

# FSL Module FIN 008

## WRDS and Compustat Data

Sam Weaver and David Myers

- Sign on to a computer in the FSL or anywhere in Rauch.
- Open Mozilla Firefox and go to <http://wrds.wharton.upenn.edu/connect>

[Home](#)  
[my.WRDS](#)  
[Tools](#)  
[Support](#)  
[Forums](#)  
[News](#)  
[About](#)  
[Other Links](#)

**WRDS** taps the most comprehensive sources of financial, ac

**Important Changes to CRSP Mutual Funds:** The CRSP Mutu  
Please review the [summary of changes and CRSP's release not](#)

**REQUESTING YOUR FEEDBACK:** Please consider answ  
vital in helping us make WRDS more valuable for you. [P](#)

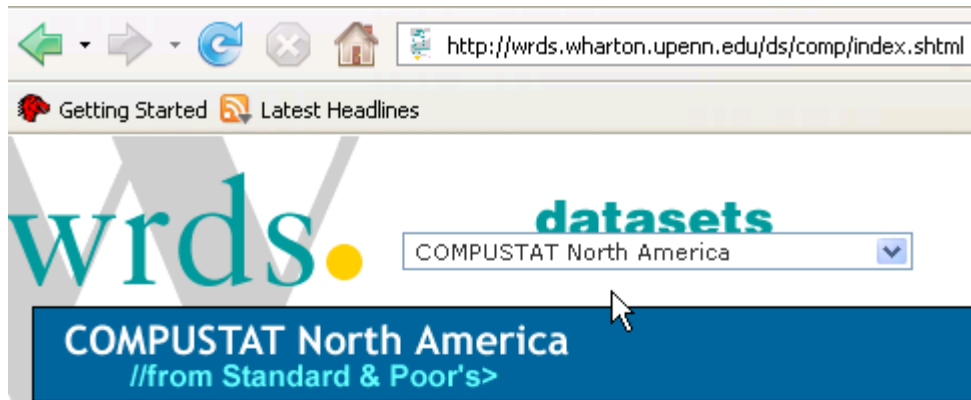
[Dataset List by Vendor](#) [Dataset List by Concept](#)

**Lehigh University** subscribes to datasets from the following pr

- ◆ [COMPUSTAT North America](#)
- ◆ [CRSP](#)
- ◆ [NYSE TAQ](#)

- Once in WRDS, click on [COMPUSTAT North America](#)

- COMPUSTAT (from Standard & Poor's) provides more than 300 annual and 100 quarterly Income Statement, Balance Sheet, Statement of Cash flows, and supplemental data items on more than 24,000 publicly held companies.



#### Annual Updates

- ▶ [Fundamentals Annual](#)
- ▶ [Fundamentals Quarterly](#)
- ▶ [Security Monthly](#)
- ▶ [Pension](#)
- ▶ [Industry Specific](#)

#### FTP (Legacy) Version

- ▶ [Industrial Annual](#)
- ▶ [Industrial Quarterly](#)
- ▶ [Prices, Dividends & Earnings](#)
- ▶ [Canadian](#)

#### Other Products

- ▶ [Bank](#)
- ▶ [Segments](#)
- ▶ [Index Fundamentals](#)
- ▶ [Audit Fees](#)
- ▶ [Executive Compensation](#)
- ▶ [Global](#)
- ▶ [Emerging Markets](#)
- ▶ [Preliminary History](#)
- ▶ [Unrestated Quarterly](#)
- ▶ [Point in Time](#)
- ▶ [Filings](#)

#### Tools

- ▶ [Balance Sheet and Income Statement Extract](#)
- ▶ [Financial Statements - Annually Updated](#)
- ▶ [S&P Index Constituents](#)

#### [Quarterly Updates...](#)

Quarterly updates of Compustat North America are now available. For more information, contact WRDS at [wrds-support@wharton.upenn.edu](mailto:wrds-support@wharton.upenn.edu).

**Standard & Poor's** Investment Services, a division of Moody's, provides the data for Compustat®. It is a standardized database delivering fundamental financial data.

**Compustat North America** is a database of U.S. and Canadian companies providing annual and 100 quarterly Income Statement, Balance Sheet, Statement of Cash Flows, and Supplemental Data.

Standard & Poor's offers a selection of Compustat North America data. The industrial quarterly formats offer restated data as reported, and the annual and quarterly formats offer trends and growth rates. For most companies, annual and quarterly data are available.

Compustat North America files also contain information on company ownership and executive compensation. See the Compustat User's Guide for more information.

WRDS offers access to Compustat North American data through the Library or Business School. See the links below for more information on how to access additional data using these options.

- ◆ [Standard & Poor's Research Insight](#)
- ◆ [Standard & Poor's Market Insight](#)

#### **COMPUSTAT Database copyright notice**

Copyright © 2006, The McGraw-Hill Companies, Inc. Data provided by Standard & Poor's.

- For this assignment, click FUNDAMENTALS ANNUAL at the top of the left hand column.
- You should now be in the Compustat – Fundamentals Annual (this page can query and extract data for all companies, years and items in the Compustat North America Fundamental Annual Dataset).

**Compustat - Fundamentals Annual**

This page can query and extract data for all companies, years and items in the Compustat North America Fun

Data Query | [Documentation](#) | [Data Manuals](#) | [Retrieve from myWRDS Queries](#)

**Step One: Date Range**

Date Variable:  Datadate  Fiscal Year

Beginning   Ending

**Step Two: Search**

Search By

Choose 1 Of 3 Methods

1. Company Codes  
 [Code Lookup](#)

2. File Containing Company Codes

3. Entire Database

Screening Variables [Add to Output](#)

<a href="#">Consolidation Level</a>	<input checked="" type="checkbox"/> C <input type="checkbox"/> N <input type="checkbox"/> R <input type="checkbox"/> P <input type="checkbox"/> D	<input checked="" type="checkbox"/>
<a href="#">Industry Format</a>	<input checked="" type="checkbox"/> INDL <input type="checkbox"/> FS	<input checked="" type="checkbox"/>
<a href="#">Data Format</a>	<input checked="" type="checkbox"/> STD <input type="checkbox"/> SUMM_STD <input type="checkbox"/> PRE_AMENDS <input type="checkbox"/> PRE_AMENDSS	<input checked="" type="checkbox"/>
<a href="#">Population Source</a>	<input checked="" type="checkbox"/> D <input type="checkbox"/> I	<input checked="" type="checkbox"/>
<a href="#">Currency</a>	<input checked="" type="checkbox"/> USD <input checked="" type="checkbox"/> CAD	<input checked="" type="checkbox"/>
<a href="#">Company Status</a>	<input checked="" type="checkbox"/> A <input checked="" type="checkbox"/> I	<input checked="" type="checkbox"/>

Conditional Statements **(Optional)**

- We want to pull all the firms in a particular industry (by NAICS code). First step is to choose the dates January 2000 to December 2006.

- Next, search by NAICS
  - Company codes with 722110.
  - Double check the search by using/selecting a CONDITIONAL STATEMENT: NAICSH = 722110.
  
- Moving down the page we will chose specific data items.
  - *Select variables to be included in the output. You can select multiple data items by holding the control key while clicking.*
  - Choose **REVT -- Revenue – Total** and **NI -- Net Income (Loss)**
    - Both can be found under Data Items M-Z.
    - You can also select Company Name, Ticker Symbol, and Fiscal Year-End under step three: variables below.

### Step Three: Variables

#### Identifying Information

- Company Name  Ticker Symbol  CUSIP  CIK Number  [Stock Exchange Code](#)  
 [Fiscal Year-End](#)  [Foreign Incorporation Code](#)

ADD1 -- Address Line 1  
ADD2 -- Address Line 2  
ADD3 -- Address Line 3  
ADD4 -- Address Line 4  
ADDZIP -- Postal Code

Select Variable Types:  Data Items  Footnotes  Data Codes

#### Company Descriptor

FYEAR -- Data Year - Fiscal  
ISMOD -- Income Statement Model Number  
OGM -- OIL & GAS METHOD  
PDATE -- Preliminary Date  
PDDUR -- Period Duration  
SCF -- Cash Flow Format  
SRC -- Source Document  
STALT -- Status Alert  
UDPL -- Utility - Liberalized Depreciation Code  
UPD -- Update Code

#### Data Items A-L

ACCHG -- Accounting Changes - Cumulative Effect  
ACCLI -- Accrued Liabilities - Increase/(Decrease)  
ACCO -- Acceptances Outstanding  
ACDO -- Current Assets of Discontinued Operations  
ACO -- Current Assets - Other - Total  
ACODO -- Other Current Assets Excl Discontinued Operations  
ACOMINC -- Accumulated Other Comprehensive Income (Loss)  
ACOX -- Current Assets - Other - Sundry  
ACOXAR -- Current Assets - Other - Total As Reported  
ACQDISN -- Acquisitions and Disposals - Net Cash Flow

#### Data Items M-Z

NI -- Net Income (Loss)  
NIADJ -- Net Income Adjusted for Common/Ordinary Stock (Capital) Equivalents  
NIECI -- Net Income Effect Capitalized Interest  
NIINT -- Net Interest Income  
NIIT -- Net Interest Income (Tax Equivalent)  
NIM -- Net Interest Margin  
NIO -- Net Items - Other  
NIT -- Net Item - Total  
**NITS -- Net Income - Total (Statutory)**  
NOASHIR -- Net Overdrafts Acquired with Subsidiaries

- At the bottom of the page, choose XML Excel Spreadsheet for the Output Format.

**Step Four: Output**

Output **Format**  
 XML Excel Spreadsheet (\*.xls) ▼

Date **Format**  
 YYMMDDn8. (e.g. 19840725, Default Format) ▼

Compression Type  
 <none> ▼

E-Mail Address (**Optional**)  
 scw0@lehigh.edu

Submit Request Save Query Reset

[How 'Save Query' works -- Using myWRDS Queries](#)

- o Finally, click on **Submit Request**. A new tab opens that will refresh every 10 seconds until the request/output is complete.

Data Request Summary	
Data Request ID	291301824
Libraries/Data Sets	comp/funda /
Frequency/Date Range	ann / Jan 2000 - Dec 2006
Search Variable	TIC
Input Codes 1 item(s)	hsy
Conditional Statements	n/a
Output format/Compression	xls /
Variables Selected	CONSOL INDFMT DATAFMT POPSRC CURCD COSTAT CONM TIC FYR NITS REVY
Extra Variables and Parameters Selected	C INDL STD

our output is complete. Click on the link below to open the output file.

[291301824.xls](#) (10 KB, 7 observations 14 variables)

**Download instructions**  
 Netscape users... Shift-click  
 Internet Explorer users... Right-click and select "Save Target As..."

**Notice:**  
 Your use of WRDS and this data extract must comply with the [WRDS Terms of Use](#). There may be information about data licensing and appropriate usage, please contact [wrds-support@wharton.upenn.edu](mailto:wrds-support@wharton.upenn.edu).

You can now download your data by clicking on the spreadsheet.

Notes:

Industry codes such as the SIC or new NAICS can be found at <http://www.census.gov/epcd/www/naics.html>. For this assignment, we used 722110 Full Service Eating Places.