Getting Started with
Wharton Research Data Services

University of Massachusetts Lowell

http://wrds.wharton.upenn.edu
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Welcome to Wharton Research Data Services!

Wharton Research Data Services (WRDS) is the leading comprehensive, web-based, data research service used by academic, government, and non-profit institutions. WRDS handles all data management and provides the user with one location to access a variety of research databases through a common interface. WRDS supports a global research community of over 20,000 users in 27 countries. Developed in 1993 to support faculty research at Wharton, the WRDS service has since evolved to become a resource for research for over 280 institutions around the world including:

<table>
<thead>
<tr>
<th>Stanford University</th>
<th>Northwestern University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harvard University</td>
<td>University of Hong Kong</td>
</tr>
<tr>
<td>London School of Economics</td>
<td>University of Chicago</td>
</tr>
<tr>
<td>London Business School</td>
<td>Massachusetts Institute of Technology</td>
</tr>
</tbody>
</table>

WRDS provides access to COMPUSTAT, CRSP, Bureau van Dijk, Thomson Reuters, NYSE Euronext, and other important business research databases in a manner that gives universities several key benefits:

**Outsourced Data Management.** The Wharton Computing staff receives the data directly from providers and posts the data to our system in SAS data sets. The data is warehoused at Wharton and access is provided to subscribers over the Internet. You concentrate on research; we handle all the data management issues.

**Simultaneous Access to Multiple Data Sources.** WRDS provides a common interface to a variety of databases, simplifying extraction and increasing productivity. WRDS may be accessed through three methods: (a) the Web interface, (b) a UNIX terminal session on the WRDS host, and (c) PC SAS Connect. Connecting to WRDS for a terminal session, users can run a custom program in SAS, C or Fortran to retrieve data and to perform basic processing of the data to be transported to a local computer.

**Professional Technical and Research Support.** Our staff of doctoral-level research specialists is available to you online through the WRDS Support Help Desk. They can assist you with difficulties pertaining to database access, data queries, and programming in SAS, FORTRAN, or C. A **Library of on-demand videos**, hosted by our research experts, is available on our WRDS site.

**Financial Benefits.** This service allows the university’s IT staff to focus on your faculty’s needs, rather than loading and managing data. Vetting and loading data, running sets of validation routines to identify problems, and discovering changed datasets are just a few tasks that represent a significant expenditure in developer time.

**Integrated Tools.** WRDS provides sophisticated software tools and sample programs for a wide variety of applications, including security analysis, conducting event studies, and testing asset-pricing models using Fama-French portfolios. In addition, complete financial statements for a single company can be downloaded using a simple web interface.

**Classroom Learning Enhancements.** Access to historical financial data on WRDS is also available to students using special class accounts that may be requested by any standing faculty of member institutions. WRDS enables faculty to demonstrate real-world applications of principles, using actual company data in place of hypothetical examples.

**Internet-based access in Libraries or Labs.** One-click, web-based access in labs and libraries is available.

We hope you enjoy your new WRDS accounts. We are confident you will find the ease of access, abundance of data, and system support a significant benefit to your research and teaching endeavors.

Enjoy!

Sincerely,

WRDS Staff
1.1 Eligibility for Access

All current faculty, staff, and students at University of Massachusetts Lowell are eligible for web access to WRDS. Individual (faculty, doctoral, staff, visitor and research assistant) accounts, which allow SSH access, may be provided with access at the discretion of the university’s WRDS Representative. Unfortunately, alumni members of the community, research colleagues outside the university, and other persons not actively employed or registered with the university do not qualify.

Our WRDS policy prohibits undergraduate/Masters students from accessing WRDS during the extended break between semesters. Once the new semester begins, these students will again be able to access their WRDS accounts. Please contact our WRDS Help Desk with any questions.

1.2 Applying for an Account

Step 1:
- Point your web browser to http://wrds.wharton.upenn.edu

Step 2:
- In the center of the login screen, you will see a link entitled “Register for a WRDS Account.”
- Click on that link. Then click on the link entitled “new account.”

Step 3:
- Fill out the account request form.

Step 4:
- Click the box entitled ‘submit.”

1.3 Types of Accounts

**Faculty**: Faculty accounts are available to all standing faculty of member institutions. Standard accounts allow unlimited access via web, SSH, and/or FTP, and include 750 MB of home/projects storage. Faculty will have their own password access; this password is to remain confidential and is **not to be shared with any other individual**.

**Staff**: Staff accounts can only be requested by support personnel such as librarians, IT support staff or other staff of member institutions. (Please note that this type of account does not automatically carry WRDS Rep privileges, though many WRDS reps have this kind of account. WRDS Rep administrative capabilities are assigned separately from the account designation.) Staff accounts allow unlimited access via web, SSH, and/or FTP, and include 750 MB of home/projects storage. Staff will have their own password access; this password is to remain confidential and is **not to be shared with any other individual**.

**Ph.D. student**: Ph.D. accounts are available to all current Ph.D. candidates of member institutions. (Ph.D. candidates who accept a faculty appointment at another institution may continue to use their WRDS account until they defend their dissertation. After the defense, then the WRDS Rep will disable the account.) Standard accounts allow unlimited access via web, SSH, and/or FTP, and include 750 MB of home/projects storage. Doctoral students will have their own password access; this password is to remain confidential and is **not to be shared with any other individual**.

**Masters student**: Masters accounts are available to full-time masters students of member institutions. These accounts allow unlimited access via the WRDS website. Masters students will have their own password access. These accounts do **NOT** include disk storage. This password is to remain confidential and is **not to be shared with any other individual**. Please note: Masters accounts will **NOT** have access to WRDS during the university’s summer break. Please contact WRDS should you have any questions regarding this access.
**Visitor:** Visitor accounts are available to visiting faculty (non-permanent or part-time position). These accounts are subject to additional review and may not be used after the visiting appointment ends. The WRDS Rep will choose to approve this person as a visitor. The guidelines for “visitors” require a formal relationship between the institution and the individual -- the individual is being paid to be at your institution or has a formal letter of appointment (from a Dean) to an unpaid position. This generally precludes co-authors and Ph.D. candidates as well as unpaid research associates. The User will have to accept additional Terms of Use prior to access. Standard accounts allow unlimited access via web, SSH, and/or FTP, and include 750 MB of home/projects storage. This password is to remain confidential and is not to be shared with any other individual.

**Research Assistant:** Research accounts are available to graduate and undergraduate students performing research for a faculty member. Research Accounts allow access via web, SSH, and/or FTP, and include 750 MB of home/projects storage. A standing faculty member may have one Research Assistant account. Research assistants will have their own password access; this password is to remain confidential and is not to be shared with any other individual.

**Class:** Class accounts may be requested by standing faculty of member institutions and are used to access the WRDS web interface. These accounts are primarily for student usage that is associated with a specific class and all students in the class share the same password. Up to 15 simultaneous users will share the same account and password. These accounts provide access only and do NOT include disk storage. They expire at the end of the term. This password is not to be shared with any other individual outside of the class.

**Library/Lab:** Library/Lab accounts are used to access WRDS using IP authentication. When logging into WRDS, users enter a valid email account. This is not a login which will need approval from your local WRDS Representative, but simply a valid email account. Users will then be asked to enter an email account with your institution’s domain. WRDS will then send an email message to that email account to verify that the account is valid. This email will contain an “Access Pass” link which the User can click on to get direct access into WRDS.

### 1.4 WRDS Terms of Use

All users must agree to the following:

- **Your use of the WRDS services is for academic and non-commercial research purposes only.** Your use of the WRDS services is governed by and restricted under the Subscription Agreement between your host university or institution (the "Subscriber") and Wharton Research Data Services. You may not use data downloaded from the WRDS database for any non-academic or commercial endeavor.

- **Your access to the WRDS database is governed by the Subscription Agreement between the Subscriber and Wharton Research Data Services.** Individual WRDS accounts are offered to standing faculty, full-time research staff, currently-enrolled Ph.D., and full-time Masters students at Subscriber institutions. Access and individual accounts for research assistants, visiting scholars, and other non-permanent faculty is offered at Wharton Research Data Service's discretion. Access by other types of students is limited to class accounts, in-library use accounts, and special IP authenticated services as provided by Wharton Research Data Services. **Please note:** Our WRDS policy prohibits undergraduate/Masters students from accessing WRDS during the extended break between semesters. Once the new semester begins, students will again be able to access their WRDS accounts.

- **You must protect the confidentiality of your WRDS username and password.** You may not reveal, disclose, transfer or share your username and password with anyone, including without limitation a co-author or other collaborator.

- **You will be prompted to reset your password on an annual basis.**
• **You may only have one designated and current affiliation.** If you should have two affiliations, your most current affiliation will support the account for your WRDS access. You are not permitted to hold WRDS Accounts at separate institutions.

• **You must notify Wharton Research Data Services within thirty (30) days of any changes in your affiliation with the Subscriber institution**, including without limitation if you leave your current university or institution or change your affiliation in any manner. IF YOU ARE NO LONGER EMPLOYED AT A UNIVERSITY OR INSTITUTION THAT SUBSCRIBES TO WRDS, YOU MAY NOT ACCESS OR USE THE WRDS SERVICES. If your new university or institution is a then-current WRDS subscriber, Wharton Research Data Services will transfer your account and files to your new university's or institution's account. Your use and access to the WRDS services will then be subject to these Terms of Use and the Subscription Agreement between your new university or institution and Wharton Research Data Services. If your new university of institution is not a then-current WRDS subscriber, then you may not access or use the WRDS services.

• **Your university or institution may place additional restrictions on your use of and access to the WRDS services.** You must learn about and honor restrictions your university or institution may place on users of the WRDS services and any use of the licensed data that is accessed through the WRDS services.

• **Your rights to access and/or use the WRDS services is subject to immediate suspension if there is any evidence of the misuse of your WRDS services account or username or password.** If a violation of this agreement is suspected, WRDS reserves the right to disable your account, at which time the WRDS Representative for your university will be notified. Following an internal investigation, WRDS will determine whether the account may be reactivated or permanently disabled. If the account is reactivated, the password must be reset.

• **WRDS and its third party data providers do not make any representations or guarantees about the accuracy or timeliness of the content.** Due to the number of sources from which WRDS contents are obtained, and the inherent hazards of electronic distribution, there may be delays, omissions, or inaccuracies in the contents. Although the contents have been obtained from sources believed to be reliable, they are provided to you on an "as is" basis without warranties of any kind. With respect to this service and the contents, and to the fullest extent permitted by applicable law, WRDS and its third party data providers hereby disclaim all express, implied and statutory warranties of any kind to the user or any third party, including, but not limited to, representations and warranties regarding accuracy, timeliness, completeness, correctness, currentness, noninfringement, merchantability, or fitness for any particular purpose, or any representations or warranties arising from usage or custom or trade or by operation of law. WRDS, and its third party data providers, assume no responsibility for the consequences of any errors or omissions. In no event shall WRDS or any third party data provider or any of their licensors be liable to the user or to anyone else for any loss or injury caused in whole or in part by contingencies beyond their control or negligence in procuring, compiling, interpreting, editing, writing, reporting or delivering any content. In no event shall WRDS or any third party data provider or any of their licensors be liable to the user or anyone else for any claim arising out of or relating to WRDS-provided content, including, but not limited to, any decision made or action taken by you in reliance upon such content or for any types of damages (such as, but not limited to, direct, consequential, special, incidental, punitive or indirect damages), even if advised of the possibility of such damages.

• **User agrees to place the following acknowledgement in all publications or other communications prepared using the WRDS services:** “Wharton Research Data Services (WRDS) was used in preparing __________ [identify research piece]. This service and the data available thereon constitute valuable intellectual property and trade secrets of WRDS and/or its third-party suppliers.”

• To the extent there is any conflict between these Terms of Use and the Subscription Agreement governing your access and use of the WRDS services, the terms of the Subscription Agreement shall govern.
1.5 Databases Available

Although WRDS provides access to a wide variety of databases, users are only given authorization to those to which their university subscribes. If you attempt to access a database to which your university does not subscribe, you will receive the following error message:

“User does not have appropriate authorization level for file.”

Below is a list of the databases available for WRDS. Your access will depend on your school’s licenses. For more information on data access and permissions, see the "My Datasets” link in the MY.WRDS section of our web site and peruse the "Data Lists" for the various subdivisions of data products and subscription levels.

**Board Analyst**
- Governance, compensation, performance practices

**Bureau Van Dijk ®:**
- Amadeus
- Bankscope
- Isis
- Osiris

**Center for Research in Security Prices® (CRSP):**
- NYSE/AMEX/NASDAQ Stocks
- Government Bonds
- Indices/Portfolio Assignments
- CRSP/Compustat Merged Database

**CENTRIS:**
- Household Survey
- Insights Reports

**CISDM**
- Hedge Funds, active CTAs, CPOs

**Capital IQ’s Compustat®:**
- Industrial, Full Coverage and Research
- Canadian Industrial
- Business Industry Segments
- Business Geographic Segments
- Price, Dividends, and Earnings
- Bank
- Executive Compensation
- Unrestated Historical data
- Audit Fee

**Capital IQ’s Global®:**
- Industrial/Commercial
- Financial Services
- Issues
- Currency
comScore:
- Marketing

Eventus:
- Event Study Software

First Call Historical Database
- Analyst Estimates

Global Insight:
- DRI Basic Economics
- DRI International

GovPX, Inc.®:
- Treasury Bonds, Tick-by-Tick

GSI Online:
- Mergers and Acquisitions (M&A) Database
- Registrations and Prospectus Database

GTA-CSMAR:
- Accounting, Finance, Economic data for China

Institutional Brokers Estimate System® (I/B/E/S):
- Detail and Summary History
- Summary History

ISSM:
- Price and Volume data

IVES' Audit Analytics:
- Audit Fee

KLD:
- Globally social investment research

Mergent FISD:
- Fixed Income Securities Database
- Fixed Income Securities Database with NAIC data

NYSE Trade and Quote® (TAQ):
- Consolidated Trades and Quotes

OptionMetrics:
- Ivy DB

The NASDAQ Stock Market, Inc.®:
- NASTRAQ
Rent Bureau:
- Rental History

RiskMetrics
- Takeover Defenses
- Directors Data
- Shareholder Proposal
- Voting Data

Sandra Ann Morsilli Pacific-Basin Capital Markets Research Center:
- PACAP Databases

Thomson Reuters,©:
- Mutual Fund Holdings
- Institutional (13f) Holdings
- Insider

Access to the following databases is available to all subscribers at no charge:
- Bank Regulatory Database
- Blockholders
- CBOE Indexes
- DMEF - Direct Marketing Educational Foundation
- Dow Jones
- Fama-French ("Research") Portfolios and Factors
- Federal Deposit Insurance Corporation (FDIC)
- Federal Reserve Bank reports
- IRI Marketing Factbook: Point of Sale (following permission from IRI. Contact WRDS)
- Penn World Tables
- Philadelphia Stock Exchange Options
- SEC Disclosure of Order Execution
- TRACE

1.6 Future Resources

To provide clients with an ever-expanding resource, we are continually negotiating with new vendors about adding a variety of datasets to WRDS. Please visit our electronic newsletter, wrds.News, for further information.
1.7 Accessing the Data

WRDS may be accessed either through a web interface or a UNIX login session. After January 28, 2003, users may no longer connect to WRDS using the telnet protocol. A Secure Shell (“SSH”) program should be used instead. An account with username and password authorization is required to access WRDS using either method.

Web Interface:

To access WRDS via the Web, begin by pointing your browser http://wrds.wharton.upenn.edu. The WRDS web site serves our users in three ways. First, it offers the documentation and description of databases available. Each database is accompanied by a general description, various components of the database, descriptions of variables, and documentation. Second, users may access the database using the query forms. Users can search and download information using these pages by entering their own search criteria. Finally, users can submit an account request, a restore request, or technical questions with this access method.

SSH:

You may also make an SSH connection to wrds.wharton.upenn.edu with a WRDS-issued username and password. Once logged in, you will begin at your home directory.

The directory structure for the data is as follows:

- /wrds/crsp/
- /wrds/compustat/
- /wrds/fdic/ etc.

Each database directory contains subdirectories for the data files and sample programs.

- /wrds/crsp/sasdata
- /wrds/crsp/samples

Each database directory contains subdirectories. We have several documents that provide step-by-step instructions on how to SSH to WRDS and how to retrieve data with FORTRAN and SAS programs (see Section 3.2). They are in MS Word format and can be easily accessed.

WRDS Access Pass

WRDS Access Pass

IP Authenticated workstation/s are available within your institution’s library or computer labs. These may only be accessed by valid Users (not the general public) at your institution. This is an ideal way for undergraduate students (who may not have access to WRDS via a class account and who do not qualify for an individual account) to utilize the system. Accessing the WRDS platform through this method does not provide disk storage or access to the WRDS computing cloud. WRDS website URL for IP access is: http://wrds-web.wharton.upenn.edu/wrds/connect

End User Experience

The Librarians for each institution will consult with WRDS and receive a link for the range of IP-Authenticated computers. The user will open a web browser session and follow the initial steps to obtain an Access Pass. The WRDS server will verify that the email address is valid for the institution (no gmail or hotmail, etc). Once validated, the user will receive an email with the Access Pass link.
**Duration of Access Pass**

The access pass can be set to last from 1 to 3 days per user, the default is one day. Please contact your WRDS Representatives with any questions.

**What will WRDS do with this contact information?**

WRDS will store the contact information with a record of each data query made during that session, just as it does for all WRDS Users with their own accounts. It will not be treated differently or protected in any way that is less secure than regular WRDS Users. Our privacy policy ensures that WRDS does not share personally identifiable information with any other entities. However, information maintained by WRDS may be disclosed in connection with any judicial proceeding.

**Vendor Technical Support Information**

**2.1 Vendor Technical Contact Information**

For data vendor technical support, please contact the data vendors that offer each set. Below are contacts and email addresses.

For subscriptions to the databases listed below, please contact your WRDS Representative.

<table>
<thead>
<tr>
<th>Vendor</th>
<th>Support Phone Number</th>
<th>E-mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board Analyst</td>
<td>(703) 312-0990</td>
<td><a href="mailto:sgabler@thecorporatelibrary.com">sgabler@thecorporatelibrary.com</a></td>
</tr>
<tr>
<td>Bureau van Dijk</td>
<td>(212) 797-3557</td>
<td><a href="mailto:Keith.Erzinger@bvdinfo.com">Keith.Erzinger@bvdinfo.com</a></td>
</tr>
<tr>
<td></td>
<td>(212) 797-3551</td>
<td><a href="mailto:mark.bell@bvdinfo.com">mark.bell@bvdinfo.com</a></td>
</tr>
<tr>
<td>Capital IQ’s Compustat</td>
<td>(800) 525-8640 x4458</td>
<td><a href="mailto:clientsupport@standardandpoors.com">clientsupport@standardandpoors.com</a></td>
</tr>
<tr>
<td>CISDM</td>
<td>(413) 545-1062</td>
<td><a href="mailto:laliberte@research.umass.edu">laliberte@research.umass.edu</a></td>
</tr>
<tr>
<td>comScore</td>
<td>(312) 775-6513</td>
<td><a href="mailto:bschiess@comscore.com">bschiess@comscore.com</a></td>
</tr>
<tr>
<td>CRSP</td>
<td>(773) 834-1025</td>
<td><a href="mailto:subscriptions@crsp.chicagobooth.edu">subscriptions@crsp.chicagobooth.edu</a></td>
</tr>
<tr>
<td>Eventus</td>
<td></td>
<td><a href="mailto:arnie@eventstudy.com">arnie@eventstudy.com</a></td>
</tr>
<tr>
<td>First Call</td>
<td>(800) 347-7822</td>
<td><a href="mailto:Tr.datafeedsglobal@thomsonreuters.com">Tr.datafeedsglobal@thomsonreuters.com</a></td>
</tr>
<tr>
<td>Global.Insight (Includes DRI)</td>
<td>(781) 301-9084</td>
<td><a href="mailto:sarika.pundit@globalinsight.com">sarika.pundit@globalinsight.com</a></td>
</tr>
<tr>
<td>GovPX</td>
<td></td>
<td><a href="mailto:icapinformationservices@icap.com">icapinformationservices@icap.com</a></td>
</tr>
<tr>
<td>GSI Online</td>
<td>(800) 783-0312</td>
<td><a href="mailto:westlawbusiness-info@thomsonreuters.com">westlawbusiness-info@thomsonreuters.com</a></td>
</tr>
<tr>
<td>GTA-CSMAR data</td>
<td>86-755-83948067</td>
<td><a href="mailto:lib@gtadata.com">lib@gtadata.com</a></td>
</tr>
<tr>
<td>I/B/E/S</td>
<td>(800) 347-7822</td>
<td><a href="mailto:Tr.datafeedsglobal@thomsonreuters.com">Tr.datafeedsglobal@thomsonreuters.com</a></td>
</tr>
<tr>
<td>IRI</td>
<td></td>
<td><a href="mailto:wrds-support@wharton.upenn.edu">wrds-support@wharton.upenn.edu</a></td>
</tr>
<tr>
<td>ISSM</td>
<td>(860) 242-2099</td>
<td><a href="mailto:rawood@pobox.com">rawood@pobox.com</a></td>
</tr>
</tbody>
</table>
2.2 WRDS Representative

Name: Khondkar Karim
Email: khondkar_karim@uml.edu
Tel: 978.934.2831

These are the responsibilities of your WRDS Representative:

1) Serve as a liaison between the WRDS staff and the faculty at the university. Any notices regarding system upgrades, the addition of new vendors, scheduled maintenance, etc. will be sent to you. Then, simply forward this information to the faculty and staff.

2) Monitor account requests by verifying that a requestor is indeed standing faculty, a Ph.D. student, or an authorized researcher/administrator at the university. Whenever a user from your institution submits an account request, we will send you an email notification. Simply go to the URL indicated in the message and follow the instructions to approve the request. After we receive your approval, we will create the account and send the user an e-mail message with a special URL and instructions for setting the account password and logging into WRDS.

3) Disable accounts after Users leave your institution. Extend expiration dates on Ph.D., RA and Visitor accounts when necessary.

4) Notify department heads/chairs regarding WRDS administrative changes (i.e.: modification of WRDS fee structure, procedures, etc.).
2.3 WRDS Administration

For information concerning your subscription, details on upgrading your package, or the status on negotiations with future data providers, please send an e-mail to: wrds@wharton.upenn.edu or contact us at 215-898-9065.

Additional Help

3.1 Technical and Research Support

Our staff of technical and research specialists may be reached via our WRDS support page. They are available to assist you with difficulties pertaining to database access, data queries, and programming in SAS or C. If you request support related to a particular program which you are unable to execute successfully, please copy the program into the body of your e-mail message for a quicker response. This is helpful for detecting any errors in your program.

3.2 Electronic Resources

Additional resources are available from any WRDS web page by clicking on the “support” tab located at the top of your screen. You will find several listings:

- **WRDS FAQ** (Frequently Asked Questions): This resource contains the most detailed information on using our service including a system overview, data content and access, and extensive help on using SAS and FORTRAN programs to extract data.

- **SAS FAQ**: Compiled by one of our technical specialists, this is an excellent resource for users just getting started with SAS.

- **Online Manuals**: All electronic manuals published by our vendor providers (i.e. CRSP) are available under this link. If you do not see a particular manual you are interested in, please contact the vendor directly (see Vendor Contact information, Section 2.1) for a copy.

- **Downloads**: TCP script for connecting to WRDS via SAS/CONNECT.

- **Restore Request**: Electronic form to be submitted in the event output is lost (see Section 3.4)

- You may view the enhanced Support page, Tools, and On-Demand E-Learning videos through the available tabs on the website.

3.3 Changing Your Password

You may change your WRDS password by SSH or web access.

By SSH:

**Step 1:**

- SSH to wrds.wharton.upenn.edu

- At the system prompt, enter the following: passwd
Step 2:
- You will be prompted for your old password. Type in your current password and then press the Enter key.

Step 3:
- You will be asked for the new password. Type in a new password. Your password should be at least 6 characters long. On Unix systems passwords are case sensitive: lower-case and uppercase letters are different. To avoid problems, it’s a good idea to use only lower-case letters and numbers. The password does not appear on the screen when you type it.

Step 4:
- To ensure you typed your new password correctly, you are asked to enter it again. Type in your new password again. If you typed the same password both times, the system returns to the system prompt. From now on, use this password to log on to this system. If you make a mistake typing your password, you’ll receive an error message, and the system will not change your password. If this happens, repeat Steps 2 through 4.

By WEB:
Go to our Password Problems page and follow the instructions.

3.4 Lost Password
Go to our Password Problems page and follow the instructions.

If you have any further questions, please contact us via our WRDS support page.

3.5 Lost Output
In this event, please submit a Restore Request, available under the Support tab. Please allow one business day for processing.

4. WRDS@WHARTON
Our staff of technical and research specialists may be reached via our WRDS support page.

They are available to assist you with difficulties pertaining to database access, data queries, and programming in SAS, FORTRAN, or C. If you request support related to a particular program, which you are unable to execute successfully, please copy the program into the body of your e-mail for a quicker response. This is helpful for detecting any errors in your program.

We hope you enjoy your new WRDS accounts. We are confident that you will find the ease of access, abundance of data, and unique system features such as downloading your information to an MS Excel spreadsheet, Advanced Query capabilities, and e-mail notification feature a significant benefit to your research and teaching endeavors.