

Data Warehouse 11G

Overview and Live Demo



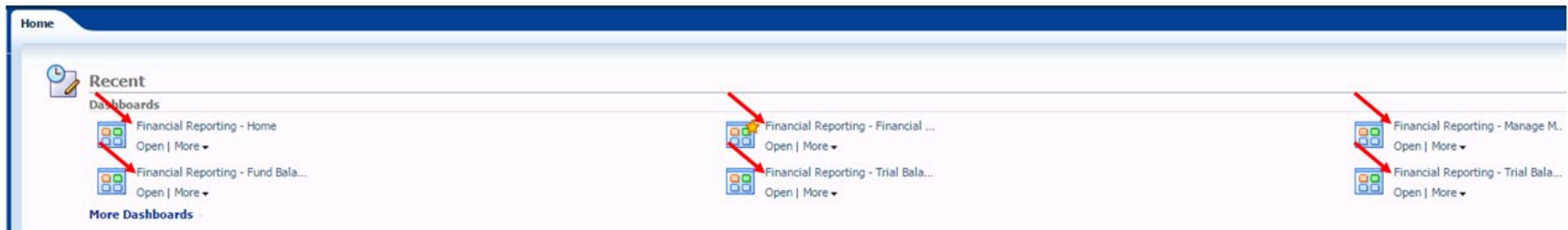
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University Budget Office



- **Navigation**
- **Functionality & Tools**
- **Live Demo**

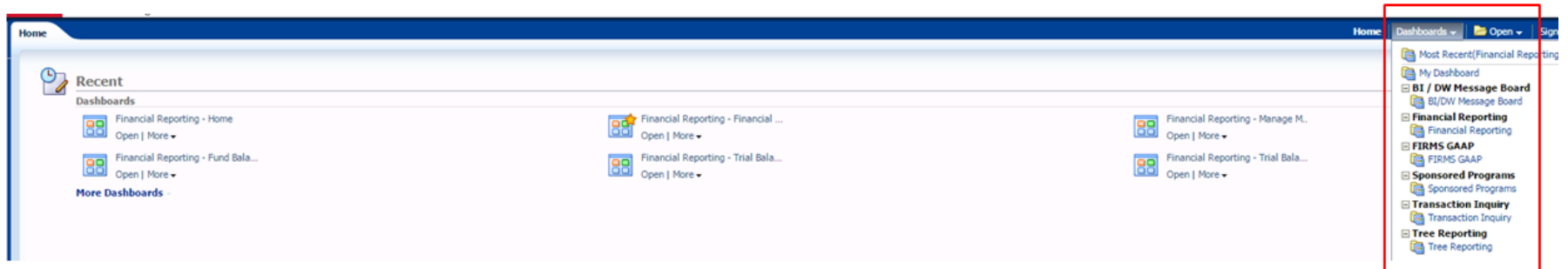
Look & Feel

- Home page
- Recent shows the last 6 reports that the user ran



Navigation

- Navigate using the dropdown “Dashboards” menu



Navigation - Consolidated Dashboards

Two main dashboards used for reporting

- Financial Reporting
- Transaction Inquiry



Financial Reporting

- Department reporting
- Fund reporting
- Trial balance
- Campus Program reporting (SMFND, SMURS)
- **“Financial Summary As of Period” recommended**

Transaction Inquiry

- Open Purchase Order reports
- Open Requisition reports
- Encumbrance reports

Financial Reporting

Home

Manage My Budget as of Period

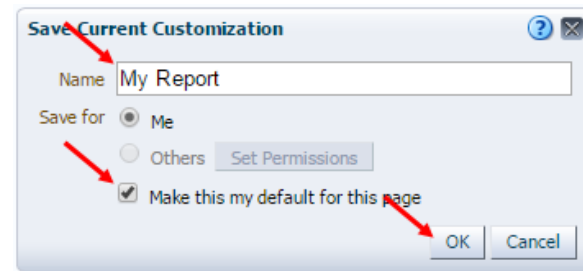
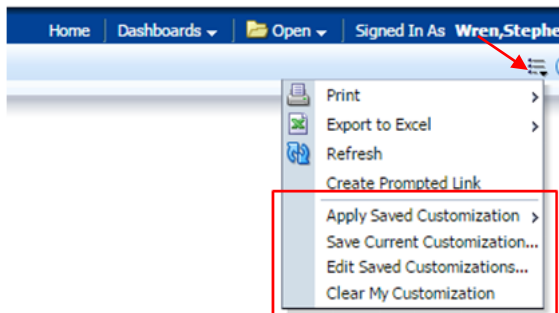
Financial Summary As of Period

Financial Summary Between Periods

Navigation – Saving Reports

Saved reports and defaults are called “customizations”

- Can save or utilize (apply) saved reports using the bullet point icon in upper right



Business Units

- Can run reports with multiple business units
- Business units can be set up as default on homepage of each dashboard
- Can change/add/subtract business units on report filters page – overrides default

The screenshot shows the 'Financial Reporting' homepage. A red arrow points to the 'Financial Reporting' header. The page has a navigation bar with tabs: Home, Manage My Budget as of Period, Financial Summary As of Period, Financial Summary Between Periods, Financial Summary by Year, Trial Balance, Inception to Date, Cash, Fund Balance, and Performance Report As of Period. Below the navigation bar, there is a section titled 'Default Settings for this Dashboard'. A red box highlights a dropdown menu for 'Select primary business unit for campus level reporting'. The dropdown list includes: SMASI - Associated Students Inc., SMCMP - Cal State San Marcos (checked), SMCOR - SM University Corporation, SMCOSU - San Marcos CSU BU, SMFND - San Marcos Foundation (checked), SMGAP - San Marcos GAP BU, SMSTU - Cal State San Marcos Students, and SMURS - Univ Aux Research Serv Corp. There is also a search field below the list. To the right of the dropdown, there are fields for 'Select primary budget ledger' (Standard Budget) and 'Select original budget scenario only'.

The screenshot shows the 'Financial Reporting' report filters page. A red arrow points to the 'Financial Reporting' header. The page has a navigation bar with tabs: Home, Manage My Budget as of Period, Financial Summary As of Period (selected), Financial Summary Between Periods, Financial Summary by Year, Trial Balance, Inception to Date, Cash, Fund Balance, and Performance Report As of Period. Below the navigation bar, there is a section titled 'Report Filters'. A red box highlights a dropdown menu for 'Business Unit'. The dropdown list includes: SMASI - Associated Students Inc., SMCMP - Cal State San Marcos (checked), SMCOR - SM University Corporation, SMCOSU - San Marcos CSU BU, SMFND - San Marcos Foundation (checked), SMGAP - San Marcos GAP BU, SMSTU - Cal State San Marcos Students, and SMURS - Univ Aux Research Serv Corp. There is also a search field below the list. To the right of the dropdown, there are various filter fields: Fiscal Year (2015), As Of Period (4), Account Type (---Select Value---), Account Category (---Select Value---), Budget Ledger (Standard Budget), Fund CF St (---Select Val), Account (---Select Value---), Project (---Select Value---), Program (---Select Value---), Class (---Select Value---), NOT Account (---Select Value---), NOT Project (---Select Value---), NOT Program (---Select Value---), NOT Class (---Select Value---), and NOT Acct C (---Select Value---). At the bottom, there are 'Apply Filters' and 'Reset Filters' buttons.

Financial Reporting Dashboard

- **Wide range of report filters**
 - Standard and expandable “advanced filters”

The screenshot displays the 'Financial Reporting' dashboard interface. At the top, there is a navigation bar with tabs for 'Home', 'Manage My Budget as of Period', 'Financial Summary As of Period', 'Financial Summary Between Periods', 'Financial Summary by Year', 'Trial Balance', 'Inception to Date', 'Cash', 'Fund Balance', and 'Performance Report As of Period'. The 'Financial Summary As of Period' tab is currently selected.

On the left side, there are two expandable filter sections, both highlighted with red boxes:

- Report Filters:** This section contains a grid of dropdown menus for standard filters. The filters are organized as follows:
 - Business Unit: SMCMP - Cal State San Marcos; SMFND - San M...
 - Fiscal Year: 2015
 - As Of Period: 4
 - Account Type: --Select Value--
 - Account Category: --Select Value--
 - Budget Ledger: Standard Budget
 - Fund CF Status: --Select Value--
 - Fund: --Select Value--
 - Dept: --Select Value--
 - Account: --Select Value--
 - Project: --Select Value--
 - Program: --Select Value--
 - Class: --Select Value--
 - NOT Fund: NOT --Select Value--
 - NOT Dept: NOT --Select Value--
 - NOT Account: NOT --Select Value--
 - NOT Project: NOT --Select Value--
 - NOT Program: NOT --Select Value--
 - NOT Class: NOT --Select Value--
 - NOT Acct Cat: NOT --Select Value--
- Advanced Filters:** This section contains a grid of dropdown menus for more granular filtering. The filters are organized as follows:
 - Dept Tree: --Select Value--
 - Dept Level 1: --Select Value--
 - Dept Level 2: --Select Value--
 - Dept Level 3: --Select Value--
 - Dept Level 4: --Select Value--
 - Dept Level 5: --Select Value--
 - Fund Tree: --Select Value--
 - Fund Level 1: --Select Value--
 - Fund Level 2: --Select Value--
 - Fund Level 3: --Select Value--
 - Fund Level 4: --Select Value--
 - Fund Level 5: --Select Value--
 - Account Tree: --Select Value--
 - Acct Level 1: --Select Value--
 - Acct Level 2: --Select Value--
 - Acct Level 3: --Select Value--
 - Acct Level 4: --Select Value--
 - Acct Level 5: --Select Value--
 - Project Tree: --Select Value--
 - Project Level 1: --Select Value--
 - Project Level 2: --Select Value--
 - Project Level 3: --Select Value--
 - Project Level 4: --Select Value--
 - Project Level 5: --Select Value--
 - Fund CF Attrib: --Select Value--
 - Fund CF Att Val: --Select Value--
 - Acct CF Attrib: --Select Value--
 - Acct CF Att Val: --Select Value--
 - Project CF Attrib: --Select Value--
 - Project CF Att Val: --Select Value--
 - Fund Proc Type: --Select Value--
 - CSU Fund Type: --Select Value--
 - Approp Rev Dt: --Select Value--
 - Approp Avl To: --Select Value--
 - State GL Acct: --Select Value--
 - GAAP Nat Class: --Select Value--
 - SCO Fund: --Select Value--
 - SCO Sub Fund: --Select Value--
 - CSU Fund: --Select Value--
 - FIRMS Object: --Select Value--
 - FIRMS Project: --Select Value--
 - GAAP NAC: --Select Value--
 - NOT CSU Fund: NOT --Select Value--

At the bottom of the dashboard, there are two buttons: 'Apply Filters' and 'Reset Filters'.

Functionality

- Expanded search by clicking “more/search” in dropdown
- Enhance search functionality – uncheck “match case” for more flexibility
- Use “contains” to enhance the search

The image displays three screenshots illustrating search functionality in a software interface:

- Top Left:** A main form with fields for Business Unit (SMCMP - Cal Stab), Fiscal Year (2015), and As Of Period (12). Below these are sections for Fund and Dept, each with a dropdown menu. A "NOT Fund" section is also present. A red arrow points to a "More/Search..." link at the bottom of the Dept dropdown.
- Middle:** A "Select Values" dialog box. The "Name" field contains "Starts" and the "Match Case" checkbox is checked. A red arrow points to the "Match Case" checkbox.
- Bottom:** A "Select Values" dialog box. The "Name" field contains "Contains" and the "Match Case" checkbox is unchecked. A red arrow points to the "Contains" dropdown menu.
- Right:** A "Select Values" dialog box showing a list of search results. The "Name" field contains "Contains" and the "Match Case" checkbox is unchecked. A red box highlights the "Name" field and the "Match Case" checkbox. The list of results includes various entries such as "101001 - General Cash", "101004 - Cash State Treasury", etc.

Functionality

- Use column selectors to filter data
- Fdescr (description) optional
- “Hide” an option for last four columns

San Marcos Foundation, SMURS - Univ Aux Research Serv Corp, Fiscal Year = 2015, Period = 4

Column 1: Dept Fdescr

Column 2: Fund Fdescr

- Fund Fdescr
- Bus Unit
- Fund
- Fund CF Status
- Dept ID
- Dept Fdescr
- Account
- Acct Fdescr
- Acct Cat
- Acct Cat Fdescr
- Acct Type
- Acct Type Fdescr
- Project
- Project Fdescr
- Program
- Prog Fdescr
- Class
- Class Fdescr
- Scenario
- Scenario Fdescr

Column 3: Account

1165 - FASCWA Childcare Services

1165 - FASCWA Childcare Services Grand Total

Column 2: Fund Fdescr

Column 3: Hide

Select Report View: Summarized

Dept Fdescr	Fund Fdescr
1165 - FASCWA Childcare Services	48500 - TF Campus Operating Fund
1165 - FASCWA Childcare Services Total	
Grand Total	

Functionality - Drilldowns

- “Drilldown” on any blue or red linked number in a report to see detailed data by clicking on it

- Go back using the “return” or “breadcrumb” navigation at the bottom of the page

Account	Amount	Amount
501400 - Contr-Rev Higher Ed Fees		(335.77)
501802 - Tuition Fee Waiver	4,554,456.18	5,075,806.36
501805 - Non-Res Tuition Fee Waiver	597,818.88	337,776.00
501808 - Student Health Serv Fee Waiver	14,896.10	14,896.10
501813 - Transcript Fee Acad Rec Waiver	1,659.72	1,659.72
501814 - Transcript Fee Academic Record	(379,511.31)	(379,859.31)
501826 - Teacher Credential App Fee	(10,375.00)	(8,150.00)
501827 - Childcare Service Fee	(245,270.45)	(245,270.45)
501829 - Athletics Fee	(2,612,010.60)	(2,612,010.60)
501832 - Assoc Student Body Fee Waiver	4,500.00	1,744.00
501833 - Athletics Fee Waiver	11,610.00	11,610.00

and Bus Unit Fdescr is equal to SMCMP - Cal State San Marcos, SMFND - San Marcos Foundation, SMURS - and Fiscal Year is equal to 2015

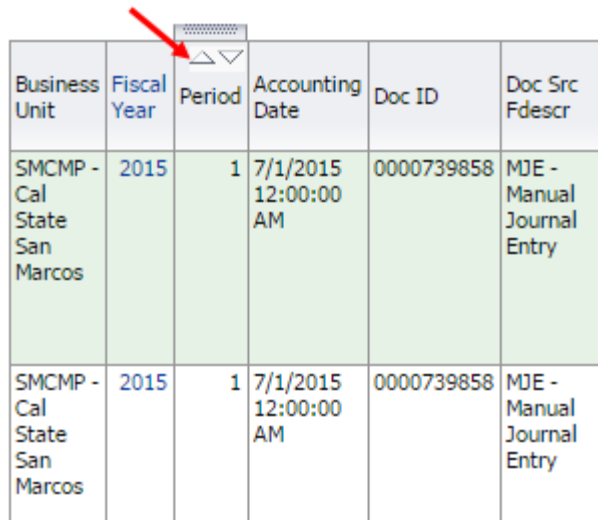
[Return](#) - [Analyze](#) - [Edit](#) - [Refresh](#) - [Print](#) - [Export](#)

Financial Reporting: Home > **Financial Reporting: Financial Summary As of Period** > Actuals Drill Down

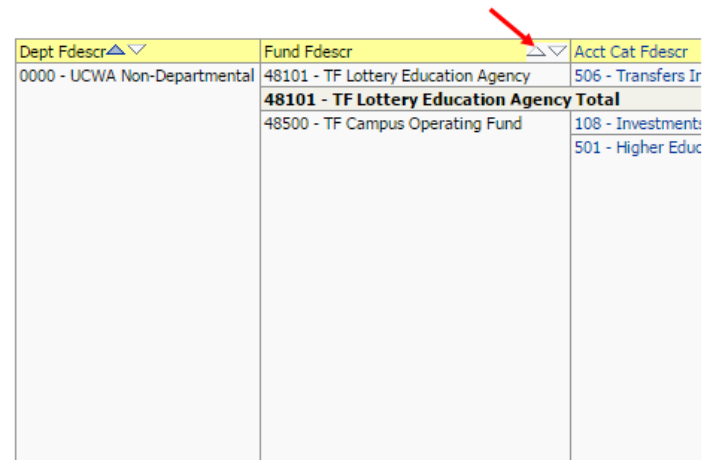
Business Unit	Fiscal Year	Period	Account No	Doc ID	Doc Seq	Doc LI	Doc Desc	Account Name	Fund	Dept	Fdesc	Prog	Class	Project	Stat	Order	Purchase Order	Supplier Name	Invoice ID	Inv ID	Inv Desc	CSU Desc
SMCMP - Cal State San Marcos	2015	12/00/00	0000739858	HDE	17012015	12000000	RCLS - Manual Journal Entry	RCLS - Manual Journal Entry	48500	0000	LCVA	104	104	104	104	104	104			0000739858		Advances Collections for Summer 15 B Fall 15 to Revenue
SMCMP - Cal State San Marcos	2015	12/00/00	0000739858	HDE	17012015	12000000	RCLS - Manual Journal Entry	RCLS - Manual Journal Entry	80.00	48500	LCVA	104	104	104	104	104	104			0000739858		Advances Collections for Summer 15 B Fall 15 to Revenue
SMCMP - Cal State San Marcos	2015	12/00/00	0000741427	HDE	17012015	12000000	RCLS - Manual Journal Entry	RCLS - Manual Journal Entry	102,066.65	501807	LCVA	101	101	101	101	101	101			0000741427		Advances Collections for Summer 15 B Fall 15 to Revenue
SMCMP - Cal State San Marcos	2015	12/00/00	0000741427	HDE	17012015	12000000	RCLS - Manual Journal Entry	RCLS - Manual Journal Entry	180.00	48500	LCVA	104	104	104	104	104	104			0000741427		Advances Collections for Summer 15 B Fall 15 to Revenue
SMCMP - Cal State San Marcos	2015	12/00/00	0000741431	HDE	17012015	12000000	RCLS - Manual Journal Entry	RCLS - Manual Journal Entry	102,066.65	501807	LCVA	101	101	101	101	101	101			0000741431		Advances Collections for Summer 15 B Fall 15 to Revenue
SMCMP - Cal State San Marcos	2015	12/00/00	0000741431	HDE	17012015	12000000	RCLS - Manual Journal Entry	RCLS - Manual Journal Entry	180.00	48500	LCVA	104	104	104	104	104	104			0000741431		Advances Collections for Summer 15 B Fall 15 to Revenue
SMCMP - Cal State San Marcos	2015	12/00/00	9500747963	SE1	17012015	12000000	Student Financials Journals	Student Financials Journals	1965.00	501807	LCVA	101	101	101	101	101	101			9500747963		Student Financials Journals

Functionality - Sorting

- Sort on drill downs or report column headers



Business Unit	Fiscal Year	Period	Accounting Date	Doc ID	Doc Src Fdescr
SMCMP - Cal State San Marcos	2015	1	7/1/2015 12:00:00 AM	0000739858	MJE - Manual Journal Entry
SMCMP - Cal State San Marcos	2015	1	7/1/2015 12:00:00 AM	0000739858	MJE - Manual Journal Entry



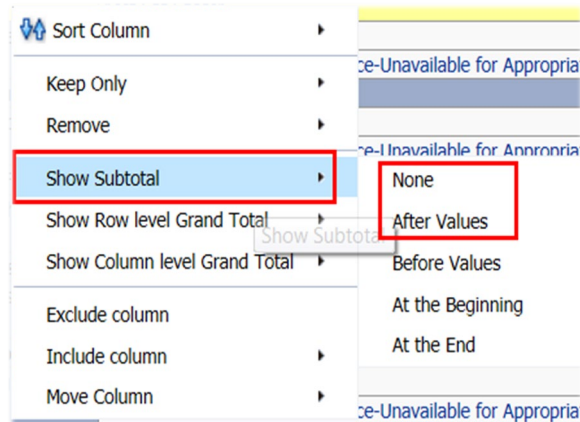
Dept Fdescr	Fund Fdescr	Acct Cat Fdescr
0000 - UCWA Non-Departmental	48101 - TF Lottery Education Agency	506 - Transfers Ir
	48101 - TF Lottery Education Agency Total	
	48500 - TF Campus Operating Fund	108 - Investment;
		501 - Higher Educ

Subtotal

- The first two columns display subtotals
- Add a subtotal option to a third through sixth column by selecting “show subtotal” after right clicking the yellow column header



Acct Cat	Fdescr	Ac
603	- Benefits Group	60
660	- Misc. Operating Expenses	66
Grand Total		



Functionality - Prompt Pivots and Sections

- Pivoting or break data out into sections by right clicking on a yellow column header and selecting "move column to prompts" or "to sections."

Prompt Pivots

Sections

Select Report View: Summarized

Fund Fdescr 48500 - TF Campus Operating Fund

Class	Acct Cat Fdescr	Current Budget	Actuals	Encu
00201	606 - Travel		750.53	
00201 Total			750.53	
00302	601 - Regular Salaries and Wages		2,500.00	

607 - Capital Outlay Projects						
Fund Fdescr	Class	Current Budget	Actuals	Encumbrances	Balance Available	% Used Fiscal Year
48500 - TF Campus Operating Fund	16004	0.00	0.00	0.00	0.00	0%
	16004 Total	0.00	0.00	0.00	0.00	0%
	16005	0.00	0.00	0.00	0.00	0%
	16005 Total	0.00	0.00	0.00	0.00	0%
48500 - TF Campus Operating Fund Total		0.00	0.00	0.00	0.00	0%
Grand Total		0.00	0.00	0.00	0.00	0%
609 - Financial Aid						
Fund Fdescr	Class	Current Budget	Actuals	Encumbrances	Balance Available	% Used Fiscal Year
48500 - TF Campus Operating Fund	11206	1,500.00	0.00	0.00	1,500.00	0%
	11206 Total	1,500.00	0.00	0.00	1,500.00	0%
48500 - TF Campus Operating Fund Total		1,500.00	0.00	0.00	1,500.00	0%
Grand Total		1,500.00	0.00	0.00	1,500.00	0%
613 - Contractual Services Group						
Fund Fdescr	Class	Current Budget	Actuals	Encumbrances	Balance Available	% Used Fiscal
48500 - TF Campus Operating Fund	01201	75,349.32	558,100.68	(633,450.00)		

Functionality – Including & Excluding Columns

- Right click on column header in report or drilldown
- Click on include or exclude column to add or remove column

Dept Level 3 Fdescr	Current Budget	Ac
ACDAFF_ADMIN_GROUP - Administrati	690,396.76	
Office	150,531.42	
	243,823.27	
cation	(2,449.44)	
SpecProject	375.54	
rc Conference		
ACDAFF_ADMIN_GROUP - Administr	1,082,677.55	
ACDAFF_CEHHS - College of Ed, Hlth, H	3,794,369.95	
	949,590.15	
	1,751,175.70	
	1,386,721.03	
		Fiscal Year
		Period
		SCO Fund Fdescr
		CSU Fund Fdescr
		FIRMS Obj Cd Fdescr
		Month to Date Encumbrance
		Month to Date Actuals
1234 - CEHHS Kinesiology		
1309 - CEHHS Masters of S		
1312 - CEHHS Ed Teach Pe		
1313 - CEHHS Ed Credenti		
1317 - CEHHS Kinesiology		
1322 - CEHHS Math/Sci Tei		
1334 - CEHHS Commu		

Trees

- Trees group chartfields that have common characteristics.

Example 1: Department with all funds within that department:

Business Unit
SMCMP - Cal State San Marcos;SMFND - San M

Fund --Select Value-- Dept 1061 - PCSS Copy Ac

Show Column 1: Dept Fdescr Column 2: Fund Fdescr

Dept Fdescr	Fund Fdescr
1061 - PCSS Copy Center	49607 - TF Print Solutions Program
	49607 - TF Print Solutions Progra
	49642 - TF University Copier Program
	49642 - TF University Copier Prog
	54304 - TF Cost Rec Int Copier Prog
	54304 - TF Cost Rec Int Copier Pr
1061 - PCSS Copy Center Total	
Grand Total	

Example 2: Division (Dept Level 2) with all Subdivisions (Dept Level 3) Need to select SM_DEPARTMENT tree

Dept Tree SM_DEPARTMENT Dept Level 1 --Select Value-- Dept Level 2 Academic Affairs Dept Level 3 --Select Value--

Fund Tree --Select Value-- Fund Level 1 --Select Value-- Fund Level 2 --Select Value-- Fund Level 3 --Select Value--

Account Tree --Select Value-- Acct Level 1 --Select Value-- Acct Level 2 --Select Value-- Acct Level 3 --Select Value--

Show Column 1: Dept Level 2 Fdescr Column 2: Dept Level 3 Fdescr Column 3: Hide

Select Report View: Summe

Dept Level 2 Fdescr	Dept Level 3 Fdescr
ACDAFF - Academic Affairs	ACDAFF_ADMIN_GROUP - Administrative Group
	ACDAFF_CEHHS - College of Ed, Hlth, Human Srv
	ACDAFF_CHABSS - College of Hum,Arts,Behv,SocSc
	ACDAFF_COBA - ACDAFF COBA
	ACDAFF_CSM - College of Science & Math
	ACDAFF_EXT_LEARNING - ACDAFF - Extended Learning
	ACDAFF_IITS - ACDAFF IITS
	ACDAFF_LIBRARY - ACDAFF Library
	ACDAFF_VICE_PROVOST - Vice Provost
ACDAFF - Academic Affairs Total	
Grand Total	

Trees – Sponsored Projects

- Sponsored Project number selected from report filters:

Financial Summary As of Period | Financial Summary Between Periods | Financial Summary by Year | Trial Balance | Inception to Date | Cash | Fund Balance | Performance Report As of Period

Business Unit	Fiscal Year	As Of Period	Account Type	Account Category	Budget Ledger	Fund CF Status
SMURS - Univ Aux	2015	4	--Select Value--	--Select Value--	Standard Budget	--Select Value--
Fund	Dept	Account	Project	Program	Class	
--Select Value--	--Select Value--	--Select Value--	85877 - CAMP YR	--Select Value--	--Select Value--	
NOT Fund	NOT Dept	NOT Account	NOT Project	NOT Program	NOT Class	NOT Acct Cat
NOT--Select Value--	NOT--Select Value--	NOT--Select Value--	NOT--Select Value--	NOT--Select Value--	NOT--Select Value--	NOT--Select Value--

- SM_SP_PROJ_ACCT tree selected from advanced filters:

Dept Tree	Dept Level 1	Dept Level 2	Dept Level 3	Dept Level 4	Dept Level 5	
--Select Value--	--Select Value--	--Select Value--	--Select Value--	--Select Value--	--Select Value--	
Fund Tree	Fund Level 1	Fund Level 2	Fund Level 3	Fund Level 4	Fund Level 5	
--Select Value--	--Select Value--	--Select Value--	--Select Value--	--Select Value--	--Select Value--	
Account Tree	Acct Level 1	Acct Level 2	Acct Level 3	Acct Level 4	Acct Level 5	
SM_SP_PROJ_AC	--Select Value--	--Select Value--	--Select Value--	--Select Value--	--Select Value--	
Project Tree	Project Level 1	Project Level 2	Project Level 3	Project Level 4	Project Level 5	
--Select Value--	--Select Value--	--Select Value--	--Select Value--	--Select Value--	--Select Value--	
Fund CF Attrib	Fund CF Att Val	Acct CF Attrib	Acct CF Att Val	Project CF Attrib	Project CF Att Val	
--Select Value--	--Select Value--	--Select Value--	--Select Value--	--Select Value--	--Select Value--	
Fund Proc Type	CSU Fund Type	Approp Rev Dt	Approp Avl To	State GL Acct	GAAP Nat Class	
--Select Value--	--Select Value--	--Select Value--	--Select Value--	--Select Value--	--Select Value--	
SCO Fund	SCO Sub Fund	CSU Fund	FIRMS Object	FIRMS Project	GAAP NAC	NOT CSU Fund
--Select Value--	--Select Value--	--Select Value--	--Select Value--	--Select Value--	--Select Value--	NOT--Select Value--

Trees – Sponsored Projects

- **Column 1: Project Fdescr**
- **Column 2: Acct Level 3 Fdescr**
- **Now able to see direct & indirect costs:**

Show Column 1: Column 2: Column 3: Column 4:

Select Report View:

Project Fdescr	Acct Level 3 Fdescr	Current Budget	Actuals
85877 - CAMP YR 2	SPO_REVENUES - 0_Revenues	(449,899.00)	(449,899.00)
	SP1_SALARIES - 1_Salaries	217,274.00	226,212.30
	SP2_BENEFITS - 2_Benefits	80,744.00	81,379.03
	SP3_DIRECT_COSTS - 3_Other Direct Costs	122,630.00	114,555.74
	SP4_INDIRECT-COSTS - 4_Indirect Costs	29,251.00	27,751.93
85877 - CAMP YR 2 Total		0.00	0.00
Grand Total		0.00	0.00

Contacts

- Training/report assistance: budget@csusm.edu

- Instructions and Guidelines:

<http://www.csusm.edu/budgetoffice/financedatawarehouse.html>

Live Demo