CRSP ZIMAN/REAL ESTATE DATA SERIES RELEASE NOTES

DECEMBER 2024 QUARTERLY UPDATE

FILE VERSION SPECIFICS

- The CRSP/Ziman Real Estate Data Series contains data through December 2024, available in January 2025.
- The data series contains 687 securities of which 198 are currently trading. The date range is from 19800102-20241231.
- This release may be installed on Windows and Linux. ASCII, SAS and R versions of the data series are available for all three platforms. 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 <u>CRSP/Ziman Real Estate Data Series</u> Guide for an explanation of universe and price selection criteria.

202412 REIT SUMMARY

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
79782	REGENCY CENTERS CORP	SHARES OUTSTANDING CHANGE FROM 181503 TO 181505 FOR 20241030-PRESENT
86996	S B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 107506 TO 107523 FOR 20241023-PRESENT

202411 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
25804	MACKENZIE REALTY CAPITAL INC	MKZR	55453W10	20241111	20241129

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13700	WHEELER REAL ESTATE INV TR INC	SHARES OUTSTANDING CHANGE FROM 1874 TO 653 FOR 20240930–20241007 AND FROM 990 TO 1294 FOR 20241105–PRESENT
15279	UNITI GROUP INC	SHARES OUTSTANDING CHANGE FROM 244151 TO 237488 FOR 20240930–20241030 AND FROM 237488 TO 244115 FOR 20241031–PRESENT
15912	GLOBAL SELF STORAGE INC	SHARES OUTSTANDING CHANGE FROM 11267 TO 11265 FOR 20241031-PRESENT

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PERMNO	COMPANY NAME	DESCRIPTION
18259	MEDALIST DIVERSIFIED REIT INC	SHARES OUTSTANDING CHANGE FROM 1118 TO 2237 FOR 20240628–20240702, FROM 2237 TO 1119 FOR 20240703–20240929, AND FROM 1119 TO 1115 FOR 20240930–PRESENT
19858	PRESIDIO PROPERTY TRUST INC	SHARES OUTSTANDING CHANGE FROM 14532 TO 12370 FOR 20240930-PRESENT
22595	CHICAGO ATLANTIC REAL ES FIN INC	SHARES OUTSTANDING CHANGE FROM 19624 TO 19634 FOR 20240930-PRESENT
46703	HOST HOTELS & RESORTS INC	SHARES OUTSTANDING CHANGE FROM 702440 TO 699000 FOR 20240930–20241107 AND FROM 699000 TO 699029 FOR 20241108–PRESENT
49744	POTLATCHDELTIC CORP	SHARES OUTSTANDING CHANGE FROM 78913 TO 78862 FOR 20240930–20241030 AND FROM 78862 TO 78763 FOR 20241031–PRESENT
79782	REGENCY CENTERS CORP	SHARES OUTSTANDING CHANGE FROM 181497 TO 181503 FOR 20240930-PRESENT
80014	CREATIVE MEDIA & COM TR CORP	SHARES OUTSTANDING CHANGE FROM 85102 TO 83447 FOR 20240930–20241007, FROM 83447 TO 86911 FOR 20241008–20241031, AND FROM 86911 TO 86690 FOR 20241101–PRESENT
81917	SERVICE PROPERTIES TRUST	SHARES OUTSTANDING CHANGE FROM 165889 TO 166648 FOR 20240930-PRESENT
83879	LAMAR ADVERTISING CO NEW	SHARES OUTSTANDING CHANGE FROM 87882 TO 87938 FOR 20240930-PRESENT
86996	S B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 107472 TO 107506 FOR 20240930-PRESENT
87289	DIVERSIFIED HEALTHCARE TRUST	SHARES OUTSTANDING CHANGE FROM 240575 TO 241281 FOR 20240930–20241031 AND FROM 241281 TO 240575 FOR 20241101–PRESENT
89823	GLADSTONE COMMERCIAL CORP	SHARES OUTSTANDING CHANGE FROM 42533 TO 43728 FOR 20240930–20241103 AND FROM 43728 TO 43919 FOR 20241104–PRESENT
92680	A G N C INVESTMENT CORP	SHARES OUTSTANDING CHANGE FROM 824310 TO 844200 FOR 20240930–20241028, FROM 844200 TO 878999 FOR 20241029–20241030, AND FROM 878999 TO 885640 FOR 20241031–PRESENT
92948	OFFICE PROPERTIES INCOME TRUST	SHARES OUTSTANDING CHANGE FROM 50248 TO 53345 FOR 20240916–20240929, FROM 53345 TO 53911 FOR 20240930–20241028, AND FROM 53911 TO 55781 FOR 20241029–PRESENT
92966	SEVEN HILLS REALTY TRUST	SHARES OUTSTANDING CHANGE FROM 14906 TO 14903 FOR 20241024-PRESENT

202410 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
25437	CURBLINE PROPERTIES CORP	CURB	23128Q10	20241001	20241031
25682	FRONTVIEW REIT INC	FVR	35922N10	20241002	20241031

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
14252	GAMING & LEISURE PROPERTIES IN	SHARES OUTSTANDING CHANGE FROM 274391 TO 274392 FOR 20240930-PRESENT
17222	INDUSTRIAL LOGISTICS PPTYS TR	SHARES OUTSTANDING CHANGE FROM 65983 TO 66144 FOR 20240930–PRESENT
89617	EQUINIX INC	SHARES OUTSTANDING CHANGE FROM 94945 TO 96488 FOR 20240930-PRESENT
90092	SABRA HEALTHCARE REIT INC	SHARES OUTSTANDING CHANGE FROM 234264 TO 236587 FOR 20240930–PRESENT
92343	RETAIL OPPORTUNITY INVST CORP	SHARES OUTSTANDING CHANGE FROM 127454 TO 128649 FOR 20240930–PRESENT
92966	SEVEN HILLS REALTY TRUST	SHARES OUTSTANDING CHANGE FROM 14829 TO 14906 FOR 20240930-PRESENT

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: https://www.7-zip.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:

Four individual 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. The unzip process will created 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_SAS	SAS FILES	\CRSPDATA\RAZYYYYMM_SAS
RAZYYYYMM_R	R FILES	\CRSPDATA\RAZYYYYMM_R

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

SYSTEM REQUIREMENTS

- SAS, ASCII, R, 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	12.2 MB	262 MB
SAS	13.8 MB	283 MB
R FILES	N/A	38.1 MB

*Additional disk space will be needed for data manipulation.

File name specifications and installation information can now be found in the CRSP/Ziman Real Estate Data Series Guide.