

These release notes pertain to the March 2014 month-end release of the CRSP US Stock and Index databases, shipped in April.

MARCH 2014 DATA EDITS

IMPROVEMENT IN TOTAL VALUE (TOTVAL) CALCULATION

A change has been made to fix a bug with the TOTVAL calculation used in CRSP Historical Indexes. In previous iterations, incorrect shares values were used in the calculation of TOTVAL in 29 cases. USDVAL was calculated correctly in all cases so those values have not changed.

VOLUME PRECISION

Our price vendor has changed the way it delivers its volume data. Beginning with this shipment of the March 2014 data, volumes will represent total number of shares traded with no rounding to the nearest 100.

INDIVIDUAL EDITS

PERMNO	COMPANY NAME	DESCRIPTION	BEGDT	ENDDT
15254	ENSERVCO CORP	Added zero name lines to reflect off-exchange activities for 19920617-20140310.	6/17/1992	3/10/2014
75754	ISSUER DIRECT CORP	Added zero name lines to reflect off-exchange activities for 19990614-20140311.	6/14/1999	3/11/2014
78062	ZOLTEK COMPANIES INC	Removed all data from 20140228, added delist date of 20140227 with delist code of 233 and added delisting distribution on ex-date 20140228	2/27/2014	2/28/2014
76038	BIOLIFE SOLUTIONS INC	Added zero namelines to reflect off-exchange activities for 19981203-20140325.	12/3/1998	3/25/2014
78179	M R V COMMUNICATIONS INC	Added zero name lines to reflect off-exchange activities for 20090617-20140318.	6/17/2009	3/18/2014
92126	L D K SOLAR CO LTD	Removed halt record from 20140224-20140228 and added delisting date of 20140221 with delist code of 551, next date of 20140331 and next price of \$0.25	2/21/2014	2/28/2014
93111	S T R HOLDINGS INC	Changed company name to S T R HOLDINGS INC from STREET HOLDINGS INC throughout entire history	11/6/2009	2/28/2014

FILE VERSION SPECIFICS

This table contains version specific information for the CRSP Stock Files with data ending March 2014. It contains the number of securities and information about the maximums of the event arrays.

FILE CODE	# OF SECURITIES	MAX NAMES	MAX DIST	MAX SHARES	MAX DELISTS	MAX GROUPS	MAX NASDIN	FIRST PERMNO	LAST PERMNO
DAZ	30221	39	1538	1719	1	4	2483	10000	93436
MAZ	30192	39	1538	1719	1	4	2483	10000	93436

CALENDAR	DATE RANGE	DATE INDEX RANGE
Daily trading calendar	19251231-20140331	1-23344
Month-end trading calendar	19251231-20140331	1-1060
Year-end trading calendar	19251231-20151231	1-91
Quarter-end trading calendar	19251231-20151231	1-361
Weekly trading calendar	19260102-20140331	1-4605

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	MEDIA	SIZE	INDEXES	PORTFOLIOS	COMPONENTS & DESCRIPTION
CRSP 1925 US Stock and Index Database	FIZyyyyymm	DVD	3.8 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	FAZyyyyymm	DVD	3.4 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	A6Zyyyyymm	DVD	3.0 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	AXZyyyyymm	DVD	3.3 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	IFZyyyyymm	DVD	118 MB			IF - CRSP Supplemental US Indexes
CRSP/Compustat Merged Database	CMZyyyyymm	DVD	8.86 GB			CM - Compustat Data formatted in CRSPAccess Database
Daily & Monthly Treasuries in CRSPSift	TRZyyyyymm	DVD	256 MB			TR - Database format for use with CRSPSift
Daily & Monthly Treasuries Files	TFZyyyyymm	DVD	1.32 GB			TF - New expanded daily and monthly files in EXCEL, SAS, and ASCII formats
Daily & Monthly Legacy Treasuries Files	TLZyyyyymm	DVD	1.2 GB			TL - Legacy daily and monthly files in EXCEL, SAS, and ASCII formats
Mutual Fund Database	MFZyyyyymm	DVD	9 GB			MF - Mutual Funds
CRSP/Ziman Daily & Monthly REIT	RAZyyyyymm	DVD	227 MB			RD - Daily REITs RM - Monthly REITs

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.

If you are still receiving DVDs, you will be contacted by our business office so that we can set up a download account. The deadline for completion of the transition to on-line delivery is April 2014.

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

The following tables include new and old naming conventions, and apply to both DVD and Cloud downloads.

WINDOWS 7/XP PRODUCTS:

DISK LABEL	PRODUCT NAME	OLD NAME	NEW NAME
A6Z1_yyyymm_SLD	CRSP 1962 US Stock	setupwin32.exe	a6zyyyymm_cadb.zip
AXZ1_yyyymm_SLD	CRSP 1962 US Stock and Index	setupwin32.exe	axzyyyymm_cadb.zip
FAZ1_yyyymm_SLD	CRSP 1925 US Stock	setupwin32.exe	fazyyyymm_cadb.zip
FIZ1_yyyymm_SLD	CRSP 1925 US Stock and Index	setupwin32.exe	fizzyyyymm_cadb.zip
IFZ1_yyyymm_SGD	CRSP 1925 Indexes	setupwin32.exe	ifzyyyymm_cadb.zip

RED HAT LINUX PRODUCTS:

DISK LABEL	PRODUCT NAME	OLD NAME	NEW NAME
A6Z1_yyyymm_SLD	CRSP 1962 US Stock	setu linux.bin	a6zyyyymm_cadb.zip
AXZ1_yyyymm_SLD	CRSP 1962 US Stock and Index	setu linux.bin	axzyyyymm_cadb.zip
FAZ1_yyyymm_SLD	CRSP 1925 US Stock	setu linux.bin	fazyyyymm_cadb.zip
FIZ1_yyyymm_SLD	CRSP 1925 US Stock and Index	setu linux.bin	fizzyyyymm_cadb.zip
IFZ1_yyyymm_SGD	CRSP 1925 Indexes	setu linux.bin	ifzyyyymm_cadb.zip

SOLARIS SPARC PRODUCTS:

DISK LABEL	PRODUCT NAME	OLD NAME	NEW NAME
A6Z1_yyyymm_SBD	CRSP 1962 US Stock	setupsolaris.bin	a6zyyyymm_sparc.zip
AXZ1_yyyymm_SBD	CRSP 1962 US Stock and Index	setupsolaris.bin	axyzyyyymm_sparc.zip
FAZ1_yyyymm_SBD	CRSP 1925 US Stock	setupsolaris.bin	fazyzyyyymm_sparc.zip
FIZ1_yyyymm_SBD	CRSP 1925 US Stock and Index	setupsolaris.bin	fizzyzyyyymm_sparc.zip
IFZ1_yyyymm_SGD	CRSP 1925 Indexes	setupsolaris.bin	ifzyzyyyymm_sparc.zip

STEPS TO INSTALL:

- From the drive containing the disk, right click (in Windows) or run File Roller (in Red Hat and Solaris)
- 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 and Solaris)
- 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 AND SUN SOLARIS

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*))

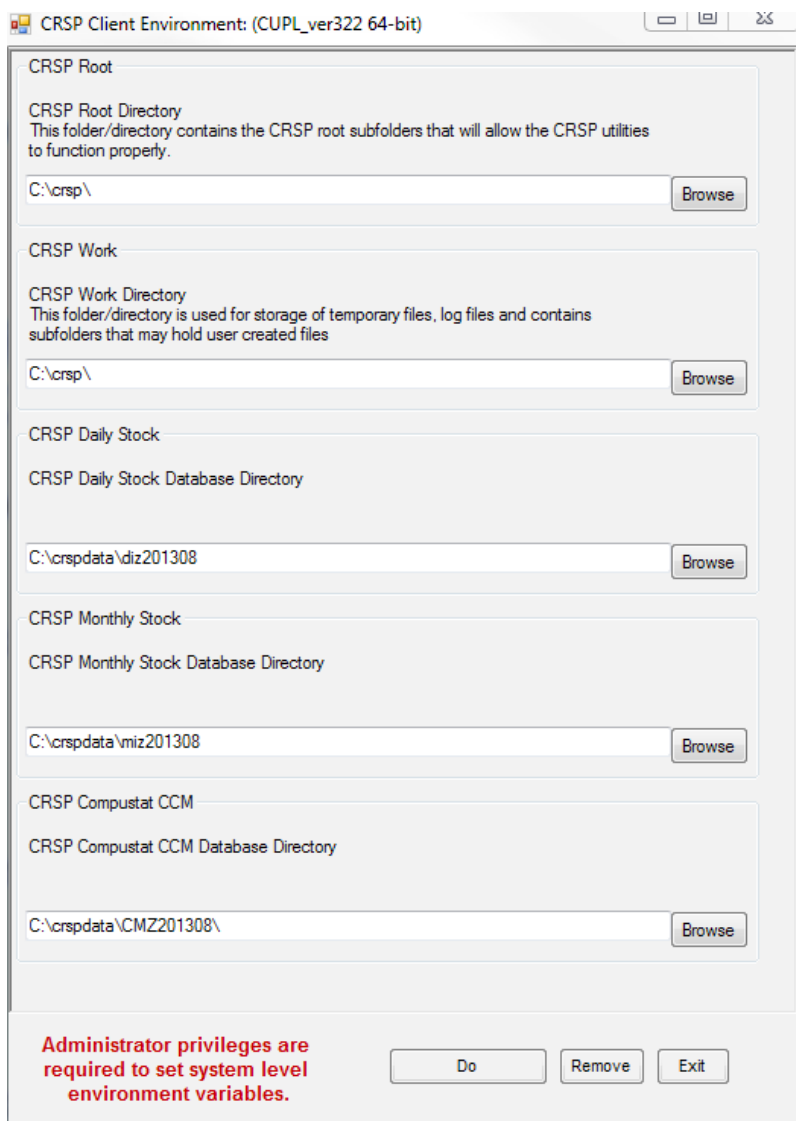
- Scratch directory for error messages – name can be anything
- Enter path for daily stock directory (example: ~/crspdata/diz201308)
- Enter path for monthly stock directory (example: ~/crspdata/miz201308)
- Enter path for index directory (example: ~/crspdata/ifz201308)
- Enter path for CCM directory – 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 /acbin 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.



FILE FORMATS

A number of subscribers have requested flat-file versions of the CRSP databases that can be more easily consumed and built into automated processes. In response to these requests, CRSP is actively working on creating these flat-file versions, which once created, will also be available through the “MFT” delivery.