

CRSP ZIMAN/REAL ESTATE DATA SERIES RELEASE NOTES

APRIL 2021 MONTHLY UPDATE

FILE VERSION SPECIFICS

- The CRSP/Ziman Real Estate Data Series contains data through April 2021, available in May 2021.
- The data series contains 665 securities of which 221 are currently trading. The date range is from 19800102-20210430.
- 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.

202104 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

| PERMNO | COMPANY NAME | TICKER | CUSIP | START DATE | END DATE |
|---------------------------|-------------------------|--------|----------|------------|----------|
| HISTORICAL CHANGES | | | | | |
| 15912 | GLOBAL SELF STORAGE INC | SELF | 37955N10 | 20160209 | 20210430 |

CRSP DATABASE CHANGES

| PERMNO | COMPANY NAME | DESCRIPTION |
|--------|---------------------------------|---|
| 13752 | CYRUSONE INC | SHARES OUTSTANDING CHANGE FROM 120461 TO 120685 FOR 20210318-20210330 AND FROM 120685 TO 122536 FOR 20210331-PRESENT. |
| 13756 | GLADSTONE LAND CORP | SHARES OUTSTANDING CHANGE FROM 26743 TO 27493 FOR 20210315-PRESENT. |
| 14252 | GAMING & LEISURE PROPERTIES INC | SHARES OUTSTANDING CHANGE FROM 232781 TO 232782 FOR 20210331-20210404 AND FROM 232782 TO 233070 FOR 20210405-PRESENT. |
| 14279 | EXTENDED STAY AMERICA INC | SHARES OUTSTANDING CHANGE FROM 177561 TO 177731 FOR 20210415-PRESENT. |
| 15279 | UNITI GROUP INC | SHARES OUTSTANDING CHANGE FROM 232897 TO 233502 FOR 20210312-PRESENT. |
| 16936 | TREMONT MORTGAGE TRUST | SHARES OUTSTANDING CHANGE FROM 8303 TO 8306 FOR 20210317-PRESENT. |
| 18259 | MEDALIST DIVERSIFIED REIT INC | SHARES OUTSTANDING CHANGE FROM 4803 TO 7198 FOR 20201231-PRESENT. |
| 49744 | POTLATCHDELTIC CORP | SHARES OUTSTANDING CHANGE FROM 66919 TO 67042 FOR 20210301-PRESENT. |
| 83879 | LAMAR ADVERTISING CO NEW | SHARES OUTSTANDING CHANGE FROM 86492 TO 86671 FOR 20210322-PRESENT. |
| 89617 | EQUINIX INC | SHARES OUTSTANDING CHANGE FROM 89288 TO 89575 FOR 20210331-PRESENT. |

| PERMNO | COMPANY NAME | DESCRIPTION |
|--------|-------------------------------|---|
| 92343 | RETAIL OPPORTUNITY INVST CORP | SHARES OUTSTANDING CHANGE FROM 118124 TO 118516 FOR 20210301-20210330 AND FROM 118516 TO 118578 FOR 20210331-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 | 11.1 MB | 237 MB |
| SAS | 12.5 MB | 256 MB |
| R FILES | N/A | 33.9 MB |

*Additional disk space will be needed for data manipulation.

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