

CRSP ZIMAN/REAL ESTATE DATA SERIES RELEASE NOTES

APRIL 2022 MONTHLY UPDATE

FILE VERSION SPECIFICS

- The CRSP/Ziman Real Estate Data Series contains data through April 2022, available in May 2022.
- The data series contains 674 securities of which 212 are currently trading. The date range is from 19800102-20220429.
- 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.

202204 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

| PERMNO | COMPANY NAME | TICKER | CUSIP | START DATE | END DATE |
|----------------|-----------------------------|--------|----------|------------|----------|
| DELISTS | | | | | |
| 16042 | M G M GROWTH PROPERTIES LLC | MGP | 55303A10 | 20160420 | 20220428 |
| 17860 | RETAIL VALUE INC | RVI | 76133Q10 | 20180702 | 20220406 |

CRSP DATABASE CHANGES

| PERMNO | COMPANY NAME | DESCRIPTION |
|--------|--------------------------------|--|
| 13756 | GLADSTONE LAND CORP | SHARES OUTSTANDING CHANGE FROM 34210 TO 34520 FOR 20220325 - PRESENT |
| 15279 | UNITI GROUP INC | SHARES OUTSTANDING CHANGE FROM 236325 TO 236938 FOR 20220325 - PRESENT |
| 15912 | GLOBAL SELF STORAGE INC | SHARES OUTSTANDING CHANGE FROM 10709 TO 10774 FOR 20220315 - PRESENT |
| 17222 | INDUSTRIAL LOGISTICS PPTYS TR | SHARES OUTSTANDING CHANGE FROM 65405 TO 65404 FOR 20220331 - PRESENT |
| 19858 | PRESIDIO PROPERTY TRUST INC | SHARES OUTSTANDING CHANGE FROM 11600 TO 12364 FOR 20220325 - PRESENT |
| 49744 | POTLATCHDELTIC CORP | SHARES OUTSTANDING CHANGE FROM 69084 TO 69372 FOR 20220301 - PRESENT |
| 83879 | LAMAR ADVERTISING CO NEW | SHARES OUTSTANDING CHANGE FROM 86853 TO 87036 FOR 20220321 - PRESENT |
| 87289 | DIVERSIFIED HEALTHCARE TRUST | SHARES OUTSTANDING CHANGE FROM 238995 TO 238990 FOR 20220322 - PRESENT |
| 90506 | SOTHERLY HOTELS INC | SHARES OUTSTANDING CHANGE FROM 17441 TO 17631 FOR 20220304 - PRESENT |
| 92343 | RETAIL OPPORTUNITY INVST CORP | SHARES OUTSTANDING CHANGE FROM 122802 TO 123134 FOR 20220301 - 20220330 AND FROM 122802 TO 123732 FOR 20220331 - PRESENT |
| 92948 | OFFICE PROPERTIES INCOME TRUST | SHARES OUTSTANDING CHANGE FROM 48426 TO 48425 FOR 20220331 - 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: <http://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 | 11.4 MB | 244 MB |
| SAS | 12.9 MB | 264 MB |
| R FILES | N/A | 35.1 MB |

*Additional disk space will be needed for data manipulation.

[File name specifications and installation information can now be found in the guide.](#)