

CRSP ZIMAN/REAL ESTATE DATA SERIES RELEASE NOTES

DECEMBER 2023 QUARTERLY UPDATE

FILE VERSION SPECIFICS

- The CRSP/Ziman Real Estate Data Series contains data through December 2023, available in January 2024.
- The data series contains 679 securities of which 194 are currently trading. The date range is from 19800102-20231229.
- 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 [CRSP/Ziman Real Estate Data Series](#) Guide for an explanation of universe and price selection criteria.

202312 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
DELISTS					
13401	WESTERN ASSET MORTGAGE CAP COR	WMC	95790D20	20120510	20231205
85653	ARLINGTON ASSET INVESTMENT CORP	AAIC	04135620	19971223	20231213
91801	COREENERGY INFRASTRUCTURE TR INC	CORR	21870U50	20070202	20231201

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
19858	PRESIDIO PROPERTY TRUST INC	SHARES OUTSTANDING CHANGE FROM 11860 TO 13130 FOR 20231113 – PRESENT
46703	HOST HOTELS & RESORTS INC	SHARES OUTSTANDING CHANGE FROM 705400 TO 705437 FOR 20231101 – PRESENT
86996	S B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 108120 TO 107887 FOR 20231025 – PRESENT

202311 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
24298	NET LEASE OFFICE PROPERTIES	NLOP	64110Y10	20231102	20231130
DELISTS					
86563	HERSHA HOSPITALITY TRUST	HT	42782550	19990121	20231127

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
15279	UNITI GROUP INC	SHARES OUTSTANDING CHANGE FROM 236540 TO 238672 FOR 20231031 – PRESENT
49744	POTLATCHDELTIC CORP	SHARES OUTSTANDING CHANGE FROM 79628 TO 79364 FOR 20231031 – PRESENT
87289	DIVERSIFIED HEALTHCARE TRUST	SHARES OUTSTANDING CHANGE FROM 240458 TO 240450 FOR 20231031 – PRESENT
90214	NEW YORK MORTGAGE TRUST INC	SHARES OUTSTANDING CHANGE FROM 90684 TO 90683 FOR 20231031 – PRESENT
92680	A G N C INVESTMENT CORP	SHARES OUTSTANDING CHANGE FROM 648000 TO 671106 FOR 20231031 – PRESENT

202310 REIT SUMMARY

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
14252	GAMING & LEISURE PROPERTIES	SHARES OUTSTANDING CHANGE FROM 262640 TO 267016 FOR 20230929 – PRESENT
17222	INDUSTRIAL LOGISTICS PPTYS T	SHARES OUTSTANDING CHANGE FROM 65697 TO 65945 FOR 20230929 – PRESENT
89617	EQUINIX INC	SHARES OUTSTANDING CHANGE FROM 93565 TO 93883 FOR 20230929 – PRESENT
92343	RETAIL OPPORTUNITY INVST COR	SHARES OUTSTANDING CHANGE FROM 126004 TO 126002 FOR 20230929 – PRESENT
92680	A G N C INVESTMENT CORP	SHARES OUTSTANDING CHANGE FROM 606077 TO 640172 FOR 20230929 – PRESENT
92948	OFFICE PROPERTIES INCOME TRU	SHARES OUTSTANDING CHANGE FROM 48587 TO 48757 FOR 20230929 – PRESENT
92966	SEVEN HILLS REALTY TRUST	SHARES OUTSTANDING CHANGE FROM 14745 TO 14816 FOR 20230929 – 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 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_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	11.9 MB	255 MB
SAS	13.4 MB	275 MB
R FILES	N/A	37 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.](#)