

# CRSP U.S. STOCK & INDEX RELEASE NOTES

MARCH 2021 QUARTERLY UPDATE

These release notes pertain to the March 2021 Quarterly release of the CRSP US Stock and Index databases, available in April 2021.

## SIFT RELEASE:

A new version of CRSPSift (version 4.3.21) will be available in early May 2021. This version of Sift removes all Flash references and has corrected Help File links. Other minor cosmetic updates are included. This release will not be a mandatory release, but is desirable in that nonfatal error messages related to Flash will be gone.

## FILE VERSION SPECIFICS

This table contains version specific information for the CRSP Stock Files with data ending March 2021. It contains the number of securities and information about the maximums of the event arrays.

DATA FREQUENCY	# OF SECURITIES	MAX NAMES	MAX DISTS	MAX SHARES	MAX DELISTS	MAX GROUPS	MAX NASDIN	FIRST PERMNO	LAST PERMNO
DAILY	34854	28	1538	4020	1	4	2846	10000	93436
MONTHLY	34826	28	1538	4020	1	4	2846	10000	93436

CALENDAR	DATE RANGE	DATE INDEX RANGE
DAILY TRADING CALENDAR	19251231-20210331	1-25107
MONTH-END TRADING CALENDAR	19251231-20210331	1-1144
YEAR-END TRADING CALENDAR	19251231-20221230	1-98
QUARTER-END TRADING CALENDAR	19251231-20221230	1-389
WEEKLY TRADING CALENDAR	19260102-20210331	1-4970

## MARCH 2021 DATA EDITS

### INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
92727	UNITED SOFTWARE INDUSTRIES INC	CHANGED COMPANY NAME TO UNITED SOFTWARE INDUSTRIES INC FROM UNITED SOFTWARE INDS INC, SHARE CODE TO 11 FROM 10 AND SIC CODE TO 4890 FROM 7372 FOR ENTIRE HISTORY
67919	ROYALTY DEVELOPMENT CORP	CHANGED SHARE CODE TO 11 FROM 10 FOR ENTIRE HISTORY
17032	NESCO HOLDINGS INC	REMOVED CLASS A FOR 20190801-PRESENT
10066	FRANKLIN TELECOMMUNICATIONS CORP	ADDED ZERO NAME LINES TO REFLECT OFF-EXCHANGE ACTIVITY FOR 20020826-20210328
79280	INTERLINK ELECTRONICS INC	ADDED ZERO NAME LINE TO REFLECT OFF-EXCHANGE ACTIVITY FOR 20190215-20210324
52231	MECHANICAL TECHNOLOGY INC	ADDED ZERO NAME LINE TO REFLECT OFF-EXCHANGE ACTIVITY FOR 20090427-20210322
76841	BIODGEN INC	REMOVED PRICES FOR 20201106 TO REFLECT HALT

## FEBRUARY 2021 DATA EDITS

### INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
15597	GENCO SHIPPING & TRADING LTD	CHANGED SHARE CODE TO 12 FROM 11 FOR ENTIRE HISTORY
86554	CHECKROBOT INC	CHANGED COMPANY NAME TO CHECKROBOT INC FROM CHECK ROBOT INC AND SHARE CODE TO 11 FROM 10 FOR ENTIRE HISTORY
10088	V R BUSINESS BROKERS INC	CHANGED COMPANY NAME TO V R BUSINESS BROKERS INC FROM V R BUSINSS BROKERS INC AND SHARE CODE TO 11 FROM 10 FOR ENTIRE HISTORY
11319	ENGLISH GREENHOUSE PRODUCTS CORP	CHANGED COMPANY NAME TO ENGLISH GREENHOUSE PRODUCTS CORP FROM ENGLISH GREENHOUSE PRODS CORP AND SHARE CODE TO 11 FROM 10 FOR ENTIRE HISTORY
86263	PRECISION TARGET MKTG INC	CHANGED COMPANY NAME TO CSI TELE MARKETING INC FROM CSI TELEMARKETING INC FOR 19850412-19861027 AND TO PRECISION TARGET MKTG INC FROM PRECISION TARGET MKTG COM FOR 19861028-19880927 AND CHANGED SHARE CODE TO 11 FROM 10 FOR ENTIRE HISTORY
85076	ACROBE AUTOMATION TECHNOLOGY INC	CHANGED COMPANY NAME TO ACROBE AUTOMATION TECHNOLOGY INC FROM ACROBE AUTOMATION TECHNOLOGY AND SHARE CODE TO 11 FROM 10 FOR ENTIRE HISTORY
75507	B C I GEONETICS INC	CHANGED SHARE CODE TO 11 FROM 10 FOR ENTIRE HISTORY
72259	SPORTS RESTAURANTS INC	CHANGED COMPANY NAME TO SPORTS RESTAURANTS INC FROM SPORTS RESTAURANT INC AND SHARE CODE TO 11 FROM 10 FOR ENTIRE HISTORY
11722	DIGITAL DIAGNOSTIC SYSTEMS INC	CHANGED COMPANY NAME TO DIGITAL DIAGNOSTIC SYSTEMS INC FROM DIGITAL DIAGNOSTIC SYS INC AND SHARE CODE TO 11 FROM 10 FOR ENTIRE HISTORY
29744	G T BIOPHARMA INC	ADDED ZERO NAME LINES TO REFLECT OFF-EXCHANGE ACTIVITY FOR 20010517-20210210
88987	WILLIAMS INDUSTRIAL SRVCS GP INC	ADDED ZERO NAME LINE TO REFLECT OFF-EXCHANGE ACTIVITY FOR 20160331-20210221
18969	VIRTUS ALLIANZGI A I & T OPP FD	CHANGED SHARE CODE FROM 11 TO 44 FOR PERIOD 20191029 - 20210131.
17526	LEGG MASON ETF INVESTMENT TR	CHANGED COMPANY NAME TO LEGG MASON ETF EQUITY TR FROM LEGG MASON ETF INVESTMENT TR FOR 20160728-20170214
17527	LEGG MASON ETF INVESTMENT TR	CHANGED COMPANY NAME TO LEGG MASON ETF EQUITY TR FROM LEGG MASON ETF INVESTMENT TR FOR 20161118-20170214
92008	FIRST TR EXCH TRD ALPHADEX FD	CHANGED COMPANY NAME TO FIRST TR EXCH TRD ALPHADEX FD FROM FIRST TRUST E T F II FOR 20070510-20160407
91278	QURATE RETAIL INC	CHANGED COMPANY NAME TO QURATE RETAIL INC Q V C GROUP FROM QURATE RETAIL INC FOR 20180525-20180528
89543	SPDR INDEX SHARES FUNDS	CHANGED COMPANY NAME TO SPDR INDEX SHARES FUNDS FROM STREETTRACKS INDEX SHARES FUND ON 20070801
89545	SPDR INDEX SHARES FUNDS	CHANGED COMPANY NAME TO SPDR INDEX SHARES FUNDS FROM STREETTRACKS INDEX SHARES FUND ON 20070801

## JANUARY 2021 DATA EDITS

### GROUP EDITS

BEGDT	ENDDT	DESC
2000	2004	REVIEWED DISTRIBUTIONS WITH PAY DATE EQUAL TO RECORD DATE FROM 2000-2004. CHANGED PAY DATES FOR OVER 300 DISTRIBUTIONS FROM 164 PERMNOs

### INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
88191	Q S C AG	CHANGED SHARE CODE TO 31 FROM 30 FOR 20000419-20011127
96472	MEGALITH FINANCIAL ACQ CORP	CHANGED TICKER TO MFAC FROM MFACU FOR 20180824-20201210

PERMNO	COMNAM	DESC
11460	H O H WATER TECHNOLOGY CORP	CHANGED SHARE CODE TO 11 FROM 10 FOR ENTIRE HISTORY
97065	H O H WATER TECHNOLOGY CORP	CHANGED SHARE CODE TO 91 FROM 90 AND COMPANY NAME TO H O H WATER TECHNOLOGY CORP FROM HOH WATER TECHNOLOGY CORP FOR ENTIRE HISTORY
85619	LA QUINTA CORP	CHANGED SIC CODE TO 6798 FROM 0 FOR 20010824-20020101
83815	DIME COMMUNITY BANCSHARES INC	CHANGED COMPANY NAME TO DIME COMMUNITY BANCSHARES INC FROM DIME COMMUNITY BANCSHARES FOR 19980615-PRESENT
16402	EXTRACTION OIL & GAS INC	ADDED ZERO NAME LINE TO REFLECT OFF-EXCHANGE ACTIVITY FOR 20200625-20210120
15294	KEMPHARM INC	ADDED ZERO NAME LINES TO REFLECT OFF-EXCHANGE ACTIVITY FOR 20200521-20210107
14987	STELLANTIS NV	CHANGED DISTRIBUTION CODE FOR EX-DATES 20190301 AND 20190502 TO 1212 AND 1272

## 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
CRSP 10	STZYYYYMM	121KB	ROLLING 10-YEAR WINDOW OF US STOCK DATA		MONTHLY DATA - ROLLING 10 YEARS
CRSP/COMPUSTAT 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](mailto: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](mailto: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_MSTK=~ /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 accbin`
  - 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.