

ORACLE

PEOPLESOFT

PeopleSoft EPM 9.1: Workforce Planning

June 2013

ORACLE

PeopleSoft EPM 9.1: Workforce Planning
CDSKU epm91pbr3
Copyright © 1999, 2013, Oracle and/or its affiliates. All rights reserved.

Trademark Notice

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

License Restrictions Warranty/Consequential Damages Disclaimer

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

Warranty Disclaimer

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

Restricted Rights Notice

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

Hazardous Applications Notice

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Third Party Content, Products, and Services Disclaimer

This software or hardware and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

Alpha and Beta Draft Documentation Notice

If this document is in preproduction status:

This documentation is in preproduction status and is intended for demonstration and preliminary use only. It may not be specific to the hardware on which you are using the software. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to this documentation and will not be responsible for any loss, costs, or damages incurred due to the use of this documentation.

Contents

| | |
|---|------------|
| Preface | vii |
| Understanding the PeopleSoft Online Help and PeopleBooks..... | vii |
| PeopleSoft Hosted Documentation..... | vii |
| Locally Installed Help..... | vii |
| Downloadable PeopleBook PDF Files..... | vii |
| Common Help Documentation..... | vii |
| Field and Control Definitions..... | viii |
| Typographical Conventions..... | viii |
| ISO Country and Currency Codes..... | ix |
| Region and Industry Identifiers..... | ix |
| Access to Oracle Support..... | x |
| Documentation Accessibility..... | x |
| Using and Managing the PeopleSoft Online Help..... | x |
| PeopleSoft EPM Related Links..... | x |
| Contact Us..... | xi |
| Follow Us..... | xi |
| Chapter 1: Getting Started with Workforce Planning | 13 |
| Workforce Planning Overview..... | 13 |
| Workforce Planning Business Processes..... | 15 |
| Workforce Planning Implementation..... | 16 |
| Common Elements Used in Workforce Planning..... | 17 |
| Deferred Processing..... | 18 |
| PeopleSoft Products..... | 18 |
| Related Product Documentation..... | 18 |
| Chapter 2: Setting Up Workforce Planning | 19 |
| Understanding Workforce Planning Setup..... | 19 |
| Reviewing Competency, Accomplishment, and Cluster Definitions..... | 20 |
| Specifying Workforce Trees..... | 20 |
| Mapping Review Ratings to Proficiencies..... | 20 |
| Page Used to Map Review Ratings to Proficiencies..... | 20 |
| Proficiency Map Page..... | 21 |
| Setting Up Workforce Planning Groups..... | 21 |
| Defining Tasks and Roles..... | 22 |
| Pages Used to Set Up Tasks and Roles..... | 22 |
| Understanding Tasks and Roles..... | 23 |
| Task Page..... | 23 |
| Specifying Accomplishment Details..... | 25 |
| Role Page..... | 26 |
| Chapter 3: Reviewing Your Workforce Competency Inventory | 29 |
| Understanding the Review Competency Inventory Process..... | 29 |
| Analyzing Workforce Competencies..... | 29 |
| Page Used to Analyze Workforce Competencies..... | 30 |
| Competency Search Page..... | 30 |
| Analyzing Organizational Competencies..... | 31 |
| Page Used to Analyze Organizational Competencies..... | 31 |
| Competency Inventory Page..... | 31 |
| Analyzing Workforce Accomplishments..... | 32 |

| | |
|---|-----------|
| Page Used to Analyze Workforce Accomplishments..... | 32 |
| Accomplishment Search Page..... | 32 |
| Analyzing Organizational Accomplishments..... | 34 |
| Page Used to Analyze Organizational Accomplishments..... | 34 |
| Accomplishment Inventory Page..... | 34 |
| Analyzing Worker Competencies and Accomplishments..... | 35 |
| Pages Used to Analyze Worker Competencies and Accomplishments..... | 35 |
| Worker Competencies Page..... | 35 |
| Worker Accomplishments Page..... | 36 |
| Chapter 4: Managing Competency Strategies and Values..... | 39 |
| Understanding Managing Competency Strategy..... | 39 |
| Defining a Competency Strategy..... | 40 |
| Pages Used to Define a Competency Strategy..... | 41 |
| Understanding Competency Strategy..... | 41 |
| Competency Strategy - Definition Page..... | 42 |
| Competency Strategy - Roles Page..... | 44 |
| Competency Strategy - Tasks Page..... | 46 |
| Competency Strategy - Competencies Page..... | 47 |
| Defining a Competency Strategy Model..... | 48 |
| Page Used to Define a Competency Strategy Model..... | 48 |
| Prerequisites..... | 48 |
| Competency Strategy Model Page..... | 49 |
| Allocating Value to Roles and Competencies (Optional)..... | 51 |
| Understanding the Value Allocation Process..... | 51 |
| Setting Up a Scenario Definition..... | 52 |
| Setting Up the Process Run Control for the Value Allocation Process..... | 52 |
| Viewing the Value Allocation Process Results..... | 53 |
| Pages Used to Review the Value Allocation Process..... | 53 |
| Role Values Page..... | 54 |
| Competency and Accomplishment Values Page..... | 55 |
| Competency Values Page..... | 57 |
| Chapter 5: Assessing the Workforce Competency Match..... | 61 |
| Understanding the Workforce Competency Match Process..... | 61 |
| Setting Up and Running the Match Process..... | 62 |
| Reviewing the Main Match Inputs..... | 62 |
| Setting Up a Constraint to Specify a Workforce Group Containing All Active Employees..... | 63 |
| Understanding the Match Process and Fit Score Calculations..... | 63 |
| Understanding the Match Process Input and Output Tables..... | 65 |
| Assessing the Competency Strategy Match and Gap..... | 65 |
| Pages Used to Assess the Competency Strategy Match and Gap..... | 66 |
| Match Results - Summary Page..... | 66 |
| Match Results - Statistics Page..... | 68 |
| Match Results - Fit Scores Page..... | 70 |
| Match Results - Fit Details Page..... | 72 |

Preface

Understanding the PeopleSoft Online Help and PeopleBooks

The PeopleSoft Online Help is a website that enables you to view all help content for PeopleSoft Applications and PeopleTools. The help provides standard navigation and full-text searching, as well as context-sensitive online help for PeopleSoft users.

PeopleSoft Hosted Documentation

You access the PeopleSoft Online Help on Oracle's PeopleSoft Hosted Documentation website, which enables you to access the full help website and context-sensitive help directly from an Oracle hosted server. The hosted documentation is updated on a regular schedule, ensuring that you have access to the most current documentation. This reduces the need to view separate documentation posts for application maintenance on My Oracle Support, because that documentation is now incorporated into the hosted website content. The Hosted Documentation website is available in English only.

Locally Installed Help

If your organization has firewall restrictions that prevent you from using the Hosted Documentation website, you can install the PeopleSoft Online Help locally. If you install the help locally, you have more control over which documents users can access and you can include links to your organization's custom documentation on help pages.

In addition, if you locally install the PeopleSoft Online Help, you can use any search engine for full-text searching. Your installation documentation includes instructions about how to set up Oracle Secure Enterprise Search for full-text searching.

See *PeopleTools 8.53 Installation* for your database platform, "Installing PeopleSoft Online Help." If you do not use Secure Enterprise Search, see the documentation for your chosen search engine.

Note: Before users can access the search engine on a locally installed help website, you must enable the Search portlet and link. Click the Help link on any page in the PeopleSoft Online Help for instructions.

Downloadable PeopleBook PDF Files

You can access downloadable PDF versions of the help content in the traditional PeopleBook format. The content in the PeopleBook PDFs is the same as the content in the PeopleSoft Online Help, but it has a different structure and it does not include the interactive navigation features that are available in the online help.

Common Help Documentation

Common help documentation contains information that applies to multiple applications. The two main types of common help are:

- Application Fundamentals

- Using PeopleSoft Applications

Most product lines provide a set of application fundamentals help topics that discuss essential information about the setup and design of your system. This information applies to many or all applications in the PeopleSoft product line. Whether you are implementing a single application, some combination of applications within the product line, or the entire product line, you should be familiar with the contents of the appropriate application fundamentals help. They provide the starting points for fundamental implementation tasks.

In addition, the *PeopleTools: PeopleSoft Applications User's Guide* introduces you to the various elements of the PeopleSoft Pure Internet Architecture. It also explains how to use the navigational hierarchy, components, and pages to perform basic functions as you navigate through the system. While your application or implementation may differ, the topics in this user's guide provide general information about using PeopleSoft Applications.

Field and Control Definitions

PeopleSoft documentation includes definitions for most fields and controls that appear on application pages. These definitions describe how to use a field or control, where populated values come from, the effects of selecting certain values, and so on. If a field or control is not defined, then it either requires no additional explanation or is documented in a common elements section earlier in the documentation. For example, the Date field rarely requires additional explanation and may not be defined in the documentation for some pages.

Typographical Conventions

The following table describes the typographical conventions that are used in the online help.

| <i>Typographical Convention</i> | <i>Description</i> |
|---------------------------------|--|
| Bold | Highlights PeopleCode function names, business function names, event names, system function names, method names, language constructs, and PeopleCode reserved words that must be included literally in the function call. |
| <i>Italics</i> | Highlights field values, emphasis, and PeopleSoft or other book-length publication titles. In PeopleCode syntax, italic items are placeholders for arguments that your program must supply. Italics also highlight references to words or letters, as in the following example: Enter the letter <i>O</i> . |
| Key+Key | Indicates a key combination action. For example, a plus sign (+) between keys means that you must hold down the first key while you press the second key. For Alt+W, hold down the Alt key while you press the W key. |
| Monospace font | Highlights a PeopleCode program or other code example. |
| ... (ellipses) | Indicate that the preceding item or series can be repeated any number of times in PeopleCode syntax. |

| Typographical Convention | Description |
|---------------------------------|--|
| { } (curly braces) | Indicate a choice between two options in PeopleCode syntax. Options are separated by a pipe (). |
| [] (square brackets) | Indicate optional items in PeopleCode syntax. |
| & (ampersand) | When placed before a parameter in PeopleCode syntax, an ampersand indicates that the parameter is an already instantiated object. Ampersands also precede all PeopleCode variables. |
| => | This continuation character has been inserted at the end of a line of code that has been wrapped at the page margin. The code should be viewed or entered as a single, continuous line of code without the continuation character. |

ISO Country and Currency Codes

PeopleSoft Online Help topics use International Organization for Standardization (ISO) country and currency codes to identify country-specific information and monetary amounts.

ISO country codes may appear as country identifiers, and ISO currency codes may appear as currency identifiers in your PeopleSoft documentation. Reference to an ISO country code in your documentation does not imply that your application includes every ISO country code. The following example is a country-specific heading: "(FRA) Hiring an Employee."

The PeopleSoft Currency Code table (CURRENCY_CD_TBL) contains sample currency code data. The Currency Code table is based on ISO Standard 4217, "Codes for the representation of currencies," and also relies on ISO country codes in the Country table (COUNTRY_TBL). The navigation to the pages where you maintain currency code and country information depends on which PeopleSoft applications you are using. To access the pages for maintaining the Currency Code and Country tables, consult the online help for your applications for more information.

Region and Industry Identifiers

Information that applies only to a specific region or industry is preceded by a standard identifier in parentheses. This identifier typically appears at the beginning of a section heading, but it may also appear at the beginning of a note or other text.

Example of a region-specific heading: "(Latin America) Setting Up Depreciation"

Region Identifiers

Regions are identified by the region name. The following region identifiers may appear in the PeopleSoft Online Help:

- Asia Pacific
- Europe
- Latin America

- North America

Industry Identifiers

Industries are identified by the industry name or by an abbreviation for that industry. The following industry identifiers may appear in the PeopleSoft Online Help:

- USF (U.S. Federal)
- E&G (Education and Government)

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Documentation Accessibility

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

Using and Managing the PeopleSoft Online Help

Click the Help link in the universal navigation header of any page in the PeopleSoft Online Help to see information on the following topics:

- What's new in the PeopleSoft Online Help.
- PeopleSoft Online Help accessibility.
- Accessing, navigating, and searching the PeopleSoft Online Help.
- Managing a locally installed PeopleSoft Online Help website.

PeopleSoft EPM Related Links

[My Oracle Support](#)

[PeopleSoft Information Portal on Oracle.com](#)

[PeopleSoft Training from Oracle University](#)

[PeopleSoft Video Feature Overviews on YouTube](#)

Contact Us

Send us your suggestions Please include release numbers for the PeopleTools and applications that you are using.

Follow Us



Get the latest PeopleSoft updates on [Facebook](#).



Follow PeopleSoft on [Twitter@PeopleSoft_Info](#).

Chapter 1

Getting Started with Workforce Planning

Workforce Planning Overview

PeopleSoft Workforce Planning is an analytical application that you use to review the skills that your workforce has, which skills it needs, and what needs to be done to obtain those skills. With Workforce Planning you:

- Create a central repository of all of your organization's competencies and accomplishments, from PeopleSoft HRMS and other sources, in the Operational Warehouse - Enriched (OWE).
- Compile and review an inventory of your current workforce's competencies and accomplishments.
- Define your organization's current competency strategy, or other alternate, and forward-looking competency strategies.
- Analyze the match, and gap, between the current workforce competency inventory and the competency strategy requirements to determine what competencies you require.
- Conduct in-depth analysis of competency requirements.
- Link strategic goals and competencies directly to individual employees.
- Determine knowledge capital needs for mid- to long-term business planning.
- Reduce hiring time and expense, lower training costs, and increase productivity across the organization.

Process Flow

To set up and use Workforce Planning, you:

1. Set up EPM Foundation and the Operational Warehouse - Enriched (OWE).
2. Import, by ETL, data from HRMS source tables into the OWE.
3. Create a centralized repository of all your internal and external workforce and competency data, in the OWE.
4. Perform setup tasks specific to Workforce Planning for trees, workforce groups, mapping proficiency, tasks, and roles.
5. Review the inventory of workforce competencies.
6. Define competency strategies and set up competency models.
7. (Optional) Run the Value Allocation process.
8. Run the Match process.

9. Assess the match between the workforce competency inventory and the competency strategies.

See *PeopleSoft Enterprise Performance Management Fundamentals*

See *PeopleSoft Workforce Analytic Applications*

Workforce Planning Business Processes

This application is part of the Development and Deployment business processes.

Image: High-level business process diagram for Workforce Planning — part 1

The following process flow illustrates the Workforce Planning processes.

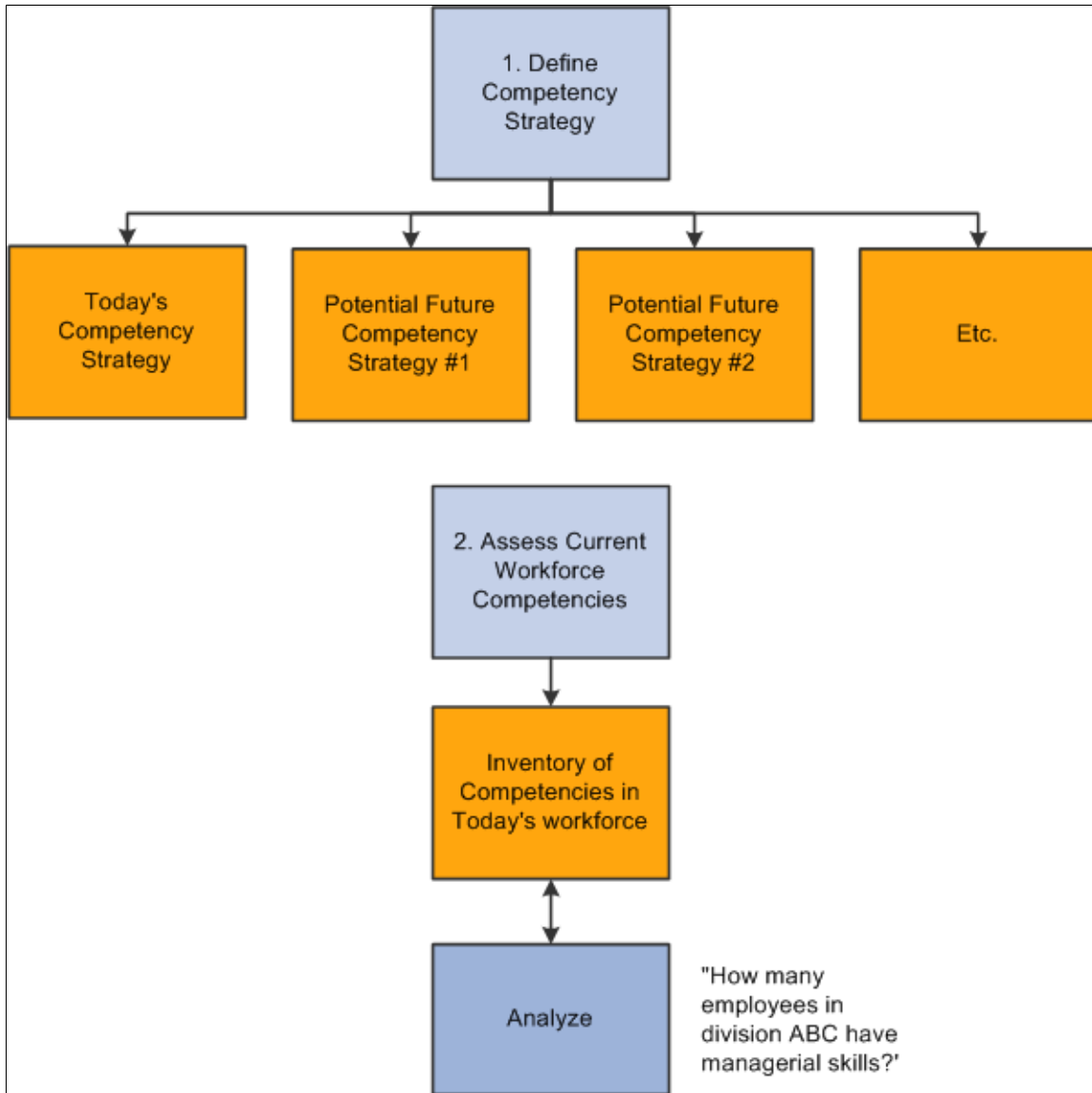
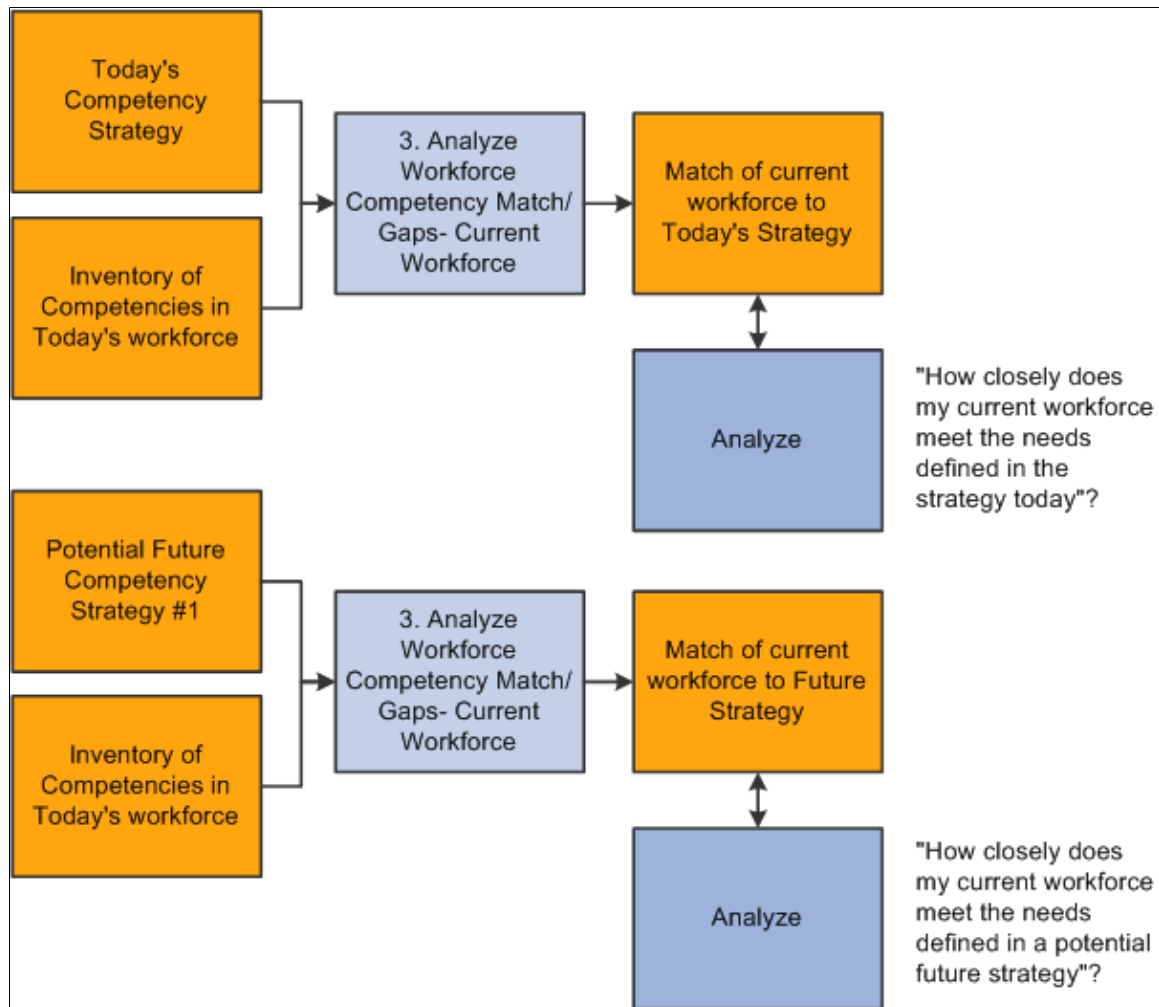


Image: High-level business process diagram for Workforce Planning — part 2

The following process flow illustrates the Workforce Planning processes.



Workforce Planning Implementation

PeopleSoft Setup Manager enables you to generate a list of setup tasks for your organization based on the features that you are implementing. The setup tasks include the components that you must set up, listed in the order in which you must enter data into the component tables, and links to the corresponding documentation.

Other Sources of Information

In the planning phase of your implementation, take advantage of all PeopleSoft sources of information, including the installation guides, ETL job reports, and data models. A complete list of these resources is in the preface, with information about where to find the most current version of each.

See the product documentation for

PeopleTools: PeopleSoft Setup Manager

Common Elements Used in Workforce Planning

This section lists common elements used in Workforce Planning.

| | |
|-----------------------|--|
| SetID | Provides the ID code for a TableSet. A TableSet is a group of tables (records) necessary to define your company's structure and processing options. |
| Effective Date | Establishes the date that the row in the table becomes effective. It determines when you can view and change the information. Pages and batch processes that use the information use the current row. |
| Status | Indicates whether a row in a table is active or inactive. You cannot select inactive rows on pages or use them for running batch processes. |
| Description | Allows free-flow text up to 30 characters that describes what you are defining. |
| Run Control ID | Identifies specific run control settings for a process or report. |
| Report ID | Identifies the report. |
| Program Name | Provides the PeopleSoft Enterprise Performance Management program name for which you are running the report or process. |
| When | Specifies the frequency with which you want to run a process. You can choose <i>Once, Always, or Don't</i> . |
| Last Run On | Indicates the date on which the report or process was last run. |
| As Of Date | Indicates the last date for which the report or process includes data. |
| Scenario ID | Provides an identifier for a specific scenario. |
| Model ID | Provides an identifier for a model. A model uniquely identifies the types of data that you want to include in a scenario. For example, you might want to review revenue by region at a very high-level scope. Or, if you use Workforce Planning, you might want to review only those activities that relate to a certain product line for certain types of resources from a very narrow scope. |
| Fiscal Year | Specifies the fiscal year for your scenario or process run. |
| Period | Specifies the accounting period for the object that is being defined or the process that is being run. |
| Job ID | Specifies an instance of an engine. |

Deferred Processing

Several pages in Workforce Planning operate in deferred processing mode. Most fields on these pages are not updated or validated until you save the page or refresh it by clicking a button, link, or tab. This delayed processing has various implications for the field values on the page. For example, if a field contains a default value, any value that you enter before the system updates the page overrides the default. Another implication is that the system updates quantity balances or totals only when you save or otherwise refresh the page.

PeopleSoft Products

This PeopleBook refers to these PeopleSoft products from Oracle:

- Oracle's PeopleSoft Workforce Rewards.
- Oracle's PeopleSoft HRMS.

Related Product Documentation

The *PeopleSoft Workforce Planning* provides implementation and processing information for Workforce Planning.

Additional, essential information describing the setup and design of your system appears in these companion volumes of documentation:

- *PeopleSoft Enterprise Performance Management Fundamentals*

This book provides information that is needed to complete the core setup for all PeopleSoft EPM applications. It also describes the system architecture, the mapping of data into the warehouse, and EPM Foundation tools and processes.

- *PeopleSoft Workforce Analytic Applications*

Workforce Planning shares setup with other workforce analytic applications. Much of this setup is described in this book.

Chapter 2

Setting Up Workforce Planning

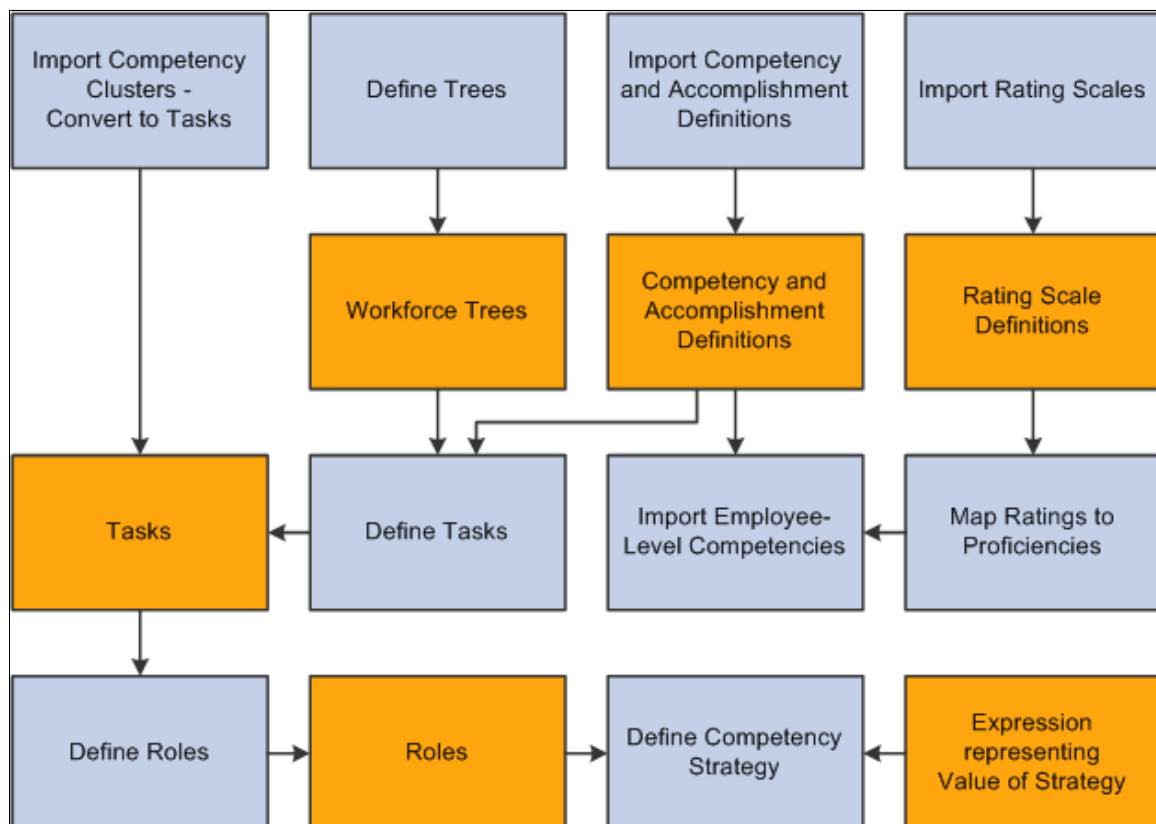
Understanding Workforce Planning Setup

To set up Workforce Planning, you perform the following steps:

1. Review data that is imported from HRMS.
2. Specify workforce trees (after you have created your workforce trees).
3. Map review ratings to proficiencies (after loading the competency definitions and rating scales, but prior to loading employee-level competency information).
4. Define workforce groups.
5. Define tasks.
6. Define roles.

Image: Conceptual overview of the Workforce Planning setup tasks

This diagram provides a conceptual overview of these setup steps.



Reviewing Competency, Accomplishment, and Cluster Definitions

Review data that is imported from HRMS and loaded into the data warehouse tables, using pages in the EPM Foundation, Business Metadata, OW-E Dimension Maintenance, HRMS menu. For example, use pages in this menu to review competency, accomplishment, and cluster definitions. This information is documented in the *PeopleSoft Workforce Analytic Applications*

Specifying Workforce Trees

You use the Workforce Analytics, Workforce Analytics Setup, Setup Workforce Trees page to specify the names of the workforce trees that the Workforce Planning system is to use. This page is documented in the *PeopleSoft Workforce Analytic Applications*

Mapping Review Ratings to Proficiencies

Use the Proficiency Map page to map review ratings from HRMS to proficiency levels. When you complete this page is important. The overall sequence of events for using this page is:

1. Load HRMS rating models and review ratings into the data warehouse tables.
2. Use the Proficiency Map page in Workforce Planning to map review rating values to proficiency levels.
3. Load employee-level competencies from HRMS.

The system converts rated proficiencies to the standard values that are mapped in the Proficiency Map page.

4. View the results on the Review Competency Inventory Worker Competencies page.

A grid tab called Rating from Source shows the original proficiency rating.

5. The Workforce Match process assumes that all proficiencies are converted to the mapped values.

Page Used to Map Review Ratings to Proficiencies

| Page Name | Definition Name | Navigation | Usage |
|------------------|------------------------|--|---|
| Proficiency Map | WA_RATING_MAP | Workforce Analytics, Workforce Planning, Setup and Process, Setup Proficiency Map, Proficiency Map | Map a standard proficiency level to each HRMS review model and review rating combination. |

Proficiency Map Page

Use the Proficiency Map page (WA_RATING_MAP) to map a standard proficiency level to each HRMS review model and review rating combination.

Navigation

Workforce Analytics, Workforce Planning, Setup and Process, Setup Proficiency Map, Proficiency Map

Image: Proficiency Map page

This example illustrates the fields and controls on the Proficiency Map page. You can find definitions for the fields and controls later on this page.

| Proficiency Map | | | Customize Find View All [Grid Icon] First 1-6 of 6 Last | |
|-----------------|-------------|--------------|---|---|
| *Review Rating | Description | *Proficiency | | |
| 0 | 0-None | 0-None | + | - |
| 1 | 1-Little | 1-Little | + | - |
| 2 | 2-Fair | 2-Fair | + | - |
| 3 | 3-Good | 3-Good | + | - |
| 4 | 4-Very Good | 4-Very Good | + | - |
| 5 | 5-Expert | 5-Expert | + | - |

Note: Prompt list values for the rating model are from the WA_RTGM DL_R00 table.

Review Rating

For each review rating in the Rating Model field, the system provides a row of data in the grid. Prompt list values for the review rating are from the WA_REVWRTG_R00 table.

Proficiency

For each rating model and review rating combination, select the appropriate proficiency level. The system uses this mapping when you load employee-level competency information.

Setting Up Workforce Planning Groups

In Workforce Planning, you use workforce groups on the Competency Strategy Model page to define the workers who are candidates for the Match process. You set up workforce groups in the Workforce Group setup component. Review the results of the group build process using the Workforce Group inquiry page. These pages are documented in the *PeopleSoft Workforce Analytic Applications*

Note: If you do not see the results of your workforce groups in the Workforce Groups inquiry page, the reason may be row-level security. In addition to PeopleTools page security, you can strictly limit access to scenarios using scenario-level security. The Workforce Group inquiry page features scenario-level security, because other workforce analytic applications using this page require this type of row-level security. You may need to add the scenario to EPM Security by going to EPM Foundation, EPM Security, Security By User, User Dimension Access, *or* EPM Foundation, EPM Security, Security By Role, Role Dimension Access. Then Run the process to Update Security using EPM Foundation, EPM Security, Advanced, Request Security Processing.

Related Links

"Understanding Workforce Groups and Group Sets (*PeopleSoft EPM 9.1: Workforce Analytic Applications*)"

Defining Tasks and Roles

To define tasks and roles, use the WA_TASK_D00.GBL and WA_ROLE_D00.GBL components.

This section provides an overview of tasks and roles and discusses how to:

- Set up tasks.
- Specify accomplishment details.
- Set up roles.

Pages Used to Set Up Tasks and Roles

| Page Name | Definition Name | Navigation | Usage |
|-------------------------------|------------------------|--|---|
| Task | WA_TASK_D00 | Workforce Analytics, Workforce Planning, Setup and Process, Setup Task, Task | Define tasks as a collection of competencies and accomplishments that are needed for you to perform a particular task. You use these task definitions on the Role setup page to define roles. |
| Degree Details | WA_TASKACMP_EDU_SP | Click the Degree Details link on the Task page. | Enter additional details for an accomplishment that is a degree. |
| License/Certification Details | WA_TASKACMP_LIC_SP | Click the License/Certification Details link on the Task page. | Enter additional details for an accomplishment that is a license or certification. |
| Language Details | WA_TASKACMP_LNG_SP | Click the Language Details link on the Task page. | Enter additional details for an accomplishment that is a language. |

| Page Name | Definition Name | Navigation | Usage |
|-------------------------------|------------------------|--|--|
| Role | WA_ROLE_D00 | Workforce Analytics, Workforce Planning, Setup and Process, Setup Role, Role | Define roles, which are groupings of competencies, accomplishments, and tasks that are required for you to perform a certain function in the organization. |
| Degree Details | WA_ROLEACMP_EDU_SP | Click the Degree Details link on the Role page. | Enter additional details for an accomplishment that is a degree. |
| License/Certification Details | WA_ROLEACMP_LIC_SP | Click the License/Certification Details link on the Role page. | Enter additional details for an accomplishment that is a license or certification. |
| Language Details | WA_ROLEACMP_LNG_SP | Click the Language Details link on the Role page. | Enter additional details for an accomplishment that is a language. |

Understanding Tasks and Roles

In Workforce Planning, a role is a grouping of competencies, accomplishments, and tasks that are required for a worker to perform a certain function in the organization. In HRMS, a role is defined by a job code, position, job task, or job family. In Workforce Planning, we exclude job task and job family from our role definition. HRMS roles that are defined by job code or position are mapped and imported as a Workforce Planning role during data migration. Use the Roles page both to edit imported or existing roles and to create new roles.

In Workforce Planning, a task is a sub-grouping of competencies and accomplishments that are required for you to perform a task within a role. In HRMS, these are called competency clusters. Competency clusters that are defined in HRMS are mapped and imported as Workforce Planning tasks during data migration. In addition, roles that are defined in HRMS as job tasks or job families are also mapped and imported as Workforce Planning tasks. Use the Tasks page both to edit imported and existing tasks and to create new tasks.

Task Page

Use the Task page (WA_TASK_D00) to define tasks as a collection of competencies and accomplishments that are needed for you to perform a particular task.

You use these task definitions on the Role setup page to define roles.

Navigation

Workforce Analytics, Workforce Planning, Setup and Process, Setup Task, Task

Image: Task page

This example illustrates the fields and controls on the Task page. You can find definitions for the fields and controls later on this page.

Task

SetID: SHARE Task: W0004

Task Definition Find | View All First 1 of 1 Last

*Effective Date: 01/01/1980 *Status: Active

*Description: Doc Translation-Spanish

Default Importance: 0-None

Competencies Customize | Find First 1-2 of 2 Last

| *Competency | Description | Proficiency | Years of Work Experience | Importance |
|-------------|----------------------|-------------|--------------------------|------------|
| 0130 | Meets Deadlines | 3-Good | | 4-High |
| 0502 | Communication Skills | 3-Good | | 4-High |

Accomplishments Customize | Find First 1 of 1 Last

| *Accomplishment | Accomplishment Category | Description | Importance |
|-----------------|-------------------------|-------------|------------|
| SP | Language | Spanish | 6-Required |

Task Definition

Default Importance

Select a value from the list of translate table values. Valid values for this field, and for the Importance field used elsewhere on this page, provide a relative importance scale from 0 to 6 with the following meanings:

- 0: None
- 1: Least
- 2: Low
- 3: Medium
- 4: High
- 5: Highest
- 6: Required

Clone Task

In Add or Correction mode, you can use this field to select an existing task definition, clone it, and then modify it to save time and effort when creating a new but similar task definition.

Competencies

| | |
|--|--|
| Competency | Select a competency from the list of prompt values, which are from the COMPETENCY_D00 table. |
| Select from Competency Tree | Click this button or select a competency from the Competency tree. To select additional competencies for this task, add rows of data. |
| Proficiency and Yrs Experience (years experience) | For each competency indicate the required Proficiency level and Yrs Experience (years of experience). The Proficiency and Yrs Experience are used in the Match process to evaluate the relative fit of a workers tasks and competencies within a competency strategy. |
| Importance | For each competency, indicate the required importance. This is used in the Match processes to evaluate the relative value or fit of a worker's tasks and competencies within a competency strategy. The importance is used in the Value Allocation process to allocate the strategy value to the competencies. |

Accomplishments

Select an accomplishment from the list of prompt values, which are from the ACCOMP_D00 table. To select additional accomplishments for this task, add rows of data.

When you select an accomplishment, the system displays the Accomplishment Category. Valid values are *Test, Membership, National Vocational Qualification, Honor/Award, Degree, Lic/Certif* (license or certification), and *Language*.

If the accomplishment that you select is a degree, license or certification or language, the system displays the Degree Details, License/Certification Details, or Language Details links, as applicable. Click one of these links to access the Degree Details, License/Certification Details, or Language Details page. Collectively, these three pages are called the Accomplishment Details pages.

For each accomplishment, indicate the required importance. The importance is used in the Match processes to evaluate the relative value or to fit a worker's tasks and accomplishments within a competency strategy. The importance is used in the Value Allocation process to allocate the strategy value to the accomplishments.

Specifying Accomplishment Details

You can access the Accomplishment Details pages using the links on the Task page or from other pages in the system. The Accomplishment Details pages are simple pages with only one or a few fields on each, as summarized in the following table:

| Page | Fields | Usage |
|-------------------------------|-------------------|--|
| Degree Details | Major Code | Select a code for the primary major for which the degree was granted. |
| License/Certification Details | Country and State | Indicate the country and state that the license or certification was granted by. |

| Page | Fields | Usage |
|------------------|--|---|
| Language Details | Reading Proficiency, Speaking Proficiency, and Writing Proficiency | Indicate the appropriate proficiency level for each of these fields. Valid values are <i>Low</i> , <i>Moderate</i> and <i>High</i> . The proficiency is used in the Match process to evaluate the relative fit of a worker's language accomplishment within a competency strategy. |

Role Page

Use the Role page (WA_ROLE_D00) to define roles, which are groupings of competencies, accomplishments, and tasks that are required for you to perform a certain function in the organization.

Navigation

Workforce Analytics, Workforce Planning, Setup and Process, Setup Role, Role

Image: Role page

This example illustrates the fields and controls on the Role page. You can find definitions for the fields and controls later on this page.

Role
 SetID: SHARE Role: 1053 Role Type: Job Code

Role Definition Find | View All First 1 of 1 Last

*Effective Date: 01/01/1980 *Status: Active

*Description: Financial Analyst

Tasks Customize | Find | First 1 of 1 Last

| *Task | Description | Importance |
|-------|-------------|------------|
| | | 0-None |

Competencies Customize | Find | First 1-2 of 2 Last

| *Competency | Description | Proficiency | Years of Work Experience | Importance |
|-------------|--------------------|-------------|--------------------------|------------|
| 1015 | Spreadsheet | 3-Good | | 3-Medium |
| 8004 | Financial Analysis | 3-Good | | 5-Highest |

Accomplishments Customize | Find | First 1 of 1 Last

| *Accomplishment | Accomplishment Category | Description | Importance |
|-----------------|-------------------------|---------------------|------------|
| BS | Degree | Bachelor of Science | 1-Least |

Valid values for role type are:

Job Code

For roles loaded from HRMS job data.

Position

For roles loaded from HRMS position data.

Qualification Profile

Reserved for future use (integration with PeopleSoft Resource Management application).

External Dictionary For roles loaded from a third-party dictionary provider.

External Competency Management For roles loaded from a non-PeopleSoft competency management system.

Role Definition

Clone Role In Add or Correction mode, you can use the Clone Role field to select an existing role definition, clone it, and then modify it to save time and effort when creating a new but similar role definition.

Tasks

Task Select a task, if applicable, from the prompt list values. Values are from the WA_TASK_D00 table. When you add a task to a role, the system imports the task competencies and accomplishments.

Note: Later, if a source task is changed (to include additional competencies, for example), the system does not propagate the change to the existing roles that incorporate the task.

Importance Indicate the importance of the task. The importance is used in the Match processes to evaluate the relative value or fit of a worker's role tasks in a given competency strategy. The importance is also used in the Value Allocation process to allocate the strategy value to the competencies and accomplishments.

View Details When you select a task, the system displays the View Details link. Click this link to open a new window to the Task page, and review the task definition.

Competencies and Accomplishments Group Boxes

Competency and Accomplishment The fields in the Competencies and Accomplishments group boxes are the same fields as described in the page discussion for the Task page.

Chapter 3

Reviewing Your Workforce Competency Inventory

Understanding the Review Competency Inventory Process

You can view a list of the competencies that are possessed by a single worker or by the entire workforce. You can limit the scope of this inventory by searching on a variety of dimensions such as department, location, company, job code, business unit, or employee ID.

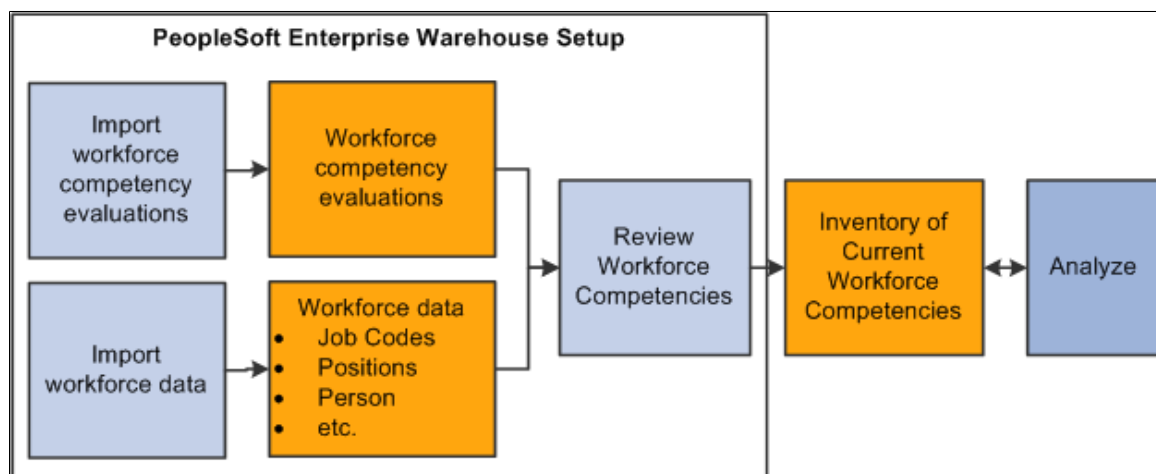
You can use the data to answer questions and analyze trends. For example, you can answer questions such as:

- How many employees in Department 0125, Human Resources, have managerial skills?
- Which office locations have the greatest number of people who are Certified Public Accountants (CPAs)?

You don't need to perform additional Workforce Planning setup or processing to review the imported competency inventory. The inquiry pages that you use to review the workforce competencies and accomplishments use table views of the WA_COMPNTNCY_F00 and WA_ACMPLISH_F00 tables.

Image: Leveraging the repository of data in the Operational Warehouse - Enriched

The following diagram illustrates this overall process.



Analyzing Workforce Competencies

You can analyze your workforce competencies with the Competency Search page.

This section discusses how to search for competencies.

Page Used to Analyze Workforce Competencies

| Page Name | Definition Name | Navigation | Usage |
|-------------------|-----------------|---|---|
| Competency Search | WA_WP_CMPT_INV | Workforce Analytics, Workforce Planning, Review and Analyze, Search Competency, Competency Search | Search for a list of employees having a specified competency. |

Competency Search Page

Use the Competency Search page (WA_WP_CMPT_INV) to search for a list of employees having a specified competency.

Navigation

Workforce Analytics, Workforce Planning, Review and Analyze, Search Competency, Competency Search

Image: Competency Search page

This example illustrates the fields and controls on the Competency Search page. You can find definitions for the fields and controls later on this page.

The screenshot shows the 'Competency Search' interface. At the top, the search criteria are set to 'Competency: 0300 Resource Planning'. Below this are several filter fields: Department, Location, Company, Job Code, Empl Status, Empl Class, Empl Type, Full/Part Time, Per Status, Per Type, Gender, *Sort By (set to Emplid), Minimum Date, and *Maximum Date (set to 03/18/2010). A 'Search' button is located to the right of these filters.

The search results are displayed in a table with the following columns: Empl ID, Name, Proficiency, Years of Work Experience, Year Last Used, Year Acquired, and As Of Date. The results show 6 employees:

| Empl ID | Name | Proficiency | Years of Work Experience | Year Last Used | Year Acquired | As Of Date |
|---------|-------------------|-------------|--------------------------|----------------|---------------|------------|
| WD0027 | Miano, Yolanda | 4-Very Good | 15.0 | 2001 | 1990 | 11/30/1990 |
| WD0028 | Chandler, Kody | 3-Good | 10.0 | 2001 | 1990 | 04/23/1990 |
| WD0029 | Diaz, Valente | 2-Fair | 10.0 | 2001 | 1990 | 12/27/1990 |
| WD0030 | Johnson, Hugh | 2-Fair | 10.0 | 2001 | 1990 | 08/13/1990 |
| WD0033 | Nichta, Issac | 4-Very Good | 15.0 | 2001 | 1996 | 06/15/1996 |
| WD0034 | Bergsten, Darlene | 4-Very Good | 15.0 | 2001 | 1996 | 06/15/1996 |

At the bottom of the results section, it says 'Inventory Count: 6'.

Narrowing Search Criteria

To answer specific queries or questions, use any of the multiple dimensions at the top of the page to narrow the search criteria.

The bottom of the page displays the search results for each worker who meets the search criteria. The results come from the WA_WP_CMPT_VW table.

| | |
|------------------------|--|
| Sort By | Select <i>EmplID</i> or <i>Name</i> to sort the search results. |
| Search | Click to initiate the search. |
| Inventory Count | Displays the total number of workers who meet the current search criteria. |

Competency Details Tab

Proficiency is converted to a common Workforce Planning scale during data loading, based on the values that are entered on the Map Proficiency page.

Rating From Source Tab

The page displays the rating model and review rating before they are converted to the Workforce Planning proficiency scale. For example, if you load data from Human Resources, this page shows the rating model and review rating used within Human Resources.

Job Details Tab

This information comes from the JOB_F00 table.

Personal Details Tab

This information comes from the PERSONAL_D00 table.

Analyzing Organizational Competencies

You can review your competency inventory for your organization using the Competency Inventory page.

This section discusses how to review your competency inventory.

Page Used to Analyze Organizational Competencies

| Page Name | Definition Name | Navigation | Usage |
|----------------------|------------------------|--|---|
| Competency Inventory | WA_WP_CMPT_INV_ORG | Workforce Analytics, Workforce Planning, Review and Analyze, Review Competency Inventory, Competency Inventory | Search for competencies by organizational unit, such as department, location, company, or job code. |

Competency Inventory Page

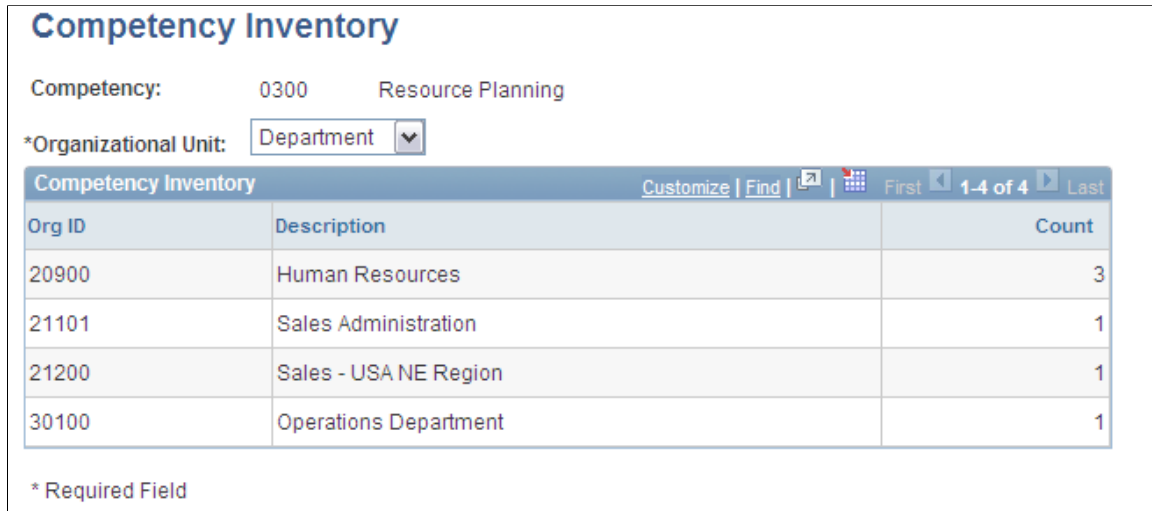
Use the Competency Inventory page (WA_WP_CMPT_INV_ORG) to search for competencies by organizational unit, such as department, location, company, or job code.

Navigation

Workforce Analytics, Workforce Planning, Review and Analyze, Review Competency Inventory, Competency Inventory

Image: Competency Inventory page

This example illustrates the fields and controls on the Competency Inventory page. You can find definitions for the fields and controls later on this page.



The count is the number of workers in the organizational unit who have the competency. Results are from the WA_WP_CMPORG_VW table. Use Organizational Unit to view data by *Company, Department, Jobcode, or Location*.

Analyzing Workforce Accomplishments

You can review and analyze your workforce accomplishments using the Accomplishment Search page.

This section discusses how to search for workforce accomplishments.

Page Used to Analyze Workforce Accomplishments

| Page Name | Definition Name | Navigation | Usage |
|-----------------------|-----------------|---|---|
| Accomplishment Search | WA_WP_ACMP_INV | Workforce Analytics, Workforce Planning, Review and Analyze, Search Accomplishment, Accomplishment Search | Search for a list of employees having a specified accomplishment. |

Accomplishment Search Page

Use the Accomplishment Search page (WA_WP_ACMP_INV) to search for a list of employees having a specified accomplishment.

Navigation

Workforce Analytics, Workforce Planning, Review and Analyze, Search Accomplishment, Accomplishment Search

Image: Accomplishment Search page

This example illustrates the fields and controls on the Accomplishment Search page. You can find definitions for the fields and controls later on this page.

Accomplishment Search

Accomplishment: 1008 Programmer's Aptitude Test

Department: Empl Status: Per Status: *Sort By:
 Location: Empl Class: Per Type: Minimum Date:
 Company: Empl Type: Gender: *Maximum Date:
 Job Code: Full/Part Time:

Search Results Customize | Find | First 1-9 of 9 Last

Accomplishment Details |
 Organization Details |
 Job Details |
 Personal Details

| Empl ID | Name | Reading Proficiency | Speaking Proficiency | Writing Proficiency | Country | State | As Of Date |
|---------|---------------------|---------------------|----------------------|---------------------|---------|-------|------------|
| W0001 | Adams, Richard | | | | | | 01/15/1990 |
| W0005 | Espinoza, David | | | | | | 01/15/1990 |
| W0010 | Judson, Gina | | | | | | 01/15/1997 |
| WD0035 | Aquillino, Beatrice | | | | | | 01/15/1996 |
| WD0036 | Buckalew, Ginger | | | | | | 01/15/1996 |
| WD0037 | Puddephatt, Leo | | | | | | 01/15/1996 |
| WD0038 | Drake, Marilyn | | | | | | 01/15/1996 |
| WD0039 | Justin, Clare | | | | | | 01/15/1996 |
| WD0040 | Hunsberger, Carlton | | | | | | 01/15/1996 |

Inventory Count: 9

Narrowing Your Search

At the bottom of the page, the system displays the search results for each worker who meets the search criteria. The results come from the WA_WP_ACMP_VW table.

Sort By Select *EmplID* or *Name* to sort the search results.

Search Click to initiate the search.

Inventory Count Displays the total number of workers who meet the current search criteria.

Job Details Tab

This information is from the JOB_F00 table.

Personal Details Tab

This information is from the PERSONAL_D00 table.

Analyzing Organizational Accomplishments

You can review your organizational accomplishments using the Accomplishment Inventory page.

This section discusses how to review your accomplishment inventory.

Page Used to Analyze Organizational Accomplishments

| Page Name | Definition Name | Navigation | Usage |
|--------------------------|--------------------|--|--|
| Accomplishment Inventory | WA_WP_ACMP_INV_ORG | Workforce Analytics, Workforce Planning, Review and Analyze, Review Accomplishment, Accomplishment Inventory | Search for accomplishments by organizational unit, such as department, location, company, or job code. |

Accomplishment Inventory Page

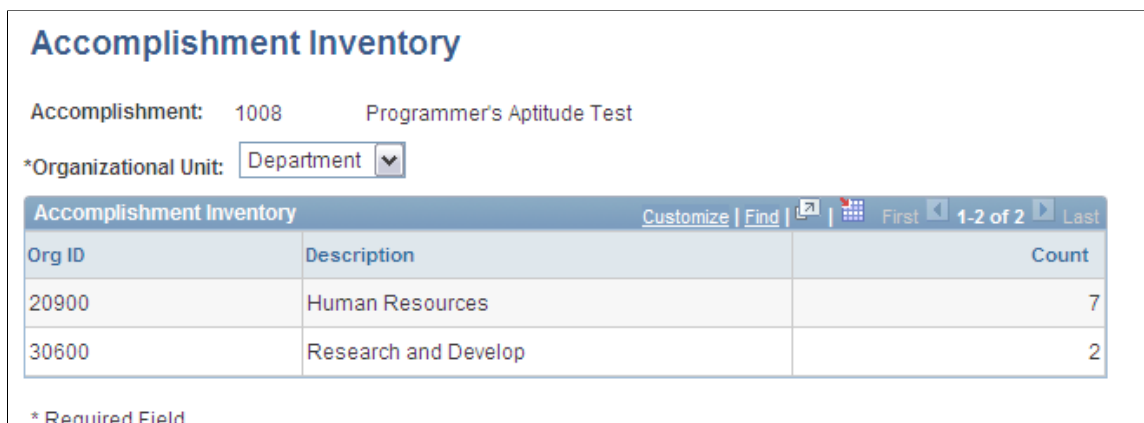
Use the Accomplishment Inventory page (WA_WP_ACMP_INV_ORG) to search for accomplishments by organizational unit, such as department, location, company, or job code.

Navigation

Workforce Analytics, Workforce Planning, Review and Analyze, Review Accomplishment, Accomplishment Inventory

Image: Accomplishment Inventory page

This example illustrates the fields and controls on the Accomplishment Inventory page. You can find definitions for the fields and controls later on this page.



The count is the number of workers in the organizational unit who have the accomplishment. Results are from the WA_WP_ACMORG_VW table. Use the Organizational Unit field to sort results by *Company, Department, Jobcode, or Location*.

Analyzing Worker Competencies and Accomplishments

This section discusses how to:

- Review and update worker competencies.
- Review and update worker accomplishments.

Pages Used to Analyze Worker Competencies and Accomplishments

| <i>Page Name</i> | <i>Definition Name</i> | <i>Navigation</i> | <i>Usage</i> |
|------------------------|------------------------|--|---|
| Worker Competencies | WA_COMPTNCY_F00 | Workforce Analytics, Workforce Planning, Setup and Process, Worker Competencies, Worker Competencies | Generate a list of the competencies for a specified employee. |
| Worker Accomplishments | WA_ACMPLISH_F00 | Workforce Analytics, Workforce Planning, , Setup and Process, Worker Accomplishments, Worker Accomplishments | Generate a list of accomplishments for a specified employee. |

Worker Competencies Page

Use the Worker Competencies page (WA_COMPTNCY_F00) to generate a list of the competencies for a specified employee.

Navigation

Workforce Analytics, Workforce Planning, Setup and Process, Worker Competencies, Worker Competencies

Image: Worker Competencies page

This example illustrates the fields and controls on the Worker Competencies page. You can find definitions for the fields and controls later on this page.

| *Competency | Description | As Of Date | *Proficiency | Rel Work Exper | Year Last Used | Year Acquired | | |
|-------------|--------------------------------|------------|--------------|----------------|----------------|---------------|---|---|
| 0241 | Works well under pressure | 01/01/1982 | 3-Good | 5.0 | 2001 | 1982 | + | - |
| 0510 | Leadership | 01/01/1982 | 3-Good | 5.0 | 2001 | 1982 | + | - |
| 2001 | Computer Literacy | 01/01/1982 | 3-Good | 5.0 | 2001 | 1982 | + | - |
| 2003 | Programming | 01/01/1982 | 3-Good | 5.0 | 2001 | 1982 | + | - |
| 2004 | Systems Analysis | 01/01/1982 | 1-Little | 5.0 | 2001 | 1982 | + | - |
| 2021 | C++ Programming | 01/01/1982 | 3-Good | 5.0 | 2001 | 1982 | + | - |
| 2027 | Presentation Manager | 01/01/1982 | 1-Little | 5.0 | 2001 | 1982 | + | - |
| 2300 | Subject Matter Expertise (SME) | 01/01/1982 | 4-Very Good | | | 1982 | + | - |
| 2301 | Design Interactive Web Page | 01/01/1982 | 4-Very Good | | | 1982 | + | - |
| 2302 | Develop Stable Intranet Env | 01/01/1982 | 3-Good | | | 1982 | + | - |
| 2303 | Meets Deadlines | 01/01/1982 | 4-Very Good | | | 1982 | + | - |
| 2304 | Mentors Others | 01/01/1982 | 4-Very Good | | | 1982 | + | - |
| 2305 | Manage Less than 10 Employees | 01/01/1982 | 4-Very Good | | | 1982 | + | - |
| 2306 | Use of Best Practices | 01/01/1982 | 3-Good | | | 1982 | + | - |
| 2307 | Knowledge of Web Security | 01/01/1982 | 4-Very Good | | | 1982 | + | - |

The system displays the competencies for this employee. Results come from the WA_COMPENCY_F00 table. You can add rows of data to this page.

Competencies Tab

Proficiency is converted to a common Workforce Planning scale during data loading, based on the values that are entered on the Map Proficiency page.

Rating From Source Tab

The page uses the rating model and review rating before they are converted to the Workforce Planning proficiency scale. For example, if you load data from human resources, this page shows the rating model and review rating that are used within human resources.

Worker Accomplishments Page

Use the Worker Accomplishments page (WA_ACPLISH_F00) to generate a list of accomplishments for a specified employee.

Navigation

Workforce Analytics, Workforce Planning, Setup and Process, Worker Accomplishments, Worker Accomplishments

Image: Worker Accomplishments page

This example illustrates the fields and controls on the Worker Accomplishments page. You can find definitions for the fields and controls later on this page.

| Worker Accomplishments | | | | | |
|--|------------------------------|------------|-------------------------|--------------------------------|----------------|
| Business Unit: | | CORP1 | Empl ID: | W0005 | Espinoza,David |
| Accomplishments Customize Find First 1-5 of 5 Last | | | | | |
| *Accomplishment | Description | As Of Date | Accomplishment Category | | |
| 1004 | Office Management Skills | 01/15/1990 | Test | | |
| 1008 | Programmer's Aptitude Test | 01/15/1990 | Test | | |
| 1025 | Internet Navigation Test | 01/15/1990 | Test | | |
| BE | Bachelor of Engineering | 01/15/1990 | Degree | Degree Details | |
| SIM | Society for Information Mgmt | 01/15/1990 | Membership | | |

* Required Field

The system displays the accomplishments for this employee. Results come from the WA_ACMPLISH_F00 table. You can add rows of data to this page.

If applicable, the page displays an accomplishment details link. In the preceding example, the system displays the Degree Details link. Similar links are available for language details and license or certificate details.

Chapter 4

Managing Competency Strategies and Values

Understanding Managing Competency Strategy

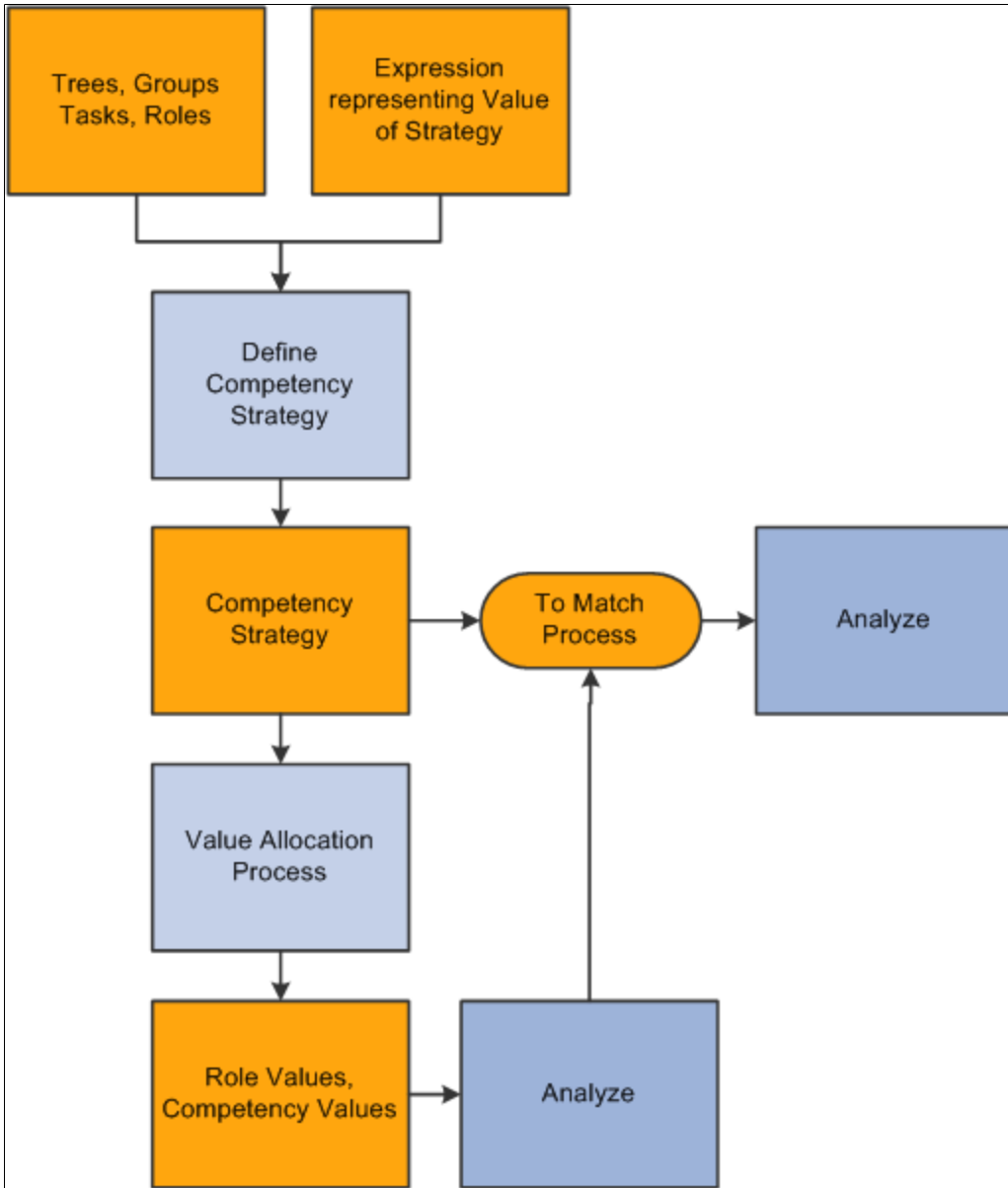
Follow these steps to define a competency strategy and allocate values to the strategy:

1. Prepare a strategy.
2. Define the strategy and assign roles, tasks, competencies, and accomplishments to the strategy.
3. Specify a value for the entire strategy (required only if you want to run the Value Allocation process, otherwise optional).
4. Set up a competency strategy model for use in the scenario.
5. (Optional) Run the Value Allocation Application Engine process (WA_VALUE) to allocate the values among roles in the strategy.
6. (Optional) View the results of the value allocation process.

Note: Specifying a competency strategy value and running the Value Allocation process (WA_VALUE) are optional steps. However, to run the Match process (WA_MATCH) you must first set up a competency strategy as outlined in steps 1, 2, and 4 in the preceding steps.

Image: Conceptual overview of the Manage Competency Strategy and Value Allocation

The following diagram illustrates this overall process.



Defining a Competency Strategy

To define a competency strategy, use the WA_WP_STRAT_DFN.GBL component.

This section provides an overview of competency strategy and discusses how to:

- Enter a competency strategy definition and value.

- Specify roles for a competency strategy.
- Review role tasks for a competency strategy.
- Review role competencies for a competency strategy.

Pages Used to Define a Competency Strategy

| <i>Page Name</i> | <i>Definition Name</i> | <i>Navigation</i> | <i>Usage</i> |
|------------------------------------|------------------------|---|--|
| Competency Strategy - Definition | WA_WP_STRATEGY | Workforce Analytics, Workforce Planning, Setup and Process, Setup Competency Strategy, Definition | Identify a competency strategy that is required for your organization to meet strategic objectives, and specify the value of the overall strategy to the organization. |
| Competency Strategy - Roles | WA_WP_ROLES | Workforce Analytics, Workforce Planning, Setup and Process, Setup Competency Strategy, Roles | Specify the roles that are required to support the competency strategy. |
| Role Comments page | WA_WP_RL_COMNTS_SP | Click the Comments button on the Competency Strategy - Roles page | Enter comments about a role. |
| Competency Strategy - Tasks | WA_WP_TASKS | Workforce Analytics, Workforce Planning, Setup and Process, Setup Competency Strategy, Tasks | Review the tasks that are associated with the specified roles, and review the importance of the tasks. |
| Competency Strategy - Competencies | WA_WP_COMPETENCY | Workforce Analytics, Workforce Planning, Setup and Process, Setup Competency Strategy, Competencies | Review the competencies and accomplishments that are associated with the specified roles, and specify their proficiency, experience level, and importance. |

Understanding Competency Strategy

Use the pages in the Competency Strategy component (Definition, Roles, Tasks and Competencies) to define a competency strategy and identify the roles and competencies that are essential to accomplishing your strategic business goals. You can define multiple, effective-dated competency strategies, and specify the required workforce roles for each. For example, you can define your organization's current competency strategy, or one or more potential future strategies based on forecasted changes in your business operations. You are not required to define both current and forecasted strategies. You can define one, or the other, or both depending on your analysis. You also can identify the monetary value of each strategy, role, and competency.

Before you begin, take some time to consider the strategy of your organization and plan your approach. Some specific questions to think about are:

- What new products or services does your organization need to provide?

- What existing products or services does your organization want to grow, reduce, or eliminate?
- What workforce roles does the organization need to meet its strategic plans or goals?

If you want to express the value of your strategy, roles, and competencies in monetary terms, then consider these questions:

- How do you want to determine this value, as a flat amount or based on a formula?
- What DataMaps and measures contain the value information that you need for setting up your constraint?

Competency Strategy - Definition Page

Use the Competency Strategy - Definition page (WA_WP_STRATEGY) to identify a competency strategy that is required for your organization to meet strategic objectives, and specify the value of the overall strategy to the organization.

Navigation

Workforce Analytics, Workforce Planning, Setup and Process, Setup Competency Strategy, Definition

Image: Competency Strategy - Definition page

This example illustrates the fields and controls on the Competency Strategy - Definition page. You can find definitions for the fields and controls later on this page.

Compile

Click to have the system build, or compile, the underlying SQL.

Competency Strategy Value

Constraint Code, and Measure

You can define the monetary value of the overall strategy to your organization. You use the Constraint Code field to define the value based on any of the tables and fields in the warehouse. The flat amount can be in any table in the system.

For example, the flat amount could be in a sales or revenue table, a budgeted amount in a budget, or a projected figure from business planning.

The constraint identifies the table that stores the value amount. It references a DataMap and TableMap. Prompt values for the Constraint Code field are from the PF_CONSTR_DEFN table.

Note: You set up constraints using the EPM Foundation, Business Metadata, Constraints and Expressions, Constraint page.

Measure

You can define the monetary value of the overall strategy to your organization. You use the Measure field to define the value based on any of the tables and fields in the warehouse. The flat amount can be in any table in the system. For example, the flat amount could be in a sales or revenue table, a budgeted amount in a budget, or a projected figure from business planning.

The measure identifies the particular field, or column, in the TableMap source table that contains the amount value.

Setting Up a Constraint for a Flat Amount

One basic approach to setting up a constraint for a flat amount is to specify the competency strategy value as a flat amount. To aid you, we deliver, as samples, the following system objects and metadata (under SetID of SHARE) for you to use as examples while setting up your system:

- WA_WP_VALUE_FLT table, containing the WA_WP_STRAT_VALUE field.
- TableMap WP_VALUE, pointing to TableMap record WA_WP_VALUE_FLT.
- DataMap WP_VALUE, containing DataMap field WA_WP_STRAT_VALUE.
- Constraint WP_VALUE, which points to the WP_STRAT_VALUE field in the WP_VALUE DataMap.

Using the WA_WP_VALUE_FLT table, you must enter the value amount in the WP_STRAT_VALUE field using a method such as ETL or SQL Insert.

Understanding Currency Code Defaulting for the Competency Strategy Value

The system retrieves a monetary value using the constraint that you specify on this page, although the page does not display the amount or the currency code. The default currency for the competency strategy value is the one that is specified as the default value for the business unit.

When setting up the constraint to use for the competency strategy value, you must select an amount field (measure). Make sure that it is a base currency amount field in the same currency as the default.

Compiling the Rule

Save

If you are using a constraint to define your strategy value, then the system automatically compiles the SQL for your rule when you save your work. The SQL Object ID Prefix field is then displayed.

If you have entered a strategy value using a constraint, when you save changes to the page, the system updates the Last

Update Date/Time and Last Update User ID fields. If you set up a strategy with no value constraint, the system does not update these fields.

Compile Rule

Click to compile the SQL for the rule. The SQL Object ID Prefix field is then displayed.

Competency Strategy - Roles Page

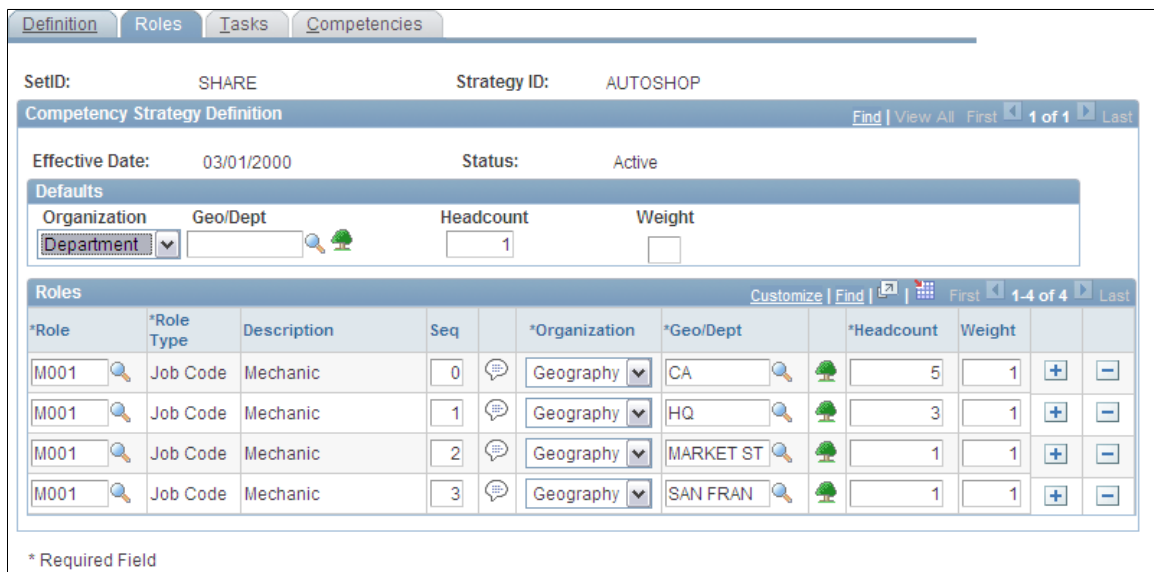
Use the Competency Strategy - Roles page (WA_WP_ROLES) to specify the roles that are required to support the competency strategy.

Navigation

Workforce Analytics, Workforce Planning, Setup and Process, Setup Competency Strategy, Roles

Image: Competency Strategy - Roles page

This example illustrates the fields and controls on the Competency Strategy - Roles page. You can find definitions for the fields and controls later on this page.



Defaults

You can specify the defaults for the following parameters, which the system uses when populating rows in the Roles group box:

Organization

The Organization and Geo/Dept (geography/department) fields work together. First you can select an organization type of either *Department* or *Geography*.

Geo/Dept (geography or department identification)

When you select an organization type of *Geography*, you are choosing to define the organization for this competency strategy based on geographical region (location). In this case, you can select a Geography ID from the prompt list values, or you

can click the **Select from Tree** button to select a node from the Geography tree.

When you select an organization type of *Department*, you are choosing to define the organization based on a department.

In this case, you can select a department from the prompt list values, or you can click the **Select from Tree** button to select a node from the Organization tree.

The trees that you access using this page are the default trees that you specified on the Workforce Trees setup page.

Headcount

Enter the number of workers that are needed in a role to fit the competency strategy. The system uses the headcount during the Match process to find that number of workers who match the specified role. The system does not distinguish between full-time and part-time workers; a part-time worker who is a role match accounts for a full headcount.

Weight

Assign a relative importance, or weight, for the roles. On the Definition page, you can use a constraint to specify a value for the entire strategy. When you run the Value Allocation process, the system allocates the strategy value to the roles within the strategy, based on the relative weight that you assign here. The weight is specified as a number of points greater than 0.

Roles

Role

Add a row and complete the fields for each role that you want to include in the competency strategy.

To enter a role, select from the prompt list values, which are from the `WA_ROLE_VW` table. The system displays the associated role type and description.

When you enter a role, the system retrieves the related tasks, competencies, and accomplishments from the setup tables, and populates the fields on the Competency Strategy - Tasks and Competency Strategy - Competencies pages.

Note: If you later change the role in the setup tables (to include additional competencies, for example) this change is not automatically reflected in the Competency Strategy component. You can include the new data in the Competency Strategy component by updating it with a new effective-dated row. Or you can also, in Correction mode, remove the role and add it again.

Seq (sequence)

The sequence number provides a method for you to avoid entering duplicate rows into the system. For example, you could enter two rows of data that appear to be identical, except that the sequence number makes them unique:

The following table displays two rows of data that appear to be identical, but have a unique sequence number.

| Role | Sequence | Organization | Geo/Dept |
|-------------|-----------------|---------------------|---|
| R013 | 0 | Geography | United States (selected from the Geography table). |
| R013 | 1 | Department | United States (selected from the Organization-Department tree). |

The choice is yours as to which values to use as sequence numbers. For example, you might adopt a convention to always use 0 as a default, and then use 1, 2, 3 and so on as differentiators. The numbers have no effect on the actual sequence of Value Allocation or Match engine processing.

Comments Click to access the Comments page. Use this page to enter additional comments about the role. This might be helpful in cases where you add a new sequence number, and change something small such as one of the proficiencies.

For each Role you add, the system also displays the default values for the Organization,Geo/Dept (geography or department identification),Headcount, andWeight fields You can add or change these values as needed.

Competency Strategy - Tasks Page

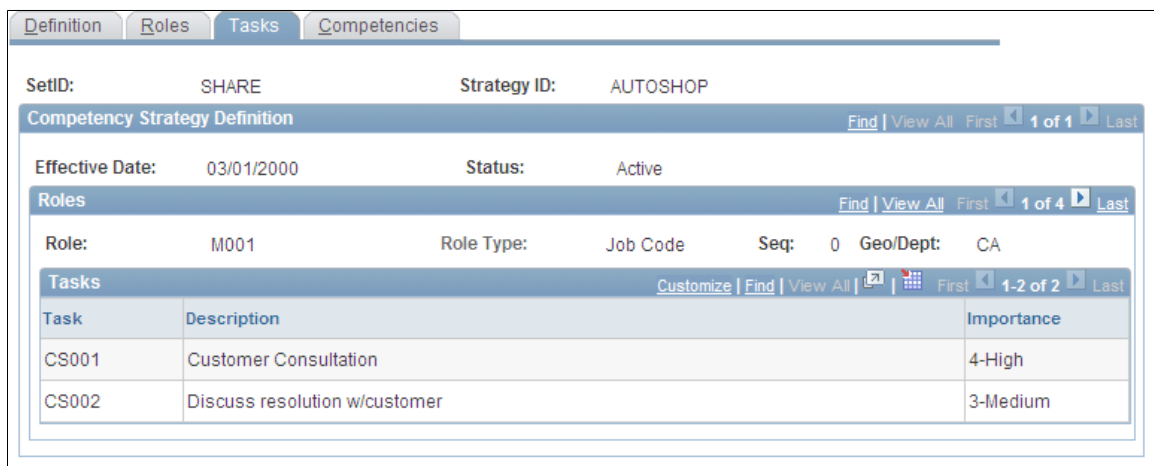
Use the Competency Strategy - Tasks page (WA_WP_TASKS) to review the tasks that are associated with the specified roles, and review the importance of the tasks.

Navigation

Workforce Analytics, Workforce Planning, Setup and Process, Setup Competency Strategy, Tasks

Image: Competency Strategy - Tasks setup page

This example illustrates the fields and controls on the Competency Strategy - Tasks setup page. You can find definitions for the fields and controls later on this page.



Role

When you enter a role on the Competency Strategy - Role page, the system retrieves the related tasks from the setup tables and populates the fields on this page. You cannot insert or delete rows. All of the fields on this page are display only.

Competency Strategy - Competencies Page

Use the Competency Strategy - Competencies page (WA_WP_COMPETENCY) to review the competencies and accomplishments that are associated with the specified roles, and specify their proficiency, experience level, and importance.

Navigation

Workforce Analytics, Workforce Planning, Setup and Process, Setup Competency Strategy, Competencies

Image: Competency Strategy - Competencies setup page

This example illustrates the fields and controls on the Competency Strategy - Competencies setup page. You can find definitions for the fields and controls later on this page.

Role

When you enter a role on the Competency Strategy - Role page, the system retrieves the related competencies and accomplishments from the setup tables and populates the fields on this page. You can not insert or delete rows. Most of the fields on this page, with three exceptions, are display-only.

Yrs of Exp (years of experience)

You can edit this field for each competency and accomplishment. The Match process compares these requirements against the workers in the current competency inventory.

Proficiency

You can edit the required Proficiency field for each competency and accomplishment. The Match process compares these

requirements against the workers in the current competency inventory.

Importance

You can edit this field for these competencies and accomplishments. The Value Allocation process allocates the role value to these competencies and accomplishments based on the importance that you assign here. The Match process uses importance to calculate the fit score. The valid values for importance are 0 (none), 1 (least), 2 (low), 3 (medium), 4 (high), 5 (highest) and 6 (required). If a competency or accomplishment has an importance of 6, then the worker must have this competency or accomplishment in order to be considered a match in the Match process.

Defining a Competency Strategy Model

To define a competency strategy model use the WA_WP_MODEL_DFN.GBL component and follow these steps:

1. Set up the model identification.
2. Complete the model definition.

The model definition includes these basic elements:

- Model ID
- Workforce Group ID
- Competency Strategy ID
- Roles
- Match parameters

Page Used to Define a Competency Strategy Model

| <i>Page Name</i> | <i>Definition Name</i> | <i>Navigation</i> | <i>Usage</i> |
|---------------------------|------------------------|---|--|
| Competency Strategy Model | WA_WP_MODEL_DFN | Workforce Analytics, Workforce Planning, Setup and Process, Setup Competency Model, Competency Strategy Model | Define a competency strategy model, including rules for group ID, strategy ID, and match parameters. |

Prerequisites

Before you can define a competency strategy model, you must set up model IDs using the Models page. This page is documented in the *PeopleSoft Enterprise Performance Management Fundamentals*

Related Links

"Defining Models and Scenarios (*PeopleSoft 9.1: Enterprise Performance Management Fundamentals*)"

Competency Strategy Model Page

Use the Competency Strategy Model page (WA_WP_MODEL_DFN) to define a competency strategy model, including rules for group ID, strategy ID, and match parameters.

Navigation

Workforce Analytics, Workforce Planning, Setup and Process, Setup Competency Model, Competency Strategy Model

Image: Competency Strategy Model page

This example illustrates the fields and controls on the Competency Strategy Model page. You can find definitions for the fields and controls later on this page.

| Role | Role Type | Description | Seq | Dept/Geo | *Node Match | Job/Pos | Cmpcy/Accmp | Exp | Prof | Impt |
|------|-----------|----------------------|-----|--------------------------|-------------|--------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| R013 | Job Code | Consulting Manager | 0 | <input type="checkbox"/> | N/A | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| R014 | Job Code | Consulting Partner | 0 | <input type="checkbox"/> | N/A | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| R016 | Job Code | HR Consultant | 0 | <input type="checkbox"/> | N/A | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| R017 | Job Code | Sr. HR Consultant | 0 | <input type="checkbox"/> | N/A | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| R020 | Job Code | Technical Consultant | 0 | <input type="checkbox"/> | N/A | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

Competency Strategy Model Definition

Model ID

You can associate each effective-dated model ID with only one workforce group ID and one strategy ID.

Group ID

Defines the set of workers within the workforce who are subject to the Match process. Prompt list values for this field are from the WA_CP_GROUP_DFN table.

Strategy ID

Defines all the roles and associated competencies and accomplishments that are required for the model. Prompt list values for Strategy ID are from the WA_STRAT_DFN

table. The system retrieves all of the roles for the competency strategy and populates the first four columns (Role, Role Type, description, and Sequence) in the grid at the bottom of the page.

Minimum Fit (999.99%)

Specify the minimum fit that is needed for the system to consider a worker a match. This is the calculated fit, in percent, that you want to see between a worker's competencies and the competencies that are required for the strategy. What percentage do you consider a match, 80 percent or better, or is 100 percent the only acceptable match for your scenario? If you leave it zero, then all matches will be returned.

Competency Evaluations

Evaluation Date >= (evaluation date is greater than or equal to)

Limit match processing to only those workers whose competency evaluations were performed on or after a given date.

Default Absent Evaluations

Instruct the system how to handle match processing for workers who do not have a competency evaluation. Selecting the check box indicates to the system that you want workers without competency evaluations to have them supplied by default from the role definition for the employee's job code or position. In essence, this means that you assume the worker possesses all the competencies that are required for role types of job code or position. If no role definition exists for the employee's job code or position, then nothing happens. Leaving the check box deselected directs the system to exclude those workers from the analysis, that is, employees with no competency data will not be considered for Match processing. You can see how many workers in a scenario have their competencies supplied by default by viewing the count on the Statistics inquiry page. The system does not supply accomplishments by default.

Match Parameters

Use the fields in this group box to select default match parameters for the roles in the grid. You first select from among the default options in the Match Parameters group box by picking and choosing one at a time. Then click the Set All button to set the check boxes in the Roles grid to match what has been selected in the Match Parameters group box.

Department/Geography

Select to narrow candidate selection for the Match process. The system evaluates only workers in the organization who are specified in the competency strategy. If you do not select this check box, the system evaluates all workers in the workforce group who are specified at the top of this page.

Node Match

Works in conjunction with the Department/Geography field. Use this field to specify, in cases in which the organization is tree-based, whether a worker's organization value should be compared to just the node, or to the node and all of its children.

| | |
|----------------------------------|---|
| Job Code/Position | Select to further narrow candidate selection for the Match process. The system evaluates only workers whose job code or position match the role job code or position. This check box is enabled only if the role is of type job code or position. |
| Competency/Accomplishment | Select to indicate whether the system should evaluate a worker's total fit by competencies and accomplishments. |
| Experience | Select to indicate whether the system should evaluate a worker's total fit by experience. |
| Proficiency | Select to indicate whether the system evaluates a worker's total fit by proficiency. |
| Importance | Select to indicate whether the system evaluates a worker's total fit by importance. |

Roles

The system displays the roles for the competency strategy that are specified at the top of the page in this grid. The first four columns Role, Role Type, Description, and Sequence are display-only. You cannot add or delete rows of data from the strategy.

You can edit the match parameters for each role if you want them to be different from the defaults. The information in this grid is stored in the WA_WP_MODEL_SEQ table. The overall model definition is stored in the WA_WP_MODEL_DFN table.

Allocating Value to Roles and Competencies (Optional)

This section provides an overview of the value allocation process and discusses how to:

- Set up a scenario definition.
- Set up the process run control for the Value Allocation process.

Understanding the Value Allocation Process

Use the Value Allocation process (WA_VALUE) to define and allocate monetary values to the roles and competencies in a competency strategy. To perform Value Allocation for a competency strategy, follow these steps:

1. Set up the scenario definition.
2. Complete the scenario process run control definition.
3. Run the Value Allocation process.

Note: Value Allocation is an optional feature and independent from the Match process. If you choose not to perform Value Allocation, then you can skip this section of the topic. Proceed directly to the next topic, which covers running the Match process.

The Value Allocation process (WA_VALUE) calculates the monetary value of the competency strategy using the constraint in the strategy definition. The process then allocates the strategy value to the roles within the strategy, based on the role weightings. The process then allocates the role values to the competencies and accomplishments within each role, based upon the importance that is placed on each.

The input tables for the process are the WA_WP_STRAT_DFN table and its children.

The output tables for the process are:

| | |
|------------------------|---|
| WA_WP_R_VAL_F00 | Contains the allocation of monetary value at the role level. |
| WA_WP_C_VAL_F00 | Contains the allocation of monetary value at the competency and accomplishment level. |

Setting Up a Scenario Definition

You set up scenario IDs using the EPM Foundation Scenarios component. That is where you specify the model and calendar, and otherwise define a scenario. The component is documented in the *PeopleSoft Enterprise Performance Management Fundamentals*

Related Links

"Defining Models and Scenarios (*PeopleSoft 9.1: Enterprise Performance Management Fundamentals*)"

Setting Up the Process Run Control for the Value Allocation Process

You set up and run Workforce Planning jobstreams for the Value Allocation, Match, and Merge processes by accessing the Run Jobstream page directly from the Workforce Analytics, Workforce Planning menu. The Run Jobstream page is documented in the *PeopleSoft Enterprise Performance Management Fundamentals*

The run control definition includes these basic elements:

- Business unit.
- Scenario ID.
- Fiscal year and accounting period.
- Jobstream ID.

Fiscal Year and Accounting Period

Regardless of which run control page you use, run Workforce Planning scenarios for a fiscal year and accounting period. Do not run them based on an as of dated jobstream.

Jobstream ID

The prompt list values for the jobstream ID are those jobstreams that are associated with an engine ID of WA_VALUE or WA_MATCH. The delivered jobstreams are:

| Jobstream ID | Job ID | Application Engine ID |
|---------------------|---------------|------------------------------|
| WA_VALUE | WA_VALUE | WA_VALUE |
| | WA_VAL_MRG | PF_MERGE |
| WA_MATCH | WA_MATCH | WA_MATCH |
| | WA_MCH_MRG | PF_MERGE |
| WA_WFP_ALL | WA_STR_VAL | WA_VALUE |
| | WA_STR_MCH | WA_MATCH |
| | WA_STR_MRG | PF_MERGE |

Related Links

"Understanding Jobstreams (*PeopleSoft 9.1: Enterprise Performance Management Fundamentals*)"

Viewing the Value Allocation Process Results

You can review the results of the Value Allocation process using the Value Allocation Results inquiry component, which consists of the following three pages:

- Role Values
- Competency and Accomplishment Values
- Competency Values

This section discusses how to:

- Review the role value allocation results.
- Review the role competency and accomplishment value details.
- Review the competency values.

Pages Used to Review the Value Allocation Process

| Page Name | Definition Name | Navigation | Usage |
|--------------------------------------|------------------------|---|--|
| Role Values | WA_WP_ROLE_VAL_CHT | Workforce Analytics, Workforce Planning, Review and Analyze, Review Value Allocation, Role Values | Review the overall strategy value and the allocated value of the roles within a competency strategy. |
| Competency and Accomplishment Values | WS_WP_ROLE_DRL_CHT | Click the Detail link on the Role Values page | Review the competency and accomplishment values for a selected role within a competency strategy. |

| Page Name | Definition Name | Navigation | Usage |
|-------------------|-----------------|---|---|
| Competency Values | WA_WP_C_VAL_CHT | Workforce Analytics, Workforce Planning, Review and Analyze, Review Value Allocation, Competency Values | Review the overall strategy and the allocated value of the competencies and accomplishments within a competency strategy. |

Role Values Page

Use the Role Values page (WA_WP_ROLE_VAL_CHT) to review the overall strategy value and the allocated value of the roles within a competency strategy.

Navigation

Workforce Analytics, Workforce Planning, Review and Analyze, Review Value Allocation, Role Values

Image: Role Values page

This example illustrates the fields and controls on the Role Values page. You can find definitions for the fields and controls later on this page.

Value Allocation Results

Role Values

Business Unit: CORP1 Scenario ID: WFP2 Workforce Planning
 Fiscal Year: 2000 Accounting Period: 1

| Role Type | Percentage |
|----------------------|------------|
| Consulting Manager | 17% |
| Consulting Partner | 17% |
| HR Consultant | 17% |
| Sr. HR Consultant | 33% |
| Technical Consultant | 17% |

Strategy Value: 1,500,000.02 USD

| Role | Role Type | Description | Seq | Value | Currency Code | Weight (%) | Headcount |
|------|-----------|----------------------|-----|------------|---------------|------------|-----------|
| R013 | Job Code | Consulting Manager | 0 | 250,000.01 | USD | 16.67 | 5 |
| R014 | Job Code | Consulting Partner | 0 | 250,000.01 | USD | 16.67 | 1 |
| R016 | Job Code | HR Consultant | 0 | 250,000.01 | USD | 16.67 | 6 |
| R017 | Job Code | Sr. HR Consultant | 0 | 500,000.00 | USD | 33.33 | 2 |
| R020 | Job Code | Technical Consultant | 0 | 250,000.01 | USD | 16.67 | 15 |

When the page appears, you can see value results (monetary values) only if you have entered a strategy value on the Competency Strategy – Definition page.

Chart

The pie chart in the center of the page displays the roles within the scenario and the relative value of each by percentage.

Role Values Grid

The system displays the Strategy Value field just above the Role Values grid.

For each role in the scenario, the system displays the role, role type, role description, sequence number, role value, weight, and headcount.

Details

Click to access the Competency and Accomplishment Values page. This page displays the values of competencies and accomplishments within a role.

Competency Values

Click to access the Competency Values page. This page displays the values of competencies and accomplishments regardless of role (for cases for which one competency or accomplishment is used within multiple roles).

Competency and Accomplishment Values Page

Use the Competency and Accomplishment Values page (WS_WP_ROLE_DRL_CHT) to review the competency and accomplishment values for a selected role within a competency strategy.

Navigation

Click the Detail link on the Role Values page

Image: Competency and Accomplishment Values page 1 of 2

This example illustrates the fields and controls on the Competency and Accomplishment Values page 1 of 2. You can find definitions for the fields and controls later on this page.

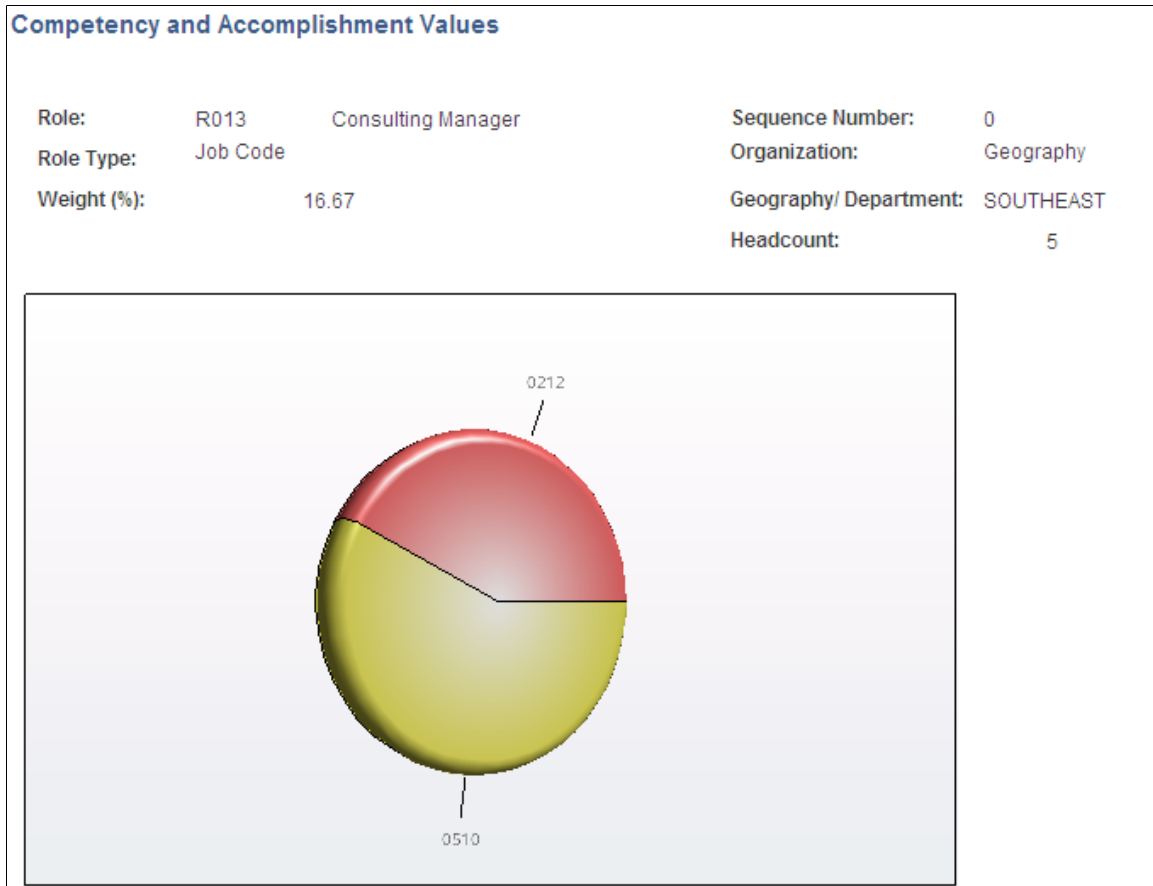


Image: Competency and Accomplishment Values page 2 of 2

This example illustrates the fields and controls on the Competency and Accomplishment Values page 2 of 2. You can find definitions for the fields and controls later on this page.

| Role Value: | 250,000.01 USD | | | |
|------------------------------|--------------------------|---|------------|---------------|
| Competency Values | | Customize Find View All First 1-2 of 2 Last | | |
| Competency | Description | Weight | Value | Currency Code |
| 0212 | Organizes People & Tasks | 42.86 | 107,142.86 | USD |
| 0510 | Leadership | 57.14 | 142,857.15 | USD |
| Accomplishment Values | | Customize Find View All First 1 of 1 Last | | |
| Accomplishment | Description | Weight | Value | Currency Code |
| | | | | |

When the page appears, you can see value results (monetary values) only if you have entered a strategy value on the Competency Strategy - Definition page.

At the top of the page, the system displays the role ID code and description, role type, sequence number, organization unit, geography or department code, and headcount for the role.

Chart

The pie chart at the center of the page displays the role competencies and accomplishments, and the relative value of each, by percentage.

Competency Values Grid

The system displays the Role Value field just above the Competency Values group box. The system displays each competency in the role, along with its description, calculated weight, value, and currency code.

Accomplishment Values Grid

The system displays each accomplishment in the role, along with its description, calculated weight, value, and currency code.

Return

Click this button at the bottom of the page to return to the Role Values page.

Competency Values Page

Use the Competency Values page (WA_WP_C_VAL_CHT) to review the overall strategy and the allocated value of the competencies and accomplishments within a competency strategy.

Navigation

Workforce Analytics, Workforce Planning, Review and Analyze, Review Value Allocation, Competency Values

Image: Competency Values page 1 of 2

This example illustrates the fields and controls on the Competency Values page 1 of 2. You can find definitions for the fields and controls later on this page.

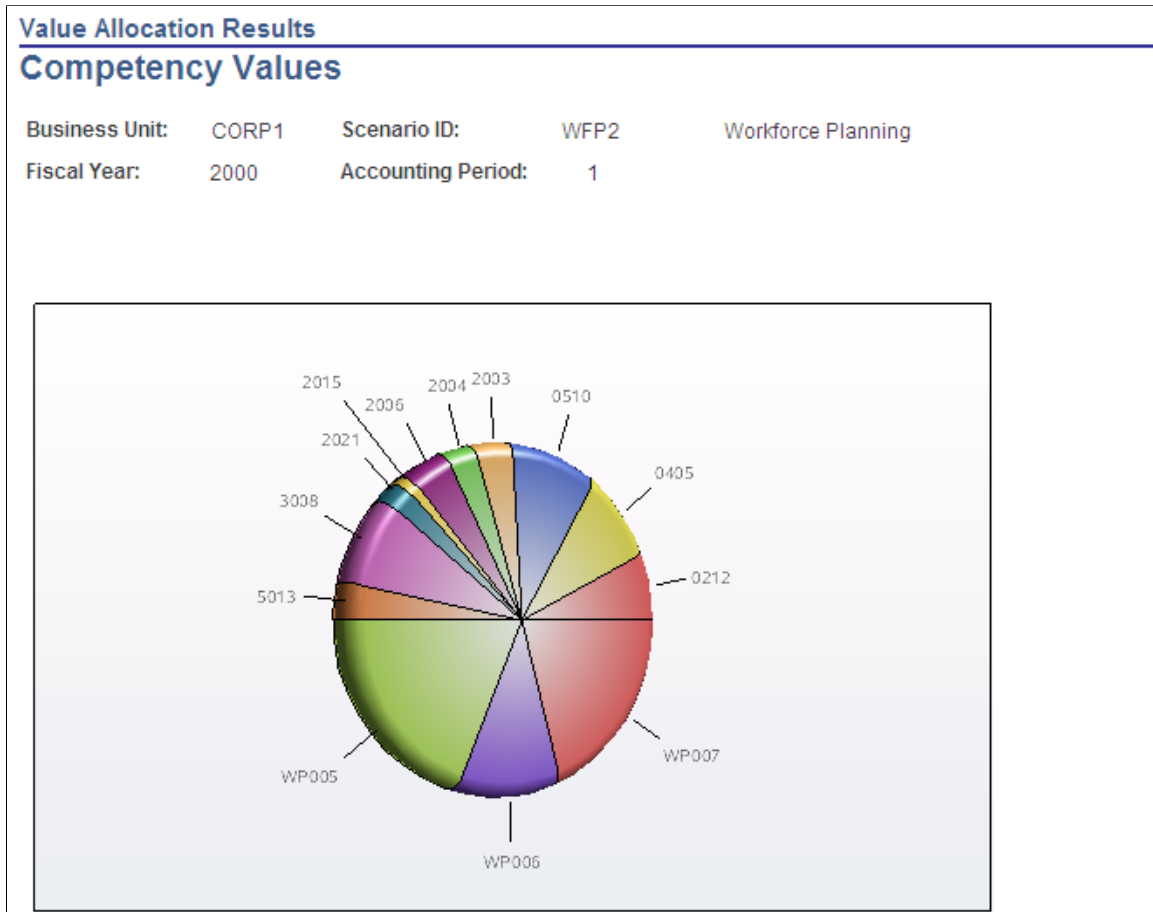


Image: Competency Values page 2 of 2

This example illustrates the fields and controls on the Competency Values page 2 of 2. You can find definitions for the fields and controls later on this page.

| Strategy Value: | | 1,500,000.02 USD | |
|--|--------------------------|------------------|---------------|
| Competency Values Customize Find First 1-13 of 13 Last | | | |
| Competency | Description | Value | Currency Code |
| 0212 | Organizes People & Tasks | 107,142.86 | USD |
| 0405 | Visionary | 138,888.89 | USD |
| 0510 | Leadership | 142,857.15 | USD |
| 2003 | Programming | 58,823.53 | USD |
| 2004 | Systems Analysis | 44,117.65 | USD |
| 2006 | Database Design | 58,823.53 | USD |
| 2015 | COBOL | 14,705.88 | USD |
| 2021 | C++ Programming | 29,411.77 | USD |
| 3008 | Salesmanship | 111,111.11 | USD |
| 5013 | Java | 44,117.65 | USD |
| WP005 | HR Knowledge | 274,725.28 | USD |
| WP006 | Presentation Skills | 164,835.16 | USD |
| WP007 | PeopleSoft HR | 310,439.56 | USD |
| Accomplishment Values Customize Find First 1 of 1 Last | | | |
| Accomplishment | Description | Value | Currency Code |
| | | | |

When the page appears, the system displays the business unit, scenario ID code and description, fiscal year and accounting period.

Chart

In the pie chart at the center of the page, the system displays all of the competencies and accomplishments for the selected scenario, fiscal year, and accounting period.

Competency Values Grid

The system displays the overall strategy value just above the Competency Values group box. For each competency in the scenario, the system displays the competency code, description, and calculated value of the competency.

Accomplishment Values Grid

For each accomplishment in the scenario, the system displays the accomplishment code, description, and calculated value of the accomplishment.

Chapter 5

Assessing the Workforce Competency Match

Understanding the Workforce Competency Match Process

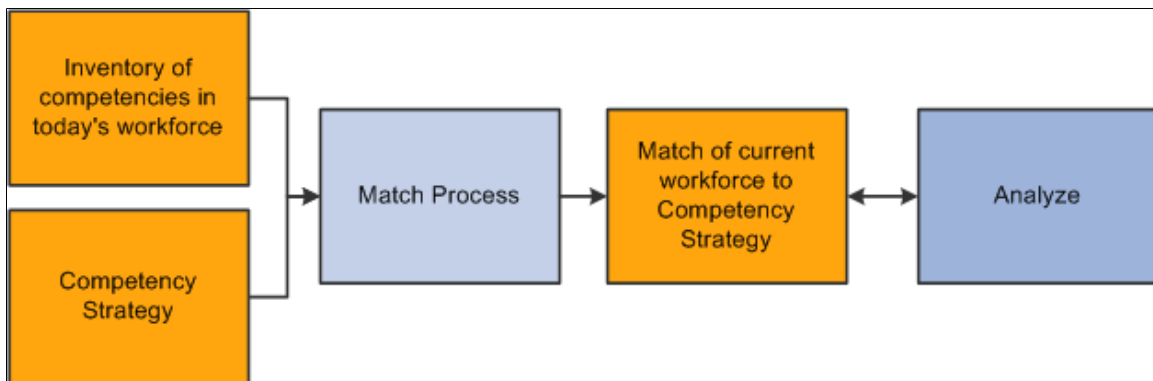
To perform a workforce competency match, you run the Match process (WA_MATCH), which compares the current workforce competency inventory with a given competency strategy. You review and analyze the process results with a series of inquiry pages to assess the match and gap between the two. The overall procedure for assessing the competency match is similar to the procedure for performing a value allocation:

1. Prepare your competency strategy.
2. Define the strategy with the Competency Strategy setup component.
3. Set up a model and scenario.
4. Define the match parameters with the Competency Strategy Model setup page.
5. Use the Competency Strategy process page to run the Match process.
6. Review the results of the competency strategy scenario.

The following diagram illustrates this overall process:

Image: Conceptual overview of the Competency Strategy Match business process

The following diagram illustrates this overall process.



Defining a Competency Strategy for the Match Process

When you define a competency strategy for the Match process, you use the same pages in the Competency Strategy component that you use to set up competency strategy for the Value Allocation process. These pages are documented in the topic titled "Managing Competency Strategies and Values."

Defining a Competency Strategy Model for the Match Process

To define a competency strategy model for the Match process, you follow the same steps as for the Value Allocation process:

1. Set up the model identification using the Models setup page.
2. Complete the model definition using the Competency Strategy Model page.

This process is documented in the topic titled "Managing Competency Strategies and Values."

Related Links

[Defining a Competency Strategy](#)

[Defining a Competency Strategy Model](#)

Setting Up and Running the Match Process

The Match process (WA_MATCH) compares a given competency strategy with the current workforce competency inventory. You can perform matches for both current and forecasted strategies, but you are not required to do both. You can do one, or the other, or both, depending on your analysis. The process output includes *matches* and *gaps*. It takes proficiencies and experience into account.

Reviewing the Main Match Inputs

The following table lists and describes the main match inputs that you define with the Manage Competency Strategy setup pages prior to running the Match process:

| Page Name | Match Input | Purpose |
|------------------------------------|------------------------------------|---|
| Competency Strategy - Roles | Headcount | Headcount is the requested number of workers for a given role. If the system finds a number of matching workers greater than or equal to this number, it considers the role matched completely. If it finds a number of matching workers less than the headcount requested, it considers this a <i>gap</i> in filling the role. |
| Competency Strategy - Roles | Weight | The system does not use the role weights in Match processing. |
| Competency Strategy - Competencies | Years of Experience Proficiency | The system compares these requirements against workers in the current competency inventory. |
| Competency Strategy - Competencies | Importance | The system uses the Importance to determine the fit score at the Competency and Accomplishment level in Match processing. |
| Competency Strategy Model | Group ID | This parameter defines the population of workers who are in the competency inventory subject to the Match process. |

| Page Name | Match Input | Purpose |
|---------------------------|--|---|
| Competency Strategy Model | Minimum Fit | This parameter defines the minimum fit score that is needed for the system to consider a worker a match to strategy requirements. |
| Competency Strategy Model | Evaluation Date >= Department/Geography (Dept/Geo) Node match Job Code/Position (Job/Pos) | The system uses these parameters, beyond the group ID, to further narrow the set of workers who are in the competency inventory subject to the Match process. |
| Competency Strategy Model | Competency/Accomplishment (Cmpcy/Acmp) Experience (Exp) Proficiency (Prof) Importance (Imp) | The system uses these parameters to determine the Fit Score Calculation. |

Setting Up a Constraint to Specify a Workforce Group Containing All Active Employees

One approach to setting up your system for Match processing might be to specify, in the Competency Strategy Model page, an overall workforce group containing *All Active Employees*. To aid you, we deliver, as samples, the following system objects and metadata (under SetID of SHARE). You can use these to create a constraint that includes all employees on JOB_F00 for whom the employee status is *active*.

- SetID = SHARE
- Table Map: JOB_F00
- DataMap: JOB_F00
- Filter: JOB_F00_ACTIVE
- Constraint: WFP_ACTIVE

Understanding the Match Process and Fit Score Calculations

When you run the Match process, the system matches the workers in your current competency inventory to roles within the competency strategy. Each role in a strategy consists of competencies and accomplishments, with associated requirements for proficiency or years of experience. A role match is achieved when a worker has the required proficiency or experience for each competency or accomplishment. A partial match, or gap, results for workers who have lower proficiencies, or only a subset of the requested competencies.

The process that the system uses for calculating the fit factors for the WA_WP_MATCH_F00 table is summarized in the following way:

1. Calculate the *Competency or Accomplishment* factor.

This factor is a percent based on the number of competencies and accomplishments that an employee has, divided by the number of competencies and accomplishments that are requested.

- a. Update the competencies and accomplishments percentage to 100 percent where they match.
- b. Update the competencies and accomplishments percentage to 0 where they do not match.

2. Calculate the *Proficiency Factor* (for competencies only). This factor is a percentage based on the employee's proficiency, divided by the proficiency that is requested, for each competency.

- a. When the employee proficiency is less than the requested proficiency, the calculation is $(\text{Employee Proficiency} / \text{Requested Proficiency}) * (100)$.
- b. When the employee proficiency is greater than or equal to the requested proficiency, the percentage is 100 percent. The employee cannot get a percentage greater than 100 percent.

3. Calculate the *Experience Factor* (for competencies only). This factor is a percentage based on the employee's experience, divided by the experience that is requested for each competency.

- a. When the employee experience is less than the requested experience, the calculation is $(\text{Employee Experience} / \text{Requested Experience}) * (100)$
- b. When the employee experience is greater than or equal to the requested experience, the percentage is 100 percent. The employee cannot get a percentage greater than 100 percent.

4. Calculate the *Total Fit*. This factor sums the Competency, Accomplishment, Proficiency, and Experience factors for a given role and divides to get the average fit.

- a. For the competencies, the system divides the sum of all the factors by the sum of how many flags are selected on the Model page for each role.
- b. For the accomplishments, no division is necessary because only one factor is possible.

5. Calculate the *Importance Weighting Factor*. The system weights the total fit for each competency or accomplishment, based on the importance assigned. This is done only for those roles for which the Importance check box is selected on the Model setup page.

- a. Sum the total importance for the competencies and accomplishments within a role.
- b. For each competency or accomplishment within a role, run this calculation $(\text{Current competency or accomplishment Importance} / \text{Total Importance for the role}) * (\text{Current competency or accomplishment's total fit from step 4})$.

The process that the system uses to aggregate fit data (Accomplishment and Competency Fit, Proficiency Fit, Experience Fit, and Total Fit) to the role level for the WA_WP_MCROL_F00 table is summarized in the following way:

1. Sum the fit for each employee, role, and factor.

2. Insert aggregate data for those roles for which they are weighted with an importance, and divide by the number of accomplishments and competencies. Except for the Total Fit, no division occurs because these numbers have been weighted.
3. Insert aggregate data for those roles that are not selected to be weighted with an importance and divide by the number of accomplishments and competencies. The Total fit also is divided because it is not weighted.

Understanding the Match Process Input and Output Tables

The input tables for the process include JOB_F00, LOCATION_D00, WA_COMPTNCY_F00, WA_GROUP_F00, WA_ACMLISH_F00, WA_ACMP_MAJ_F00, WA_MAP_TREE_TBL, WA_ROLE_D00, WA_WP_STRAT_DFN, WA_WP_CMPCY_SEQ, WA_WP_ACOMP_SEQ, WA_WP_MODEL_TBL, WA_WP_MODEL_SEQ and WA_WP_ROLES_TBL.

The output tables are:

| | |
|------------------------|--|
| WA_WP_GAP_F00 | This table contains all roles for which the headcount requested (from the competency strategy) is greater than the headcount match (in WA_WP_MATCH_F00). |
| WA_WP_STATS_F00 | This table contains statistics about the strategy that the system has processed. |
| WA_WP_MCROL_F00 | This table contains workers that matched a particular role within a strategy. This data is similar to that in WA_WP_MATCH_F00 except that it doesn't show competencies or accomplishments details. |
| WA_WP_MATCH_F00 | This table contains workers that match a particular role within a strategy, the competencies and accomplishments that they matched or did not match, and the fit score of each. |

Running the Match Process

To set up the process run control and run the Match process, you perform the same steps as for the Value Allocation process, using the Run Jobstream process page. This is documented in the topic titled "Managing Competency Strategies and Values." The significant difference is that you run the Match process rather than the Value Allocation process.

Related Links

[Allocating Value to Roles and Competencies \(Optional\)](#)

Assessing the Competency Strategy Match and Gap

After you have run the Match process, you can review the results using four pages in the Match Results inquiry component:

- Summary

- Statistics
- Fit Scores
- Fit Score Details

These pages help you to assess the match and gap between your current workforce's competencies and the requirements of your competency strategy. In essence, they help you to see how closely the current workforce meets the needs of your organization, as defined in your competency strategy.

Pages Used to Assess the Competency Strategy Match and Gap

| <i>Page Name</i> | <i>Definition Name</i> | <i>Navigation</i> | <i>Usage</i> |
|-----------------------------|------------------------|--|---|
| Match Results - Summary | WA_WP_GAP_F00_CHRT | Workforce Analytics, Workforce Planning, Review and Analyze, Review Match Results, Summary | Review the high-level results of the Match process. You see a list of the roles in the scenario along with the total fit and total gap (by headcount). |
| Match Results - Statistics | WA_WP_STATS_F00_CH | Workforce Analytics, Workforce Planning, Review and Analyze, Review Match Results, Statistics | Review statistics about the match process, including total workers in a workforce group and number of workers with competency data. |
| Match Results - Fit Scores | WA_WP_MCROL_F00_CH | Workforce Analytics, Workforce Planning, Review and Analyze, Review Match Results, Fit Scores | Review a list of the workers who match the roles in the scenario, along with each worker's total fit score for the role. The list is sorted from best fit to worst fit. |
| Match Results - Fit Details | WA_WP_MATCH_F00_CH | Workforce Analytics, Workforce Planning, Review and Analyze, Review Match Results, Fit Details | Review a list of the workers who match the roles in the scenario, with details about each worker's total fit score and detailed fit scores for the role. For each worker, you can also view the worker's score for individual competencies and accomplishments within the role. |

Match Results - Summary Page

Use the Match Results - Summary page (WA_WP_GAP_F00_CHRT) to review the high-level results of the Match process.

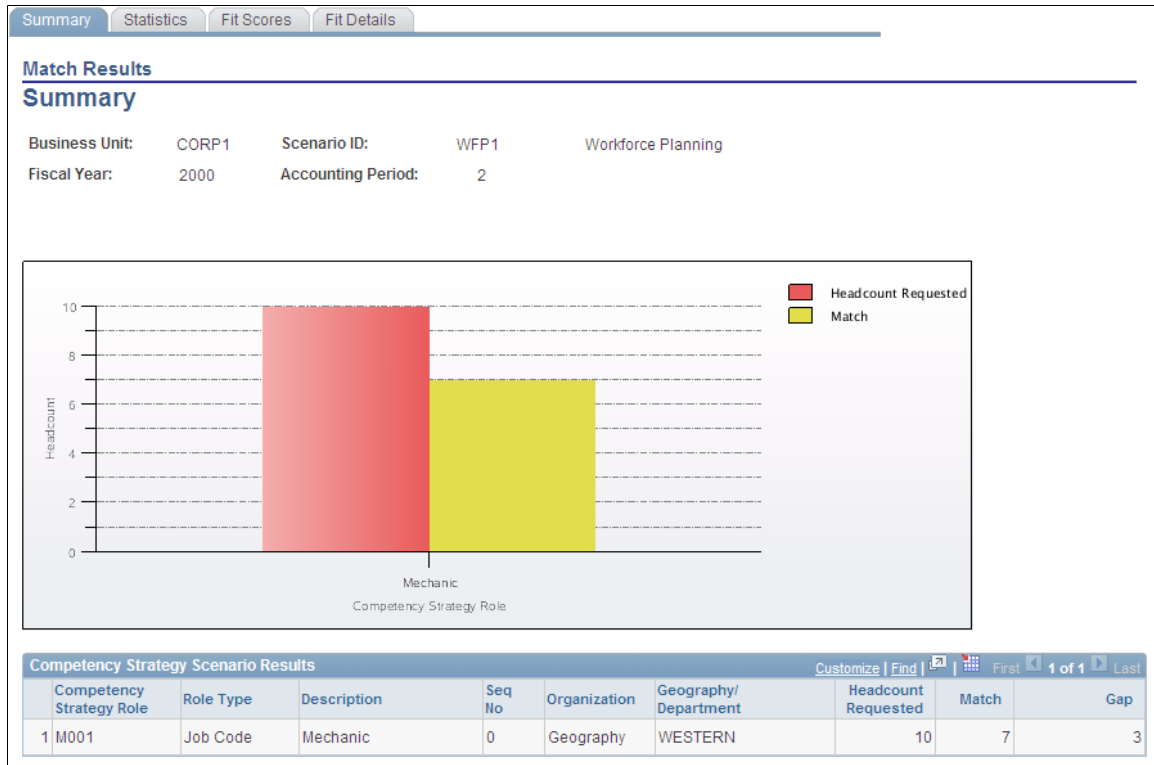
You see a list of the roles in the scenario along with the total fit and total gap (by headcount).

Navigation

Workforce Analytics, Workforce Planning, Review and Analyze, Review Match Results, Summary

Image: Match Results - Summary page

This example illustrates the fields and controls on the Match Results - Summary page. You can find definitions for the fields and controls later on this page.



Business Unit

The data in this field is based on a unique scenario that you have run.

Scenario ID

The data in this field is based on a unique scenario that you have run.

Fiscal Year

The data in this field is based on a unique scenario that you have run.

Accounting Period

The data in this field is based on a unique scenario that you have run.

Last Updated

This date and time stamp specifies when the Match process was last run for this scenario.

When you assess your scenarios, take care to track which set of scenario results you are viewing. This is especially important when you are reviewing results from multiple pages or multiple scenarios. For example, are you using all four pages to take a deep look at all of the data for a single scenario? Or are you using a single page to compare the results of two different scenarios?

Reviewing the Chart

Headcount Requested

In the center of the page, the system displays a bar chart comparing, for each role in the scenario, the headcount that is requested versus the match.

Match

Compared against the headcount requested.

Competency Strategy Scenario Results Grid

Competency Strategy Role

This page lists the roles in the scenario. Each unique row for a competency strategy role is defined by its role type, description, seq no (sequence number), organization, and geography or department identifier.

Headcount Requested

For each required role, the system displays the headcount requested.

Match

For each required role, the system displays the total match.

Gap

For each required role, the system displays the total gap (headcount minus match).

Match Results - Statistics Page

Use the Match Results - Statistics page (WA_WP_STATS_F00_CH) to review statistics about the match process, including total workers in a workforce group and number of workers with competency data.

Navigation

Workforce Analytics, Workforce Planning, Review and Analyze, Review Match Results, Statistics

Image: Match Results - Statistics page

This example illustrates the fields and controls on the Match Results - Statistics page. You can find definitions for the fields and controls later on this page.

The screenshot shows a web interface with four navigation tabs: Summary, Statistics (selected), Fit Scores, and Fit Details. Below the tabs, the page title is 'Match Results' and the sub-section is 'Statistics'. There are two filter rows: 'Business Unit: CORP1 Scenario ID: WFP1 Workforce Planning' and 'Fiscal Year: 2000 Accounting Period: 2'. Below the filters are two summary tables.

| Match Counts | |
|---------------------------------|------|
| Workers in Workforce Group: | 10 |
| Headcount Required in Strategy: | 10 |
| Matches in Strategy: | 7 |
| Total Match Percent: | 70.0 |

| Default Counts | |
|--|----|
| Workers with Competency Data: | 10 |
| Workers with Accomplishment Data: | 2 |
| Workers whose Competencies were Defaulted: | 0 |
| from Job Code: | 0 |
| from Position: | 0 |

Match Counts

Workers in Workforce Group

The count of workers who are included in the workforce group for this scenario, regardless of whether the worker has competency data.

Headcount Required in Strategy

The total number of headcount that is required for this competency strategy.

Matches in Strategy

The total number of worker-to-role matches resulting from the scenario.

Total Match Percent

This is calculated from the Headcount Required in Strategy and the Matches in Strategy.

Default Counts

| | |
|--|---|
| Workers with Competency Data | The count of workers in the competency inventory who have competency data. |
| Workers with Accomplishment Data | The count of workers in the competency inventory who have accomplishment data. |
| Workers whose Competencies were Defaulted | The count of workers in the competency inventory who have no competency data, and whose competencies for this scenario were supplied by default from either the job code or position. |
| (Workers whose Competencies were Defaulted) from Job Code | Of the workers whose competencies were defaulted, this is the count of those whose competencies were defaulted from their job code, as defined on the role table. |
| (Workers whose Competencies were Defaulted) from Position | Of the workers whose competencies were defaulted, this is the count of those whose competencies were defaulted from their position definition, as defined on the role table. |

Match Results - Fit Scores Page

Use the Match Results - Fit Scores page (WA_WP_MCROL_F00_CH) to review a list of the workers who match the roles in the scenario, along with each worker's total fit score for the role.

The list is sorted from best fit to worst fit.

Navigation

Workforce Analytics, Workforce Planning, Review and Analyze, Review Match Results, Fit Scores

Image: Match Results - Fit Scores page

This example illustrates the fields and controls on the Match Results - Fit Scores page. You can find definitions for the fields and controls later on this page.

The screenshot shows a web interface with the following components:

- Navigation Tabs:** Summary, Statistics, Fit Scores (selected), Fit Details.
- Match Results Section:**
 - Fit Scores:** Business Unit: CORP1, Scenario ID: WFP1, Workforce Planning; Fiscal Year: 2000, Accounting Period: 2.
- Role Match Details Section:**
 - Role: M001, Mechanic; Organization: Geography
 - Role Type: Job Code, Seq No: 0; Geography/ Department: WESTERN
- Role Match Fit Scores Table:**

| Empl ID | Name | Fit Score |
|---------|-----------------|-----------|
| WD0124 | Parsons, Jean | 91.9 |
| WD0128 | Torres, Kirby | 91.2 |
| WD0134 | Gee, May | 53.4 |
| WD0127 | Seto, Patrick | 48.2 |
| WD0122 | Lewis, Douglas | 44.8 |
| WD0133 | Miguel, Sanford | 42.6 |
| WD0131 | Tozer, Adan | 42.5 |

Role Match Details

The system displays the roles for the competency strategy in this group box. For each unique role, the system displays the role ID, description, role type, sequence number, organization, and geography or department identifier.

Role Match Fit Scores

Empl ID (employee identification number)

For each role, the system displays a list of the workers who are included in the role match process, including each worker's employee identification number.

Fit Score

For each role, the system displays a list of the workers who are included in the role match process, including each worker's fit score. The list is sorted from best fit to worst fit.

Match Results - Fit Details Page

Use the Match Results - Fit Details page (WA_WP_MATCH_F00_CH) to review a list of the workers who match the roles in the scenario, with details about each worker's total fit score and detailed fit scores for the role.

For each worker, you can also view the worker's score for individual competencies and accomplishments within the role.

Navigation

Workforce Analytics, Workforce Planning, Review and Analyze, Review Match Results, Fit Details

Image: Match Results - Fit Details page 1 of 2

This example illustrates the fields and controls on the Match Results - Fit Details page 1 of 2. You can find definitions for the fields and controls later on this page.

Summary Statistics Fit Scores Fit Details

Match Results

Fit Score Details

Business Unit: CORP1 Scenario ID: WFP1 Workforce Planning
 Fiscal Year: 2000 Accounting Period: 2

Role Match Details Find | View All | First 1 of 1 Last

Role: M001 Mechanic Organization: Geography
 Role Type: Job Code Seq No: 0 Geography/ Department: WESTERN

Role Match Fit Scores Find | View All | First 1 of 7 Last

Empl ID: WD0124 Total Fit: 91.9
 Competency Factor: 91.7 Proficiency Factor: 91.7 Experience Factor: 91.7

Match Calculation Details - Competencies Customize | Find | First 1-12 of 12 Last

| Competency | Description | Match | Importance | Competency Factor | Proficiency Factor | Experience Factor | Fit Score |
|------------|--------------------------------|-------|------------|-------------------|--------------------|-------------------|-----------|
| 0217 | Patience | | 3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0502 | Communication Skills | ✓ | 3 | 100.0 | 100.0 | 100.0 | 8.1 |
| 0705 | Active Listening Skills | ✓ | 3 | 100.0 | 100.0 | 100.0 | 8.1 |
| 0707 | Can Identify Problems & Causes | ✓ | 4 | 100.0 | 100.0 | 100.0 | 10.8 |
| 0852 | Interacts Well with Others | ✓ | 4 | 100.0 | 100.0 | 100.0 | 10.8 |
| AU001 | Brake Repair | ✓ | 4 | 100.0 | 100.0 | 100.0 | 10.8 |
| AU002 | Exhaust System Repair | ✓ | 3 | 100.0 | 100.0 | 100.0 | 8.1 |
| AU003 | Suspension | ✓ | 3 | 100.0 | 100.0 | 100.0 | 8.1 |

Image: Match Results - Fit Details page 2 of 2

This example illustrates the fields and controls on the Match Results - Fit Details page 2 of 2. You can find definitions for the fields and controls later on this page.

| | | | | | | | |
|-------|--------------------------------|---|---|-------|-------|-------|-----|
| AU004 | Alignment | ✓ | 3 | 100.0 | 100.0 | 100.0 | 8.1 |
| AU005 | Air-Conditioning repair (auto) | ✓ | 2 | 100.0 | 100.0 | 100.0 | 5.4 |
| AU006 | Oil/Lube/Filter | ✓ | 2 | 100.0 | 100.0 | 100.0 | 5.4 |
| AU007 | Rack & Pinion | ✓ | 3 | 100.0 | 100.0 | 100.0 | 8.1 |

Match Calculation Details - Accomplishments Customize | Find | First 1 of 1 Last

| Accomplishment | Description | Match | Importance | Accomplishment Factor | Fit Score |
|----------------|-------------|-------|------------|-----------------------|-----------|
| | | | | 0.0 | 0.0 |

Role Match Details

The system displays the roles for the competency strategy in this group box.

| | |
|---------------------------------|--|
| Role | For each unique role, the system displays the role ID. |
| Role Type | For each unique role, the system displays the role type. |
| Seq No (sequence number) | For each unique role, the system displays the sequence number. |
| Organization | For each unique role, the system displays the organization. |
| Geography/Department | For each unique role, the system displays the geography/ department identifier. |

Role Match Fit Scores

For each role, the system displays the workers who are included in the role match process.

| | |
|---|---|
| Empl ID (employee identification number) | For each worker, the system displays the worker's employee identification number. |
| Name | For each worker, the system displays the worker's name. |
| Total Fit | For each worker, the system displays the worker's total fit score. |
| Competency Factor | For each worker, the system displays the worker's competency factor. |
| Proficiency Factor | For each worker, the system displays the worker's proficiency factor. |
| Experience Factor | For each worker, the system displays the worker's experience factor. |

Match Calculation Details - Competencies

For each worker, the system displays a list of the worker's role competencies.

| | |
|---------------------------|--|
| Competency | For each competency, the system displays the competency ID. |
| Importance | For each competency, the system displays the importance. |
| Competency Factor | For each competency, the system displays the competency factor. |
| Proficiency Factor | For each competency, the system displays the proficiency factor. |
| Experience Factor | For each competency, the system displays the experience factor. |
| Fit Score | For each competency, the system displays the fit score. |
| Match | A check mark in this field indicates that the worker is a competency match for this role competency. |

Match Calculation Details - Accomplishments

For each worker, the system displays a list of the worker's role accomplishments.

| | |
|------------------------------|---|
| Accomplishment | For each accomplishment, the system displays the accomplishment ID. |
| Accomplishment Factor | For each accomplishment, the system displays the accomplishment factor. |
| Fit Score | For each accomplishment, the system displays the fit score. |
| Match | A check mark in this field indicates that the worker is an accomplishment match for this role accomplishment. |

