

**Oracle Utilities Work and Asset
Management Business Intelligence**

Metric Reference Guide

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Preface

This guide describes how to perform basic tasks using Oracle Utilities Work and Asset Management Business Intelligence. It also identifies and describes content components such as dashboards, answers, and subject areas.

Audience

This guide is intended for all users of Oracle Utilities Work and Asset Management Business Intelligence.

Related Documents

For more information, see the following documents:

- *Oracle Utilities Advanced Spatial and Operational Analytics Installation Guide*
- *Oracle Utilities Advanced Spatial and Operational Analytics Quick Install Guide*
- *Oracle Utilities Advanced Spatial and Operational Analytics Administration Guide*
- *Oracle Utilities Advanced Spatial and Operational Analytics Release Notes*
- *Oracle Utilities Advanced Spatial and Operational Analytics User's Guide*

Oracle Utilities Business Intelligence Documentation Library:

- *Oracle Utilities Business Intelligence Quick Install Guide*
- *Oracle Utilities Business Intelligence Installation Guide*
- *Oracle Utilities Business Intelligence DBA Guide*
- *Oracle Utilities Business Intelligence User's Guide*

See Also:

- *Oracle Utilities Business Intelligence V2.4.0 Server Administration Guide*
- *Oracle Utilities Application Framework V4.1 Business Process Guide*
- *Oracle Utilities Application Framework V4.1 Administration Guide*
- Oracle Utilities Customer Care and Billing Documentation Library

Typographical 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.

Chapter 1

Dashboard Content Reference

Work and Asset Analytics

Oracle Utilities Work and Asset Management Business Intelligence provides Work and Asset Analytics content in the following dashboards:

- **Overview**
- **Inventory**
- **Cost and Expenditure**
- **Maintenance**

Overview

The Overview dashboard presents metrics that provide an overview of the work management process. This dashboard allows you to place metrics on the page to give you a quick look into the overall health of the organization. The two metrics presented, by default, provide feedback related to the maintenance planning process.

- **Overall Proactive/Reactive:** This indicator metric allows you to set targets for proactive vs. reactive maintenance that needs to be performed. For example, a goal might be set to perform at over 80% proactive work, but for a period, the work order data might show 20%. Proactive work is defined as being a PM work order or a planned work order (as opposed to an emergency work order or a work order created for an unplanned situation).
- **Actual vs Estimated Total Cost:** The Actual vs. Estimated answer compares total estimated costs for planned work orders to the total actual costs that were charged. This cost information comes from the work order cost summaries in the Oracle Utilities Work and Asset Management system.

The default presents a 12-month set of information and can be filtered by a variety of qualifying information. Additional details of the materials, labor, and other costs are provided on the Cost and Expenditures Dashboard.

Inventory

- **Inventory Summary:** This table shows the total number of items and total value of those items in the Storeroom for the selected period.
- **Storeroom Transaction Volumes:** This content measures the value of the transactions moving in and out of the storeroom. The information source is found in the Oracle Utilities Work and Asset Management Storeroom Transaction Log. This metric can be filtered by Date Range, Storeroom, or Transaction Type.
- **Storeroom Stock Outs:** A stock out is defined as a material request that was unable to be fulfilled because the materials were not available. In Oracle Utilities Work and Asset

Management, stock outs are tracked in the Storeroom Transaction Log. This metric presents the number of stock outs per period for the filter criteria.

- **Storeroom Distribution of Commodity:** This pie chart displays the transaction amount of storeroom initially sliced by stock class. This metric can be filtered by commodity category, commodity name, commodity type, and storeroom.
- **Top Storeroom Over Max:** This graph displays the storerooms with top most 'value over max'.

Cost and Expenditure

- **Actual vs. Estimated Costs:** Several metrics on the Cost and Expenditure Dashboard present Actual vs. Estimate work planning information. The total costs described in the Overview Dashboard also appear on this page along with breakdowns by labor, materials, and contract costs. This information comes from work order cost summary information.
- **Asset Failure Cost:** This KPI provides information about work costs by period sliced by a variety of failure and repair codes.

Maintenance

- **Overall Proactive/Reactive:** This content presents the data from the work order data showing Proactive vs. Reactive work created over a time period. The odometer presents a representation of how you are performing against your goal.
- **Maintenance Cost:** This content presents the total amount spent on maintenance per year.
- **Work Orders by Type:** This content provides a graph showing the total number of work orders by month by type of work order.
- **Average Work Order Time:** This KPI uses the same information as the Top Longest Mean Time to Repair, but presents the information from an overall average time to complete work.
- **Average Work Order Labor Hours:** This KPI presents a similar representation of Average Work Orders but by labor hours rather than by the average time to complete the work.
- **Labor Hours:** This content provides a quick summary of the total labor hours charged to work orders in the system.
- **Top Longest Mean Time to Repair:** This KPI presents information related to the length of time it takes to complete work since it was created in the backlog to repair. The source for this information comes from the work order closeout information, where start and finish timing information is captured.
- **Assets with Highest Number of Work Orders:** This content presents the top 10 assets with multiple work orders created to repair or maintain the asset.
- **Top Spending Assets:** This KPI presents a similar representation of Asset but by cost rather than by the number of work orders created to maintain an asset.

Additional Information

The Licensing and Packaging Guide contains valuable information on the features and data structures available in Oracle Utilities Work and Asset Management Business Intelligence. The guide is provided as an Excel spreadsheet, Oracle Utilities Advanced Spatial and Operational Analytics V2.4.0 Licensing and Packaging Guide.xls. Content includes:

- A list of all of the available Oracle Utilities Business Intelligence products.
- Installer Options - the required extractors and schemas for each product.
- Subject Areas, Facts, and Dimensions.
- Dashboards and Answers - the standard dashboards available and the associated Answers along with the Answer path.

