

CRSP ZIMAN/REAL ESTATE DATA SERIES RELEASE NOTES

DECEMBER 2020 ANNUAL UPDATE

FILE VERSION SPECIFICS

- The CRSP/Ziman Real Estate Data Series contains data through December 2020, available in January 2021.
- The data series contains 662 securities of which 220 are currently trading. The date range is from 19800102-20201231.
- 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.

202012 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
20191	APARTMENT INCOME REIT CORP	AIRC	03750L10	12/15/2020	12/31/2020
DELISTS					
78089	TAUBMAN CENTERS INC	TCO	87666410	11/20/1992	12/28/2020

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
86996	S B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 111443 TO 111115 FOR 20201030 – PRESENT.

202011 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
DELISTS					
15259	JERNIGAN CAPITAL INC	JCAP	47640510	3/27/2015	11/5/2020
79777	CBL & ASSOCIATES PROPERTIES INC	CBL	12483010	10/28/1993	11/2/2020
HISTORICAL CHANGES					
85653	ARLINGTON ASSET INVESTMENT CORP	AAIC	04135620	1/2/2019	11/30/2020

INDICES DIFFERENCES

- Indnos 1000800, 1000801, 1000804, 1000850, 1000851 & 1000854 have count, returns and index level changes due to the removal of permno 85234 for 20001002–20130101
- Indnos 1000800, 1000802, 1000850 & 1000852 have count, returns and index level changes due to the addition of permno 85653 for 20190102–present
- Indnos 1000800, 1000801, 1000802, 1000805, 1000850, 1000851, 1000852 & 1000855 have count, returns and index level changes due to the distribution payment for permno 17791 on 20200102

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13756	GLADSTONE LAND CORP	SHARES OUTSTANDING CHANGE FROM 22203 TO 22205 FOR 20200804 – 20201030 AND FROM 22205 TO 24102 FOR 20201022 – PRESENT.
14252	GAMING & LEISURE PROPERTIES INC	SHARES OUTSTANDING CHANGE FROM 220697 TO 220706 FOR 20201023 – 20201112 AND 220706 TO 223249 FOR 2020113 – PRESENT.
14279	EXTENDED STAY AMERICA INC	SHARES OUTSTANDING CHANGE FROM 177491 TO 177561 FOR 20200930 – PRESENT.
14651	CARETRUST REIT INC	SHARES OUTSTANDING CHANGE FROM 95737 TO 95214 FOR 20200930 – 20201103 AND 95214 TO 95736 FOR 20201104 – PRESENT.
15279	UNITI GROUP INC	SHARES OUTSTANDING CHANGE FROM 194150 TO 231244 FOR 20200930 – 20201101 AND 231244 TO 232749 FOR 20201102 -PRESENT.
16936	TREMONT MORTGAGE TRUST	SHARES OUTSTANDING CHANGE FROM 8254 TO 8303 FOR 20200930 – PRESENT.
17791	SPIRIT M T A REIT	DIVIDEND EX-DATE CHANGE FROM 20191024 TO 20200102.
17952	AMERICAN FINANCE TRUST INC	SHARES OUTSTANDING CHANGE FROM 108528 TO 108837 FOR 20200930 – PRESENT.
49744	POTLATCHDELTIC CORP	SHARES OUTSTANDING CHANGE FROM 66872 TO 66873 FOR 20201028 – PRESENT.
79129	BROOKFIELD PROPERTY REIT INC	SHARES OUTSTANDING CHANGE FROM 55235 TO 41743 FOR 20200930 – 20201103 AND 41743 TO 39129 FOR 20201104 – PRESENT.
79782	REGENCY CENTERS CORP	SHARES OUTSTANDING CHANGE FROM 169667 TO 169207 FOR 20200930 – 20201104 AND 169207 TO 169680 FOR 20201105 – PRESENT.
81917	SERVICE PROPERTIES TRUST	SHARES OUTSTANDING CHANGE FROM 164598 TO 164824 FOR 20200930 – PRESENT.
83879	LAMAR ADVERTISING CO NEW	SHARES OUTSTANDING CHANGE FROM 86390 TO 86428 FOR 20200731 – PRESENT.
86996	S B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 111939 TO 111443 FOR 20200930 – PRESENT.
87289	DIVERSIFIED HEALTHCARE TRUST	SHARES OUTSTANDING CHANGE FROM 237951 TO 238268 FOR 20200930 – PRESENT.
89823	GLADSTONE COMMERCIAL CORP	SHARES OUTSTANDING CHANGE FROM 34050 TO 34184 FOR 20200930 – 20201104 AND 31184 TO 34268 FOR 20201105 – PRESENT.
90092	SABRA HEALTHCARE REIT INC	SHARES OUTSTANDING CHANGE FROM 205561 TO 206928 FOR 20200930 – PRESENT.
92343	RETAIL OPPORTUNITY INVESTMENT CORP	SHARES OUTSTANDING CHANGE FROM 117940 TO 118005 FOR 20201023 – PRESENT.
92680	A G N C INVESTMENT CORP	SHARES OUTSTANDING CHANGE FROM 555517 TO 545200 FOR 20200930 – 20201029 AND 545200 TO 545212 FOR 20201030 – PRESENT.

202010 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
19858	PRESIDIO PROPERTY TRUST INC	SQFT	74102L20	10/7/2020	10/30/2020

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13752	CYRUSONE INC	SHARES OUTSTANDING CHANGE FROM 116873 TO 120423 FOR 20200930 – PRESENT.
14252	GAMING & LESIURE PROPERTIES INC	SHARES OUTSTANDING CHANGE FROM 220623 TO 220697 FOR 20200925 – PRESENT.
17222	INDUSTRIAL LOGISTICS PROPERTIES TRUST	SHARES OUTSTANDING CHANGE FROM 65210 TO 65301 FOR 20200930 – PRESENT.
17791	SPIRIT M T A REIT	DIVIDEND AMOUNT CHANGE FROM \$8.00 TO \$8.50 ON 20191024.
49744	POTATCHDELTIC CORP	SHARES OUTSTANDING CHANGE FROM 66871 TO 66872 FOR 20200930 – PRESENT.
89617	EQUINIX INC	SHARES OUTSTANDING CHANGE FROM 88557 TO 89102 FOR 20200930 – PRESENT.
92343	RETAIL OPPORTUNITY INVESTMENT CORP	SHARES OUTSTANDING CHANGE FROM 117929 TO 117940 FOR 20200930 – PRESENT.
92948	OFFICE PROPERTIES INCOME TRUST	SHARES OUTSTANDING CHANGE FROM 48228 TO 48318 FOR 20200930 – PRESENT.

202009 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
19658	BROADSTONE NET LEASE INC	BNL	11135E10	9/17/2020	9/30/2020

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
14279	EXTENDED STAY AMERICA INC	SHARES OUTSTANDING CHANGE FROM 177482 TO 177491 FOR 20200805 – PRESENT.
15279	UNITI GROUP INC	SHARES OUTSTANDING CHANGE FROM 194116 TO 192523 FOR 20200630-20200730 AND 192523 TO 194150 FOR 20200731 – PRESENT.
81917	SERVICE PROPERTIES TRUST	SHARES OUTSTANDING CHANGE FROM 164566 TO 164598 FROM 20200630 – PRESENT.
90506	SOTHERLY HOTELS INC	SHARES OUTSTANDING CHANGE FROM 14824 TO 14881 FROM 2020630 – PRESENT.

202008 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
19601	NETSTREIT CORP	NTST	64119V30	8/13/2020	8/31/2020
19602	NEW YORK CITY REIT INC	NYC	64943920	8/18/2020	8/31/2020

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13700	WHEELER REAL ESTATE INV TR INC	SHARES OUTSTANDING CHANGE FROM 9694 TO 9699 FOR 20200731-PRESENT.
13752	CYRUSONE INC	SHARES OUTSTANDING CHANGE FROM 116853 TO 116873 FOR 20200724-PRESENT.
13756	GLADSTONE LAND CORP	SHARES OUTSTANDING CHANGE FROM 21346 TO 21535 FOR 20200630-20200803 AND 21535 TO 22023 FOR 20200804-PRESENT.
14252	GAMING & LEISURE PROPERTIES INC	SHARES OUTSTANDING CHANGE FROM 217821 TO 217830 FOR 20200727-20200813 AND 217830 TO 220623 FOR 20200814-PRESENT.
14651	CARETRUST REIT INC	SHARES OUTSTANDING CHANGE FROM 95711 TO 95214 FOR 20200630-20200804 AND 95214 TO 95737 FOR 20200805-PRESENT.
16936	TREMONT MORTGAGE TRUST	SHARES OUTSTANDING CHANGE FROM 8239 TO 8254 FOR 20200630-PRESENT.
79129	BROOKFIELD PROPERTY REIT INC	SHARES OUTSTANDING CHANGE FROM 55900 TO 55295 FOR 20200630-20200804 AND 55295 TO 55235 FOR 20200805-PRESENT.
79782	REGENCY CENTERS CORP	SHARES OUTSTANDING CHANGE FROM 169629 TO 169198 FOR 20200630-20200802 AND 169198 TO 169667 FOR 20200803-PRESENT.
83879	LAMAR ADVERTISING CO NEW	SHARES OUTSTANDING CHANGE FROM 86339 TO 86390 FOR 20200630-PRESENT.
86996	S B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 111625 TO 111918 FOR 20200630-20200730 AND 111918 TO 111939 FOR 20200731-PRESENT.
87289	DIVERSIFIED HEALTHCARE TRUST	SHARES OUTSTANDING CHANGE FROM 237894 TO 237952 FOR 20200630-20200802 AND 237952 TO 237951 FOR 20200803-PRESENT.
89617	EQUINIX INC	SHARES OUTSTANDING CHANGE FROM 88549 TO 88557 FOR 20200730-PRESENT.
89823	GLADSTONE COMMERCIAL CORP	SHARES OUTSTANDING CHANGE FROM 33961 TO 34050 FOR 20200727-PRESENT.
90092	SABRA HEALTHCARE REIT INC	SHARES OUTSTANDING CHANGE FROM 205559 TO 205561 FOR 20200630-PRESENT.
92343	RETAIL OPPORTUNITY INVST CORP	SHARES OUTSTANDING CHANGE FROM 117640 TO 117929 FOR 20200724-PRESENT.
92680	A G N C INVESTMENT CORP	SHARES OUTSTANDING CHANGE FROM 559357 TO 555500 FOR 20200630-20200730 AND 555500 TO 555517 FOR 20200731-PRESENT.

202007 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
92966	R M R MORTGAGE TRUST	RMRM	76970B10	7/30/2020	7/31/2020

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13752	CYRUSONE INC	SHARES OUTSTANDING CHANGE FROM 115200 TO 116853 FOR 20200630-PRESENT.
14252	GAMING & LEISURE PROPERTIES INC	SHARES OUTSTANDING CHANGE FROM 218975 TO 217821 FOR 20200626-PRESENT.
17222	INDUSTRIAL LOGISTICS PPTYS TR	SHARES OUTSTANDING CHANGE FROM 65186 TO 65210 FOR 20200630-PRESENT.
49744	POTLATCHDELTIC CORP	SHARES OUTSTANDING CHANGE FROM 66952 TO 66871 FOR 20200630-PRESENT.
89617	EQUINIX INC	SHARES OUTSTANDING CHANGE FROM 85927 TO 88549 FOR 20200630-PRESENT.
89823	GLADSTONE COMMERCIAL CORP	SHARES OUTSTANDING CHANGE FROM 33935 TO 33961 FOR 20200630-PRESENT.
92343	RETAIL OPPORTUNITY INVST CORP	SHARES OUTSTANDING CHANGE FROM 116356 TO 117640 FOR 20200630-PRESENT.
92948	OFFICE PROPERTIES INCOME TRUST	SHARES OUTSTANDING CHANGE FROM 48201 TO 48228 FOR 20200630-PRESENT.

202006 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
19225	NEXPOINT REAL ESTATE FINANCE INC	NREF	65342V10	2/7/2020	2/28/2020
DELISTS					
80691	LIBERTY PROPERTY TRUST	LPT	53117210	6/17/1994	2/3/2020

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
79129	BROOKFIELD PROPERTY REIT INC	SHARES OUTSTANDING CHANGE FROM 57337 TO 55900 FOR 20200507-PRESENT.

202005 REIT SUMMARY

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13752	CYRUSONE INC	SHARES OUTSTANDING CHANGE FROM 115014 TO 115200 FOR 20200424-PRESENT.
14252	GAMING & LEISURE PROPERTIES INC	SHARES OUTSTANDING CHANGE FROM 215102 TO 215107 FOR 20200331-20200405 AND FROM 215107 TO 215428 FOR 20200406-20200429 AND FROM 215428 TO 215118 FOR 20200430-20200511 AND FROM 215118 TO 218975 FOR 20200512-PRESENT.
14279	EXTENDED STAY AMERICA INC	SHARES OUTSTANDING CHANGE FROM 177466 TO 177482 FOR 20200501-PRESENT.
14651	CARETRUST REIT INC	SHARES OUTSTANDING CHANGE FROM 95469 TO 95196 FOR 20200331-20200505 AND FROM 95196 TO 95711 FOR 20200506-PRESENT.
15279	UNITI GROUP INC	SHARES OUTSTANDING CHANGE FROM 194175 TO 192281 FOR 20200331-20200430 AND FROM 192281 TO 194116 FOR 20200501-PRESENT.
18259	MEDALIST DIVERSIFIED REIT INC	SHARES OUTSTANDING CHANGE FROM 4500 TO 4748 FOR 20200331-PRESENT.
26551	CONTINENTAL MORTGAGE & EQTY TR	PRICE CHANGE FROM 15.282 TO 15.132 FOR 19991231
49744	POTLATCHDELTIC CORP	SHARES OUTSTANDING CHANGE FROM 67352 TO 66951 FOR 20200331-20200427 AND FROM 66951 TO 66952 FOR 20200428-PRESENT.
79782	REGENCY CENTERS CORP	SHARES OUTSTANDING CHANGE FROM 167716 TO 169171 FOR 20200331-20200506 AND FROM 169171 TO 169629 FOR 20200507-PRESENT.
86996	S B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 112201 TO 111559 FOR 20200331-20200426 AND FROM 111559 TO 111625 FOR 20200427-PRESENT.
89617	EQUINIX INC	SHARES OUTSTANDING CHANGE FROM 85444 TO 85927 FOR 20200331-PRESENT.
89823	GLADSTONE COMMERCIAL CORP	SHARES OUTSTANDING CHANGE FROM 33930 TO 33935 FOR 20200428-PRESENT.
90092	SABRA HEALTHCARE REIT INC	SHARES OUTSTANDING CHANGE FROM 205274 TO 205559 FOR 20200331 TO PRESENT.
90214	NEW YORK MORTGAGE TRUST INC	SHARES OUTSTANDING CHANGE FROM 377468 TO 377465 FOR 20200331-PRESENT.
92343	RETAIL OPPORTUNITY INVST CORP	SHARES OUTSTANDING CHANGE FROM 116121 TO 116356 FOR 20200417-PRESENT.
92680	A G N C INVESTMENT CORP	SHARES OUTSTANDING CHANGE FROM 540943 TO 567700 FOR 20200331-20200429 AND FROM 567700 TO 559357 FOR 20200430-PRESENT.

202004 REIT SUMMARY

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13752	CYRUSONE INC	SHARES OUTSTANDING CHANGE FROM 115012 TO 115014 FOR 20200331-PRESENT.
15279	UNITI GROUP INC	SHARES OUTSTANDING CHANGE FROM 193264 TO 194175 FOR 20200313-PRESENT.
17222	INDUSTRIAL LOGISTICS PPTYS TR	SHARES OUTSTANDING CHANGE FROM 65180 TO 65186 FOR 20200316-PRESENT.
81917	SERVICE PROPERTIES TRUST	SHARES OUTSTANDING CHANGE FROM 164562 TO 164566 FOR 20200316-PRESENT.
83879	LAMAR ADVERTISING CO NEW	SHARES OUTSTANDING CHANGE FROM 86095 TO 86293 FOR 20200330-PRESENT.
86996	S B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 111929 TO 112201 FOR 20200312-PRESENT.
87289	DIVERSIFIED HEALTHCARE TRUST	SHARES OUTSTANDING CHANGE FROM 237895 TO 237894 FOR 20200316-PRESENT.
89823	GLADSTONE COMMERCIAL CORP	SHARES OUTSTANDING CHANGE FROM 34429 TO 33930 FOR 20200331-PRESENT.
92343	RETAIL OPPORTUNITY INVST CORP	SHARES OUTSTANDING CHANGE FROM 116796 TO 116121 FOR 20200331-PRESENT.
92948	OFFICE PROPERTIES INCOME TRUST	SHARES OUTSTANDING CHANGE FROM 48202 TO 48201 FOR 20200316-PRESENT.
14575	NEW YORK REIT INC	PRICE CHANGE FROM 14.10 TO 14.80 AND PRICE TYPE FROM 12 TO 13 FOR 20181130.

202003 REIT SUMMARY

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13752	CYRUSONE INC	SHARES OUTSTANDING CHANGE FROM 114809 TO 114848 FOR 20200214-20200303 AND 114848 TO 115012 FOR 20200304-PRESENT.
13756	GLADSTONE LAND CORP	SHARES OUTSTANDING CHANGE FROM 20937 TO 21346 FOR 20200218-PRESENT.
14252	GAMING & LEISURE PROPERTIES INC	SHARES OUTSTANDING CHANGE FROM 214694 TO 215102 FOR 20200218-PRESENT.
14279	EXTENDED STAY AMERICA INC	SHARES OUTSTANDING CHANGE FROM 179483 TO 177255 FOR 20200221-PRESENT.
14651	CARETRUST REIT INC	SHARES OUTSTANDING CHANGE FROM 95103 TO 95469 FOR 20200219-PRESENT.
15279	UNITI GROUP INC	SHARES OUTSTANDING CHANGE FROM 192142 TO 193264 FOR 20200304-PRESENT.
17222	INDUSTRIAL LOGISTICS PPTYS TR	SHARES OUTSTANDING CHANGE FROM 65181 TO 65180 FOR 20200219-PRESENT.
49744	POTLATCHDELTIC CORP	SHARES OUTSTANDING CHANGE FROM 67221 TO 67352 FOR 20200214-PRESENT.
79129	BROOKFIELD PROPERTY REIT INC	SHARES OUTSTANDING CHANGE FROM 64024 TO 60083 FOR 20200226-PRESENT.
79782	REGENCY CENTERS CORP	SHARES OUTSTANDING CHANGE FROM 167131 TO 167716 FOR 20200212-PRESENT.
81917	SERVICE PROPERTIES TRUST	SHARES OUTSTANDING CHANGE FROM 164565 TO 164563 FOR 20191231-20200225 AND 164563 TO 164562 FOR 20200226-PRESENT.
83879	LAMAR ADVERTISING CO NEW	SHARES OUTSTANDING CHANGE FROM 86093 TO 86095 FOR 20200131-PRESENT.
86996S	B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 111775 TO 111929 FOR 20200218-PRESENT.
87289	DIVERSIFIED HEALTHCARE TRUST	SHARES OUTSTANDING CHANGE FROM 237899 TO 237897 FOR 20191231-20200225 AND 237897 TO 237895 FOR 20200226-PRESENT.
89617	EQUINIX INC	SHARES OUTSTANDING CHANGE FROM 85308 TO 85444 FOR 20200220-PRESENT.
90092	SABRA HEALTHCARE REIT INC	SHARES OUTSTANDING CHANGE FROM 205208 TO 205274 FOR 20200214-PRESENT.
90214	NEW YORK MORTGAGE TRUST INC	SHARES OUTSTANDING CHANGE FROM 377510 TO 377468 FOR 20200227-PRESENT.
92343	RETAIL OPPORTUNITY INVST CORP	SHARES OUTSTANDING CHANGE FROM 116496 TO 116455 FOR 20200214-20200227 AND 116455 TO 116796 FOR 20200228-PRESENT.
14575	NEW YORK REIT INC	REMOVED ALL DAILY DATA ON 20181105.

202002 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
ADDS					
19225	NEXPOINT REAL ESTATE FINANCE INC	NREF	65342V10	2/7/2020	2/28/2020
DELISTS					
80691	LIBERTY PROPERTY TRUST	LPT	53117210	6/17/1994	2/3/2020

CRSP DATABASE CHANGES

PERMNO	COMPANY NAME	DESCRIPTION
13700	WHEELER REAL ESTATE INV TR INC	SHARES OUTSTANDING CHANGE FROM 9693 TO 9694 FOR 20191231-PRESENT.
13752	CYRUSONE INC	SHARES OUTSTANDING CHANGE FROM 113196 TO 114809 FOR 20191231-PRESENT.
14252	GAMING & LEISURE PROPERTIES INC	SHARES OUTSTANDING CHANGE FROM 214693 TO 214694 FOR 20191231-PRESENT.
14279	EXTENDED STAY AMERICA INC	SHARES OUTSTANDING CHANGE FROM 182819 TO 179483 FOR 20191231-PRESENT.
14651	CARETRUST REIT INC	SHARES OUTSTANDING CHANGE FROM 95557 TO 95103 FOR 20191231-PRESENT.
17952	AMERICAN FINANCE TRUST INC	SHARES OUTSTANDING CHANGE FROM 106762 TO 108475 FOR 20191231-PRESENT.
79129	BROOKFIELD PROPERTY REIT INC	SHARES OUTSTANDING CHANGE FROM 65457 TO 64024 FOR 20191231-PRESENT.
79782	REGENCY CENTERS CORP	SHARES OUTSTANDING CHANGE FROM 167564 TO 167131 FOR 20191231-PRESENT.
83879	LAMAR ADVERTISING CO NEW	SHARES OUTSTANDING CHANGE FROM 86011 TO 86093 FOR 20191231-PRESENT.
83879	S B A COMMUNICATIONS CORP NEW	SHARES OUTSTANDING CHANGE FROM 112601 TO 111775 FOR 20191231-PRESENT.
89617	EQUINIX INC	SHARES OUTSTANDING CHANGE FROM 85279 TO 85308 FOR 20191231-PRESENT.
89823	GLADSTONE COMMERCIAL CORP	SHARES OUTSTANDING CHANGE FROM 31229 TO 32594 FOR 20191231-20200211 AND FROM 32594 TO 33926 FOR 20200212-PRESENT.
90092	SABRA HEALTHCARE REIT INC	SHARES OUTSTANDING CHANGE FROM 204250 TO 205208 FOR 20191231-PRESENT.
92343	RETAIL OPPORTUNITY INVST CORP	SHARES OUTSTANDING CHANGE FROM 115996 TO 116496 FOR 20191231-PRESENT.
92680	A G N C INVESTMENT CORP	SHARES OUTSTANDING CHANGE FROM 540918 TO 540900 FOR 20191231-20200130 AND FROM 540900 TO 540943 FOR 20200131-PRESENT.
92948	OFFICE PROPERTIES INCOME TRUST	SHARES OUTSTANDING CHANGE FROM 48203 TO 48202 FOR 20191231-PRESENT.
93172	OFFICE PROPERTIES INCOME TRUST	SHARES OUTSTANDING CHANGE FROM 48203 TO 48202 FOR 20191231-PRESENT.
93172	WINN ENTERPRISES	SHARES OUTSTANDING CHANGE FROM 2844 TO 2929 FOR 19800930-19821029.

202001 REIT SUMMARY

CRSP ADDS, DELISTS, AND CHANGES

PERMNO	COMPANY NAME	TICKER	CUSIP	START DATE	END DATE
DELISTS					
17791	SPIRIT MTA REIT	SMTA	84861U10	6/1/2018	12/31/2019

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	10.9 MB	234 MB
SAS	12.4 MB	253 MB
R FILES	N/A	33.5 MB

*Additional disk space will be needed for data manipulation.

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