

CRSP U.S. STOCK & INDEX RELEASE NOTES

DECEMBER 2019 ANNUAL UPDATE

These release notes pertain to the December 2019 Annual release of the CRSP US Stock and Index databases, available in January 2020.

ANNOUNCING CRSP10!

CRSP is pleased to introduce CRSP10, a variation of our research-quality stock database. CRSP10 holds 10 years of monthly history for active and inactive securities and is ideal for use in the classroom and for training. The full dataset, delivered in a single Excel workbook, contains the time series and event history data for which CRSP is renowned. All existing stock database subscribers are entitled to access to this database! [Click here for more information.](#)

ANNOUNCING 'R' FORMAT DATASETS – AVAILABLE JANUARY 31, 2020

Starting with the December 2019 data release, the CRSP US Stock and Index Family of Database products will also be available in 'R' format datasets. The 'R' datasets will be in the zip file s*z201912_r.zip in the same folder on MOVEit Cloud as the other formats of the data. The first release of these files will be January 31, 2020. In future months, the 'R' files will be released with the SAS and ASCII file formats.

PRECISION CHANGES

CRSP is in the process of re-engineering our back office to remove phantom precision and increase the real precision throughout the Stock and Indexes flat files. Phantom precision from SAS was removed. For example, IBM's price on 11/27/2015 of \$138.46 was internally in SAS as 138.460006713867. It is now internally 138.460000000000. Second, in preparation for expanded precision in the future any floating point field in ASCII that was previously seven significant digits (e.g. 1.384600E+02) has been expanded to ship with 14 significant digits (the limit of the a 8-byte floating point number) in scientific notation (e.g. 1.3846000000000E+02).

DECEMBER 2019 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
77763	SUPERIOR ENERGY SERVICES INC	ADDED ZERO NAMELINES FOR 20190927-20191225 TO REFLECT OFF-EXCHANGE TRADING
89281	ALLIANCE CA MUN INC FD	CHANGED DELIST CODE TO 450 FROM 470 AND CHANGED DISTRIBUTION CODE TO 2255 FROM 2245 AND CHANGED EX-DATE TO 20190503 FROM 20190506

NOVEMBER 2019 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
78803	NUVEEN PA PR INC MUNI FD	CHANGED DIVIDEND AMOUNT TO 12.87305 FROM 12.87352 FOR DISTRIBUTION ON EX-DATE 19950208
12490	INTERNATIONAL BUSINESS MACHS COR	CHANGED ASKHIGH TO 209.75 FROM 2090.75 ON 19500919
22744	C N I LIQUIDATING CO	CHANGED FACTOR TO ADJUST PRICE TO 0 FROM 10.1177 ON EX-DATE 19560427
82650	TELECOMUNICACOES BRASILEIRAS S A	CHANGED FACTOR TO ADJUST PRICE TO 0 FOR 12 LIQUIDATING DISTRIBUTIONS ON EX-DATE 19981118
52345	BERGSTROM CAPITAL CORP	CHANGED FACTOR TO ADJUST PRICE TO 0 FROM 557.9545 LIQUIDATING DISTRIBUTION ON EX-DATE 20030414
84216	ROADHOUSE GRILL INC	CHANGED START DATE FOR HALT RECORD IN NAME HISTORY TO 20010801 FROM 20010731
88321	OCCAM NETWORKS INC DEL	CHANGED START DATE FOR HALT RECORD IN NAME HISTORY TO 20010418 FROM 20010417



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An Affiliate of the University of Chicago Booth School of Business

PERMNO	COMNAM	DESC
87761	CRAYFISH CO LTD	CHANGED START DATE FOR HALT RECORD IN NAME HISTORY TO 20010424 FROM 20010423
78872	CHROMATICS COLOR SCI INTL INC	CHANGED START DATE FOR HALT RECORD IN NAME HISTORY TO 20010326 FROM 20010323
31211	E I P MICROWAVE INC	REMOVED ALL PRICES FOR 19760809-19760831
76894	INTERNATIONAL BRICAN RES LTD	REMOVED ALL PRICES FOR 19910506 & 19910507
14461	SONESTA INTERNATIONAL HOTELS CP	REMOVED ALL PRICES FOR 19831024
86592	DIGITAL LAVA INC	REMOVED ALL PRICES FOR 20010228
86768	CRITICAL PATH INC	REMOVED ALL PRICES FOR 20010202-20010214
70797	LIBERTY ALL STAR EQUITY FD	CHANGED DISTRIBUTION CODE TO 1234 FROM 1432 ON EX-DATE 20060531
78411	NOBEL INSURANCE LTD	CHANGED DISTRIBUTION CODE TO 2245 FROM 2445 ON EX-DATE 19980706
16125	HOLLANDER A & SON INC	CHANGED DISTRIBUTION CODE TO 3723 FROM 0 AND ADDED RECORD AND PAY DATE FOR DELISTING DISTRIBUTION ON EX-DATE 19570801
25355	RHINELANDER PAPER CO	CHANGED DISTRIBUTION CODE TO 3723 FROM 0 FOR DELISTING DISTRIBUTION ON EX-DATE 19560723
13537	FRANCHISE GROUP INC	ADDED ZERO NAMELINE FOR PERIOD 20140716-2019114 TO REFLECT OFF-EXCHANGE TRADING

GROUP EDITS

BEGDT	ENDDT	DESC
2004	2019	REVIEWED NAICS CODE FOR ALL ETF SECURITIES AND CHANGED TO 525990 IF THEY WERE MISSING OR SET TO ZERO FROM 20040610-PRESENT. ABOUT 150 RECORDS FOR 30 PERMCOS WERE UPDATED.
1963	1983	REMOVED BID/ASK AVERAGE FOR 56 RECORDS WHERE CLOSING BID AND CLOSING ASK WERE NOT PRESENT.

OCTOBER 2019 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
70527	COMMONWEALTH MORTGAGE AMER L P	REMOVED LIQUIDATION PAYMENTS OF \$0.25 & \$0.425 ON EX-DATES 19900627 & 19900712, RESPECTIVELY
91437	FREEDOM HOLDING CORP	ADDED ZERO NAMELINES FOR THE PERIOD 20110930-20191014. TO REFLECT OFF EXCHANGE TRADING, NAME AND CUSIP CHANGE
11275	REPRO MED SYSTEMS INC	ADDED ZERO NAMELINE FOR THE PERIOD 19900605-20191016 TO REFLECT OFF EXCHANGE TRADING.
12890	THERATECHNOLOGIES INC	ADDED ZERO NAMELINE FOR THE PERIOD 20130205-20191009 TO REFLECT OFF EXCHANGE TRADING
92043	INTERACTIVE BROKERS GROUP INC	ADDED SHARE CLASS A FOR ENTIRE HISTORY
15630	AIMMUNE THERAPEUTICS INC	CHANGED ASK AND BID TO 0 ON 20190913
19705	BON AMI CO	CHANGED FACTOR TO ADJUST PRICE TO .011109 FROM 0 FOR DISTRIBUTION ON EX-DATE 19371115
51190	ORANGE COMPANY INC NEW	CHANGED CLOSING PRICE TO 0 FROM -4 ON 19750807 AND TO 0 FROM -3.9375 ON 19750818
16493	LIBERTY EXPEDIA HOLDINGS INC	CHANGED NUMBER OF TRADES TO 0 FROM 4 ON 20161107
93338	SEADRILL LTD NEW	CHANGED FACTOR TO ADJUST SHARES TO -.996265 FROM .996265 FOR DISTRIBUTION ON EX-DATE 20180703
86526	CENTRAL FEDERAL CORP	CHANGED FACTOR TO ADJUST SHARES TO -.8181819 FROM -.8181820 FOR DISTRIBUTION ON EX-DATE 20180821
14947	UNITED CIGAR STORES AMER	REMOVED TOTAL SHARES OUTSTANDING VALUE ON 19330909
92267	CORNERSTONE PROGRESSIVE RET FUND	REMOVED CASH DISTRIBUTIONS ON EX-DATES 20150713 & 20150911

SEPTEMBER 2019 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
15409	ALARM COM HOLDINGS INC	CHANGE COMPANY NAME FROM ALARMCOM HOLDINS INC TO ALARM COM HOLDINGS INC FOR ENTIRE HISTORY.
11843	ALLECO INC	CHANGED EXCHANGE CODE TO 0 FROM 3 FOR 19741224-19741226
89833	BELLUS HEALTH INC	ADDED ZERO NAMELINES FOR THE PERIOD 20081229-20190904 TO REFLECT OFF EXCHANGE TRADING AND CUSIP CHANGES.
90325	STEREOTAXIS INC	ADDED ZERO NAMELINES FOR 20160804-20190905 TO REFLECT OFF-EXCHANGE TRADING

AUGUST 2019 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
12023	B I Q I INTERNATIONAL HLDNGS COR	CHANGED END DATE FROM 20190731 TO 20190709, ADDED DELISTING INFORMATION ON 20190709, AND REMOVED HALT RECORD FROM 20190710 - 20190731
12352	CHINACACHE INTL HLDGS LTD	CHANGED END DATE FROM 20190731 TO 20190517, ADDED DELISTING INFORMATION ON 20190517, AND REMOVED HALT RECORD FROM 20190520 TO 20190731

GROUP EDITS

BEGDT	ENDDT	DESC
1988	2018	CHANGED VARIOUS CLOSING PRICE, ASKHI, BIDLO, VOLUME, ASK, BID AND OPEN PRICES FOR 35 SECURITIES FROM 1988-2018 INCLUDING FILLING IN MISSING PRICES AND REMOVING INCONSISTENT PRICES.

JULY 2019 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
89591	EATON VANCE OH MUNICIPAL BD FD	CHANGED SHARE CODE TO 44 FROM 14 FOR ENTIRE HISTORY
89593	EATON VANCE NJ MUNICIPAL BD FD	CHANGED SHARE CODE TO 44 FROM 14 FOR ENTIRE HISTORY
89596	EATON VANCE PA MUNICIPAL BD FD	CHANGED SHARE CODE TO 44 FROM 14 FOR ENTIRE HISTORY
89454	RANDGOLD RESOURCES LTD	REMOVED DELIST DISTRIBUTION ON EX-DATE 20190102
58836	NEWTEK BUSINESS SERVICES CORP	CHANGED COMPANY NAME TO NEWTEK BUSINESS SERVICES INC FROM NEWTEK BUSINESS SVCS INC FOR 20031230-20141112 AND TO NEWTEK BUSINESS SERVICES CORP FROM 20141113-PRESENT.
17130	LIBERTY LATIN AMERICA LTD	CHANGED ASKHIGH TO 19.89 FROM 629.24 AND BIDLO TO 19.88 FROM 15.00 FOR 20171229
15092	LENDINGCLUB CORP	CHANGED COMPANY NAME TO LENDINGCLUB CORP FROM LENDINGCLUB CORPORATION FOR ENTIRE HISTORY.

GROUP EDITS

BEGDT	ENDDT	DESC
20091231	20190423	ADDED ADR SHARES OUTSTANDING FOR ABOUT 79 SECURITIES DURING 20091231 - 20190423

JUNE 2019 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
18514	B RILEY PRINCIPAL MERGER CORP	ADDED SHARE CLASS A FOR ENTIRE HISTORY
18656	IDEAYA BIOSCIENCES INC	NAME CHANGE FROM I D E A Y A BIOSCIENCES INC TO IDEAYA BIOSCIENCES INC FOR ENTIRE HISTORY
18653	TIDAL E T F TRUST	CHANGED NASDAQ COMPANY NUMBER FROM 60077051 TO 60077016 FOR ENTIRE HISTORY
18355	TIDAL E T F TRUST	CHANGED NASDAQ COMPANY NUMBER FROM 60077051 TO 60077016 FOR ENTIRE HISTORY
18716	TIDAL E T F TRUST	CHANGED NASDAQ COMPANY NUMBER FROM 60077051 TO 60077016 FOR ENTIRE HISTORY
18538	TIDAL E T F TRUST	CHANGED NASDAQ COMPANY NUMBER FROM 60077051 TO 60077016 FOR ENTIRE HISTORY
18537	TIDAL E T F TRUST	CHANGED NASDAQ COMPANY NUMBER FROM 60077051 TO 60077016 FOR ENTIRE HISTORY
89182	BLACKROCK MUN 2018 TERM TR	CHANGED DISTRIBUTION CODE TO 2245 FROM 2255, FACTOR TO ADJUST PRICE AND FACTOR TO ADJUST SHARES TO 0 FROM -1 FOR DISTRIBUTION ON EX-DATE 20181214
89183	BLACKROCK NY MUN 2018 TERM TR	CHANGED DISTRIBUTION CODE TO 2245 FROM 2255, FACTOR TO ADJUST PRICE AND FACTOR TO ADJUST SHARES TO 0 FROM -1 FOR DISTRIBUTION ON EX-DATE 20181217
89184	BLACKROCK CALIF MUN 2018 TERM TR	CHANGED DISTRIBUTION CODE TO 2245 FROM 2255, FACTOR TO ADJUST PRICE AND FACTOR TO ADJUST SHARES TO 0 FROM -1 FOR DISTRIBUTION ON EX-DATE 20181217

GROUP EDITS

BEGDT	ENDDT	DESC
20110101	20181231	RESEARCHED ADR SECURITIES WITH MISSING DISTRIBUTIONS DATA. ADDED VALUES FOR 11 SECURITIES FROM 2011-2018.
1928	2008	CHANGED ASKHI, BIDLO, BID, ASK OR OPEN PRICES FOR 29 RECORDS WHERE THERE WERE LARGE DIFFERENCE IN PRICE COMPARISONS.

MAY 2019 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
17404	BARCLAYS PLC	CHANGED SHARE CODE TO 7 FROM 73 FOR ENTIRE HISTORY. REMOVED FROM SUBSCRIBER DATABASE.
17405	BARCLAYS PLC	CHANGED SHARE CODE TO 7 FROM 73 FOR ENTIRE HISTORY. REMOVED FROM SUBSCRIBER DATABASE.
17616	U B S AG	CHANGED SHARE CODE TO 7 FROM 73 FOR ENTIRE HISTORY. REMOVED FROM SUBSCRIBER DATABASE.
17617	U B S AG	CHANGED SHARE CODE TO 7 FROM 73 FOR ENTIRE HISTORY. REMOVED FROM SUBSCRIBER DATABASE.

APRIL 2019 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
16879	CLEMENTIA PHARMACEUTICALS INC	CHANGED SHARECODE TO 12 FROM 11 FOR ENTIRE HISTORY.
16568	HUNTER MARITIME ACQUISITION CORP	REMOVED HALT RECORD FOR 20190327-20190329 AND ADDED DELISTING INFORMATION ON 20190326
17797	EURODRY LTD	CHANGED SHARES OUTSTANDING TO 2254 FROM 11274 FOR 20180524-20181230 AND TO 2280 FROM 11274 FOR 20181231 TO PRESENT
12745	N G L ENERGY PARTNERS LP	COMPANY NAME CHANGE FROM N G L ENERGY PARTNERS L P TO N G L ENERGY PARTNERS LP
90682	DYADIC INTERNATIONAL INC	ADDED ZERO NAME LINE FOR PERIOD 20070424-20190416 TO REFLECT OFF EXCHANGE TRADING.
58675	PARKER DRILLING CO	ADDED ZERO NAME LINE FOR PERIOD 20181213-20190402 TO REFLECT OFF EXCHANGE TRADING.
90384	MECHEL P A O	CHANGED SHARES OUTSTANDING TO 86377 FROM 44406 FOR 20160331-20170330, 82267 FOR 20170331-20171228, TO 82267 FROM 36958 FOR 20171229-20180328, TO 70757 FROM 36958 FOR 20180329-20181230 AND TO 66840 FROM 36958 FOR 20181231-PRESENT

PERMNO	COMNAM	DESC
12680	SEQUANS COMMUNICATIONS S A	CHANGED SHARES FROM 34522 TO 34380 FOR 20120323-20130321, TO 44388 FOR 20130322-20140420, TO 58891 FOR 20140321-20150409, TO 58907 FOR 20150410-20160421, TO 59028 FOR 20160422-20170323, TO 74904 FOR 20170324-20180405 AND TO 94242 FOR 20180506-PRESENT
14936	REWALK ROBOTICS LTD	CHANGED SHARES OUTSTANDING TO 48049 FROM 35782 FOR 20181120-20181230 AND TO 89328 FROM 73094 FOR 20190225-20190331
18143	LINDE PLC	ADDED TO THE SP500 CONSTITUENT LIST (GROUP 16) FOR 20181031-PRESENT.

GROUP EDITS

BEGDT	ENDDT	DESC
2014	2019	REVIEWED SECURITIES WHERE CUSIP FIELD BEGINS WITH AN ALPHABETIC CHARACTER AND SHARE CODE DOES NOT REPRESENT FOREIGN INCORPORATION. CHANGED SHARE CODE FOR 10 SECURITIES TO REFLECT THEIR INCORPORATION OUTSIDE THE US.
20180101	20190329	RESEARCHED SHARES OUTSTANDING FOR SECURITIES WITHOUT RECENT SHARES OUTSTANDING DATA. ADDED SHARES OUTSTANDING VALUES FOR 86 SECURITIES FROM 2018-2019

MARCH 2019 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
92872	HANDY & HARMAN LTD	CHANGED NEW PERMNO TO 8532 FROM -8532 FROM DELISTING ARRAY ON 20171012
17904	TITAN MEDICAL INC	CHANGED SHARECODE TO 12 FROM 11 THROUGHOUT ENTIRE HISTORY.

FEBRUARY 2019 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
17441	EXCHANGE LISTED FUNDS TRUST	TICKER CHANGED TO JPBI FROM JBRI FOR 20181101-PRESENT
80711	APARTMENT INVESTMENT & MGMT CO	ADDED CLASS A FOR ENTIRE HISTORY
89856	WOORI FINANCIAL GROUP INC	CHANGED SHARES OUTSTANDING TO 3260 FROM 1190 FOR 20121231-20131230, TO 754 FROM 1190 FOR 20131231-20140521, TO 633 FROM 998 FOR 20140522-20141230, TO 571 FROM 998 FOR 20141231-20151230, TO 783 FROM 998 FOR 20151231-20161229, TO 779 FROM 998 FOR 20161230-20171228 AND TO 1140 FROM 998 FOR 20171229-PRESENT
15394	MAJESCO	CHANGED EXCHANGE CODE TO 2 FROM 1 AND PRIMARY EXCHANGE TO A FROM N FOR ENTIRE HISTORY
91201	INDIA GLOBALIZATION CAPITAL INC	ADDED ZERO NAME LINE FOR PERIOD 20181029-20190225 TO REFLECT OFF EXCHANGE TRADING.
17778	BERKSHIRE HATHAWAY INC DEL	ADDED BIDLO PRICES ON 19860203, 19860205, 19860206, 19860207, 19860212, 19860218, 19860219, 19860220, 19860224, 19860226 & 19860228

JANUARY 2019 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
17942	KEURIG DR PEPPER INC	REMOVED DISTRIBUTION ON EX-DATE 20180710
92618	DR PEPPER SNAPPLE GROUP INC	CHANGED DISTRIBUTION CODE TO 3225 FROM 1272, FACTOR TO ADJUST PRICE TO -1 FROM 0, FACTOR TO ADJUST SHARES TO -1 FROM 0, REMOVED DECLARE DATE, CHANGED RECORD DATE TO 20180709 FROM 20180706, PAY DATE TO 20180709 FROM 20180710 & ACQUIRING COMPANY NUMBER TO 56438 FROM 0 FOR DISTRIBUTION ON EX-DATE 20180710
18326	WEIDAI LTD	ADDED ALL DATA FOR PERMNO 18326 FROM 20181115-PRESENT
79996	MILLICOM INTL CELLULAR SA	ADDED ZERO NAME LINE FOR PERIOD 20110531-20190108 TO REFLECT OFF EXCHANGE TRADING.
89475	SANOFI	SHARES OUTSTANDING HAVE BEEN UPDATED FROM 3/31/2009 - 1/31/2019.

PERMNO	COMNAM	DESC
75269	DYNEX CAPITAL INC	CHANGED SHARES OUTSTANDING TO 55832 FROM 65644 FOR 20171229-20180227, TO 55788 FROM 55832 FOR 20180228-20180328, TO 56906 FROM 66906 FOR 20180629-20180730 AND TO 57512 FROM 66906 FOR 20180731-20180830
84788	AMAZON COM INC	SHARES OUTSTANDING EDIT TO 488969 FROM 484000 FOR 20181017-20181231.
44683	CTRIP COM INTL LTD	SHARES OUTSTANDING EDIT TO 486916 FROM 465916 FOR 20180928-20181231.

GROUP EDITS

BEGDT	ENDDT	DESC
1926	1993	CHANGE ASKHI, BIDLO OR OPENPRC FOR 30 RECORDS WHERE ASKHI > 2500 AND BIDLO < 2000

FILE VERSION SPECIFICS

This table contains version specific information for the CRSP Stock Files with data ending December 2019. It contains the number of securities and information about the maximums of the event arrays.

DATA FREQUENCY	# OF SECURITIES	MAX NAMES	MAX DIST	MAX SHARES	MAX DELISTS	MAX GROUPS	MAX NASDIN	FIRST PERMNO	LAST PERMNO
DAILY	33584	39	1538	3139	1	4	2733	10000	93436
MONTHLY	33556	39	1538	3118	1	4	2733	10000	93436

CALENDAR	DATE RANGE	DATE INDEX RANGE
DAILY TRADING CALENDAR	19251231-20191231	1-24793
MONTH-END TRADING CALENDAR	19251231-20191231	1-1129
YEAR-END TRADING CALENDAR	19251231-20201231	1-96
QUARTER-END TRADING CALENDAR	19251231-20201231	1-381
WEEKLY TRADING CALENDAR	19260102-20191231	1-4905

CRSPACCESS PRODUCT INFORMATION

To simplify installation for our subscribers, data are bundled into product groups. Information relevant to each product group is listed in the table below.

PRODUCT NAME	DATABASE	SIZE	INDEXES	PORTFOLIOS	COMPONENTS & DESCRIPTION
CRSP 1925 US STOCK AND INDEX DATABASE	FIZYYYYMM SIZYYYYMM (R/SAS/ASCII)	4.1 GB	ALL CRSP INDEXES AND PORTFOLIO ASSIGNMENTS	ALL PORTFOLIOS	DI - 1925 DAILY US STOCK & INDEX DATABASE MI - 1925 MONTHLY US STOCK & INDEX DATABASE IF - CRSP SUPPLEMENTAL US INDEXES
CRSP 1925 US STOCK	FAZYYYYMM SAZYYYYMM (R/SAS/ASCII)	3.7 GB	CRSP NYSE/ AMEX/ NASDAQ VALUE-WEIGHTED MARKET, CRSP NYSE/ AMEX/ NASDAQ EQUAL-WEIGHTED MARKET, S&P 500 COMPOSITE, NASDAQ COMPOSITE		DA - 1925 DAILY US STOCK MA - 1925 MONTHLY US STOCK IN - CRSP LIMITED US INDEXES
CRSP 1962 US STOCK	A6ZYYYYMM S6ZYYYYMM (SAS/ASCII)	3.3 GB	CRSP NYSE/ AMEX/ NASDAQ VALUE-WEIGHTED MARKET, CRSP NYSE/ AMEX/ NASDAQ EQUAL-WEIGHTED MARKET, S&P 500 COMPOSITE, NASDAQ COMPOSITE		D6 - 1962 DAILY US STOCK M6 - 1962 MONTHLY US STOCK IN - CRSP LIMITED US INDEXES
CRSP 1962 US STOCK AND INDEX DATABASE	AXZYYYYMM SXZYYYYMM (R/SAS/ASCII)	3.6 GB	SEE FIZ	ALL PORTFOLIOS	DX - 1962 DAILY US STOCK & INDEX DATABASE MX - 1962 MONTHLY US STOCK & INDEX DATABASE IF - CRSP SUPPLEMENTAL US INDEXES
CRSP 1925 US INDEXES	IFZYYYYMM SFZYYYYMM	122 MB			IF - CRSP SUPPLEMENTAL US INDEXES

PRODUCT NAME	DATABASE	SIZE	INDEXES	PORTFOLIOS	COMPONENTS & DESCRIPTION
CRSP/COMPSTAT MERGED DATABASE	CMZYYYYMM CFZYYYYMM (FULL PRODUCT) CLZYYYYMM (LINK PRODUCT) (R/SAS/ASCII)	10.37 GB			CM - COMPUSTAT DATA FORMATTED IN CRSPACCESS DATABASE
DAILY & MONTHLY TREASURIES IN CRSPSIFT	TRZYYYYMM	278 MB			TR - DATABASE FORMAT FOR USE WITH CRSPSIFT
DAILY & MONTHLY TREASURIES FILES	TFZYYYYMM	1.75 GB			TF - EXPANDED DAILY AND MONTHLY FILES IN EXCEL, SAS, AND ASCII FORMATS
MUTUAL FUND DATABASE	MFZYYYYMM	10 GB			MF - MUTUAL FUNDS
CRSP/ZIMAN DAILY & MONTHLY REIT	RAZYYYYMM	251 MB			RD - DAILY REITS RM - MONTHLY REITS

DELIVERY METHOD, INSTALLS, AND DATA FORMATS

DELIVERY

CRSP data delivery for all products is available only through the Cloud, utilizing IPSwitch's MOVEit Cloud product. (<https://crsp.moveitcloud.com>)

If you have not yet accessed your account, or need assistance, contact support@crsp.chicagobooth.edu, or call 312-263-6400, Option 2.

While DVDs are no longer available from CRSP, you are welcome to create your own once you have downloaded the data, and use as long as you have an active license to do so.

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 follow:

- All directories are extracted to lower case letters. For example: C:\crspdata\miz201308
- 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

WINDOWS 7/XP PRODUCTS:

PRODUCT LABEL	PRODUCT NAME	FILE NAME
A6Z1_YYYYMM_SLD	CRSP 1962 US STOCK	A6ZYYYYMM_CADB.ZIP
AXZ1_YYYYMM_SLD	CRSP 1962 US STOCK AND INDEX	AXZYYYYMM_CADB.ZIP
FAZ1_YYYYMM_SLD	CRSP 1925 US STOCK	FAZYYYYMM_CADB.ZIP
FIZ1_YYYYMM_SLD	CRSP 1925 US STOCK AND INDEX	FIZYYYYMM_CADB.ZIP
IFZ1_YYYYMM_SGD	CRSP 1925 INDEXES	IFZYYYYMM_CADB.ZIP

RED HAT LINUX PRODUCTS:

PRODUCT LABEL	PRODUCT NAME	FILE NAME
A6Z1_YYYYMM_SLD	CRSP 1962 US STOCK	A6ZYYYYMM_CADB.ZIP
AXZ1_YYYYMM_SLD	CRSP 1962 US STOCK AND INDEX	AXZYYYYMM_CADB.ZIP
FAZ1_YYYYMM_SLD	CRSP 1925 US STOCK	FAZYYYYMM_CADB.ZIP
FIZ1_YYYYMM_SLD	CRSP 1925 US STOCK AND INDEX	FIZYYYYMM_CADB.ZIP
IFZ1_YYYYMM_SGD	CRSP 1925 INDEXES	IFZYYYYMM_CADB.ZIP

FLAT FILE PRODUCTS:

PRODUCT NAME	FILE NAME
SAS ZIP	S*ZYYYYMM_SAS.ZIP
ASCII ZIP	S*ZYYYYMM_ASCII.ZIP
R ZIP	S*ZYYYYMM_R.ZIP

STEPS TO INSTALL:

- From the directory containing your downloaded zip file, right click (in Windows) or run File Roller (in Red Hat)
- Set the extract destination to the current higher level directory where data is normally stored and unzip will add the rest of the path (default is C:\ in Windows or /home in Red Hat)
- For example, in Windows, extracting to C:\ will install the data under C:\crspdata

Contact CRSP Client Services for assistance at: support@crsp.chicagobooth.edu or call 312-263-6400, Option 2.

SETTING ENVIRONMENT VARIABLES

The zip process will not automatically set environment variables for use with command line tools. The following steps will do so.

NOTE: CRSPSift does not use and therefore does not require environment variables.

LINUX

NOTE: The new zip installs are now saving to directories with lower case letters – for example, ~/crspdata/diz201308

Check the current state of the environment variables by entering this command: `env | grep crsp`

- If you have admin privileges on your machine, open the .profile file, and make updates to the following lines to update the paths for the new data installed:
 - `CRSP_DSTK=<full path name>/<daily stock directory>` (example: `CRSP_DSTK=~ /crspdata/diz201308`)
 - `CRSP_MSTK==<full path name>/<monthly stock directory>` (example: `CRSP_DSTK=~ /crspdata/miz201308`)
 - `CRSP_IND=<full path name>/<index directory>` (example: `CRSP_IND=~ /crspdata/ifz201308`)
- If you are using the bash shell (or any Bourne-style shell), enter the same commands above and export each one. This will make changes for your current session only and does not save to the .profile file.
- A shell script is available to make changes that can be reused for each update done. Note that this will only make changes to your current session and does not save to the .profile file.
 - Navigate to where the CUPL tools are loaded and then enter: `cd acsbin`
 - Start the script by entering: `./crsp_setup.sh`
 - The script will prompt for the following:
 - File name (will be appended with .kshrc)
 - Top level directory (this should be where CUPL tools are located (example: ~/crsp)
 - Scratch directory for error messages – name can be anything
 - Enter path for daily stock directory (example: ~/crspdata/diz201308)

- Enter path for monthly stock directory (*example: ~/crspdata/miz201308*)
- Enter path for index directory (*example: ~/crspdata/ifz201308*)
- Enter path for CCM directory – enter to leave blank
- Enter path for CST directory – enter to leave blank
- Execute script by running: `. ./<file name created above>.kshrc` (*note there is a space between the two dots*)

WINDOWS:

The CRSP Client Environment utility provides users a way to check the location of the software and to set environment variables. The utility can be started by locating it under installed programs CRSPAccess/CRSP Client Environment, or by navigating to the /accbin folder where the CUPL tools are installed and running: Client_Environment.exe (screen shot is displayed below). After making any changes, be sure to log off and back into Windows for the settings to be saved.

Note: For subscribers of the CRSP Compustat Merged database, additional CCM database environments will be displayed for the location of the Compustat data.