

FRS Data Warehouse General Information

The FRS Data Warehouse is a data warehouse containing the raw information from the mainframe systems. It is an Oracle database server designed to distribute campus central administrative data to individual college and departmental users. It allows the user to download data to the users PC. The FRS Data Warehouse has been implemented using a relational database. The data from the mainframe is replicated periodically into the FRS Data Warehouse tables which provide a convenient and easy mechanism for adhoc queries using a variety of desktop tools. The current campus favorite is Microsoft Access.

Tables and views starting with APOLLO.WFRS contain FRS financial information.

cur_mo tables contain current information
prv_mo tables contain data as of the last month-end
his_fy tables contain data for the prior fiscal years

Contact your LAN Manager for the log in procedures. Consult with the network manager for your department prior to logging on to the FRS Data Warehouse. An application for FRS/CIS/FRS Data Warehouse (located under Forms on the Business and Financial Services website) must be completed prior to access being granted to the user.

FRS Data Warehouse Administrator:

Josh Clark, Information Systems, 6th Floor-North, University Services Center, 491-7169

FRS Administrator:

John Hunter, Business & Financial Services, 6003 Campus Delivery, 491-1956

TABLES AVAILABLE:

Current Files

These tables are refreshed daily (M-F night)

	Apollo.wfrs_	Corresponding FRS screen:
GL Balances	cur_mo_gl_bal_01	18
SL Balances	cur_mo_sl_bal_01	19
GL Attributes	cur_mo_gl_attr_01	2
SL Attributes	cur_mo_sl_attr_01	6
GL C&G Attributes	cur_mo_gl_attr_sp_01	5
SL C&G Attributes	cur_mo_sl_attr_sp_01	9
Encumbrances	cur_mo_encumb_01	21 or 27
Curr Yr Transactions	curfy_trans_01	23
Cost Share Accts	cur_mo_sl_attr_cs_01	
Principal Investigators	cur_mo_sl_attr_pi_01	

Chart of Accounts	cur_mo_coa_01
FRS Buildings	bldg_number_desc_00
FRS Departments	whrs_dept_table_00
FRS Subcodes	subcodes_00

Prior Month Files

These tables are frozen after the end of each monthly closing.

GL Balances	prv_mo_gl_bal_01
SL Balances	prv_mo_sl_bal_01
GL Attributes	prv_mo_gl_attr_01
SL Attributes	prv_mo_sl_attr_01
GL C&G Attributes	prv_mo_gl_attr_sp_01
SL C&G Attributes	prv_mo_sl_attr_sp_01
Encumbrances	prv_mo_encumb_01
Cost Share Accts	prv_mo_sl_attr_cs_01
Principal Investigators	prv_mo_sl_attr_pi_01
Chart of Accounts	prv_mo_coa_01

Prior Year Files

These tables currently contain data from prior fiscal years.

These tables are frozen after the end of each yearend closing.

GL Balances	his_fy_gl_bal_01	
SL Balances	his_fy_sl_bal_01	
GL Attributes	his_fy_gl_attr_01	
SL Attributes	his_fy_sl_attr_01	
GL C&G Attributes	his_fy_gl_attr_sp_01	
SL C&G Attributes	his_fy_sl_attr_sp_01	
Previous Yr Transactions	prevfy_trans_01	(Only the prior year's data is in this table)
Cost Share Accts	his_fy_sl_attr_cs_01	
Principal Investigators	his_fy_sl_attr_pi_01	
Chart of Accounts	his_fy_coa_01	

UPDATES

FRS data is updated on the FRS Data Warehouse daily, Monday thru Friday night.

GL (General Ledger) vs SL (Sub-ledger)

General Ledger accounts begin with zero and maintain the assets, liabilities and fund balance of an account. Sub-ledger accounts (those beginning with 1 thru 9) maintain the revenue and expenses for the fiscal year of an account.

As a rule, users would be interested in the general ledger for 21, 22, 26, 62, 64 and 99 fund accounts - those accounts where there is a carryover of funds from the previous year. General Ledger accounts for 13 and 53 funds are not of interest for the "general" campus user.

TABLE DEFINITIONS

FRS Table Definitions can be found under Chapter 25 in the FRS Manual

All FRS Data Warehouse Table Definitions can be found at the following URL:

<http://applprod.is.colostate.edu:9095/dictweb/dwhdict.startup>

THINGS TO DO:

NETWORK MANAGER

Consult with the network manager for your department prior to logging on to the FRS Data Warehouse. You will need to determine if you have access to the necessary software on your server.

BUSINESS & FINANCIAL SERVICES

Request permission to view your departments FRS data on the FRS Data Warehouse. If you have access to CIS, you probably already have access to the FRS Data Warehouse. Try to link a table; if it works you have access. If it doesn't work complete the FRS/CIS/FRS Data Warehouse application found under Forms on the Business and Financial Services web site

USER

Link tables and create queries!
- at a minimum, link the following tables:

Current Month:

GL Balances	cur_mo_gl_bal_01
GL Attributes	cur_mo_gl_attr_01
SL Balances	cur_mo_sl_bal_01
SL Attributes	cur_mo_sl_attr_01
Curr Yr Transactions	curfy_trans_01

Previous Month

GL Balances	prv_mo_gl_bal_01
GL Attributes	prv_mo_gl_attr_01
SL Balances	prv_mo_sl_bal_01
SL Attributes	prv_mo_sl_attr_01

Previous Fiscal Years

GL Balances	his_fy_gl_bal_01
GL Attributes	his_fy_gl_attr_01
SL Balances	his_fy_sl_bal_01
SL Attributes	his_fy_sl_attr_01
Previous Yr Transactions	prevfy_trans_01

If you work with Sponsored (53 fund) accounts, also link these tables:

GL C&G Attributes	cur_mo_gl_attr_sp_01
SL C&G Attributes	cur_mo_sl_attr_sp_01
GL C&G Attributes	prv_mo_gl_attr_sp_01
SL C&G Attributes	prv_mo_sl_attr_sp_01
GL C&G Attributes	his_fy_gl_attr_sp_01
SL C&G Attributes	his_fy_sl_attr_sp_01

Query Examples:

13 Fund Balances

Tables

SL Balances	cur_mo_sl_bal_01
SL Attributes	cur_mo_sl_attr_01
Joined by	
FS008_Acct_Number	

Fields	Total	Sort	Criteria
FS867_PAYROLL_FRWD	Group By	Ascending	
Y = May 15th close			
Blank or N = June 30th close			
FS008_ACCT_NUMBER	Group By	Ascending	13*
FS948_REVISIED_BUDGET	Sum		
FS956_YR_TO_DATE_ACTUAL	Sum		
FS960_ENCUMBRANCES	Sum		
FS962_BALANCE_AVAILABLE	Sum		
FS052_FRS_DEPT	Where		[Enter your Dept #]

13 Fund Equipment Transactions

Tables

Curr Yr Transactions	curfy_trans_01
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Fields	Sort	Criteria
FT701_AUDIT_ACCT	Ascending	13*
FT702_AUDIT_SUBCODE	Ascending	8*
FT710_PROCESSING_MONTH		
FT030_ENTRY_CODE		Not 02* And Not 05*
FT048_PO_REF_NUMBER	Ascending	
FT054_TRANS_DESC		
FT605_TRANS_AMOUNT		
FT703_TRANS_BATCH		

FT704_BATCH_DATE
 FT060_SECOND REF
 FT067_IDENTIFICATION
 FRS_DEPT

[Enter your Dept #]

53 Fund Projects - End Date

Tables

SL Attributes cur_mo_sl_attr_01
 SL C&G Attributes cur_mo_sl_attr_sp_01
 Joined by FS008_Acct_Number

Fields	Sort	Criteria
FS835_PI_A_NAME	Ascending	
FS008_ACCT_NUMBER	Ascending	
FS040_DESC		
FS840_END_DATE		
FS052_FRS_DEPT		[Enter your Dept #]
FS066_FUND_GROUP		53
FS026_DELETE_FLAG		0

Deficit 21/22/64 Funds

Tables

GL Balances cur_mo_gl_bal_01

Fields	Sort	Criteria
FG008_ACCT_NUMBER	Ascending	
FG914_SUBCODE		1100
FG946_YTD_ACTUAL		< 0
FG148_FUND_GROUP		21 OR 22 OR 64

Document Counts - DPO's

Tables

Curr Yr Transactions currfy_trans_01

Fields	Sort	Criteria
FT030_ENTRY_CODE		065
FT048_PO_REF_NUMBER	Ascending	A*
FRS_DEPT		[Enter your Dept #]

When in query design mode, click on the Properties icon.

A query properties box will appear.

Change the Unique Values field to Yes. This will count each document one time.

The document may be in the table several times (encumbering, payments, correcting journal entries).

For a count of PO's, enter FT048=P* and FT030=065

For a count of IMO's, enter FT048=I* and FT030=061 or 063

Salary Totals by Person

Tables

Curr Yr Transactions currfy_trans_01

Fields	Total	Sort	Criteria
FT701_AUDIT ACCT	Group By	Ascending	> 100000
FT702_AUDIT_SUBCODE	Group By	Ascending	2*
FT054_TRANS_DESC	Group By		
FT605_TRANS_AMOUNT	Sum		
FT030_ENTRY_CODE	Where		Not 02* and Not 05*
FRS_DEPT	Where		[Enter your Dept #]