

CRSP U.S. STOCK & INDEX RELEASE NOTES

DECEMBER 2024 ANNUAL UPDATE

These release notes pertain to the December 2024 Annual data cut of the CRSP US Stock and Index databases, available in January 2025.

CRSP10 ENHANCEMENTS

CRSP is pleased to introduce an enhanced CRSP10 product that contains fields that are equivalent to the CRSP10 SIZ file. Details regarding the new file layout can be found in the [CRSP10_Year_US_Stock_Database_Guide.pdf](#).

CRSP10 offers a variation of CRSP's US Stock Databases primarily for use in the classroom or workshops. CRSP10 holds 10 years of monthly history for active and inactive securities. The full dataset, delivered in a single Excel workbook, contains the time series and event history for which CRSP is renowned. All existing stock database subscribers are entitled to access this database.

The database released in January 2025 includes both the SIZ and the CIZ versions of the CRSP10 Product. In the January 2026 release, only the CIZ version will be included.

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 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. 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 for more information.

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

		DI	DI	CRSP 1925 DAILY US STOCK & INDEXES	DIZYYYYMM	DIZYYYYMM	CRSP_ADDRS.BIN CRSP_CA_REF_2.BIN CRSP_CONFIG.BIN CRSP_FREEL.BIN CRSP_INDFL.BIN
FIZYYYYMM_CADB.ZIP	CRSP 1925 US STOCK & INDEXES DATABASE	MI	MI	CRSP 1925 MONTHLY US STOCK & INDEXES	MIZYYYYMM	MIZYYYYMM	CRSP_ADDRS.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	Metalteminfo.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
	Metalteminfo.dat
	MetaSIZtoCIZ.dat
	Metalteminfo.dat
	MetaSIZtoCIZ.dat

FILE VERSION SPECIFICS

This table contains version specific information for the CRSP Stock Files with data ending December 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	38843	28	1538	4951	1	4	3057	10000	93436
MONTHLY	38872	28	1538	4951	1	4	3057	10000	93436

CALENDAR	DATE RANGE	DATE INDEX RANGE
DAILY TRADING CALENDAR	19251231-20241231	1-26051
MONTH-END TRADING CALENDAR	19251231-20241231	1-1189
YEAR-END TRADING CALENDAR	19251231-20251231	1-101
QUARTER-END TRADING CALENDAR	19251231-20251231	1-401
WEEKLY TRADING CALENDAR	19260102-20241231	1-5166

DECEMBER 2024 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
81900	SUN INTERNATIONAL HOTELS LTD	ADDED CLASS B FOR ENTIRE HISTORY
78648	I B S TECHNOLOGIES LTD	CHANGED SHARE CODE TO 92 FROM 12 FOR ENTIRE HISTORY. REMOVED FROM SUBSCRIBER DATABASE
79319	SONIC ENVIRONMENTAL SYS INC	CHANGED SHARE CODE TO 91 FROM 71 FOR ENTIRE HISTORY. REMOVED FROM SUBSCRIBER DATABASE
83115	BOATMENS BANCSHARES INC	CHANGED SHARE CODE TO 89 FROM 11 FOR ENTIRE HISTORY. REMOVED FROM SUBSCRIBER DATABASE
25315	PEARL DIVER CREDIT CO INC	CHANGED COMPANY NAME TO PEARL DIVER CREDIT CO INC FROM PEARL DIVER CREDIT COMPANY INC FOR ENTIRE HISTORY
79644	COCA COLA FEMSA S A B DE C V	CHANGED DISTRIBUTION CODE TO 1232 FROM 1242 ON EX-DATES 20240412, 20240715 & 20241011
22530	BIONOMICS LTD	CHANGED NASDAQ ISSUE NUMBER TO 99995085 FROM 86794 FOR ENTIRE HISTORY
90899	GENETIC TECHNOLOGIES LTD	REMOVED HALT RECORD FROM 20241017-PRESENT AND ADDED DELIST CODE 584 ON 20241016
21879	SEQLL INC	ADDED ZERO NAMELINES FOR 20231114-20241210 TO REFLECT OFF-EXCHANGE ACTIVITY
13939	POWER SOLUTIONS INTL INC	ADDED ZERO NAMELINE FOR 20170419-20241225 TO REFLECT OFF-EXCHANGE ACTIVITY

NOVEMBER 2024 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
25437	CURBLINE PROPERTIES CORP	CHANGED TICKER TO CURB FROM CUR FOR THE PERIOD 20240926-20240930.
76883	ATRIX INTERNATIONAL INC	ADDED DECLARATION DATE 19971216 TO DISTRIBUTION WITH EX-DATE 19971216
82156	WINDTREE THERAPEUTICS INC	ADDED DECLARATION DATE 19971201 TO DISTRIBUTION WITH EX-DATE 19971201
12799	NEBIUS GROUP N V	CHANGED EXCHANGE CODE TO 3 FROM -1 AND TRADING STATUS TO A FROM S FOR 20241021-PRESENT
14093	BAIYU HOLDINGS INC	CHANGED EXCHANGE CODE TO 3 FROM -1 AND TRADING STATUS TO A FROM S FOR 20241009-PRESENT

PERMNO	COMNAM	DESC
23784	CHANSON INTERNATIONAL HOLDING	CHANGED EXCHANGE CODE TO 3 FROM -1 AND TRADING STATUS TO A FROM S ON 20241007
25600	PIMCO E T F TRUST	CHANGED NASDAQ ORGANIZATION IDENTIFIER TO 60068695 FROM 60081289 FOR ENTIRE HISTORY
91617	GRUPO AEROPORTUARIO DEL CENTRO	CHANGED DISTRIBUTION CODE FROM 1232 TO 1242 FOR EX DATE 20240521
77860	ABRDN JAPAN EQUITY FUND INC	CHANGED DISTRIBUTION CODES TO 1232 FOR EX DATES 20230518, 20230823, 20240221, 20240522, 20240823
22094	ADVISORS INNER CIRCLE FUND III	CHANGED PERMCO TO 57562 FROM 58785 FOR ENTIRE HISTORY
22434	ADVISORS INNER CIRCLE FUND III	CHANGED PERMCO TO 57562 FROM 58785 FOR ENTIRE HISTORY
22435	ADVISORS INNER CIRCLE FUND III	CHANGED PERMCO TO 57562 FROM 58785 FOR ENTIRE HISTORY
22695	ADVISORS INNER CIRCLE FUND III	CHANGED PERMCO TO 57562 FROM 58785 FOR ENTIRE HISTORY
24974	ADVISORS INNER CIRCLE FUND III	CHANGED PERMCO TO 57562 FROM 58785 FOR ENTIRE HISTORY
22696	ADVISORS INNER CIRCLE FUND III	CHANGED PERMCO TO 57562 FROM 58785 FOR ENTIRE HISTORY
24973	ADVISORS INNER CIRCLE FUND III	CHANGED PERMCO TO 57562 FROM 58785 FOR ENTIRE HISTORY
21948	NOVA VISION ACQUISITION CORP	REMOVED HALT RECORD FOR 20240916-20231031, CHANGED DELIST DATE TO 20240913 AND ADDED DELISTING DISTRIBUTIONS ON EX-DATE 20240916
92218	T S S INC	ADDED ZERO NAMELINES FOR 20100401-20241113 TO REFLECT OFF-EXCHANGE ACTIVITY
22535	COMPASS DIGITAL ACQ CORP	ADDED NEXT DATE OF 20241108 AND NEXT PRICE OF \$10.51 TO DELIST ARRAY ON 20241021
88683	WIPRO LTD	CHANGED DIST CODE FROM 1242 TO 1252, DIV AMOUNT FROM 0.01204 TO 0.01203, PAY DATE FROM 20240124 TO 20240215, FOR DIST AT EX DATE 20240123

OCTOBER 2024 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
50041	LOGOS SCIENTIFIC INC	CHANGED SIC CODE TO 3840 FROM 5063 FOR FULL HISTORY
11995	COCA COLA CONSOLIDATED INC	CHANGED RECORD DATE TO 20240426 FROM 20260426 ON EX-DATE 20240425
89812	GRANITE REAL ESTATE INVT TRUST	CHANGED DISTRIBUTION CODE TO 1322 FROM 1222 FOR ALL DISTRIBUTIONS WITH EX-DATES FROM 20130129-20240927
25388	TIDAL TRUST II	CHANGED PERMCO TO 59396 FROM 59961 FOR FULL HISTORY
25389	TIDAL TRUST II	CHANGED PERMCO TO 59396 FROM 59961 FOR FULL HISTORY
25545	TIDAL TRUST II	CHANGED PERMCO TO 59396 FROM 59961 FOR FULL HISTORY
76883	ATRIX INTERNATIONAL INC	REMOVED DECLARATION DATE FROM DISTRIBUTION ON EX-DATE 19971216
82156	WINDTREE THERAPEUTICS INC	REMOVED DECLARATION DATE FROM DISTRIBUTION ON EX-DATE 19971201
68566	MESA INC	REMOVED DECLARATION DATE FROM DISTRIBUTION ON EX-DATE 19920102
64848	ALAMCO INC	CHANGED RECORD DATE TO 19891218 FROM 19891215 FOR DISTRIBUTION ON EX-DATE 19891218
49322	AMERICAN REALTY INVESTORS INC	CHANGED RECORD DATE TO 19890918 FROM 19890915 AND PAYMENT DATE TO 19890918 FROM 19890915 FOR DISTRIBUTION ON EX-DATE 19890918
63909	BELTRAN CORP	CHANGED RECORD DATE TO 19820621 FROM 19820618 FOR DISTRIBUTION ON EX-DATE 19820621
20386	MASONITE CORP	CHANGED RECORD DATE TO 19820830 FROM 19820820 AND PAYMENT DATE TO 19820830 FROM 19820827 FOR DISTRIBUTION ON EX-DATE 19820830
26366	U S M CORP	CHANGED RECORD DATE TO 19710202 FROM 19710205 AND PAYMENT DATE TO 19710202 FROM 19710210 FOR DISTRIBUTION ON EX-DATE 19710202

PERMNO	COMNAM	DESC
16794	NATIONAL ENERGY SVCS REUNIT CORP	ADDED ZERO NAMELINE FOR 20230428-20241021 TO REFLECT OFF-EXCHANGE ACTIVITY
14686	DIGITALBRIDGE GROUP INC	CHANGED SIC CODE TO 6789 AND NAICS CODE TO 525930 FOR 20170111-PRESENT
31310	E TRON CORP	CHANGED SIC CODE TO 3620 FROM 3674 FOR FULL HISTORY
41399	HEALTHWATCH INC	CHANGED SIC CODE TO 3840 FROM 8080 FOR 19911030-19911031
43290	CYPRESS BIOSCIENCE INC	CHANGED SIC CODE TO 3820 FROM 8071 FOR 19840111-19860331
18103	BIOSIG TECHNOLOGIES INC	ADDED ZERO NAMELINE FOR 20240612-20241022 TO REFLECT OFF-EXCHANGE ACTIVITY

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

AUGUST 2024 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
14607	FUNDAMENTAL GLOBAL INC	ADDED NAMELINE 20240301-CURRENT WITH NEW COMPANY NAME FUNDAMENTAL GLOBAL INC.
24720	TIDAL TRUST II	CHANGED DISTRIBUTION CODE TO 2255 FROM 3215 ON EX-DATE 20240729
19786	NATIXIS E T F TRUST II	CHANGED DISTRIBUTION CODE TO 1242 FROM 1212 ON EX-DATES 20201223 & 20210408 AND TO 1242 FROM 1252 ON EX-DATES 20221227, 20231222 & 20240405
19229	CRESCENT CAPITAL B D C INC	CHANGED DISTRIBUTION CODE TO 1232 FROM 1222 ON EX-DATE 20240327
77165	SANFILIPPO JOHN B & SON	CHANGED DISTRIBUTION CODE TO 1252 FROM 1232 ON EX-DATE 20230821
93436	TESLA INC	ADDED DECLARATION DATE OF 20220805 ON EX-DATE 20220825
19920	NUBURU INC	ADDED ZERO NAMELINE AND CUSIP CHANGE FOR PERIOD 20240614-20240801.
14051	SCORPIUS HOLDINGS INC	ADDED ZERO NAMELINE AND CUSIP CHANGE FOR PERIOD 20240617-20240801.

JULY 2024 DATA EDITS

In the July 2024 iteration of CIZ, we updated the calculation for the CRSP Portfolio S&P 500 indexes (1000510 Value-Weighted, 1000511 Equal-Weighted) to agree with our published portfolio methodology. Previously, these portfolio indexes were not using delisting returns as an input for the index creation. This has been modified and the resulting indexes are using delisting return. The net effect is different index levels for entire history and increased used counts on days when delisting return data was added. Changes to overall index levels are minimal, with the average arithmetic difference in daily index returns less than 0.1 bps and the largest single day difference less than 5 bps.

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
17379	META DATA LTD	ADDED CLASS A FOR FULL HISTORY
13941	QIWI PLC	REMOVED HALT RECORD FOR 20220228-PRESENT AND ADDED DELIST ARRAY ON 20220225
22274	ADVANCED HEALTH INTELLIGENCE LTD	REMOVED HALT RECORD FOR 20240201-PRESENT AND ADDED DELIST ARRAY ON 20240131
91301	NEXPOINT DIVERSIFIED REAL ES TR	CHANGED SHARE CODE TO 48 FROM 44 AND SIC CODE TO 6798 FROM 6722 FOR 20211108-PRESENT
13700	WHEELER REAL ESTATE INV TR INC	CHANGED CUSIP TO 96302587 FROM 96302586 FOR 20240620-20240627
22640	CANNA GLOBAL ACQUISITION CORP	REMOVED HALT RECORD ON 20240628 AND ADDED DELIST INFO ON 20240627

JUNE 2024 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
12697	FIRSTHAND TECHNOLOGY VAL FD INC	CHANGED SHARES OUTSTANDING TO 6893 FROM 7302 FOR 20220301-20221229
23116	OKYO PHARMA LTD	CHANGED END DATE TO 20230519, CHANGED NASDAQ ISSUE IDENTIFIER TO 99995078 FROM 84612 AND ADDED DELISTING DATA
23943	OKYO PHARMA LTD NEW	ADDED PERMNO 23943 FOR 20230522-PRESENT
20665	ALLIANCE ENTERTAINMENT HLDG CORP	ADDED ZERO NAME LINES TO REFLECT OFF EXCHANGE ACTIVITY FOR 20230211-20230629
19833	CALCIMEDICA INC	ADDED ZERO NAME LINES TO REFLECT OFF EXCHANGE ACTIVITY FOR 20230330-20230613
17901	LOTTERY COM INC	ADDED ZERO NAME LINES TO REFLECT OFF EXCHANGE ACTIVITY FOR 20230526-20230614
18655	HEADHUNTER GROUP PLC	REMOVED HALT RECORD FROM 20220228-20230531 AND UPDATED ENDDT TO 20220225
20162	OZON HOLDINGS PLC	REMOVED HALT RECORD FROM 20220228-20230531 AND UPDATED ENDDT TO 20220225
14565	F S K K R CAPITAL CORP	CHANGED DISTRIBUTION CODE TO 1272 FROM 1232 ON EX-DATE 20230516
46463	GRIFFON CORP	CHANGED DISTRIBUTION CODE TO 1272 FROM 1232 ON EX-DATE 20230508
32707	HELMERICH & PAYNE INC	CHANGED DIVIDEND AMOUNT TO \$0.25 FROM \$0.485 AND ADDED SPECIAL DIVIDEND OF \$0.235 ON EX-DATE 20230517
90731	HERCULES CAPITAL INC	CHANGED DIVIDEND AMOUNT TO \$0.39 FROM \$0.47 AND ADDED SPECIAL DIVIDEND OF \$0.08 ON EX-DATE 20230515
18807	OWL ROCK CAPITAL CORP	CHANGED DISTRIBUTION CODE TO 1272 FROM 1232 ON EX-DATE 20230530
14520	SIXTH ST SPECIALTY LENDING INC	CHANGED DISTRIBUTION CODE TO 1272 FROM 1232 ON EX-DATE 20230530
83155	OHIO VALLEY BANC CORP	CHANGED DISTRIBUTION CODE TO 1272 FROM 1232 ON EX-DATE 20230526
22237	RUNWAY GROWTH FINANCE CORP	CHANGED DIVIDEND AMOUNT TO \$0.40 FROM \$0.45 AND ADDED SPECIAL DIVIDEND OF \$0.05 ON EX-DATE 20230512

PERMNO	COMNAM	DESC
32707	HELMERICH & PAYNE INC	CHANGED DIVIDEND AMOUNT TO \$0.25 FROM \$0.485 AND ADDED SPECIAL DIVIDEND OF \$0.235 ON EX-DATE 20221114

MAY 2023 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
14573	LA QUINTA HOLDINGS INC	REMOVED REVERSE SPLIT ON EX-DATE 20180530, CHANGED EX-DATE TO 20180531 FROM 20180530 AND DIVIDEND AMOUNT TO \$13.945 FROM \$12.5625 FOR SPIN-OFF AND DIVIDEND AMOUNT TO \$8.40 FROM \$16.80 FOR CASH PAYMENT ON EX-DATE 20180531

GROUP EDITS

BEGDT	ENDDT	DESC
2015	2023	REVIEWED SECURITIES WITH DIFFERENT NAME DATES AND REVERSE SPLIT DATES. CHANGES WERE MADE TO HAVE CONSISTENCY AMONG THE NAME DATES AND REVERSE SPLIT DATES FOR 9 SECURITIES FOR DATE RANGES COVERING 2015-2023.

APRIL 2023 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
76082	COTERRA ENERGY INC	CHANGED DIVAMT TO \$0.15 FROM \$0.20 FOR EX-DATE 20220812 AND ADDED SPECIAL DIVIDEND AMOUNT OF \$0.50 FOR EX-DATE 20220812; CHANGED DIVAMT TO \$0.20 FROM \$0.57 FOR EX-DATE 20230315 AND ADDED SPECIAL DIVIDEND AMOUNT OF \$0.37 FOR EX-DATE 20230315
14247	F T D COMPANIES INC	CHANGED SIC CODE TO 5992 FROM 9999 AND ADDED NAICS CODE 453110 FOR ENTIRE HISTORY
14929	FOAMIX PHARMACEUTICALS LTD	CHANGED SIC CODE TO 8731 FROM 9999 AND ADDED NAICS CODE 541715 FOR ENTIRE HISTORY
21968	PEAK FINTECH GROUP INC	CHANGED SIC CODE TO 6799 FROM 9999 AND ADDED NAICS CODE 523910 FOR ENTIRE HISTORY
23057	SWVL HOLDINGS CORP	CHANGES SHARES OUTSTANDING TO 118883 FROM 34500 FOR 20220401-20220629
21755	ARIES I ACQUISITION CORP	CHANGED END DATE TO 20230321 FROM 20230331 AND DELIST CODE TO 450 FROM 100.
12961	PINGTAN MARINE ENTERPRISE LTD	REMOVED PRC, ASKHI, BIDLO, BID, ASK, OPEN & VOL FROM PRICE ARRAY ON 20221221
14590	AGROFRESH SOLUTIONS INC	CHANGED ENDDT TO 20230330 FROM 20230331, CHANGED DELIST CODE TO 233, AND INCLUDED DISTRIBUTION CODE OF 3225 AND DISTRIBUTION AMOUNT OF \$3.
19833	CALCIMEDICA INC	CHANGED ENDDT TO 20230329 FROM 20230331, AND CHANGED DELIST CODE TO 584.

GROUP EDITS

BEGDT	ENDDT	DESC
2006	2023	CHANGED 'ACQUISITION' TO 'ACQ' FOR 5 SECURITIES FOR DATE RANGES COVERING 2006-2023.
1982	1997	REVIEWED SECURITIES WITH THE SAME PERMCO WHERE SIC CODE INCONSISTENCIES EXISTED. CHANGES WERE MADE TO HAVE CONSISTENCY ON A COMPANY LEVEL FOR 21 SECURITIES FOR DATE RANGES COVERING 1982-1997.

MARCH 2024 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
22508	S D C L EDGE ACQUISITION CORP	CHANGED COMPANY NAME TO S D C L EDGE ACQUISITION CORP FROM S D L C EDGE ACQUISITION CORP FOR ENTIRE HISTORY
12355	HORIZON TECHNOLOGY FINANCE CORP	CHANGED SIC CODE TO 6726 FROM 9999 FOR ENTIRE HISTORY

PERMNO	COMNAM	DESC
90291	PROSPECT CAPITAL CORP	CHANGED SIC CODE TO 6159 FROM 6211 FOR 20040817-20060629 AND TO 6726 FROM 6211 FOR 20060630-PRESENT
93357	FIRST EAGLE ALT CAP BDC INC	CHANGED SIC CODE TO 8742 FROM 9999 FOR 20100422-20190828, TO 6726 FROM 9999 FOR 20190829-20200802 AND TO 6282 FROM 9999 FOR 20200803-PRESENT
20960	PIVOTAL INVESTMENT CORP III	ADDED NEXT DATE OF 20230301 AND NEXT PRICE OF \$9.96 TO DELISTING ARRAY ON 20230209
76118	NEW IRELAND FUND INC	UPDATED DELIST CODE TO 450 FROM 470, ADDED DISTRIBUTION CODE OF 2255 AND LIQUIDATION AMOUNT OF \$10.43 ON EX-DATE 20230228
22400	CIAN PLC	CHANGED END DATE TO 20220225 FROM 20230228 AND DELIST CODE TO 584 FROM 100
92309	MAIN STREET CAPITAL CORP	CHANGED DISTRIBUTION CODE TO 1272 FROM 1222 FOR EX-DATES 1/2/13, 7/18/13, 12/17/13, 6/18/14, 12/16/14, 6/16/15, 12/15/15, 6/16/16, 12/14/16, 6/15/17, 12/18/17, 6/18/18, 12/17/18, 6/17/19, 12/21/21, 3/21/22, 6/21/22, 9/19/22, AND 12/19/22
90731	HERCULES CAPITAL INC	SPLIT DISTRIBUTION INTO DIST CODES TO 1272 AND 1232 FOR THE FOLLOWING EX-DATES: 5/10/19, 8/9/19, 11/7/19, 2/28/20, 11/6/20, 3/5/21, 5/11/21, 8/10/21, 11/9/21, 3/8/22, 5/16/22, 8/8/22 AND 11/9/22.

FEBRUARY 2023 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
91859	GAFISA S A	ADDED NEXT DATE OF 20181218 AND NEXT PRICE OF \$69.75 TO DELIST ARRAY ON 20181214
91135	BAYTEX ENERGY CORP	ADDED ZERO NAME LINE TO REFLECT OFF-EXCHANGE ACTIVITY FOR 20201204-20230222
17743	BERKLEY W R CORP	CHANGED DISTRIBUTION CODE TO 1272 FROM 1232 ON EX-DATE 20230112
77379	FIRST FINANCIAL CORP IN	CHANGED DIVIDEND AMOUNT TO \$0.54 FROM \$0.74 ON EX-DATE 20230105 AND ADDED SPECIAL DIVIDEND OF \$0.20 ON 20230105
87394	IMMERSION CORP	CHANGED DISTRIBUTION CODE TO 1232 FROM 1212 ON EX-DATE 20230112
78981	LANDSTAR SYSTEM INC	CHANGED DISTRIBUTION CODE TO 1272 FROM 1232 ON EX-DATE 20230105
87505	NATIONAL BANKSHARES INC	CHANGED DISTRIBUTION CODE TO 1272 FROM 1242 ON EX-DATE 20230120
22879	EMBECTA CORP	CHANGED DISTRIBUTION CODE TO 1232 FROM 1212 ON EX-DATE 20220825 AND TO 1232 FROM 1242 ON EX-DATE 20221229
77860	ABRDN JAPAN EQUITY FUND INC	CHANGED DISTRIBUTION CODE TO 1232 FROM 1262 ON EX-DATES 20220323 & 20220823
79229	PUTNAM MUNICIPAL OPPTY TR	CHANGED DISTRIBUTION CODE TO 1223 FROM 1222 FOR ALL DISTRIBUTIONS WITH EX-DATES BETWEEN 20210121 AND 20230123
23330	R B B FUND INC	CHANGED DISTRIBUTION CODE TO 1222 FROM 1212 ON EX-DATE 20221003, ADDED \$0.073351 DIVIDEND ON 20221101 AND CHANGED DISTRIBUTION CODE TO 1212 FROM 1222 ON EX-DATES 20221116 & 20221216
23521	R B B FUND INC	CHANGED DISTRIBUTION CODE TO 1222 FROM 1262 ON EX-DATE 20221228
23339	R B B FUND INC	CHANGED DISTRIBUTION CODE TO 1222 FROM 1262 ON EX-DATE 20221228 AND TO 1222 FROM 1212 ON EX-DATE 20221003
23338	R B B FUND INC	CHANGED DISTRIBUTION CODE TO 1222 FROM 1212 ON EX-DATES 20221003 & 20221101, TO 1222 FROM 1232 ON EX-DATE 20221201 AND TO 1222 FROM 1262 ON EX-DATE 20221228
15304	MERCURITY FINTECH HOLDING INC	CHANGED NASDAQ ISSUE IDENTIFIER TO 99995077 FROM 75825 FOR ENTIRE HISTORY

GROUP EDITS

BEGDT	ENDDT	DESC
1988	2022	UPDATED/FORMATTED APPROXIMATELY 45 SPAC NAMES FROM 1988-2022.

JANUARY 2023 DATA EDITS

INDIVIDUAL EDITS

PERMNO	COMNAM	DESC
91934	VANECK E T F TRUST	REMOVED HALT RECORD FROM 20220307-20221230 AND ADDED DELIST CODE 470 ON 20220304
12665	VANECK E T F TRUST	REMOVED HALT RECORD FROM 20220307-20221230 AND ADDED DELIST CODE 470 ON 20220304
23215	LISTED FUNDS TRUST	CHANGED PERMCO TO 56315 FROM 59331 FOR ENTIRE HISTORY
23292	LISTED FUNDS TRUST	CHANGED PERMCO TO 56315 FROM 59331 FOR ENTIRE HISTORY
23589	LISTED FUNDS TRUST	CHANGED PERMCO TO 56315 FROM 59331 FOR ENTIRE HISTORY
23590	LISTED FUNDS TRUST	CHANGED PERMCO TO 56315 FROM 59331 FOR ENTIRE HISTORY
16780	CARLYLE SECURED LENDING INC	CHANGED SHARE CODE TO 14 FROM 11 FOR ENTIRE HISTORY
18222	BAIN CAPITAL SPECIALTY FIN INC	CHANGED SHARE CODE TO 14 FROM 11 FOR ENTIRE HISTORY
18798	EAGLE POINT INCOME CO INC	CHANGED SHARE CODE TO 14 FROM 11 FOR ENTIRE HISTORY
21227	NEUBERGER BERMAN NEXT GEN CON FD	CHANGED SHARE CODE TO 14 FROM 11 FOR ENTIRE HISTORY

GROUP EDITS

BEGDT	ENDDT	DESC
1980	2022	REVIEWED ALL SECURITIES WITH THE SAME PERMCO WHERE COMPANY NAME INCONSISTENCIES EXISTED. CHANGES WERE MADE TO HAVE CONSISTENCY ON A COMPANY LEVEL FOR OVER 84 SECURITIES FOR DATE RANGES COVERING 1980-2022

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, 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 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 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.