

# CRSP ZIMAN/REAL ESTATE DATA SERIES RELEASE NOTES

DECEMBER 2019 ANNUAL UPDATE

## FILE VERSION SPECIFICS

- The CRSP/Ziman Real Estate Data Series contains data through December 2019, available in January 2020.
- The data series contains 655 securities of which 217 are currently trading. The date range is from 19800102-20191231.
- This release may be installed on Windows and Linux. 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.

## 201912 REIT SUMMARY

### CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
90214	NEW YORK MORTGAGE TRUST INC	HAD A SHARES OUTSTANDING CHANGE FROM 262621 TO 291371 FOR 20191122-PRESENT.

## 201911 REIT SUMMARY

### CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
<b>ADDS</b>					
19037	ALPINE INCOME PROPERTY TRUST INC	PINE	02083X10	11/22/2019	11/29/2019
19033	BROADMARK REALTY CAPITAL INC	BRMK	11135B10	11/15/2019	11/29/2019
<b>DELISTS</b>					
16266	REVEN HOUSING REIT INC	RVEN	76137820	8/30/2016	11/1/2019

### CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13752	CYRUSONE INC	SHARES OUTSTANDING CHANGE FROM 113192 TO 113197 FOR 20190930-20191023 AND FROM 113197 TO 113196 FOR 20191024-PRESENT.
13756	GLADSTONE LAND CORP	SHARES OUTSTANDING CHANGE FROM 20810 TO 20888 FOR 20190930 TO 20191104 AND FROM 20888 TO 20937 FOR 20191105-PRESENT.
14252	GAMING & LEISURE PROPERTIES IN	SHARES OUTSTANDING CHANGE FROM 214683 TO 214693 FOR 20191024-PRESENT.
14279	EXTENDED STAY AMERICA INC	SHARES OUTSTANDING CHANGE FROM 188420 TO 184501 FOR 20190930 TO 20191030 AND FROM 184501 TO 182819 FOR 20191031-PRESENT.

PERMNO	COMPANY NAME	DESCRIPTION
14651	CARETRUST REIT INC	SHARES OUTSTANDING CHANGE FROM 95557 TO 95103 FOR 20190930 TO 20191105 AND FROM 95103 TO 95557 FOR 20191106-PRESENT.
15279	UNITI GROUP INC	SHARES OUTSTANDING CHANGE FROM 193143 TO 192138 FOR 20190930 TO 20191031 AND FROM 192138 TO 193276 FOR 20191101-PRESENT.
16936	TREMONT MORTGAGE TRUST	SHARES OUTSTANDING CHANGE FROM 8192 TO 8240 FOR 20190930-PRESENT.
17222	INDUSTRIAL LOGISTICS PPTYS TR	SHARES OUTSTANDING CHANGE FROM 65088 TO 65182 FOR 20190930 TO 20191027 AND FROM 65182 TO 65181 FOR 20191028-PRESENT.
17952	AMERICAN FINANCE TRUST INC	SHARES OUTSTANDING CHANGE FROM 106246 TO 106678 FOR 20190930 TO 20191031 AND FROM 106678 TO 106762 FOR 20191101-PRESENT.
18259	MEDALIST DIVERSIFIED REIT INC	SHARES OUTSTANDING CHANGE FROM 4486 TO 4500 FOR 20190930-PRESENT.
79129	BROOKFIELD PROPERTY REIT INC	SHARES OUTSTANDING CHANGE FROM 73532 TO 66057 FOR 20190930 TO 20191105 AND FROM 66057 TO 65457 FOR 20191106-PRESENT.
79782	REGENCY CENTERS CORP	SHARES OUTSTANDING CHANGE FROM 167557 TO 167127 FOR 20190930 TO 20191031 AND FROM 167127 TO 167564 FOR 20191101-PRESENT.
80014	C I M COMMERCIAL TRUST CORP	SHARES OUTSTANDING CHANGE FROM 14609 TO 14602 FOR 20190930-PRESENT.
81917	SERVICE PROPERTIES TRUST	SHARES OUTSTANDING CHANGE FROM 164449 TO 164565 FOR 20190930-PRESENT.
83879	LAMAR ADVERTISING CO NEW	SHARES OUTSTANDING CHANGE FROM 85956 TO 86011 FOR 20190930-PRESENT.
86996	S B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 113106 TO 112604 FOR 20190930 TO 20191030 AND FROM 112604 TO 112601 FROM 20191031-PRESENT.
87289	SENIOR HOUSING PROPERTIES TRUS	SHARES OUTSTANDING CHANGE FROM 237738 TO 237900 FOR 20190930 TO 20191105 AND FROM 237900 TO 237899 FROM 20191106-PRESENT.
89617	EQUINIX INC	SHARES OUTSTANDING CHANGE FROM 84819 TO 85279 FOR 20190930-PRESENT.
89823	GLADSTONE COMMERCIAL CORP	SHARES OUTSTANDING CHANGE FROM 31004 TO 31220 FOR 20190930 TO 20191029 AND FROM 31220 TO 31229 FROM 20191030-PRESENT.
89823	GLADSTONE COMMERCIAL CORP	SHARES OUTSTANDING CHANGE FROM 31004 TO 31220 FOR 20190930 TO 20191029 AND FROM 31220 TO 31229 FROM 20191030-PRESENT.
90214	NEW YORK MORTGAGE TRUST INC	SHARES OUTSTANDING CHANGE FROM 258873 TO 262621 FOR 20190930-PRESENT.
92343	RETAIL OPPORTUNITY INVST CORP	SHARES OUTSTANDING CHANGE FROM 115325 TO 115996 FOR 20191025-PRESENT.
92680	A G N C INVESTMENT CORP	SHARES OUTSTANDING CHANGE FROM 547818 TO 540900 FOR 20190930 TO 20191030 AND FROM 540900 TO 540918 FROM 20191031-PRESENT.
92948	OFFICE PROPERTIES INCOME TRUST	SHARES OUTSTANDING CHANGE FROM 48112 TO 48203 FOR 20190930-PRESENT.

## 201910 REIT SUMMARY

### CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
49744	POTLATCHDELTIC CORP	SHARES OUTSTANDING CHANGE FROM 67187 TO 67221 FOR 20190930-PRESENT.
90092	SABRA HEALTHCARE REIT INC	SHARES OUTSTANDING CHANGE FROM 189515 TO 193697 FOR 20190930-PRESENT.
92343	RETAIL OPPORTUNITY INVST CORP	SHARES OUTSTANDING CHANGE FROM 114308 TO 115325 FOR 20190930-PRESENT.

## 201909 REIT SUMMARY

### CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
<b>DELISTS</b>					
15708	NORTHSTAR REALTY EUROPE CORP	NRE	66706L10	10/20/2015	09/27/2019
93200	CHESAPEAKE LODGING TRUST	CHSP	16524010	01/22/2010	09/17/2019

### CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
80014	C I M COMMERCIAL TRUST CORP	SHARES OUTSTANDING CHANGE FROM 43807 TO 14609 FOR 20190903-PRESENT.

## 201908 REIT SUMMARY

### CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13752	CYRUSONE INC	SHARES OUTSTANDING CHANGE FROM 110317 TO 113173 FOR 20190425-20190627, FROM 113173 TO 113176 FOR 20190628-20190724 AND FROM 113176 TO 113192 FOR 20190725-PRESENT.
14252	GAMING & LEISURE PROPERTIES INC	SHARES OUTSTANDING CHANGE FROM 215010 TO 214659 FOR 20190502-20190627, FROM 214659 TO 214673 FOR 20190628-20190806 AND FROM 214673 TO 214683 FOR 20190807-PRESENT.
14279	EXTENDED STAY AMERICA INC	SHARES OUTSTANDING CHANGE FROM 188412 TO 188420 FOR 20190731-PRESENT.
14651	CARETRUST REIT INC	SHARES OUTSTANDING CHANGE FROM 95582 TO 95073 FOR 20190628-20190804 AND FROM 95073 TO 95557 FOR 20190805-PRESENT.
15279	UNITI GROUP INC	SHARES OUTSTANDING CHANGE FROM 182670 TO 184157 FOR 20190503-20190627, FROM 184157 TO 183123 FROM 20190628-20190801 AND FROM 183123 TO 193143 FOR 20190802-PRESENT.
16266	REVEN HOUSING REIT INC	SHARES OUTSTANDING CHANGE FROM 11027 TO 11039 FOR 20190628-PRESENT.
17952	AMERICAN FINANCE TRUST INC	SHARES OUTSTANDING CHANGE FROM 106211 TO 106246 FOR 20190628-PRESENT.
49744	POTLATCHDELTIC CORP	SHARES OUTSTANDING CHANGE FROM 67186 TO 67187 FOR 20190729-PRESENT.
79129	BROOKFIELD PROPERTY REIT INC	SHARES OUTSTANDING CHANGE FROM 103138 TO 93932 FOR 20190508-20190627, FROM 93932 TO 79389 FROM 20190628-20190806 AND FROM 79389 TO 73532 FOR 20190807-PRESENT.
79782	REGENCY CENTERS CORP	SHARES OUTSTANDING CHANGE FROM 167106 TO 167519 FOR 20190509-20190627, FROM 167519 TO 167125 FROM 20190628-20190801 AND FROM 167125 TO 167557 FOR 20190802-PRESENT.
81917	HOSPITALITY PROPERTIES TRUST	SHARES OUTSTANDING CHANGE FROM 164442 TO 164440 FOR 20190509-20190627, FROM 164440 TO 164455 FROM 20190628-20190807 AND FROM 164455 TO 164449 FOR 20190808-PRESENT.
83879	LAMAR ADVERTISING CO NEW	SHARES OUTSTANDING CHANGE FROM 85584 TO 85568 FOR 20190425-20190627, FROM 85568 TO 85689 FROM 20190628-20190731 AND FROM 85689 TO 85956 FOR 20190801-PRESENT.
86996	S B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 113205 TO 113251 FOR 20190430-20190627, FROM 113251 TO 113090 FROM 20190628-20190730 AND FROM 113090 TO 113106 FOR 20190731-PRESENT.
87289	SENIOR HOUSING PROPERTIES TRUST	SHARES OUTSTANDING CHANGE FROM 237730 TO 237726 FOR 20190508-20190627, FROM 237726 TO 237741 FROM 20190628-20190806 AND FROM 237741 TO 237738 FOR 20190807-PRESENT.
89617	EQUINIX INC	SHARES OUTSTANDING CHANGE FROM 84070 TO 84819 FOR 20190628-PRESENT.
89823	GLADSTONE COMMERCIAL CORP	SHARES OUTSTANDING CHANGE FROM 29958 TO 30291 FOR 20190430-20190627, FROM 30291 TO 30878 FROM 20190628-20190729 AND FROM 30878 TO 31004 FOR 20190730-PRESENT.
90092	SABRA HEALTHCARE REIT INC	SHARES OUTSTANDING CHANGE FROM 179501 TO 189515 FOR 20190628-PRESENT.
90214	NEW YORK MORTGAGE TRUST INC	SHARES OUTSTANDING CHANGE FROM 208092 TO 210873 FOR 20190628-PRESENT.
92680	A G N C INVESTMENT CORP	SHARES OUTSTANDING CHANGE FROM 536412 TO 547800 FOR 20190628-20190730 AND FROM 547800 TO 547818 FOR 20190731-PRESENT.

PERMNO	COMPANY NAME	DESCRIPTION
92948	OFFICE PROPERTIES INCOME TRUST	SHARES OUTSTANDING CHANGE FROM 48092 TO 48090 FOR 20190430-20190627, FROM 48090 TO 48113 FROM 20190628-20190731 AND FROM 48113 TO 48112 FOR 20190801-PRESENT.

## 201907 REIT SUMMARY

### CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13756	GLADSTONE LAND CORP	SHARES OUTSTANDING CHANGE FROM 18462 TO 20533 FOR 20190624-PRESENT.
17222	INDUSTRIAL LOGISTICS PPTYS TR	SHARES OUTSTANDING CHANGE FROM 65075 TO 65073 FOR 20190426-20190627 AND FROM 65073 TO 65088 FOR 20190628-PRESENT.
49744	POTLATCHDELTIC CORP	SHARES OUTSTANDING CHANGE FROM 67588 TO 67186 FOR 20190628-PRESENT.
92343	RETAIL OPPORTUNITY INVST CORP	SHARES OUTSTANDING CHANGE FROM 114312 TO 114308 FOR 20190628-PRESENT.

## 201906 REIT SUMMARY

### CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
<b>DELISTS</b>					
15586	TIER REIT INC	TIER	88650V20	7/23/2015	6/14/2019

### CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
16936	TREMONT MORTGAGE TRUST	SHARES OUTSTANDING CHANGE FROM 3193 TO 8193 FOR 20190513-PRESENT.
18259	MEDALIST DIVERSIFIED REIT INC	SHARES OUTSTANDING CHANGE FROM 3988 TO 4215 FOR 20190521-20190530 AND FROM 4215 TO 4486 FOR 20190531-PRESENT.

## 201905 REIT SUMMARY

### CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
<b>ADDS</b>					
18715	POSTAL REALTY TRUST INC	PSTL	73757R10	5/15/2019	5/31/2019
<b>DELISTS</b>					
15159	INFREIT INC	HIFR	45685L10	1/30/2015	5/16/2019
16332	MEDEQUITIES REALTY TRUST INC	MRT	58409L30	9/29/2016	5/16/2019

### CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13700	WHEELER REAL ESTATE INV TR INC	SHARES OUTSTANDING CHANGE FROM 9511 TO 9693 FOR 20190329-PRESENT.
13752	CYRUSONE INC	SHARES OUTSTANDING CHANGE FROM 108258 TO 108330 FOR 20190308-20190328 AND FROM 108330 TO 110317 FOR 20190329-PRESENT.
13756	GLADSTONE LAND CORP	SHARES OUTSTANDING CHANGE FROM 18059 TO 18462 FOR 20190329-PRESENT.
14252	GAMING & LEISURE PROPERTIES INC	SHARES OUTSTANDING CHANGE FROM 214639 TO 214646 FOR 20190329-20190404 AND FROM 214646 TO 215010 FOR 20190405-PRESENT.
14279	EXTENDED STAY AMERICA INC	SHARES OUTSTANDING CHANGE FROM 188229 TO 188404 FOR 20190329-20190410 AND FROM 188404 TO 188412 FOR 20190411-PRESENT.

PERMNO	COMPANY NAME	DESCRIPTION
14651	CARETRUST REIT INC	SHARES OUTSTANDING CHANGE FROM 88941 TO 88398 FOR 20190329-20190414 AND FROM 88398 TO 95582 FOR 20190415-PRESENT.
15279	UNITI GROUP INC	SHARES OUTSTANDING CHANGE FROM 183104 TO 183121 FOR 20190315-20190328 AND FROM 183121 TO 182670 FOR 20190329-PRESENT.
17952	AMERICAN FINANCE TRUST INC	SHARES OUTSTANDING CHANGE FROM 106075 TO 106211 FOR 20190329-PRESENT.
49744	POTLATCHDELTIC CORP	SHARES OUTSTANDING CHANGE FROM 67866 TO 67588 FOR 20190225-PRESENT.
79129	BROOKFIELD PROPERTY REIT INC	SHARES OUTSTANDING CHANGE FROM 103279 TO 103138 FOR 20190329-PRESENT.
79782	REGENCY CENTERS CORP	SHARES OUTSTANDING CHANGE FROM 167506 TO 167517 FOR 20190311-20190328 AND FROM 167517 TO 167106 FOR 2019029-PRESENT.

## 201904 REIT SUMMARY

### CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
<b>HISTORICAL CHANGES</b>					
<b>OLD</b>					
85947	LASALLE HOTEL PROPERTIES	LHO	51794210	4/24/1998	3/29/2019
<b>NEW</b>					
85947	LASALLE HOTEL PROPERTIES	LHO	51794210	4/24/1998	11/30/2018

### CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
14252	GAMING & LEISURE PROPERTIES INC	SHARES OUTSTANDING CHANGE FROM 214212 TO 214639 FOR 20190208-PRESENT.
14279	EXTENDED STAY AMERICA INC	SHARES OUTSTANDING CHANGE FROM 188220 TO 188229 FOR 20190222-PRESENT.
14651	CARETRUST REIT INC	SHARES OUTSTANDING CHANGE FROM 88847 TO 88941 FOR 20190305-PRESENT.
79129	BROOKFIELD PROPERTY REIT INC	SHARES OUTSTANDING CHANGE FROM 109805 TO 103279 FOR 20190227-PRESENT.
86996	S B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 112433 TO 112589 FOR 20190221-PRESENT.
89823	GLADSTONE COMMERCIAL CORP	SHARES OUTSTANDING CHANGE FROM 29437 TO 30180 FOR 20190219-20190328 AND FROM 30180 TO 29958 FOR 20190329-PRESENT.
90092	SABRA HEALTHCARE REIT INC	SHARES OUTSTANDING CHANGE FROM 178307 TO 178323 FOR 20190220-PRESENT.
92343	RETAIL OPPORTUNITY INVST CORP	SHARES OUTSTANDING CHANGE FROM 113996 TO 114123 FOR 20190226-20190328 AND FROM 114123 TO 114312 FOR 20190329-PRESENT.

## 201903 REIT SUMMARY

### CRSP ADDS, DELISTS, AND CHANGES:

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
<b>ADDS</b>					
12329	ELLINGTON FINANCIAL INC	EFC	28852N10	3/4/2019	3/29/2019
<b>DELISTS</b>					
14034	OWENS REALTY MORTGAGE INC	ORM	69082810	7/1/2013	3/28/2019

## CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13752	CYRUSONE INC	SHARES OUTSTANDING CHANGE FROM 108329 TO 108258 FOR 20190214-PRESENT.
13700	WHEELER REAL ESTATE INV TR INC	SHARES OUTSTANDING CHANGE FROM 9453 TO 9511 FOR 20181231-PRESENT.
13756	GLADSTONE LAND CORP	SHARES OUTSTANDING CHANGE FROM 16071 TO 17891 FOR 20181231-20190218 AND FROM 17891 TO 18059 FOR 20190219-PRESENT.
79129	BROOKFIELD PROPERTY REIT INC	SHARES OUTSTANDING CHANGE FROM 127326 TO 109805 FOR 20181231-PRESENT.
14220	Q T S REALTY TRUST INC	SHARES OUTSTANDING CHANGE FROM 51008 TO 51022 FOR 20190228-20190328 AND FROM 51022 TO 55256 FOR 20190329-PRESENT.
49744	POTLATCHDELTIC CORP	SHARES OUTSTANDING CHANGE FROM 67570 TO 67866 FOR 20190225-PRESENT.
79782	REGENCY CENTERS CORP	SHARES OUTSTANDING CHANGE FROM 167514 TO 167506 FOR 20190213-PRESENT.
15279	UNITI GROUP INC	SHARES OUTSTANDING CHANGE FROM 178210 TO 178981 FOR 20181025-20181230 AND FROM 178981 TO 180536 FOR 20181231-20190305.
85947	LASALLE HOTEL PROPERTIES	PRICE CHANGE FROM \$34.749 TO \$0.00 AND PTYPE CHANGE FROM 12 TO 13 ON 20190131.
16266	REVEN HOUSING REIT INC	SHARES OUTSTANDING CHANGE FROM 10945 TO 10952 FOR 20181231-20190227 AND FROM 10952 TO 11027 FOR 20190228-PRESENT.
17287	COLONY CREDIT REAL ESTATE INC	SHARES OUTSTANDING CHANGE FROM 83410 TO 127810 FOR 20190228-20190328.
89823	GLADSTONE COMMERCIAL CORP	SHARES OUTSTANDING CHANGE FROM 29255 TO 29437 FOR 20190213-PRESENT.
18259	MEDALIST DIVERSIFIED REIT INC	SHARES OUTSTANDING CHANGE FROM 2447 TO 2322 FOR 20181231-PRESENT.
92343	RETAIL OPPORTUNITY INVST CORP	SHARES OUTSTANDING CHANGE FROM 113993 TO 113996 FOR 20190215-PRESENT.
92680	A G N C INVESTMENT CORP	SHARES OUTSTANDING CHANGE FROM 536300 TO 536339 FOR 20190222-PRESENT.
92948	OFFICE PROPERTIES INCOME TRUST	SHARES OUTSTANDING CHANGE FROM 192332 TO 48083 FOR 20190102-20190102 AND FROM 48083 TO 48082 FOR 20190103-20190224 AND FROM 48082 TO 48083 FOR 20190225-PRESENT.
87289	SENIOR HOUSING PROPERTIES TRUST	SHARES OUTSTANDING CHANGE FROM 237731 TO 237730 FOR 20181231-PRESENT.

## 201902 REIT SUMMARY

### CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13752	CYRUSONE INC	SHARES OUTSTANDING CHANGE FROM 105838 TO 105834 FOR 20181026-20181230 AND FROM 105834 TO 108329 FOR 20181231-PRESENT.
14252	GAMING & LEISURE PROPERTIES INC	SHARES OUTSTANDING CHANGE FROM 214038 TO 214091 FOR 20181030-20181230 AND FROM 214091 TO 214212 FOR 20181231-PRESENT.
14279	EXTENDED STAY AMERICA INC	SHARES OUTSTANDING CHANGE FROM 188517 TO 188288 FOR 20181029-20181230 AND FROM 188288 TO 188220 FOR 20181231-PRESENT.
14651	CARETRUST REIT INC	SHARES OUTSTANDING CHANGE FROM 83884 TO 85867 FOR 20181231-20190114 AND FROM 85867 TO 88847 FOR 20190115-PRESENT.
17222	INDUSTRIAL LOGISTICS PPTYS TR	SHARES OUTSTANDING CHANGE FROM 110072 TO 65075 FOR 20181227-PRESENT.
49744	POTLATCHDELTIC CORP	SHARES OUTSTANDING CHANGE FROM 62755 TO 67570 FOR 20181231-PRESENT.
79782	REGENCY CENTERS CORP	SHARES OUTSTANDING CHANGE FROM 169443 TO 167514 FOR 20181231-PRESENT.
83879	LAMAR ADVERTISING CO NEW	SHARES OUTSTANDING CHANGE FROM 84723 TO 85085 FOR 20181101-20181230 AND FROM 85085 TO 85163 FOR 20181231-PRESENT.
85947	LASALLE HOTEL PROPERTIES	PRICE CHANGE FROM \$34.749 TO \$0.00 AND PTYPE CHANGE FROM 12 TO 13 ON 20190131.
86996	S B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 114244 TO 113321 FOR 20181031-20181230 AND FROM 113321 TO 112433 FOR 20181231-PRESENT.
89617	EQUINIX INC	SHARES OUTSTANDING CHANGE FROM 80390 TO 80722 FOR 20181231-PRESENT.

PERMNO	COMPANY NAME	DESCRIPTION
89823	GLADSTONE COMMERCIAL CORP	SHARES OUTSTANDING CHANGE FROM 28926 TO 28988 FOR 20181030-20181230 AND FROM 28988 TO 29255 FOR 20181231-PRESENT.
90092	SABRA HEALTHCARE REIT INC	SHARES OUTSTANDING CHANGE FROM 178285 TO 178307 ON 20181231-PRESENT.
92343	RETAIL OPPORTUNITY INVST CORP	SHARES OUTSTANDING CHANGE FROM 113985 TO 113993 ON 20181231-PRESENT.
92680	A G N C INVESTMENT CORP	SHARES OUTSTANDING CHANGE FROM 477832 TO 536300 ON 20181231-PRESENT.

## 201901 REIT SUMMARY

### CRSP ADDS, DELISTS, AND CHANGES:

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
<b>DELISTS</b>					
13309	SELECT INCOME REIT	SIR	81618T10	03/07/2012	12/31/2018

### CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
14651	CARETRUST REIT INC	HAD A SHARES OUTSTANDING CHANGE FROM 83353 TO 83884 ON 20181102-PRESENT.
14279	OFFICE PROPERTIES INCOME TRUST	HAD A SHARES OUTSTANDING CHANGE FROM 99205 TO 48084 ON 20190102-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:

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. 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
RAZYYYYYMM_ASCII	ASCII FILES	\CRSPDATA\RAZYYYYYMM_ASCII
RAZYYYYYMM_MSACCESS	MS ACCESS TABLES	\CRSPDATA\RAZYYYYYMM_MSACCESS
RAZYYYYYMM_SAS	SAS FILES	\CRSPDATA\RAZYYYYYMM_SAS

Contact CRSP Client Services for assistance at [support@crsp.org](mailto:support@crsp.org) or call 312-263-6400, Option 2.

## 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	13.1 MB	280 MB
MICROSOFT ACCESS	12.7 MB	241 MB
SAS V 9.1	14.9 MB	298 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 of the guide 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 of the guide.

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.

