject areas isn't a recommended usage.
- For CAA template, the "Timed Out" status has been added for the scenarios where template publishing runs for longer due to semantic model extensions. In such cases, as a functional administrator, you must check the Activity tab on the Semantic Model Extensions page for completion of the apply system step. After this, you can use the CAA subject area.
- To opt out of the Configurable Account Analysis feature, use **Delete** option available on the CAA template setup. This removes the CAA data extracts and CAA subject area from Oracle Fusion Analytics Warehouse. On the Enable Features page, under the Generally Available Features tab, disable **Configurable Account Analysis**.

Prerequisites to Setting up Configurable Account Analysis

Ensure that these prerequisites are in place:

- Prior to configuring the account analysis template application release, ensure that you've activated the General Ledger functional area and subledger-specific functional areas. See [Activate a Data Pipeline for a Functional Area](#).

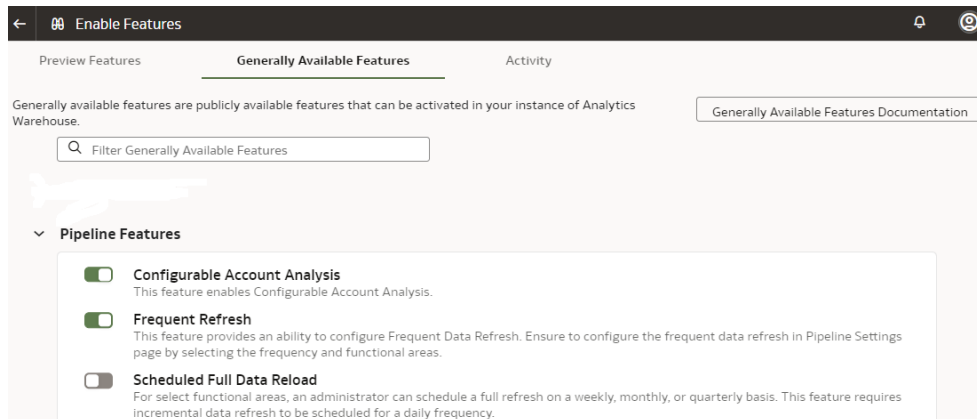
- This feature is supported for minimum application release version 23.R3.P2.

Enable Configurable Account Analysis

Prior to configuring the account analysis template to build the account analysis reports in Oracle Fusion ERP Analytics, you must enable it.

You can't use the Configurable Account Analysis feature in parallel with other existing account analysis features. See [Configurable Account Analysis Transition Steps](#). These steps are applicable if you had already enabled either or a combination of the following features:

- GL Account Analysis subject area
 - GL Account Analysis Foundations
 - Configurable Account Analysis (limited availability feature prior to platform release 23.R3)
1. Sign in to your service as a functional administrator.
 2. In Oracle Fusion Analytics Warehouse **Console**, click **Enable Features**, and then click **Generally Available Features**.
 3. Under the Generally Available Features tab, select the toggle to enable **Configurable Account Analysis**.



Set Up Configurable Account Analysis Subject Area

Set up the Configurable Account Analysis subject area to build the account analysis reports in Oracle Fusion ERP Analytics.

The ability to extend journal sources drives what sources need subledger accounting and originating transaction details. Option to select enrichment attributes is available only for those journal sources where functional area is available in Oracle Fusion Analytics Warehouse.

Extend Journal Sources Configuration Options	View Journal Details	View Subledger Accounting Details	View Transaction Details
For the selected journal source corresponding functional area is enabled	Yes	Yes	Yes
For the selected journal source corresponding functional area isn't enabled or not supported	Yes	Yes	No
For the non-selected journal sources, GL only journal sources, custom journal sources	Yes	No	No

**Note:**

"Extend Journal Sources" configuration doesn't restrict journals data.

After you publish the configurable account analysis template, Oracle Fusion Analytics Warehouse extracts the data along with the additional attributes to the Configurable Account Analysis subject area. This subject area is available for users based on the access through the General Ledger Account Analysis duty role.

1. Sign in to your service as a functional administrator.
2. In Oracle Fusion Analytics Warehouse **Console**, click **Reporting Configuration** under **Application Administration**.
3. On the Reporting Configuration page, under the Advanced tab, click Configurable Account Analysis and then click **Create**.
4. In Create an Account Analysis Subject Area, in **New Subject Area Name**, enter a name for the subject area such as `Configurable Account Analysis` and provide a brief explanation in **Description**.

**Note:**

Avoid using prebuilt subject area names like "Financials - GL Account Analysis" as it isn't supported.

Create an Account Analysis Subject Area

New Subject Area Name

Configurable Account Analysis

Description

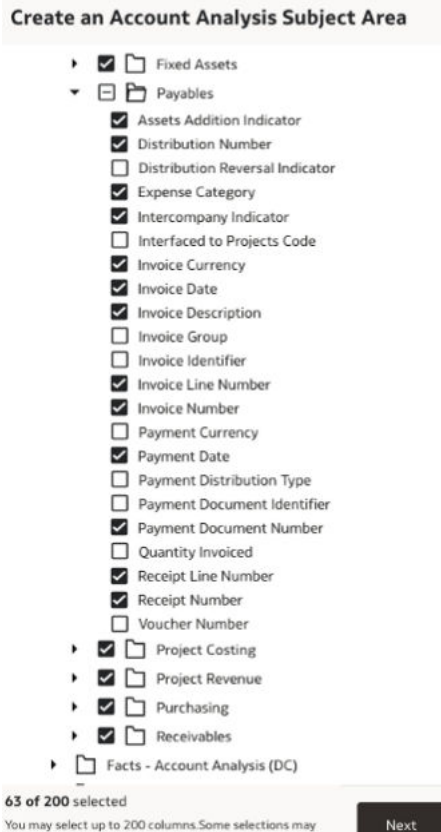
Configurable Account Analysis Subject Area

Extend Journal Sources

- Payables
- Payroll
- Projects
- PS Compliance
- Purchasing
- RBS Mortgages
- RBS Savings
- Real Estate
- Receipt Accounting
- Receivables
- Retail Banking_OFSA

Next

5. Under **Extend Journal Source**, select the journal sources like Payables, Receivables, Project Accounting, Assets, Cost Accounting, as applicable and then click **Next**.
6. From the list of attributes available in the template, select the required attributes for reporting and click **Next**.



7. On the Configurable Account Analysis page, click **Actions** (⚙️) for the account analysis subject area template that you created, and click **Publish**.

Modify Configurable Account Analysis Subject Area Definition

Modify the Configurable Account Analysis subject area definition to update the journal sources and attributes.

1. Sign in to your service as a functional administrator.
2. In Oracle Fusion Analytics Warehouse **Console**, click **Reporting Configuration** under **Application Administration**.
3. On the Reporting Configuration page, under the Advanced tab, navigate to the Configurable Account Analysis template that you already set up and click **Edit**.
4. On the Configurable Account Analysis page, click **Actions** (⚙️) for the account analysis subject area template that you edited, and click **Publish**.
5. To reset or deactivate a CAA application, click **Data Configurations** on the Console, click **Custom Data Configurations**, and then click the **Reset** or **Deactivate** option for the applicable CAA application.

Configurable Account Analysis Transition Steps

Learn how to transition from a previously enabled version of Configurable Account Analysis (CAA) to the current version.

For the instances where you enabled CAA (Limited Availability) feature prior to release 23.R3

With the auto upgrade to 23.R3 platform release, the existing CAA reports continue to function as it is, however, the CAA setup template is no longer available in Advanced Reporting Configurations and the CAA subject area won't be available in the list of subject areas till the upgrade to 23.R3.P2 application release is complete. With the 23.R3 platform release, the limited availability version of CAA won't be supported by Oracle. The recommendation is to transition to the generally available version of CAA using the following steps:

- Save the visualization projects created using CAA (Limited Availability) feature as a backup.
- Upgrade to the 23.R3.P2 application release.
- Deactivate the Account Reconciliation functional area to stop the pipeline jobs for this feature.
- On the Enable Features page, under the Generally Available Features tab, enable Configurable Account Analysis.
- Navigate to the CAA template that's already setup, select **Edit**, review the extend journal sources selection, **Save**, and then **Publish** the CAA template. Edit and republishing the template transitions to the generally available version of CAA (mandatory). After you republish the CAA template, the CAA reports will continue to function as earlier. The CAA set up template and CAA subject area will be available.

For the instances where you enabled the Account Analysis Foundations (Preview) feature prior to release 23.R3

With the auto upgrade to 23.R3 platform release, Account Analysis Foundations is no longer available on the Enable Features page for activation. The recommendation is to transition to the generally available version of CAA using the following steps:

- Upgrade to the 23.R3.P2 application release.
- Deactivate the Account Analysis Foundations functional area to stop the pipeline jobs for this feature. After deactivating, the existing reports will continue to be accessible. The Account Analysis Foundations subject area won't be available in the list of subject areas.
- On the Enable Features page, under the Generally Available Features tab, enable Configurable Account Analysis. After enabling the CAA feature, you can't reactivate the Account Analysis Foundations functional area.
- Configure the CAA template and define visualization analysis based on the CAA subject area. See [Set Up Configurable Account Analysis Subject Area](#).

For the instances where you enabled the GL Account Analysis subject area

The GL Account Analysis subject area will be deprecated in future releases. The recommendation is to transition to the generally available version of CAA using the following steps:

- Upgrade to the 23.R3.P2 application release.
- Deactivate the Account Reconciliation functional area to stop the incremental data loads for the GL Account Analysis subject area. After deactivation, you can't reactivate the Account Reconciliation functional area. The GL Account Analysis subject area won't be available in the list of subject areas. The existing

visualization analyses will still show data as long as data warehouse isn't reset, but incremental data won't be loaded.

- On the Enable Features page, under the Generally Available Features tab, enable Configurable Account Analysis.
- Configure the CAA template and define visualization analysis based on the CAA subject area. See [Set Up Configurable Account Analysis Subject Area](#).
- The existing visualization reports set up using the GL Account Analysis subject area aren't redirected to CAA. You must manually set them up using the CAA subject area.

Frequently Asked Questions

Review these questions to understand the application:

1. Can I perform intraday refreshes for the Configurable Account Analysis (CAA) data?

No, you can't perform intraday refreshes for the CAA data as it doesn't support the ad-hoc "Refresh Data" or scheduled "Frequent Refresh Tables" (Preview) features currently. Recommendation is to depend only on scheduled incremental daily refreshes.

2. Can I use the Bundles functionality to migrate the CAA artifacts?

No, you can't use the Bundles functionality to migrate the CAA artifacts currently. You must set up the CAA template manually.

Fusion Accounting Hub Analytics

Fusion Accounting Hub Analytics empowers finance organizations to establish a comprehensive system of insights for accounting data. It's an add on SKU to Oracle Fusion ERP Analytics.

Accounting Hub Analytics enables you to discover meaningful correlations among balances, journals, and granular sub-ledger transaction details and supporting references. These correlations enable you to swiftly detect irregularities with end-to-end traceability.

Intelligent data pipelines source data from Oracle Fusion Accounting Hub, enabling automatic configuration of pipelines, data models, and analytics views. This data is drawn from Oracle Accounting Hub sub-ledger applications, enabling organizations to gain valuable insights from both operational and financial data.

Prerequisites to Use Fusion Accounting Hub Analytics

Prior to using Fusion Accounting Hub Analytics, you must ensure that all the prerequisites are available.

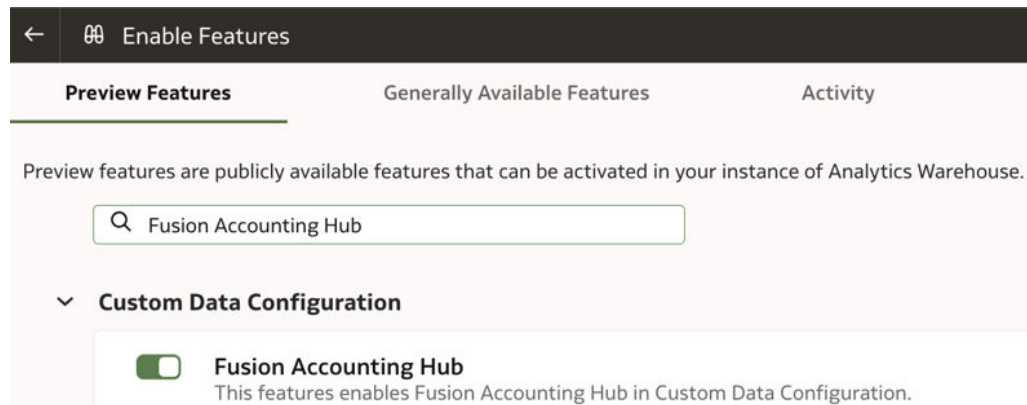
Fusion Accounting Hub Analytics requires the following prerequisites:

- The application release version of Oracle Fusion Analytics Warehouse must be 23.R4 or 24.R1.
- The Oracle Fusion ERP Analytics SKU must be provisioned.
- The General Ledger functional area must be activated.
- Entitlements for the Accounting Hub Analytics SKU must be ready to use.

Enable Fusion Accounting Hub Analytics

You must enable the Fusion Accounting Hub feature on the Enable Features page to configure Fusion Accounting Hub Analytics for gaining valuable insights from both operational and financial data.

This feature is currently available under the Preview tab in the Custom Data Configuration category on the Enable Features page.



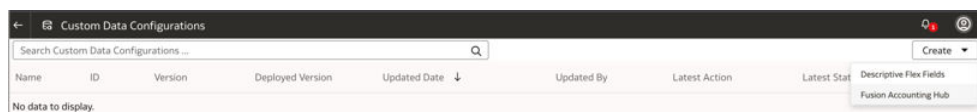
Enable the feature using the information in Make Preview Features Available.

Configure Fusion Accounting Hub Analytics

As a functional administrator, configure Fusion Accounting Hub Analytics by specifying the Accounting Hub subledger applications that need to be available for analytics.

While configuring, you can see the accounting applications set up in the Fusion Accounting Hub source. Ensure that you select only the accounting hub applications set up in the Oracle Fusion Cloud Applications source with Supporting References and Journal Entry Rule Set assignment complete.

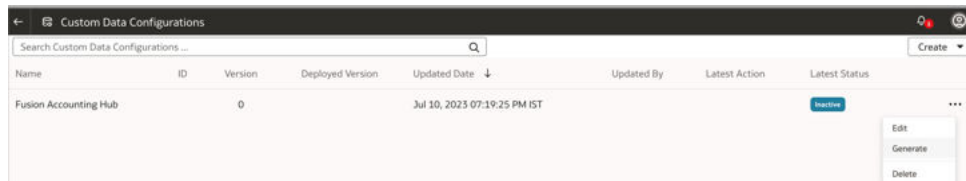
1. Sign in to your service as a functional administrator.
2. In Oracle Fusion Analytics Warehouse **Console**, click **Data Configurations**, and then click **Custom Data Configurations**.
3. Select **Create** and then select **Fusion Accounting Hub**.



4. On the Fusion Accounting Hub page, in **Application Tag**, enter a unique identifier for the application definition and then select the Accounting Hub subledger applications that need to be available for analytics.



5. Click **Save and Exit** to create the application definition with “Inactive” status.
6. On the Custom Data Configurations page, for the Fusion Accounting Hub configuration, click the Actions icon, and then click **Edit** to modify the Accounting Hub subledgers selection.



7. From the action options, click **Generate** to deploy the application definition that would submit the background processes.
8. After the Generate action is complete, select **Deploy** from the action options to create the Fusion Accounting Hub application related subject areas.

Accounting Hub Analytics Subject Areas

Accounting Hub - Application Transactions

Description

Using this subject area, you can analyze accounted transaction object details such as Transaction Headers and Lines for standalone operational insights or as a drill down from Supporting References, Ledger, GL Account, and Fiscal Period Combination.

Business Questions

This subject area can answer the following business questions:

- How do I analyze source equivalent transactional data corresponding to the custom subledger application?
- Can I drilldown to customer subledger applications transactions for a GL account combination?
- Can I control access to custom subledger application data and assign it to the target functional user group?

- How do I get detailed insights and access to transactional attribute information that isn't part of the accounting details for custom subledger applications?

Job-Specific Groups

The following existing job-specific groups secure access to this subject area:

- ORA_GL_FINANCIAL_ANALYST_JOB
- ORA_GL_GENERAL_ACCOUNTANT_JOB
- ORA_GL_GENERAL_ACCOUNTING_MANAGER_JOB

Duty Roles

The Fusion Accounting Hub Transaction Analysis (OA4F_FIN_FAH_TRANSACTION_ANALYSIS_DUTY) duty role secures access to this subject area.

Primary Navigation

Home: General Accounting

Time Reporting

Supports Transaction objects historic data.

Time dimension is linked to accounting date.

Transactional Grain

The grain is at the accounting distribution level.

Special Considerations

Subject areas are dynamically created corresponding to each individual Fusion Accounting Hub application selected. For example, if you select five Fusion Accounting Hub applications as part of configuration, the system would create five respective Transactions subject areas identifiable based on the application name.

Financials - Supporting Reference Balances

Description

This subject area provides the aggregated view of all management reporting dimensions defined as balance type supporting references for the subledger accounting.

Business Questions

This subject area can answer the following business questions:

- What are the consolidated balances for individual supporting references across sources?
- How do I track the balances and period activity for supporting references by journal sources?
- How do I enrich the GL trial balance information by additional management reporting dimensions?

- How do I track the historic trend and activity for balance type supporting references?

Job-Specific Groups

The following existing job-specific groups secure access to this subject area:

- ORA_GL_FINANCIAL_ANALYST_JOB
- ORA_GL_GENERAL_ACCOUNTANT_JOB
- ORA_GL_GENERAL_ACCOUNTING_MANAGER_JOB

Duty Roles

The Fusion Accounting Hub Supporting References Balance Analysis (OA4F_FIN_FAH_SR_BALANCE_ANALYSIS_DUTY) duty role secures access to this subject area.

Primary Navigation

Home: General Accounting

Time Reporting

Supports Transaction objects historic data.

Time dimension is linked to accounting date.

Transactional Grain

The grain is at the supporting references balances level.

Special Considerations

None

Frequently Asked Questions

Review these questions to understand the application:

1. What is the data refresh schedule for the Fusion Accounting Hub applications?
Data refreshes on a daily basis following the common warehouse refresh schedule.
2. Can I perform intraday refreshes for the Fusion Accounting Hub Analytics data?
No, you can't perform intraday refreshes for the Fusion Accounting Hub Analytics data as it doesn't support the ad-hoc "Refresh Data" or scheduled "Frequent Refresh Tables" (Preview) features currently. Recommendation is to depend only on scheduled incremental daily refreshes.
3. How to redo full reset and reload the of Fusion Accounting Hub data?
Use the **Reset** option to trigger full reset and reload the Fusion Accounting Hub data.
4. How do we add or remove the Fusion Accounting Hub applications' sources?
Use the **Edit** option to add or remove the Fusion Accounting Hub applications, followed by Generate and Deploy steps.
5. How to stop data pipelines for the Fusion Accounting Hub applications?

Use the **Deactivate** option to stop incremental data loads in Oracle Fusion Analytics Warehouse for the Fusion Accounting Hub applications. However, the subject area and visualizations would continue to be accessible with existing data in the datawarehouse.

6. How to opt out of the Fusion Accounting Hub application feature setup in Oracle Fusion Analytics Warehouse?

Complete these steps:

- a. Use the **Delete** option to remove the Fusion Accounting Hub applications' definition setup in Oracle Fusion Analytics Warehouse.
 - b. Manually delete the visualizations because subject area and visualizations won't be accessible at this step.
 - c. Toggle off the **Fusion Accounting Hub** feature under the Preview Features tab on the Enable Features page.
7. What happens to the Fusion Accounting Hub data that is loaded into warehouse but archived later after the transactions retention period of 30 to 458 days?
Transaction objects data is retained in the warehouse even when it gets archived in Fusion Accounting Hub source including for application regeneration. In the events like application reset and warehouse reset, such data gets wiped out.

A

Report Authoring Tips

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

Topics

- [Common Report Authoring Tips](#)
- [Report Authoring Tips for Oracle Fusion ERP Analytics](#)
- [Report Authoring Tips for Project Analytics](#)
- [Report Authoring Tips for Procurement Analytics](#)

Common Report Authoring Tips

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

Tips for Filters

When applying filters to reports, follow these guidelines:

- Use dashboard filters instead of workbook or canvas filters for user interactions in analyses.
- Use workbook filters for hidden and non-interaction filters.
- Set the Limit by Values to **None** for all filters in custom workbooks or dashboards to improve performance of prompts.

Tips for Brushing

Disable brushing to improve report performance. See [Update Canvas Properties](#).

Tips for Working with Currency

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

Tips for Reporting on Attributes Across Multiple Dimensions

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

Tips for Presentation Hierarchies

To improve performance, use presentation columns instead of presentation hierarchies. See [Work with Presentation Tables and Columns](#).

Report Authoring Tips for Oracle Fusion ERP Analytics

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

Tips to Improve the Performance of Reports

To improve performance in reports, follow these guidelines:

- For qualified or non-qualified segments, use the segment code instead of the name or description.
- For Name and Description of qualified and non-qualified segments:
 - Use List or is equal to/is
 - Use filter type List or is equal to/is in for Balancing Segment, Natural Segment, Cost Center, and GL Segment 1 - 10
 - For other filter types (e.g. begins with, IS LIKE) use Code.
- For all reports, use code attributes instead of the name or description when possible.
- For qualified or non-qualified segments, use Tree Code and Version instead of Tree Filter (23.R4.P3 or later).

Recommended Filters

Subject Area	Presentation Columns
AP Aging	<ul style="list-style-type: none"> • Aging Bucket.Aging Period Name • Payables Invoicing Business Unit.Payables Invoicing Business Unit • Supplier.Supplier Name
AP Expense	<ul style="list-style-type: none"> • Invoice Date.Invoiced Date • Invoice Date.Invoiced Fiscal Period • Payables Invoicing Business Unit.Payables Invoicing Business Unit. • Supplier.Supplier Name
AP Holds	<ul style="list-style-type: none"> • Invoice Date.Invoiced Date • Invoice Date.Invoiced Fiscal Period • Payables Invoicing Business Unit.Payables Invoicing Business Unit. • Supplier.Supplier Name
AP Invoices	<ul style="list-style-type: none"> • Invoice Date.Invoiced Date • Invoice Date.Invoiced Fiscal Period • Payables Invoicing Business Unit.Payables Invoicing Business Unit. • Supplier.Supplier Name

Subject Area	Presentation Columns
AP Liabilities	<ul style="list-style-type: none"> • Invoice Date.Invoiced Date • Invoice Date.Invoiced Fiscal Period • Payables Invoicing Business Unit.Payables Invoicing Business Unit. • Supplier.Supplier Name
AP Payments	<ul style="list-style-type: none"> • Payment Date.Payment Date • Payment Date.Payment Fiscal Period • Payables Invoicing Business Unit.Payables Invoicing Business Unit. • Supplier.Supplier Name
GL Balance Sheet	<ul style="list-style-type: none"> • Ledger.Ledger Name • Time.Fiscal Period
GL Budget	<ul style="list-style-type: none"> • Ledger.Ledger Name • Time.Fiscal Period
GL Detail Transactions	<ul style="list-style-type: none"> • Ledger.Ledger Name • Time.Fiscal Period • Natural Account.Natural Account Code
GL Account Analysis	<ul style="list-style-type: none"> • Ledger.Ledger Name • GL Account.GL Account Combination • Time.Fiscal Period • Natural Account.Natural Account Code
Configurable Account Analysis	<ul style="list-style-type: none"> • Ledger.Ledger Name • GL Account.GL Account Combination • Time.Fiscal Period • Natural Account.Natural Account Code
AR Transactions	<ul style="list-style-type: none"> • Transaction Date.Transaction Date • Transaction Date.Transaction Fiscal Period • AR Billing Business Unit.AR Billing Business Unit Name • Customer.Customer Name • Customer Account.Customer Account Name
AR Receipts and Applications	<ul style="list-style-type: none"> • Receipt Application Date.Receipt Application Date • Receipt Application Date.Receipt Application Fiscal Period • AR Receipt Business Unit.AR Receipt Business Unit Name • Customer.Customer Name • Customer Account.Customer Account Name
AR Credit Memo Applications	<ul style="list-style-type: none"> • Credit Memo Application Date.Credit Memo Application Date • Credit Memo Application Date.Credit Memo Application Fiscal Period • AR Billing Business Unit.AR Billing Business Unit Name • Customer.Customer Name • Customer Account.Customer Account Name

Subject Area	Presentation Columns
AR Adjustments	<ul style="list-style-type: none"> AR Billing Business Unit.AR Billing Business Unit Name Customer.Customer Name Customer Account.Customer Account Name Adjustment Date.Adjustment Date Adjustment Date.Adjustment Fiscal Period
AR Aging	<ul style="list-style-type: none"> Aging Bucket.Aging Period Name AR Billing Business Unit.AR Billing Business Unit Name Customer.Customer Name Customer Account.Customer Account Name
AR Revenue	<ul style="list-style-type: none"> Transaction Accounting Date.Transaction Accounting Date Transaction Accounting Date.Transaction Accounting Fiscal Period AR Billing Business Unit.AR Billing Business Unit Name Customer.Customer Name Customer Account.Customer Account Name
Asset Analysis	<ul style="list-style-type: none"> Asset Calendar.Asset Period Ledger.Ledger Name Asset Book.Book Name
Asset Transactions	<ul style="list-style-type: none"> Fiscal Calendar.Fiscal Period Ledger.Ledger Name Asset Book.Book Name
EXM Employee Expenses	<ul style="list-style-type: none"> Report Date.Report Date Fiscal Date Report Date.Report Date Fiscal Period Business Unit.Business Unit Name Manager.Manager Name
GL Profitability	<ul style="list-style-type: none"> Ledger.Ledger Name Time.Fiscal Period

Report Authoring Tips for Project Analytics

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

Tips to Improve the Performance of xTD Metrics Queries

Select a Fiscal Period, Fiscal Quarter, or Fiscal Year along with a Project Business Unit to analyze xTD metrics for a specific subject area. To improve performance on cross-subject area analyses involving xTD metrics, apply a filter on the workbook.

Tips to Improve the Performance of PPM – Project Costs Reports

To improve report performance in PPM - Project Costs, follow these guidelines:

- Apply a filter on Ledger and Distribution accounting periods when analyzing accounting information that includes details about unaccounted transactions.
- When analyzing accounting information, use Code instead of Name or Description for qualified and non-qualified segments.

Tips to Improve the Performance of PPM – Project Revenue Reports

To improve report performance in PPM - Project Revenue, follow these guidelines:

- Apply a filter on Ledger and Distribution accounting periods when analyzing accounting information that includes details about unaccounted transactions.
- When analyzing accounting information, use Code instead of Name or Description for qualified and non-qualified segments.

Tips to Improve the Performance of PPM – Grants Award Funding Reports

To improve report performance in PPM - Grants Award Funding, follow these guidelines:

- Apply a filter on Award Business Unit for analyzing Award Funding information.
- When analyzing project level funding information or other Project metrics like Cost, Budget Amount etc., use the Project Business Unit filter.

Recommended Filters

Subject Area	Presentation Table (Recommended Filter)
PPM - Grants Award Funding	<ul style="list-style-type: none"> • Award Business Unit • Project Business Unit • Principal Investigator
PPM – Project Assets	<ul style="list-style-type: none"> • Project Business Unit • Project
PPM – Project Budgets	<ul style="list-style-type: none"> • Project Business Unit • Time.Fiscal Calendar.Fiscal Period • Project
PPM – Project Costs	<ul style="list-style-type: none"> • Project Business Unit or Expenditure Business Unit • Time.Fiscal Calendar.Fiscal Period • Project
PPM – Project Forecasts	<ul style="list-style-type: none"> • Project Business Unit • Time.Fiscal Calendar.Fiscal Period • Project
PPM – Project Funding	<ul style="list-style-type: none"> • Contract Business Unit
PPM – Project Invoices	<ul style="list-style-type: none"> • Contract Business Unit • Time.Fiscal Calendar.Fiscal Period
PPM – Project Revenue	<ul style="list-style-type: none"> • Contract Business Unit • Time.Fiscal Calendar.Fiscal Period

Report Authoring Tips for Procurement Analytics

Improve your Oracle Fusion Analytics Warehouse PROC reports with these recommendations and answers to frequently asked questions regarding reporting. The

information isn't exhaustive and is updated regularly with additional information and authoring tips.

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

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

Recommended Filters

Items with an asterisk (*) are required.

Subject Area	Presentation Table (Recommended Filter)
Procurement - Purchase Orders	<ul style="list-style-type: none"> Requisition Business Unit.PO Header Requisition Business Unit Name *Time.Fiscal Calendar Name *Time.Fiscal Year/Fiscal Quarter/Fiscal Period *Procurement Business Unit. Procurement Business Unit Name Buyer.Buyer
Procurement - Spend	<ul style="list-style-type: none"> *Payables Invoicing Business Unit.Payables Invoicing Business Unit Name Supplier.Supplier Name *Ledger.Ledger Type Name *Time.Fiscal Calendar Name *Time.Fiscal Year/Fiscal Quarter/Fiscal Period Buyer.Buyer
Procurement - Requisitions	<ul style="list-style-type: none"> *Requisition Business Unit. Requisition Business Unit Name Supplier.Supplier Name Purchasing Category.Purchasing Category *Time.Fiscal Calendar Name *Time.Fiscal Year/Fiscal Quarter/Fiscal Period Buyer.Buyer
Procurement - Agreements	<ul style="list-style-type: none"> *Agreement Procurement Business Unit.Agreement Procurement Business Unit Name Document Details.Agreement Document Type Supplier.Supplier Name Purchasing Category.Purchasing Category *Time.Year/Quarter/Month Buyer.Buyer

Subject Area	Presentation Table (Recommended Filter)
Procurement - Receipts	<ul style="list-style-type: none"> • *Procurement Business Unit. Procurement Business Unit Name • Supplier. Supplier Name • *Time. Fiscal Calendar Name • *Time. Fiscal Year/Fiscal Quarter/Fiscal Period • Buyer. Buyer
Procurement - Receipt Accounting	<ul style="list-style-type: none"> • Time. Fiscal Calendar Name • Time. Fiscal Year/Fiscal Quarter/Fiscal Period • Legal Entity. Legal Entity Name • Inventory Organization: Inventory Organization • Business Unit. Business Unit

B

Frequently Asked Questions

The Oracle Fusion ERP Analytics Frequently Asked Questions (FAQs) provide answers to the most commonly asked questions about provide solutions to improve your analytics experience.

Topics:

- [Why can't I use receivables unaccounted transactions?](#)
- [Why can't I use secondary ledger in all subject areas?](#)
- [Why doesn't the invoice amount for invoices with retainage in Accounts Payables doesn't match the invoice amount in the user interface of Oracle Fusion Cloud Applications?](#)
- [Why is the Payments Discount Lost metric in Accounts Payables only populated for the primary ledger?](#)
- [Why can I only see some unaccounted transactions in Payables?](#)
- [Why can't I reconcile the AP Aging outstanding balance with the Payables trial balance in Oracle Fusion Cloud Applications?](#)
- [Why can't I see backdated transactions in AP and AR Aging subject areas in historical aging snapshots?](#)
- [Why do different subject areas in Accounts Payables show different levels of detail?](#)
- [Why aren't Accounting distributions with net zero amount in the Account Analysis subject area transferred to General Ledger for posting?](#)
- [Why isn't the Budgets subject area available? I don't see budget data in the GL Profitability or GL Balance Sheet subject area variance analyses.](#)
- [Why was my budget balance reset?](#)
- [Why do Accounted Raw Cost, Accounted Burden Cost, and Accounted Burdened Cost metrics show a zero value?](#)
- [Why can't I validate data in AR Adjustments and AR Credit Memo Applications for Primary Ledgers?](#)
- [What are the transaction details expected for a depreciation-related record?](#)
- [Where can I see records related to account class Intracompany, Balance?](#)
- [Why do the data validation results for GL Account Analysis show inaccurate information?](#)
- [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 are Fiscal Calendar and Receiver Fiscal Calendar anchored to the same date and calendar in Project Budgets and Forecasts subject areas?](#)
- [How are item details fetched in the Project Costs and Commitments subject areas?](#)
- [Why do I not see all employee expense reports in Employee Expense subject area?](#)

- Why am I missing month-end snapshots from AR Aging and AP Aging? or What frequency should I run the pipeline data extract for Accounts Receivable and Accounts Payable Functional areas?
- How is Analytic Currency metrics calculated in Oracle Fusion ERP Analytics subject areas?
- In which document currency can I see the Discount Remaining amount?
- Why do I not see all the project invoices in PPM - Project Invoices subject area?
- Why do I see unaccounted transactions in AR Transactions and AR Revenue subject areas?
- Why am I not able to see quantity metrics at subinventory and locator level in the PO Receipts subject area?
- Why don't I see future dated invoices in AP Aging?
- My AP invoice liability amount is split between multiple liability accounts generated based on the SLA accounting rules set up in Oracle Fusion Cloud Applications. Why do I not see all those liability accounts in the AP Aging subject area?
- What is the purpose of AR Unaccounted Transactions functional area?
- Why do some of the Aging metrics show the same value in all Aging buckets?
- Why do I see only total values when using GL Account and GL Segment-related attributes in the PPM - Project Costs and PPM - Project Revenue subject areas?
- Why isn't there data validation for Projects Funding subject area metrics?
- How should I use the Prepayment metrics in the AP Expenses subject area?
- When does Invoice not show in AP subject areas?
- Why do I not see Ledger Currency and Project currency metrics for Project Invoices?
- Why do I not see the Project attributes or the Associated Task attributes for the Project Contract invoices in AR Revenue subject area?
- Why is the Credit Memo Applications Amount not populated for certain ledgers?
- How can I assign data security in Fusion Analytics Warehouse?
- How do I synchronize data security from Oracle Fusion Cloud Applications with Fusion Analytics Warehouse?
- Why am I missing transactions and receipts related to Multifund Accounting in Receivables subject areas?
- After a recent change in the exchange rates in Oracle Fusion Cloud Applications, why am I unable to view the order amount in analytics currency for some purchase orders even though the received dates for those purchase orders are after the exchange rates date change?

Why can't I use receivables unaccounted transactions?

All Receivables subject areas except AR Transactions and AR Revenue only support accounted transactions. AR Transactions and AR Revenue subject areas support unaccounted transactions when the AR Unaccounted Transactions functional area is activated.

Why can't I use a secondary ledger in all subject areas?

If a secondary ledger is set up with a Subledger Conversion level, then you can analyze data for a secondary ledger in the AR Revenue, AR Receipts and Applications, AR Credit Memo Applications, and AR Adjustments subject areas that are at the Accounting distribution grain. The AR Transactions and AR Aging subject areas are at the schedule level and support only the primary ledger.

Why doesn't the invoice amount for invoices with Retainage in Accounts Payables match the invoice amount in the user interface of Oracle Fusion Cloud Applications?

AP Invoice shows the invoice amount based on the scheduled payment. Retainage amount is excluded from the payment schedule so the invoice amount in the AP Invoice subject area shows only the invoice amount without Retainage and the amount is different from Oracle Fusion Cloud Applications.

Why is the Payments Discount Lost metric in Accounts Payables populated only for the primary ledger?

The Discount Lost amount isn't an accounting metric and is calculated by Oracle Fusion Cloud Applications for the Primary Ledger only. For non-Primary Ledgers, this metric doesn't have a value populated. This is the amount that was lost because the payment to the supplier wasn't made by the discount due date.

Why can I see only some unaccounted transactions in Payables?

The AP Invoices and AP Aging subject areas include all invoices (even unaccounted) with a payment schedule. The AP Liability, AP Expense, and AP Payment subject areas include only those invoices that are accounted. The AP Holds subject area includes only those invoices with hold details.

Why can't I reconcile the AP Aging outstanding balance with the Payables trial balance in Oracle Fusion Cloud Applications?

Fusion Payables Trial balance uses SLA account and accounting date from the accounting distributions. AP Aging is at the invoice schedule level and has the Account code combination and accounting date from the invoice header level. AP Aging supports historical aging and current aging by Invoice date and Schedule date. It can't be used for reconciling account balances with General Ledger.

Why can't I see backdated transactions in the AP and AR Aging subject areas in historical aging snapshots?

When an incremental run is executed on the last day of the fiscal period, Fusion Analytics Warehouse creates the monthly aging snapshot for that period. Any transaction created in Oracle Fusion Cloud Applications in the prior period isn't included in the prior period snapshot in Fusion Analytics Warehouse. These are included only in the current aging snapshot.

Why do different subject areas in Accounts Payables show different levels of detail?

If the secondary ledger is set up with a Subledger Conversion level, then you can analyze data for the secondary ledger in the AP Liabilities, Expenses, and Payments subject areas, which use the Accounting Distribution grain. The AP Invoices and AP Aging subject areas use the schedule level, and the AP Holds subject area contains Invoice hold details. These subject areas support only the primary ledger.

Why aren't Accounting distributions with a net-zero amount in the Account Analysis subject area transferred to the general ledger for posting?

Accounting distributions with net-zero amounts in the Account Analysis subject area aren't transferred to the general ledger for posting. To work around this issue, use an expression filter to eliminate accounting distribution lines that are accounted but aren't transferred to the general ledger.

```
case
when "Financials - GL Account Analysis"."Journal Details"."Journal
Source" is null and "Financials - GL Account Analysis"."Subledger
Accounting Details"."Transfer to GL Status Code" in ('NT', 'Y') then 0
else 1 end=1
```

Why isn't the Budgets subject area available? I don't see budget data in the GL Profitability or GL Balance Sheet subject area variance analyses.

To make the Budgets subject area available, you need to activate the Budget functional area as well as the GL functional area.

Why was my budget balance reset?

The budget balance for Balance Sheet Accounts is reset at the beginning of each fiscal year. Unlike Actual balances, Budget balances aren't carried forward to the next fiscal year.

Why do Accounted Raw Cost, Accounted Burden Cost, and Accounted Burdened Cost metrics show a zero value?

The Accounted Raw Cost, Accounted Burden Cost, and Accounted Burdened Cost metrics in the PPM - Projects Costs subject area require the GL Account Combination attribute. If the GL Account Combination attribute isn't included, the Debit and Credit entries negate each other and the metric value shows as zero.

Why can't I validate data in AR Adjustments and AR Credit Memo Applications for Primary Ledgers?

When you perform data validation on the Adjustments Amount metric in AR Adjustments and the Credit Memo Application Amount metric in AR Credit Memo Applications for non-primary ledgers, the source value is null even though there's a value. These data validations only support primary ledgers.

What are the transaction details expected for a depreciation-related record?

In the Asset Transactions subject area, the Active Asset Indicator for depreciation distributions is null while the Active Assignment Indicator and Active Financial Indicator are both populated. The Asset Adjustment Type, Asset Source Type Code, Transaction Type, and Amortize are for depreciation records. The Transaction Number is -99999. Depreciation related data is populated with the default Transaction Date as the corresponding period start date. To compare Fusion depreciation distributions, the use the Fiscal Calendar that's anchored on the XLA, or Subledger Accounting, accounting date.

Where can I see records related to account class Intracompany, Balance?

These records aren't part of the subledger subject areas. These entries are created in the Subledger Accounting Engine and not the Subledger Applications such as Accounts Payables, Accounts Receivables, Assets, etc.

Why do the data validation results for GL Account Analysis show inaccurate information?

By default, the GL Account Analysis subject area has only 4 months of data (Current period + 3 prior months). So when selecting the fiscal date range filter for Data Validation of metrics, be sure you select a fiscal date within that period. Also, exclude the NO VALUE event class since journal only distributions aren't currently supported in data validation. If these filters aren't properly configured, the data validation results may be incorrect.

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 are Fiscal Calendar and Receiver Fiscal Calendar anchored to the same date and calendar in Project Budgets and Forecasts subject areas?

The Project Budgets and Project Forecasts subject areas have Fiscal Calendar and Receiver Fiscal Calendar attributes in the Time dimension. Both set of attributes are anchored to the same Plan Line Detail Start Date and Project Calendar. Receiver Fiscal Calendar is defined separately because it's a common dimension that can be used across PPM subject areas, and can be used for analysis to compare Project Costs (Actuals) data with Budgets or Forecasts. xTD metrics are also calculated using the Receiver Fiscal Calendar.

How are item details fetched in the Project Costs and Commitments subject areas?

An Item can be assigned to multiple inventory organizations. In order to fetch the item details in Project Costs and Project Commitments subject areas, the Inventory Organization is matched with the Expenditure Organization. If the Expenditure Organization isn't an Inventory Organization, then item details won't be populated even though the Fusion source has the data.

Why do I not see all employee expense reports in Employee Expense subject area?

The Existing Employee Expense subject area only extracts Employee Expense records that are processed in Payables. Therefore, expense reports in other statuses aren't available for analysis.

Why am I missing month-end snapshots from AR Aging and AP Aging? or What frequency should I run the pipeline data extract for Accounts Receivable and Accounts Payable Functional areas?

You must schedule pipeline incremental runs for Account Receivable and Accounts Payables functional areas daily. AR Aging and AP Aging fact tables (included in Accounts Receivables and Account Payables functional areas respectively) are designed for daily incremental runs.

When the incremental run happens after the fiscal month end date, it creates a snapshot for the previous month with the month-end data. If the incremental snapshot runs on a weekly basis, and the month-end date falls on a day on which the schedule doesn't run, then the month won't have an accurate month-end snapshot. Creating a snapshot as the last day of an incremental run for the month won't include open transactions that belong to that snapshot. To work around this issue, reset the functional area to build a snapshot that includes the month-end date.

How is Analytic Currency metrics calculated in Oracle Fusion ERP Analytics subject areas?

For Oracle Fusion ERP Analytics subject areas, analytic currency metrics are calculated by converting the ledger currency metric amounts to analytic currency using the exchange rate defined in Oracle Fusion ERP Analytics. The exchange rate is derived from the exchange rate type defined in the pipeline configuration parameters. The exchange rate date basis for each subject area is listed in [Subject Area Metric Details](#).

In which document currency can I see the Discount Remaining amount?

Discount Remaining Amount metric in AP Payments subject area is calculated using "Discount Offered Amount" from AP Invoices fact and "Discount Taken Amount" and "Discount Lost Amount" from AP Payments fact. The formula is Discount Offered Amount - Discount Taken Amount - Discount Lost Amount. For a cross-currency payment (Invoice currency and Payment currency are different), the AP Payment subject area shows the Invoice currency and payment currency when Document currency is selected. Discount Remaining Amount is calculated only in Invoice currency and not Payment currency.

Why do I not see all the project invoices in PPM - Project Invoices subject area?

Release 22.R4 included the PPM - Project Invoices subject area, and only Project Invoices that are transferred and Accepted in Receivables are extracted in Oracle Fusion ERP Analytics. In release 23.R2, to view Invoices with other statuses before Accepted in Receivables, activate the new Project Invoices Prior to Acceptance functional area.

Why do I see unaccounted transactions in AR Transactions and AR Revenue subject areas?

The AR Unaccounted Transactions functional area is new in Release 22.R4. When you activate this functional area, the AR Transactions and AR Revenue subject areas show both accounted transactions and unaccounted transactions as long as the transactions are complete and the revenue schedules are generated. Data validations of Total Transaction Amount in AR Transactions and Distribution Amount in AR Revenue fetch both accounted and unaccounted data from the source. If the AR Unaccounted Transactions functional area isn't activated, then there is a mismatch

between the source and warehouse since the warehouse only has the accounted transactions.

To work around this issue, set the Accounted Indicator attribute to Yes for the data validation.

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 don't I see future dated invoices in AP Aging?

The AP Aging subject area only includes open AP invoices with an invoice date until the current open period. Future dated invoices aren't included. If any invoice is created with a future date, it'll be picked up only when invoices are processed for that future date/period.

My AP invoice liability amount is split between multiple liability accounts generated based on the SLA accounting rules set up in Oracle Fusion Cloud Applications. Why do I not see all those liability accounts in the AP Aging subject area?

The AP Aging subject area is at the schedule level and can only show one liability account for each schedule. If an invoice has the amount split between multiple liability accounts, it'll only show the default liability account that's populated in the AP invoice header in Oracle Fusion Cloud Applications. If the SLA Accounting also generates only one liability account per invoice, then it'll show the liability account generated by the accounting process.

If your use case is to analyze the liability amount by GL Account and reconcile with General ledger, then use the AP Liabilities subject area.

What is the purpose of AR Unaccounted Transactions functional area?

The AR Unaccounted Transactions functional area brings in AR Transactions, Line, and Distributions data for all completed transactions including unaccounted transactions. The Accounts Receivables subject area only brings in data for accounted transactions.

AR Transactions and AR Revenue have unaccounted transactions and distributions if the AR Unaccounted Transactions functional area is activated and this data is also used to calculate the Transaction Amount and Line Amount in the AR Revenue subject area. Therefore, be sure to activate the AR Unaccounted Transactions functional area after the Accounts Receivables functional area is activated.

Since the AR Unaccounted Transactions functional area has unaccounted transactions, if customers marks a completed transaction as incomplete in Oracle Fusion Cloud Applications and deletes it, this will leave orphan records in Oracle Fusion ERP Analytics which is handled as part of the daily incremental pipeline run. Be sure to reset the functional area in such cases.

Why do some of the Aging metrics show the same value in all Aging buckets?

In AR and AP aging, only the below metrics calculate outstanding amounts based on the Aging buckets:

- Aging Amount - Invoice Date Basis
- Aging Count - Invoice Date Basis
- Aging Amount - Schedule Date Basis
- Aging Count - Schedule Date Basis

All other Aging metrics aren't designed to work based on the Aging buckets. Other Aging metrics should be used for analysis with the other dimensions and attributes in the Aging subject area.

Why do I see only total values when using GL Account and GL Segment-related attributes in the PPM - Project Costs and PPM - Project Revenue subject areas?

GL Account and GL Segment-related attributes and hierarchies are only for analyzing accounting-related metrics, therefore these attributes can be used only with metrics in the Project Accounting Costs folder in the PPM-Project Costs subject area and metrics in the Accounted Revenue folder in the PPM-Projects Revenue subject area. No other metrics can be analyzed using the GL Account and GL segment related attributes.

Why isn't there data validation for Projects Funding subject area metrics?

The Fusion OTBI subject area Project Billing - Funding Real Time has only the latest contract details which may include contract versions in Under Amendment status. In the Oracle Fusion ERP Analytics PPM - Projects Funding subject area, Under Amendment versions of contracts aren't shown unless the Contract doesn't have versioning enabled. Since the Contract versions in both subject areas are different, it isn't currently possible to have data validation for this subject area.

How should I use the Prepayment metrics in the AP Expenses subject area?

Prepayment amount, Applied Prepayment amount, and Available Prepayment amount metrics are available in the AP Expenses subject area. These metrics are designed to work with Prepayment attributes such as Prepayment Number and Prepayment Line Number.

Prepayment Number and Prepayment Line Number attributes are populated for the Prepayment Invoice type as well as for the Applied Prepayment lines in the Standard Invoice.

Prepayment Amount is calculated using the Prepayment Invoice type. Applied Prepayment amount is calculated using the Applied prepayment lines in the Standard Invoice, and the net amount shows the Available Prepayment Amount for a Prepayment Number and Prepayment Line Number.

When does Invoice not show in AP subject areas?

If there are invoices dated prior to the Initial Extract Date (IED), ACCTS_PAY_CODE_COMBINATION_ID is found to be null in AP_Invoices_all, and the Invoiced_on_date is a future period, then the invoice isn't available at the Payment schedules grain.

Why do I not see Ledger Currency and Project currency metrics for Project Invoices?

Ledger Currency and Project Currency metrics are only populated in for Project Invoices that are transferred and Accepted in Receivables. Any invoice that isn't in Accepted in Receivables status won't have these metrics populated.

Why do I not see the Project attributes or the Associated Task attributes for the Project Contract invoices in AR Revenue subject area?

The Fusion Accounts Receivables module stores the Project and Associated Task attributes at the Receivables line level for Project Invoices only if the Invoice Grouping rule on the Contract is set up to group the lines by these attributes. If Project and

Associated Task attributes aren't used in the Invoice grouping, these attributes won't be passed to Receivables and won't be available the in AR Revenue subject area either.

Why is the Credit Memo Applications Amount not populated for certain ledgers?

The Credit Memo Applications Amount in the Facts-Ledger Currency folder of the AR Credit Memo Applications subject area is populated only for Primary Ledgers. It's not supported for non-primary ledgers. Application distribution Amount is populated for Primary and non-primary ledgers.

How can I assign data security in Fusion Analytics Warehouse?

You can assign data security using these methods:

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

How do I synchronize data security from Oracle Fusion Cloud Applications with Fusion Analytics Warehouse?

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

To ensure that synchronization happens frequently, you must schedule the incremental refreshes. See [Set Up the Pipeline Parameters](#).

1. Sign in to your service.
2. In Fusion Analytics Warehouse, click the Navigator.
3. In the **Navigator** menu, click **Console**.
4. On the Console, click **Data Configuration** under **Application Administration**.
5. On the Data Configuration page, click **Enterprise Resource Planning**.
6. On the service page, click **Create**, select **ERP Security Configurations** in **Offering**, select **Security Configuration Option** in **Functional Area**, and then click **Next**.

← Enterprise Resource Planning

Cancel

1 — 2 — 3 — 4

Select your application areas to transfer data to the warehouse.

Offering ERP Security Configurations

Functional Area Security Configuration Option

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

Why am I missing transactions and receipts related to Multifund Accounting in Receivables subject areas?

In the Fusion Analytics Warehouse Accounts Receivables subject areas, Multifund Accounting, Detailed Receivables Distributions, and MFAR aren't currently supported.

After a recent change in the exchange rates in Oracle Fusion Cloud Applications, why am I unable to view the order amount in analytics currency for some purchase orders even though the received dates for those purchase orders are after the exchange rates date change?

Currency conversion is based on document date (creation date). If the exchange rates are available post the document creation date for those purchase orders, then the amounts aren't available in analytical currency. This is expected behaviour.

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Troubleshooting

Refer to these troubleshooting tips if you've trouble with Fusion Analytics Warehouse.

Topics:

- [I can't see data earlier than a specific date.](#)
- [Why can't I use Accounts Reconciliation or Account Analysis Foundation with Configurable Account Analysis \(CAA\)?](#)

I can't see data earlier than a specific date.

At the time of setting up the Fusion Analytics Warehouse, you need to select the Initial extract date (IED). This date is used by the pipeline to decide the data extraction start date. Any data created before this date won't be brought into the warehouse. For example, a Payables invoice was created after the IED but a Purchase order was created prior to IED. In this case, you'll see the Payables invoice and the distributions related to it, but the Purchase Order-related attributes in Payables subject area are null for that invoice. You should select the IED such that all open invoices and related transactions are included in the warehouse.

Why can't I use Accounts Reconciliation or Account Analysis Foundation with Configurable Account Analysis (CAA)?

You must enable Configurable Account Analysis (CAA) before you activate the functional areas Accounts Reconciliation or Account Analysis Foundation or both. If you've already activated Accounts Reconciliation or Account Analysis Foundation, you need to delete them in order to enable Configurable Account Analysis (CAA), and then you can activate Accounts Reconciliation or Account Analysis Foundation or both.