

CRSP/ZIMAN REAL ESTATE DATA SERIES RELEASE NOTES

DECEMBER 2014 ANNUAL UPDATE

FILE VERSION SPECIFICS

- The CRSP/Ziman Real Estate Data Series contains data through December 2014, shipped in January.
- The data series contains 599 securities of which 217 are currently trading. The date range is from 19800102-20141231.
- 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. The Zip files available for download include a version for each different set of files, found in the table in the zip file structure section below.

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.

DELIVERY METHOD, INSTALLS, AND DATA FORMATS

DELIVERY

CRSP data delivery for all products is available through the “Cloud.” By utilizing IPSwitch’s MOVEit Cloud product (<https://crsp.moveitcloud.com>), you can download data products either on demand, or with scheduled processes.

ZIP INSTALLS

CRSP uses a zip process for data installation. 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.7zip.org/>

Several important items to note:

- All directories are extracted to lower case letters. For example: C:\crspdata\raz201308

- All Windows Users: Extracting a zipped file does not create an installed program in Windows. It will not show in the Windows Control Panel. When uninstalling the data, just delete the directories that contain the detailed files

Red Hat Linux Users: If your version of Red Hat is earlier than 6.0, you will need to install an updated version of the “File Roller” program in order to install the data.

ZIP FILE STRUCTURE AND PROCESS:

Three separate zip files 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.

ATTENTION CRSPSIFT USERS!

On August 7, 2014, Sift version 4.2 expired.

New versions of Sift Professional and Enterprise are now available to all CRSP subscribers for downloading and can be found on our MOVEit site, <https://crsp.moveitcloud.com> in the Utilities_Download folder.

Sift Professional 4.3.6 is supported on Windows 7 and Windows 8 computers. Sift Enterprise supports Servers 2008 R2 and 2012 R2. See details in the Sift Release Notes on our website at http://www.crsp.chicagobooth.edu/files/images/release_notes/crpsift_rn_v436.pdf

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

201412 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES:

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
HISTORICAL CHANGES					
13580	SPIRIT REALTY CAPITAL INC	SRC	84860F10	9/20/2012	7/17/2013

CRSP DATABASE CHANGES:

PERMNO	COMPANY NAME	DESCRIPTION
13700	WHEELER REAL ESTATE INV TR INC	Had a shares outstanding change to 7445 from 7440 for 20141112-present.
13752	CYRUSONE INC	Had a shares outstanding change to 38653 from 38654 for 20141031-present.
14252	GAMING & LEISURE PROPERTIES INC	Had a shares outstanding change to 112447 from 112432 for 20141104-present.
14651	CARETRUST REIT INC	Had a shares outstanding change to 22436 from 22262 for 20141029-present.
83879	LAMAR ADVERTISING CO NEW	Had a shares outstanding change to 80820 from 80813 for 20141031-present.
89823	GLADSTONE COMMERCIAL CORP	Had a shares outstanding change to 18928 from 17908 for 20141029-present.
90214	NEW YORK MORTGAGE TRUST INC	Had a shares outstanding change to 105095 from 90685 for 20141126-present.
90498	TRADE STREET RESIDENTIAL INC	Had a shares outstanding change to 36698 from 36723 for 20141103-present.
90506	SOTHERLY HOTELS INC	Had a shares outstanding change to 10571 from 10371 for 20141104-present.
92343	RETAIL OPPORTUNITY INVST CORP	Had a shares outstanding change to 92972 from 91746 for 20141029-present.
92680	AMERICAN CAPITAL AGENCY CORP	Had a shares outstanding change to 352789 from 352800 for 20141031-present.

201411 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES:

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
14974	NEW SENIOR INVESTMENT GROUP INC	SNR	64869110	11/7/2014	11/28/2014
83879	LAMAR ADVERTISING CO NEW	LAMR	51281610	11/19/2014	11/28/2014
15052	STORE CAPITAL CORP	STOR	86212110	11/18/2014	11/28/2014
15048	PARAMOUNT GROUP INC	PGRE	69924R10	11/19/2014	11/28/2014
15044	MONOGRAM RESIDENTIAL TRUST INC	MORE	60979P10	11/21/2014	11/28/2014

CRSP DATABASE CHANGES:

PERMNO	COMPANY NAME	DESCRIPTION
13752	CYRUSONE INC	HAD A SHARES OUTSTANDING CHANGE TO 38654 FROM 38661 FOR 20140930-PRESENT.
13756	GLADSTONE LAND CORP	HAD A SHARES OUTSTANDING CHANGE TO 7754 FROM 7860 FOR 20141027-PRESENT.
14252	GAMING & LEISURE PROPERTIES INC	HAD A SHARES OUTSTANDING CHANGE TO 112432 FROM 112432 FOR 20140930-PRESENT.
14709	UNITED DEVELOPMENT FUNDING IV	HAD A SHARES OUTSTANDING CHANGE TO 30617 FROM 30614 FOR 20140930-20141109.
81087	SUPERTEL HOSPITALITY INC MD	HAD A SHARES OUTSTANDING CHANGE TO 4693 FROM 4690 FOR 20141027-PRESENT.

PERMNO	COMPANY NAME	DESCRIPTION
90092	SABRA HEALTHCARE REIT INC	HAD A SHARES OUTSTANDING CHANGE TO 47628 FROM 47263 FOR 20140930-20141002.
90506	SOTHERLY HOTELS INC	HAD A SHARES OUTSTANDING CHANGE TO 10371 FROM 10354 FOR 20140930-PRESENT.
92680	AMERICAN CAPITAL AGENCY CORP	HAD A SHARES OUTSTANDING CHANGE TO 352800 FROM 352789 FOR 20140930-PRESENT.

201410 REIT SUMMARY

CRSP DATABASE CHANGES:

PERMNO	COMPANY NAME	DESCRIPTION
13756	GLADSTONE LAND CORP	Had a shares outstanding change to 7680 from 6530 for 20140930.
13775	ORCHID ISLAND CAPITAL INC	Had a shares outstanding change to 13077 from 9748 for 20140930.
14651	CARETRUST REIT INC	Had a shares outstanding change to 22262 from 22436 for 20140930.
49744	POTLATCH CORP NEW	Had a shares outstanding change to 40596 from 40591 for 20140930.
89823	GLADSTONE COMMERCIAL CORP	Had a shares outstanding change to 17908 from 17716 for 20140930.
92343	RETAIL OPPORTUNITY INVST CORP	Had a shares outstanding change to 91746 from 91090 for 20140930.

201409 REIT SUMMARY

CRSP DATABASE CHANGES:

PERMNO	COMPANY NAME	DESCRIPTION
13003	AMERICAN REALTY CAPITAL PROP INC	Had a shares outstanding change to 907924 from 907920 for 20140731-20140829
13700	WHEELER REAL ESTATE INV TR INC	Had a shares outstanding change to 7428 from 7422 for 20140829
13752	CYRUSONE INC	Had a shares outstanding change to 38661 from 38658 for 20140829
14252	GAMING & LEISURE PROPERTIES INC	Had a shares outstanding change to 112338 from 112274 for 20140731-20140829
90498	TRADE STREET RESIDENTIAL INC	Had a shares outstanding change to 36723 from 36739 for 20140829
92680	AMERICAN CAPITAL AGENCY CORP	Had a shares outstanding change to 352789 from 352800 for 20140731-20140829

201408 REIT SUMMARY

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
91801	COREENERGY INFRASTRUCTURE TR INC	CORR	21870U20	1/2/2013	8/29/2014
86339	CROWN CASTLE INTERNATIONAL CORP	CCI	22822710	1/2/2014	8/29/2014

INDICES DIFFS:

(any change over 5% for 1000800 and 1000850, except new adds and drops, or any suspicious change in returns, usdval or usdcnt for any indno)

DAILY AND MONTHLY:

INDNO(S)	DESCRIPTION
1000850 & 1000800	Had a 535.21% change in addvals for 20140103 due to the share code change of PERMNO 86339 (CROWN CASTLE INTERNATIONAL CORP had a Share code changed from 11 to 18 from 20140102-20140731.
1000850 & 1000800	Had a 8.21% change in addvals for 20130103 due to the share code change of PERMNO 91801 (COREENERGY INFRASTRUCTURE TR INC. Share code changed from 11 to 18 from 20130102 - 20140731
1000850 & 1000850	Had a 770.55% change in addvals for 20140228 and 6.20% on 20130228 due to the share code change of PERMNO 86339 (CROWN CASTLE INTERNATIONAL CORP. Share code changed from 11 to 18 from 20140102-20140731.
1000804 & 1000854	Had a 14.29 – 7.69% change in usdcnts from 20140331-20140131 due to the share code change of PERMNO 86339 (CROWN CASTLE INTERNATIONAL CORP. Share code changed from 11 to 18 from 20140102-20140731.
1000850 & 100800	Had a 100% change in addcnts on 20140228 due to the share code change of PERMNO 86339 (CROWN CASTLE INTERNATIONAL CORP. Share code changed from 11 to 18 from 20140102-20140731.
1000850 & 100800	Had a 100% change in addcnts on 20140103 due to the share code change Of PERMNO 91801 (COREENERGY INFRASTRUCTURE TR INC. Share code changed from 11 to 18 from 20130102 - 20140731
1000854 & 1000804	Had a 34.12% - 30.71% change in usdvals for 20140328 – 20140728 due to the share code change of PERMNO 86339 (CROWN CASTLE INTERNATIONAL CORP. Share code changed from 11 to 18 from 20140102-20140731.

CRSP DATABASE CHANGES:

PERMNO	COMPANY NAME	DESCRIPTION
13700	WHEELER REAL ESTATE INV TR INC	Had a shares outstanding change to 7422 from 7216 for 20140630-20140731
13752	CYRUSONE INC	Had a shares outstanding change to 38658 from 38662 for 20140630-20140731
14252	GAMING & LEISURE PROPERTIES INC	Had a shares outstanding change to 112274 from 112132 for 20140630-20140731
14598	AMERICAN REALTY CAP HLTHCR TR IN	Had a shares outstanding change to 169316 from 169302 for 20140630-20140731
14651	CARETRUST REIT INC	Had a shares outstanding change to 22246 from 22168 for 20140630-20140731
80014	C I M COMMERCIAL TRUST CORP	Had a shares outstanding change to 97582 from 97565 for 20140630-20140731
81087	SUPERTEL HOSPITALITY INC VA	Had a shares outstanding change to 4684 from 4687 for 20140630-20140731
90214	NEW YORK MORTGAGE TRUST INC	Had a shares outstanding change to 97582 from 97565 for 20140630-20140731.
90498	TRADE STREET RESIDENTIAL INC	Had a shares outstanding change to 36739 from 36576 for 20140630-20140731
92343	RETAIL OPPORTUNITY INVST CORP	Had a shares outstanding change to 91090 from 90490 for 20140731
92680	AMERICAN CAPITAL AGENCY CORP	Had a shares outstanding change to 352800 from 352789 for 20140630-20140731

201407 REIT SUMMARY

INDICES DIFFS:

(any change over 5% for 1000800 and 1000850, except new adds and drops, or any suspicious change in returns, usdval or usdent for any indno)

DAILY:

Indnos 1000802 & 1000852 had a 9.73% change in USDVALS for 20140630 due to a shares outstanding edit to PERMNO 90388 (NORTHSTAR REALTY FINANCE CORP) to 362641 from 0 for 20140627-20140630.

CRSP DATABASE CHANGES:

PERMNO	COMPANY NAME	DESCRIPTION
13003	AMERICAN REALTY CAPITAL PROP INC	Had a shares outstanding change to 907920 from 907996 on 20140630
81087	SUPERTEL HOSPITALITY INC VA	Had a shares outstanding change to 4687 from 5191 from 20140611 – present
89823	GLADSTONE COMMERCIAL CORP	Had a shares outstanding change to 17716 from 16106 on 20140630
90388	NORTHSTAR REALTY FINANCE CORP	Had a shares outstanding change to 362641 from 0 for 20140627-20140630
92343	RETAIL OPPORTUNITY INVST CORP	Had a shares outstanding change to 90490 from 74883 on 20140630

201406 REIT SUMMARY

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
14651	CARETRUST REIT INC	CTRE	14174T10	6/3/2014	6/30/2014
14709	UNITED DEVELOPMENT FUNDING IV	UDF	91018710	6/4/2014	6/30/2014

INDICES DIFFS:

(any change over 5% for 1000800 and 1000850, except new adds and drops, or any suspicious change in returns, usdval or usdent for any INDNO)

DAILY:

INDNOs 1000804 & 1000854 had 98.93% change in USDVALS for 20011008-20011130 due to a share outstanding change to PERMNO 75592 (PLUM CREEK TIMBER CO INC) to 182624 from 68572 for 20011008-20011129

CRSP DATABASE CHANGES:

PERMNO 13003 (AMERICAN REALTY CAPITAL PROP INC) had a shares outstanding change to 907996 from 769996 for 20140528-present

PERMNO 13752 (CYRUSONE INC) had a shares outstanding change to 22678 from 22679 for 20140501-present

PERMNO 14252 (GAMING & LEISURE PROPERTIES INC) had a shares outstanding change to 112132 from 111772 for 20140507-present

PERMNO 49744 (POTLATCH CORP NEW) had a shares outstanding change to 40591 from 40589 for 20140421-present

PERMNO 64451 (ARCHSTONE SMITH TRUST) had a shares outstanding change to 121842 from 121380 for 20011101-20011230 and to 171639 from 121842 for 20011231-20020130

PERMNO 75592 (PLUM CREEK TIMBER CO INC) had a shares outstanding change to 182624 from 68572 for 20011008-20011129

PERMNO 80014 (C I M COMMERCIAL TRUST CORP) had a shares outstanding change to 97565 from 97665 for 20140505-present

PERMNO 80711 (APARTMENT INVESTMENT & MGMT CO) had a shares outstanding change to 73369 from 71337 for 20010327-20010329

PERMNO 85264 (PAN PACIFIC RETAIL PROPERTIES IN) had a shares outstanding change to 32008 from 21253 for 20001114-20010227 and to 31390 from 21253 for 20010228-20010429

PERMNO 89379 (TRIZEC PROPERTIES INC) had a shares outstanding change to 149850 from 77903 for 20020424-20020730

PERMNO 89823 (GLADSTONE COMMERCIAL CORP) had a shares outstanding change to 16106 from 16081 for 20140428-present

PERMNO 90506 (SOTHERLY HOTELS INC) had a shares outstanding change to 10354 from 10244 for 20140514-present

PERMNO 92343 (RETAIL OPPORTUNITY INVST CORP) had a shares outstanding change to 74883 from 73345 for 20140428-present

PERMNO 92680 (AMERICAN CAPITAL AGENCY CORP) had a shares outstanding change to 352789 from 352800 for 20140430-present

201405 REIT SUMMARY

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
14638	WASHINGTON PRIME GROUP INC	WPG	93964710	5/29/2014	5/30/2014

DATABASE CHANGES

PERMNO 12965 (AMERICAN CAPITAL MTG INVT CORP) had a shares outstanding change to 51254 from 51356 for 20140227-20140330 and to 51142 from 51356 for 20140331-present.

PERMNO 13003 (AMERICAN REALTY CAPITAL PROP INC) had a shares outstanding change to 769932 from 766129 for 20140331-20140423 and to 786447 from 766129 for 20140424-20140506.

PERMNO 13700 (WHEELER REAL ESTATE INV TR INC) had a shares outstanding change to 7216 from 7121 for 20140319-present.

PERMNO 13752 (CYRUSONE INC) had a shares outstanding change to 22692 from 22020 for 20140303-

20140330 and to 22679 from 22020 for 20140331-present.

PERMNO 14252 (GAMING & LEISURE PROPERTIES INC) had a shares outstanding change to 112102 from 112132 for 20140319-20140330 and to 111772 from 112132 for 20140331-present.

PERMNO 14598 (AMERICAN REALTY CAP HLTHCR TR IN) had a shares outstanding change to 182938 from 169302 for 20140421-20140508.

PERMNO 80014 (C I M COMMERCIAL TRUST CORP) had a shares outstanding change to 33133 from 10596 for 20140331-20140410.

PERMNO 81087 (SUPERTEL HOSPITALITY INC VA) had a shares outstanding change to 2901 from 2898 for 20140422-present.

PERMNO 90092 (SABRA HEALTHCARE REIT INC) had a shares outstanding change to 39143 from 38933 for 20140331-20140420 and to 39213 from 38933 for 20140421-20140430.

PERMNO 90498 (TRADE STREET RESIDENTIAL INC) had a shares outstanding change to 36576 from 36581 for 20140331-present.

PERMNO 92343 (RETAIL OPPORTUNITY INVST CORP) had a shares outstanding change to 73587 from 72699 for 20140307-20140330 and to 73345 from 72699 for 20140331-present.

PERMNO 92680 (AMERICAN CAPITAL AGENCY CORP) had a shares outstanding change to 354232 from 356152 for 20140227-20140330 and to 352800 from 356152 for 20140331-present.

201404 REIT SUMMARY

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
14559	CITY OFFICE REIT INC	CIO	17858710	4/15/2014	4/30/2014
14566	FARMLAND PARTNERS INC	FPI	31154R10	4/11/2014	4/30/2014
14575	NEW YORK REIT INC	NYRT	64976L10	4/15/2014	4/30/2014
14598	AMERICAN REALTY CAP HLTHCR TR IN	HCT	02917R10	4/7/2014	4/30/2014
DELISTS					
61938	B R E PROPERTIES INC	BRE	05564E10	8/14/1980	4/1/2014

DATABASE CHANGES

PERMNO 14252 (GAMING & LEISURE PROPERTIES INC) had a shares outstanding change to 112132 from 111461 for 20140317-20140331.

PERMNO 49744 (POTLATCH CORP NEW) had a shares outstanding change to 40589 from 40537 for 20140303-20140331.

PERMNO 50702 (PENNSYLVANIA REAL ESTATE INVST TR) had a shares outstanding change to 34569 from 23481 for 20031128-20031231 and a shares change to 35590 from 23481 for 20040130-20040227.

PERMNO 80014 (CIM COMMERCIAL TRUST CORP) had a shares outstanding change to 10835 from 6449 for 20040301-20040429 and a shares change to 10880 from 10877 for 20050331-20050428 and a shares change to 10550 from 10568 for 20090430-20090528 and a shares change to 10548 from 10550 for 20090630-20090828.

PERMNO 89646 (AMERICA FIRST APT INV INC) had a shares outstanding change to 5074 from 5023 for 20030131-20030228.

PERMNO 89823 (GLADSTONE COMMERCIAL CORP) had a shares outstanding change to 15748 from 15662 for 20140304-20140328 and a shares change to 16081 from 15662 for 20140331.

PERMNO 90092 (SABRA HEALTHCARE REIT INC) had a shares outstanding change to 38933 from 38789 for 20140228-20140331.

PERMNO 90214 (NEW YORK MORTGAGE TRUST INC) had a shares outstanding change to 75707 from 75602 for 20140305-20140331.

PERMNO 90498 (TRADE STREET RESIDENTIAL INC) had a shares outstanding change to 36581 from 36350 for 20140321-20140331.

PERMNO 90506 (SOTHERLY HOTELS INC) had a shares outstanding change to 10244 from 10207 for 20140228-20140331.

PERMNO 78927 (DDR CORP) had a shares outstanding change to 84634 from 66612 for 20030314-20030328.

PERMNO 81660 (RECKSON ASSOCIATES REALTY CORP) had a shares outstanding change to 57939 from 48007 for 20031126.

PERMNO 85264 (PAN PACIFIC RETAIL PROPERTIES IN) had a shares outstanding change to 41400 from 33584 for 20030121-20030130.

201403 REIT SUMMARY

CRSP ADDS, DELISTS AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
14500	BLUEROCK RESIDENTIAL GR REIT INC	BRG	09627J10	3/28/2014	3/31/2014

DATABASE CHANGES

PERMNO 13003 (AMERICAN REALTY CAPITAL PROP INC) had a shares outstanding change to 766129 from 768308 for 20140225-20140228.

PERMNO 13752 (CYRUSONE INC) had a shares outstanding change to 22020 from 21992 for 20140224-20140228.

PERMNO 14252 (GAMING & LEISURE PROPERTIES INC) had a shares outstanding change to 88659 from 89021 for 20140102-20140214 and a shares change to 111461 from 89021 for 20140218-20140228.

PERMNO 89823 (GLADSTONE COMMERCIAL CORP) had a shares outstanding change to 15662 from 14258 for 20131231-20140228.

PERMNO 90092 (SABRA HEALTHCARE REIT INC) had a shares outstanding change to 38789 from 37882 for 20131231-20140228.

PERMNO 90214 (NEW YORK MORTGAGE TRUST INC) had a shares outstanding change to 64102 from 63755 for 20131231-20140106.

PERMNO 92343 (RETAIL OPPORTUNITY INVST CORP) had a shares outstanding change to 72699 from 72446 for 20140220-20140228.

PERMNO 92680 (AMERICAN CAPITAL AGENCY CORP) had a shares outstanding change to 356152 from 356200 for 20140131-20140228.

201402 REIT SUMMARY

CRSP ADDS, DELISTS AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
14415	STARWOOD WAYPOINT RESIDENTIAL TR	SWAY	85571W10	2/3/2014	2/28/2014
DELISTS					
13982	COLE REAL ESTATE INVESTMENTS INC	COLE	19329V10	6/20/2013	2/6/2014

INDEXES DIFFS

(any change over 5% for 1000800 and 1000850, except new adds and drops, or any suspicious change in returns, usdval or usdcnt for any indno)

Daily:

- Indnos 1000813 and 1000863 had absolute USDVALS changes over 5% for 20060824-20060831 due to historical shares changes made to permno 64653 (PUBLIC STORAGE)

DATABASE CHANGES

PERMNO 12965 (AMERICAN CAPITAL MTG INVT CORP) had a shares outstanding change to 51356 from 52902 for 20131231 -20140131.

PERMNO 13003 (AMERICAN REALTY CAPITAL PROP INC) had a shares outstanding change to 202344 from 185448 for 20131231-20140102.

PERMNO 49744 (POTLATCH CORP NEW) had a shares outstanding change to 40537 from 40531 for 20131231-20130131.

PERMNO 64653 (PUBLIC STORAGE) had a shares outstanding change to 168253 from 129351 for 20060823-20060830.

PERMNO 65947 (HEALTH CARE REIT INC) had a shares outstanding change to 72706 from 63182 for 20061220-20061228.

PERMNO 77129 (KIMCO REALTY CORP) had a shares outstanding change to 240449 from 239163 for 20060403-20060427.

PERMNO 79654 (COLONIAL PROPERTIES TRUST) had a shares outstanding change to 39271 from 27993 for 20050404-20050428.

PERMNO 79770 (LEXINGTON REALTY TRUST) had a shares outstanding change to 68773 from 53273 for 20070103-20070329.

PERMNO 89823 (GLADSTONE COMMERCIAL CORP) had a shares outstanding change to 15662 from 11084 for 20130215-20130215.

PERMNO 92343 (RETAIL OPPORTUNITY INVST CORP) had a shares outstanding change to 72446 from 72063 for 20131231-20140131.

PERMNO 92680 (AMERICAN CAPITAL AGENCY CORP) had a shares outstanding change to 363588 from 384313 for 20131209-20140108 and to 356200 from 384313 for 20140109-20140131.

201401 REIT SUMMARY

CRSP ADDS, DELISTS AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
14252	GAMING & LEISURE PROPERTIES INC	GLPI	36467J10	1/2/2014	1/31/2014
HISTORICAL CHANGES					
80774	GEO GROUP INC	GEO	36159R10	1/2/2013	1/31/2014
91373	VESTIN REALTY MORTGAGE I INC	VRTA	92549010	6/1/2006	12/30/2011
91285	VESTIN REALTY MORTGAGE II INC	VRTB	92549X20	5/1/2006	12/30/2011

INDEXES DIFFS

(any change over 5% for 1000800 and 1000850, except new adds and drops, or any suspicious change in returns, usdval or usdcnt for any indno)

Daily:

- INDNOs 1000804 and 1000854 absolute USDCNTS changes over 5% for 20130103-20131231 due to the addition of of PERMNO 80774 (GEO GROUP INC)for 20130102-present
- INDNOs 1000802 and 1000852 had absolute USDCNTS changes over 5% for 20120104-20131231 due to the removal of PERMNOs 91373 (VESTIN REALTY MORTGAGE I INC) & 91285 (VESTIN REALTY MORTGAGE II INC) for 20120103-present

Monthly:

- INDNO 1000852 had absolute ARETURNS and TRETURNS changes over 5% on 20130531 due to the addition of PERMNO 80774 (GEO GROUP INC)for 20130102-present and the removal of PERMNOs 91373 (VESTIN REALTY MORTGAGE I INC) & 91285 (VESTIN REALTY MORTGAGE II INC) for 20120103-present

SYSTEM REQUIREMENTS

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

DATA SERIES FORMAT	MONTHLY DATA SERIES	DAILY/MONTHLY DATA SERIES
ASCII	11.1 MB	235 MB
Microsoft Access	10.8 MB	202 MB
SAS V 9.1	12.6 MB	251 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	
crsp_ziman_daily_index.sas7bdat*	daily index results and index
crsp_ziman_daily_index.sas7bndx*	

FILE NAME	DESCRIPTION
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.