

CRSP/ZIMAN REAL ESTATE DATA SERIES RELEASE NOTES

JULY 2013 MONTHLY UPDATE

FILE VERSION SPECIFICS

- The CRSP/Ziman Real Estate Data Series contains data through July 2013.
- The data series contains 571 securities of which 196 are currently trading. The date range is from 19800102-20130731.
- There is one DVD included with this release that may be installed on three platforms: Windows, Linux and Sun. ASCII and SAS versions of the data series are available for all three platforms, and in addition, a Microsoft Access database is available for Windows.
- Installation is done with InstallAnywhere[®]. Because files are compressed, in order to access them, they must first be installed on your computer.

RESEARCH AND PROGRAMMING NOTES

Prices and indexes in this product begin in January of 1980. This is true even when the Ziman REIT Info table states that the REIT was in existence prior to 1980.

The base year for the CRSP/Ziman Indexes is 12/30/1994, at which point they are set to a value of 100. This differs from CRSP Market Indexes which are set to 100 on 12/29/1972.

Due to some inconsistent trading early in the time series, a few additional rules were implemented to improve the continuity of the portfolios used to calculate the indexes. Please refer to Chapter 2 of the CRSP/Ziman Real Estate Data Series Guide for an explanation of universe and price selection criteria.

HEADS UP! NEW DELIVERY METHOD AND INSTALLS ON THE HORIZON!

DELIVERY

CRSP is pleased offer data delivery via the “Cloud”. By utilizing IPSwitch’s MOVEit Cloud product (<http://www.ipswitchft.com/Products/MOVEit/Cloud.aspx>), you will be able to effortlessly download data products either on demand, or with scheduled processes.

We plan to have the CRSP/Ziman REIT databases available in time for your next data shipment. We understand that transition can require time and coordination, so we will initially offer this delivery option on an ‘opt-in’ basis. Should you wish to download the data, please contact our billing department at billing@crsp.chicagobooth.edu and provide us with the name, email address and telephone number of the contact person authorized to receive notification of and access to downloads.

NEW ZIP INSTALLS:

CRSP has changed the REITs installation to use a zip process. This transition is part of a migration process under which all of the CRSP subscriber products will move to ZIP.

ZIP utilities that are standard on all platforms should work to unzip the databases. On Windows computers, CRSP recommends using 7-ZIP, which can be downloaded from this site: <http://www.7-zip.org/>

ZIP FILE STRUCTURE AND PROCESS:

Three separate zip files on the install disk each need to be unzipped separately. Unzip the files into the root or home or your target directory. For example, c:\ in Windows; /home for Linux and Solaris. The unzip process will create the \crspdata subdirectory.

Note that the destination directories have also changed as part of this process:

ZIP FILE ON DISK	DESCRIPTION	INSTALL PATH
razyyyymm_ascii	ASCII files	\crspdata\razyyyymm_ascii
razyyyymm_msaccess	MS Access tables	\crspdata\razyyyymm_msaccess
razyyyymm_sas	SAS files	\crspdata\razyyyymm_sas

Contact CRSP Client Services for assistance at support@crsp.chicagobooth.edu or call 312-263-6400, Option 2.

201307 REIT SUMMARY**CRSP ADDS, DELISTS AND CHANGES****ADDS**

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
14036	PHYSICIANS REALTY TRUST	DOC	71943U10	20130719	20130731
14034	OWENS REALTY MORTGAGE INC	ORM	69082810	20130701	20130731
14037	REXFORD INDEL REALTY INC	REXR	76169C10	20130719	20130731
14039	SPIRIT REALTY CAPITAL INC	SRC	84860W10	20130718	20130731

DELISTS

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
13580	SPIRIT REALTY CAPITAL INC	SRC	84860F10	20120921	20130717

CRSP DATABASE CHANGES:

PERMNO 13003 (AMERICAN REALTY CAPITAL PROP INC) had a shares outstanding change to 184300 from 154610 for 20130531 -20130628

PERMNO 13500 (AMREIT INC NEW) had a shares outstanding change to 16170 from 4512 for 20130531 -20130628

PERMNO 49744 (POTLATCH CORP NEW) had a shares outstanding change to 40528 from 40490 for 20130531 -20130628

SYSTEM REQUIREMENTS

- SAS version 8 or higher, Microsoft Access, or an analytical tool of your choice
- A CD-ROM drive
- Sufficient disk space to load and manipulate the data series.*

DATA SERIES FORMAT	MONTHLY DATA SERIES	DAILY/MONTHLY DATA SERIES
ASCII	10.5 MB	224 MB
Microsoft Access	10.3 MB	192 MB
SAS V 9.1	12.1 MB	238 MB

*Additional disk space will be needed for data manipulation.

FILE NAME SPECIFICATIONS AND INSTALLATION

ASCII

All files contain variable-width records, ending with line-feeds, with pipe-delimited “|” fields. There are no header records. See Table Definitions in Chapter 3 for field order in each file.

FILE NAME	DESCRIPTION
crsp_daily_data.txt*	daily REIT security data
crsp_header.txt	security REIT header data
crsp_monthly_data.txt	monthly REIT security data
crsp_names.txt	security name history of REITS
crsp_ziman_daily_index.txt*	daily index results
crsp_ziman_monthly_index.txt	monthly index results
index_type_map.txt	definitions of REIT indexes and characteristics
price_type.txt	definitions of available price types
Property_type.txt	definitions of available REIT property types
reit_type.txt	definitions of available REIT categories
sub_property_type.txt	definitions of available REIT property subtypes
ziman_reit_info.txt	REIT information

SAS

Column names and labels are embedded in the data sets. The full descriptions for fields can be found in the table definitions section of Chapter 3.

FILE NAME	DESCRIPTION
crsp_daily_data.sas7bdat*	daily REIT security data and index
crsp_daily_data.sas7bndx*	
crsp_header.sas7bdat	security REIT header data and index
crsp_header.sas7bndx	
crsp_monthly_data.sas7bdat	monthly REIT security data and index
crsp_monthly_data.sas7bndx	
crsp_names.sas7bdat	security name history of REITS and index
crsp_names.sas7bndx	

FILE NAME	DESCRIPTION
crsp_ziman_daily_index.sas7bdat*	daily index results and index
crsp_ziman_daily_index.sas7bndx*	
crsp_ziman_monthly_index.sas7bdat	monthly index results and index
crsp_ziman_monthly_index.sas7bndx	
index_type_map.sas7bdat	definitions of REIT indexes and characteristics
price_type.sas7bdat	definitions of available price types
Property_type.sas7bdat	definitions of available REIT property types
reit_type.sas7bdat	definitions of available REIT categories
sub_property_type.sas7bdat	definitions of available REIT property subtypes
ziman_reit_info.sas7bdat	REIT information and index
ziman_reit_info.sas7bndx	

MSACCESS

A Microsoft Access database is provided named `reit_db.mdb` containing all data tables. The database is in Access 2000 file format. The design view menu within Access can be used to view available fields, data types, and descriptions.

DATA INSTALLATION

1. Instructions and screen shots for installation are written for Windows. Differences related to Linux and Sun are noted where applicable.

WINDOWS:

To install data, insert your CD into the drive and from the Start Menu, select Run `d:\setupwin32.exe`. Click **OK** to proceed.

LINUX:

Upon insertion of the CD, a file manager will open with the file, `SETUPLINUX.BIN`. Double click on this setup file and run in a terminal to begin the installation process.

SUN:

Upon insertion of the CD, a file manager will open with the file, `SETUPSOLARIS.BIN`. Double click on this file to begin the installation process.

2. After clicking on **Next** on the Welcome screen, scroll through and read the CRSP Data and Utilities Agreement. Click to accept the terms and select **Next**.

3. **WINDOWS:**

The default directory for the data installation is `c:\crspdata\RAZyyyymm` for daily/monthly and `c:\crspdata\RMZyyyymm` for monthly only. You may accept or modify the location. Click **Next**.

LINUX AND SUN:

The default directory for the data installation is `/crspdata/RA (or M) Zyyyymm`. You must create a root directory, for example, `/home/username/crspdata/RA (or M) Zyyyymm`.

4. WINDOWS:

You have the choice of either a typical or custom installation. The typical installation will install *all* data formats (ASCII, Microsoft Access, and SAS).

LINUX AND SUN:

ASCII and SAS data files are available for installation on Linux and Sun.

5. Selecting the Custom option will allow you to pick and choose the file types that you wish to install to your computer. Once you have checked the files you wish to install, click **Next**.
6. Once files are selected for installation, a confirmation screen with summary information is displayed, including location, data components and the amount of space that is required for the data. You may select the **Back** button if changes are needed, or **Install** to proceed.
7. A message indicating the success of the installation appears when the process is complete. Click **Finish**.