

# CRSP U.S. STOCK & INDEX RELEASE NOTES

SEPTEMBER 2024 MONTHLY UPDATE

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These release notes pertain to the September 2024 Monthly data cut of the CRSP US Stock and Index databases, available in October 2024.

## **IMPORTANT NOTICE !**

As communicated in previous release notes, CRSP is migrating to a new back office. This requires that all subscribers migrate to using the Flat File Format 2.0 (CIZ) data files by December 2024. Until that time, subscribers who utilize Ipswitch MOVEit Transfer will continue to have access to both Flat File Format 1.0 (SIZ), as well as Legacy (FIZ) data files.

To give subscribers sufficient time to migrate to the new Flat File Format 2.0 (CIZ) of CRSP's US Stock and Stock with Indexes databases, CRSP will continue to provide the CRSPAccess files from both the legacy and new back offices through December 2024.

## **STOCK AND INDEXES DATABASE FLAT FILE FORMAT 2.0 (CIZ) UPDATE**

SIZ files generated from CRSP's new back office will continue to be available to subscribers until December 2024 at which time all subscribers must be migrated to the Stock and Indexes Database Flat File Format 2.0 (CIZ) files, which were made available in summer 2022.

Please contact your Client Services support representative at [support@crsp.org](mailto:support@crsp.org) with questions and if you have not already done so, the preferred file format for your institution: SAS, ASCII, or R. Subscribers will be provided with ASCII format by default.

## **CRSPACCESS UPDATE**

CRSP will release the CRSPAccess files from both the legacy back office and new back office through the December 2024 data cut. Beginning with the January 2025 data cut (released in February 2025), legacy CRSPAccess files are scheduled to be sunset. Please plan to migrate to the Flat File Format 2.0 (CIZ) prior to January 2025, as CIZ will be the sole source of CRSP US Stock and Index data moving forward.

## **NEW CUMULATIVE ADJUSTMENT FACTORS FILES COMING JANUARY 2025**

With the December 2024 data released in January 2025, CRSP is pleased to introduce two additional Flat File Format 2.0 (CIZ) files: Daily Cumulative Adjustment Factors (StkDlyCumulativeAdjFactor) and Monthly Cumulative Adjustment Factors (StkMthCumulativeAdjFactor).

These files will be added to the existing folders that contain C\*Z files. As is true for the current Flat File Format 2.0 (CIZ), the new files will be available in ASCII, SAS, and R formats. Details regarding the file layout can be found in the [CRSP\\_US\\_Stock\\_&\\_Indexes\\_Database\\_Guide\\_Flat\\_File\\_Format\\_2.0.pdf](#).

## **CRSPMI 2013 HISTORICAL INDEXES RESEARCH DATABASE**

CRSP's new research database was made available with the 202309 quarterly data cut released in October 2023. This product is initially being offered at no charge through October 31, 2024 to existing academic and government subscribers of both CRSP's 1925 US Stock & 1925 US Indexes Databases. Data is available quarterly, with a one month lag.

The **CRSPMI 2013 Historical Indexes** database provides day-by-day index levels, opening and closing constituents, and pro forma data from CRSP's suite of investable Market Indexes from 2013 to present day.

Please email [subscriptions@crsp.org](mailto:subscriptions@crsp.org) if your institution subscribes to or would like to subscribe to both the 1925 US Stock and 1925 US Indexes databases in order to obtain a no-charge data license agreement to access this new dataset.

**SUMMARY OF KEY DIFFERENCES BETWEEN LEGACY AND NEW BACK OFFICE**

ZIP FILE	PRODUCT NAME	LEGACY PRODUCT CODES	NEW BACK OFFICE PRODUCT CODES	PRODUCT COMPONENTS	LEGACY DIRECTORY NAME	NEW BACK OFFICE DIRECTORY NAME	FILES NOT IN THE NEW BACK OFFICE
AXZYYYYMM_CADB.ZIP	CRSP 1962 US STOCK & INDEXES DATABASE	DX	DX	CRSP 1962 DAILY US STOCK & INDEXES	DXZYYYYMM	DXZYYYYMM	CRSP_ADDR.BIN CRSP_CA_REF_2.BIN CRSP_CONFIG.BIN CRSP_FREEL.BIN CRSP_INDFL.BIN
		MX	MX	CRSP 1962 MONTHLY US STOCK & INDEXES	MXZYYYYMM	MXZYYYYMM	CRSP_ADDR.BIN CRSP_CA_REF_2.BIN CRSP_CONFIG.BIN CRSP_FREEL.BIN CRSP_INDFL.BIN
		IF	CO	CRSP 1925 US INDEX FILES	IFZYYYYMM	COZYYYYMM	REPLACES IFZYYYYMM
A6ZYYYYMM_CADB.ZIP	CRSP 1962 US STOCK DATABASE	D6	D6	CRSP 1962 DAILY US STOCK	D6ZYYYYMM	D6ZYYYYMM	CRSP_ADDR.BIN CRSP_CA_REF_2.BIN CRSP_CONFIG.BIN CRSP_FREEL.BIN CRSP_INDFL.BIN
		M6	M6	CRSP 1962 MONTHLY US STOCK	M6ZYYYYMM	M6ZYYYYMM	CRSP_ADDR.BIN CRSP_CA_REF_2.BIN CRSP_CONFIG.BIN CRSP_FREEL.BIN CRSP_INDFL.BIN
		IN	CN	CRSP LIMITED US INDEXES	INZYYYYMM	CNZYYYYMM	REPLACES INZYYYYMM
FAZYYYYMM_CADB.ZIP	CRSP 1925 US STOCK DATABASE	DA	DA	CRSP 1925 DAILY US STOCK	DAZYYYYMM	DAZYYYYMM	CRSP_ADDR.BIN CRSP_CA_REF_2.BIN CRSP_CONFIG.BIN CRSP_FREEL.BIN CRSP_INDFL.BIN
		MA	MA	CRSP 1925 MONTHLY US STOCK	MAZYYYYMM	MAZYYYYMM	CRSP_ADDR.BIN CRSP_CA_REF_2.BIN CRSP_CONFIG.BIN CRSP_FREEL.BIN CRSP_INDFL.BIN
		IN	CN	CRSP LIMITED US INDEXES	INZYYYYMM	CNZYYYYMM	REPLACES INZYYYYMM
FIZYYYYMM_CADB.ZIP	CRSP 1925 US STOCK & INDEXES DATABASE	DI	DI	CRSP 1925 DAILY US STOCK & INDEXES	DIZYYYYMM	DIZYYYYMM	CRSP_ADDR.BIN CRSP_CA_REF_2.BIN CRSP_CONFIG.BIN CRSP_FREEL.BIN CRSP_INDFL.BIN
		MI	MI	CRSP 1925 MONTHLY US STOCK & INDEXES	MIZYYYYMM	MIZYYYYMM	CRSP_ADDR.BIN CRSP_CA_REF_2.BIN CRSP_CONFIG.BIN CRSP_FREEL.BIN CRSP_INDFL.BIN
		IF	CO	CRSP 1925 US INDEX FILES	IFZYYYYMM	COZYYYYMM	REPLACES IFZYYYYMM
IFZYYYYMM.ZIP	CRSP 1925 US INDEX FILES			IFZYYYYMM HAS BEEN REPLACED BY COZYYYYMM			

Please note that the legacy files contain the .sas, .dat, and .xlsx file formats, whereas the new back office files contain only the .dat formats.

The tables below contain the subset of the IFZ files and illustrate these format differences.

#### DIFFERENCES BETWEEN IFZ AND COZ

IFZ	COZ
acti.dat	cselect5yr.dat
acti.sas7bdat	cselect20yr.dat
acti.xlsx	cselect90d.dat
asia.dat	IndDlySeriesData.dat
asia.sas7bdat	IndFamilyInfoHdr.dat
asia.xlsx	IndissRebalanceSummary.dat
asib.dat	IndMthSeriesData.cat
asib.sas7bdat	IndSecRebalanceSummary.dat
asib.xlsx	IndSeriesinfoHdr.dat
asic.dat	MetaCalendarPeriod.dat
asic.sas7bdat	MetaColumnCoverage.dat
asic.xlsx	MetaColumnInfo.dat
asio.dat	MetaExchangeCalendar.dat
asio.sas7bdat	MetaFileInfo.dat
asio.xlsx	MetaFlagCoverage.dat
asix.dat	MetaFlaginfo.dat
asix.sas7bdat	MetaFlagType.dat
asix.xlsx	MetaIteminfo.dat
cselect5yr.dat	MetaSIZtoCIZ.dat
cselect20yr.dat	
cselect90d.dat	
dsbc.dat	
dsbc.sas7bdat	

#### DIFFERENCES BETWEEN INZ AND CNZ

INZ	CNZ
dsiy.dat	cselect5yr.dat
dsiy.sas7bdat	cselect20yr.dat
dsiy.xlsx	cselect90d.dat
msiy.dat	IndDlySeriesData.dat
msiy.sas7bdat	IndFamilyInfoHdr.dat
msiy.xlsx	IndMthSeriesData.dat
	IndSeriesInfoHdr.dat
	MetaCalendarPeriod.dat
	MetaColumnCoverage.dat
	MetaColumnInfo.dat
	MetaExchangeCalendar.dat
	MetaFileInfo.dat
	MetaFlagCoverage.dat
	MetaFlagInfo.dat
	MetaFlagType.dat
	MetaItemInfo.dat
	MetaSIZtoCIZ.dat
	MetaItemInfo.dat
	MetaSIZtoCIZ.dat

## FILE VERSION SPECIFICS

This table contains version specific information for the CRSP Stock Files with data ending September 2024. 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	38520	28	1538	4890	1	4	3027	10000	93436
MONTHLY	38549	28	1538	4890	1	4	3027	10000	93436

CALENDAR	DATE RANGE	DATE INDEX RANGE
DAILY TRADING CALENDAR	19251231-20240930	1-25987
MONTH-END TRADING CALENDAR	19251231-20240930	1-1186
YEAR-END TRADING CALENDAR	19251231-20251231	1-101
QUARTER-END TRADING CALENDAR	19251231-20251231	1-401
WEEKLY TRADING CALENDAR	19260102-20240930	1-5153

## SEPTEMBER 2024 DATA EDITS

### INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
19069	FANGDD NETWORK GROUP LTD	CHANGED NASDAQ ISSUE IDENTIFIER TO 99995084 FROM 80967 FOR ENTIRE HISTORY
22864	SPDR INDEX SHARES FUNDS	CHANGED PERMCO TO 43629 FROM 55780 FOR ENTIRE HISTORY
22863	SPDR INDEX SHARES FUNDS	CHANGED PERMCO TO 43629 FROM 55780 FOR ENTIRE HISTORY
16447	SPDR INDEX SHARES FUNDS	CHANGED PERMCO TO 43629 FROM 55780 FOR ENTIRE HISTORY
16446	SPDR INDEX SHARES FUNDS	CHANGED PERMCO TO 43629 FROM 55780 FOR ENTIRE HISTORY
92309	MAIN STREET CAPITAL CORP	CHANGED DISTRIBUTION CODE TO 1272 FROM 1222 ON EX-DATE 20240621
23170	AURA F A T PROJECTIONS ACQ CORP	CHANGED END DATE TO 20240719 FROM 20240830, REMOVED HALT RECORD FROM 20240719-20240830 AND ADDED 584 DELIST CODE ON 20240719
7423	AURA F A T PROJECTIONS ACQ CORP	CHANGED END DATE TO 20240719 FROM 20240830, REMOVED HALT RECORD FROM 20240719-20240830 AND ADDED 584 DELIST CODE ON 20240719

## 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	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.org](mailto:support@crsp.org), 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: <https://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

### 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

### 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 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.