

This Quick Reference Card provides concise steps for using the basic features of the Finance Data Warehouse Phase 2 upgrade (FDW-P2). An electronic copy is available on CSYou at: <https://csyou.calstate.edu/Divisions-Orgs/bus-fin/it/BI-DW/CFSDW/Documents/FDWP2%20Quick%20Ref%20Card.docx>

THE FINANCE DATA WAREHOUSE PHASE 2

The Finance Data Warehouse Phase 2 (FDW-P2) contains all the same reporting content as the "original" data warehouse. FDW-P2 has a wider range of report filters and column selectors. It also contains many standardization enhancements for improved usability.

The FDW-P2 environment is available on CSYou as a button in the Quick Links section. It is located immediately below a button for the original FDW. Both buttons will be available through December 2015.

<https://csyou.calstate.edu/Divisions-Orgs/bus-fin/it/BI-DW/CFSDW/Pages/default.aspx>

Quick Links

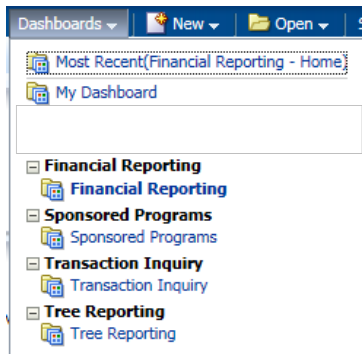


The Finance Data Warehouse P2 environment contains five dashboards:

- Financial Reporting
- Transaction Inquiry
- FIRMS/GAAP
- Sponsored Programs
- Tree Reporting

CHOOSE A DASHBOARD

1. Go to the FDW-P2 Data Warehouse. Click the Dashboards drop down menu to display a list of available dashboards.



2. Click on Financial Reporting to go to the Financial Reporting dashboard Home page.

DASHBOARD SETTINGS ON THE HOME PAGE

Dashboard settings are filters that will apply to ALL pages within a dashboard. In the FDW-P2 environment, you also have the option to override Home Page default settings at the individual page level.

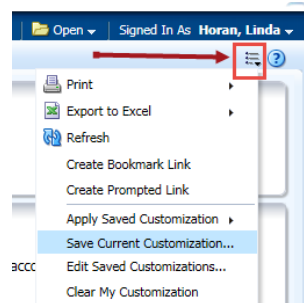
1. Click on the name of any dashboard to go to that dashboard's Home page.
2. In the **Default Settings for this Dashboard** section, select your primary campus values.

Primary business unit	Select primary business unit for campus COCSU - CSU Office of the Chancellor COCSU - CSU Office of the Chancellor COFDN - CSU Foundation COGAP - CO GAAP Reporting BU COINS - CSU Institute COLG - ... Basis (FIRMS)
Primary budget ledger	Choose your primary budget ledger
Original Budget scenario	Choose your original budget scenario (optional)

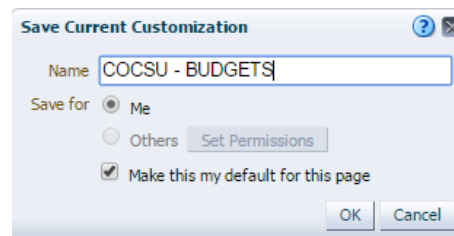
3. Click **Apply** to apply the dashboard filters.

Save your Settings as Default

1. From the **Page Options** menu, choose **Save Current Customization**.



2. Enter a descriptive customization name.
3. Choose **Make this my default for this page**.



4. Click **OK**.

HOW TO: CREATE A REPORT

Generating a report involves the following activities:

- Selecting the report and setting report filters
- Configuring the report results
- Drilling to transaction detail data
- Printing and/or downloading report results
- Saving report customizations

STEP ONE: SELECT THE REPORT AND SET FILTERS

Each dashboard is divided into content areas organized by “pages.” Click on the tab at the top of any dashboard to go the associated page. Many pages contain one report; other pages contain links to multiple reports.

Every report has a report filters section where you can set the filters (the search criteria) that will be used to generate the report results.

MANAGE MY BUDGET AS OF PERIOD: BASIC FILTERS

The MMB page has one report filters section (basic) which includes filters for Business Unit, Account Type, all chartfields, and NOT chartfields. The MMB page defaults to account types 50 and 60; however, you can report on any and all account types.

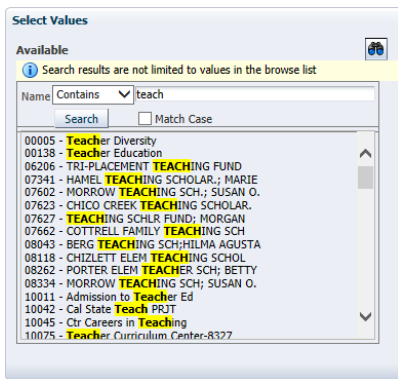
Some pages have an Advanced Filters section. (See Advanced Filters.)

1. Go to the Manage My Budget as of Period page and set the report filters.
Note: If desired, you can choose a different business unit than the one set on the Home Page. You can also select multiple business units.

2. Remove any null values (example: the “x” in Fund field).
3. To search for a filter value, click the dropdown arrow next to the filter field and select Search (example: Dept field).

4. Choose the **Contains** operator.
The two choices you will probably use most often are Starts and Contains.

5. Uncheck **Match Case** if you want to do a search that is not case-sensitive.
This is a more flexible search option that will locate the search string regardless of capitalization.



6. Enter your search criteria in the box to the right of Name.
7. Click the **Search** button.
All available values that contain your search string will display.

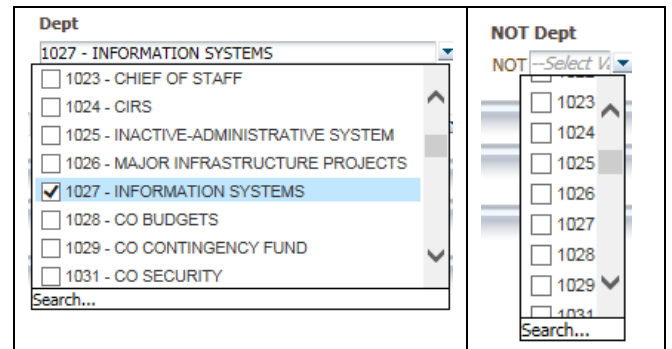
Selection Buttons

- 1 Highlight individual, non-contiguous, or a range of values. Then use the icons or double-clicking to add desired value(s) into the Selected box.
- 2 Click **OK** to return to the report.

WORKING WITH NOT FILTERS

In the FDW-P2 environment, the NOT functionality is available as a report filter. Unlike the filters that are used to select a chartfield or account category value to be included in the report results, the NOT filter searches against the chartfield or category code only.

The “include” filter searches against the Fdescr (code + description). The NOT filter searches against the code only



- 3 When all your report filters are selected, click **Apply Filters** to generate the report.

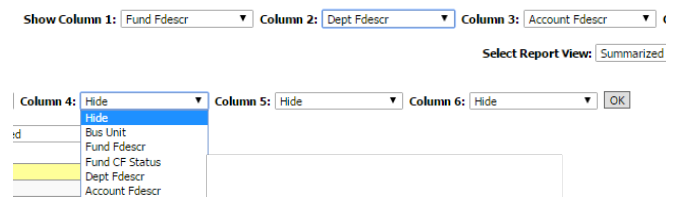
STEP TWO: CONFIGURE REPORT RESULTS

Report results are delivered to your screen based on your report filters. From the displayed results, there are a several things that you can do to get a different perspective of the data:

- Use Column Selectors to configure column layout
- Add/ Remove Subtotals to individual columns
- Use Report Views to display report content in different arrangements

SHOW/HIDE COLUMNS

Reports can be easily modified from 1-6 columns by using the “hide” selection option. By default, columns 1-3 are visible and columns 4-6 are hidden.



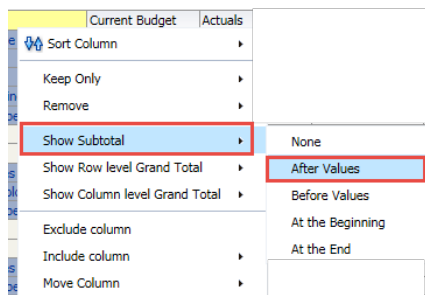
1. To add or change a column value, click the column dropdown and select a value.
2. Click OK. The column(s) you selected will appear on the report.
Columns that are associated with a column selector are indicated by a yellow label.

ADD / REMOVE SUBTOTAL

The first two columns in every report are formatted to display subtotals. The third column is formatted without a subtotal. To add a subtotal to any column, use the Show Subtotal option in the Columns shortcut menu.

- 1 Place the cursor at the top of the column where you want to add a subtotal.
The Show Subtotal option is available only from columns formatted as column selectors, as indicated by the yellow column heading.

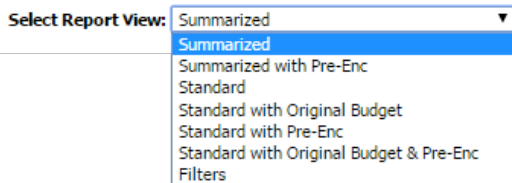
- 2 Right click on the yellow column heading to access the Columns shortcut menu.



- 3- Choose Show Subtotal > After Values.
- 4- To remove a subtotal, choose Show Subtotal > None.

REPORT VIEWS

Report view selectors present report results in different ways or with different formats to display data for a specific purpose. Each report has its own set of views to help organize report data.



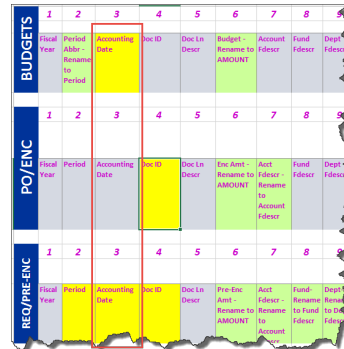
Use the Filters Report View to see all search criteria associated with your report (including dashboard defaults). The report filter criteria also displays at the bottom of the report results area.

Acct Type Fdescr is equal to **50 - Revenues, 60 - Expenditures**
 and Dept Fdescr is equal to **1027 - INFORMATION SYSTEMS**
 and Fund Fdescr is equal to **48501 - CSU OPERATING-GENERAL SUPPORT**
 and Bus Unit Fdescr is equal to **COCSU - CSU Office of the Chancellor**
 and Fiscal Year is equal to **2014**

STEP THREE: DRILL THROUGH REPORT DATA

When you place your cursor over an item and it appears as a hyperlink, you are able to drill on that item. Drilling on a hyperlinked numeric value will take you to the details of the selected amount.

Drilldown have been designed with standardized column order across all types of drills.



- 1 Drill down on a hyperlinked numeric value.

Acct Cat Fdescr	Current Budget	Actuals	Encumbrances
601 - Regular Salaries and Wages	7,712,512.00	7,416,503.63	0.00
603 - Benefits Group	3,348,072.17	3,348,072.17	0.00
604 - Communications	57,950.00	51,532.26	0.00
606 - Travel	80,000.00	49,557.95	243.65
613 - Contractual Services Group	325.00	332.88	0.00

- 2 At the bottom of the screen use the icons to move forward and back through the returned results, 100 rows at a time.



- 3 Sort columns in ascending or descending order.
- 4 Use **breadcrumbs** to return to the parent report.

Breadcrumbs are located at the bottom of your browser window.

STEP FOUR: PRINT / EXPORT REPORT

The term "action link" is used to apply to the hyperlinks that appear at the bottom of a dashboard page or individual reports. The actions that can be performed using action links include Print and Export.

PRINT TO PDF

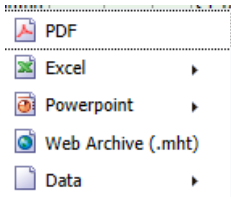
- 1 Click on the Print hyperlink immediately below the report.
- 2 Select Printable PDF.

All report content, including section headings and report filters, will print to the PDF.

- 3 Print or save the PDF file.

EXPORT TO EXCEL

1. Generate a report. Below the report area, click the **Export** link.



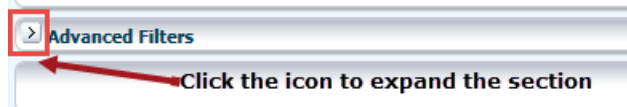
2. Choose **Excel 2007+**.
3. Click **Save > Save as**.
4. Name your Excel file and save it to a local drive.

EXPORT DATA

1. Generate a report. Below the report area, click the **Export** link. Choose **Data**.
2. Choose **CSV Format, Tab delimited Format, or XML Format**.
Note: XML is used to transport data into a format that can be exported to the web.
3. Click **Save**. Choose **Save as**.
4. Name your data file and save it to a local drive.
5. Click on a breadcrumb or the Return link to return to previous screens from a drill down report.

ADVANCED FILTERS

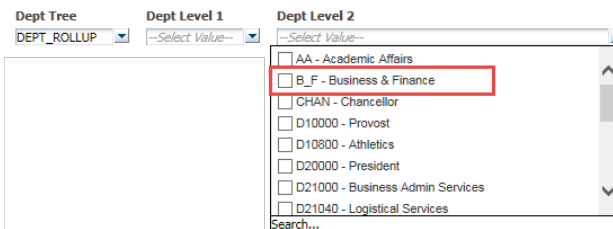
Many dashboard pages contain an Advanced Filters section with a wider range of report filters. The Advanced Filters section can be expanded or collapsed by clicking the down arrow icon.



Advanced Filters include chartfield trees and tree levels for Department, Fund, Account, and Project; chartfield attributes and SCO attributes. All values entered in the Advanced Filters section are stored in any associated Saved Customization whether the Advanced Filters section is open or closed.

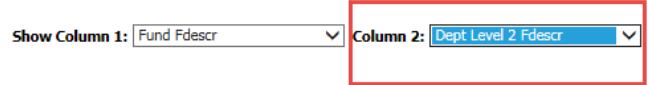
WORKING WITH TREES

The data warehouse supports tree reporting for the Department, Account, Fund, and Project chartfield trees. All trees that have been configured to be available in the Data Warehouse will appear in the tree filter for the corresponding chartfield type.



Report filters based trees and chartfield attributes are designed as “cascading filters”. Once you select a tree or chartfield attribute, the subsequent levels will be filtered.

If you want to use tree levels in your column selectors, you must pick a tree name in the Report Filters or Advanced Filters section.



All of the chartfield trees and tree levels are located in the Advanced Filters section of all pages except for Manage My Budget. Only the Department Tree is available in the Report Filters section of MMB.

STEP FIVE: SAVE REPORT CUSTOMIZATIONS

Using the Page Options / Save Customizations feature, you can store report criteria and formats. You can save as many different combinations of these items as you want for an individual report. You can also choose a saved selection as the default for a page. Saved selections can be renamed or deleted, as needed.

When you save a customization, all of the following components are stored:

- Report filters, basic and advanced
- Column selectors
- Report view

Create a Saved Customization

- 1 Generate a report that has the report filter values that you want to store.
- 2 Select the Report View you want to save.
- 3 Use the Columns Selectors to choose the columns to wish to include in your report results. Click **Go** to execute your selection.
- 4 From the **Page Options** menu, choose **Save Current Customization**.
- 5 Click **OK**.

Apply Saved Customization

- 1 Click **Page Options > Apply Saved Customization > Your Selection Name**
 - Saved selections are specific to an individual dashboard PAGE.
 - There is no limit to the number of saved selections per page.
- 2 Repeat the steps above to apply a different saved selection.
- 3 Click **OK** to save your changes.

MORE DATA WAREHOUSE INFORMATION

Data Warehouse documentation can be found on the CMS website at:

<https://cyou.calstate.edu/Divisions-Orgs/bus-fin/it/BI-DW/CFSDW/Pages/FDW-P2-Data-Warehouse-TRAIN.aspx>