

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

### APRIL 2014 DATA EDITS

#### INDIVIDUAL EDITS

PERMNO	COMPANY NAME	DESCRIPTION	BEGDT	ENDDT
79824	FIRST FINANCIAL BANKSHARES INC	Changed shares outstanding to 12360 from 15459 on 20030331-20030430 and to 12372 from 15465 for 20030501-20030602	3/31/2003	5/1/2003
86198	PANACOS PHARMACEUTICALS INC	Changed shares outstanding to 54476 from 381950 on 20050314 and to 38195 from 40765 for 20050328-20050330	3/14/2005	3/30/2005
62287	HUNT CORP	Changed ex-date of delisting distribution to 20021216 from 20021214	12/14/2002	12/16/2002
91575	HERTZ GLOBAL HOLDINGS INC	Changed shares outstanding to 320619 from 88235 for 20061116-20061228	11/16/2006	12/28/2006
4880	ITAU UNIBANCO HOLDING S A	Added distribution on ex-date 20140203 and changed distribution code to 1212 from 1222 on ex-date 20140219	2/3/2014	2/19/2014
93026	NUVEEN ENHANCED MUNICIPAL VAL FD	Changed distribution codes to 1223 from 1222 for distributions on ex-dates 20140113, 20140212, and 20140312	1/13/2014	3/12/2014
88863	EXACT SCIENCES CORP	Removed all price and volume data on 20140327	3/27/2014	3/27/2014
88285	VIGGLE INC	Added zero name lines to reflect off-exchange activities for 19941117 - 20140424	11/17/1994	4/24/2014
93265	L & L ENERGY INC	Removed halt record from 20131115 to 20140331 and added delisting date of 20131115 with delist code of 584, next date of 20140421 and next price of \$0.21	11/15/2013	3/31/2014
93046	TRI TECH HOLDING INC	Removed halt record from 20131213 to 20140331 and added delisting date of 20131212 with delist code of 585, next date of 20140416 and next price of \$0.5	12/12/2013	3/31/2014
91612	GLOBALSTAR INC	Added zero nameline to reflect off-exchange activity for 20121221-20140420	12/21/2012	4/20/2014
76908	TRANSENTERIX INC	Added zero namelines to reflect off-exchange activity for 20030512 - 20140414	5/12/2003	4/14/2014

#### GROUP EDITS

BEGDT	ENDDT	DESCRIPTION
2003	2004	Reviewed shares outstanding for securities with acquisitions having stock distributions as part of their merger terms for 2002-2004. We used the merger terms to calculate how many additional shares are expected to be added due to the merger and made corrections to our shares outstanding values as needed on over 120 merger events. Some edits were made to shares outstanding values outside this immediate range corresponding to the stock event.

#### FILE VERSION SPECIFICS

This table contains version specific information for the CRSP Stock Files with data ending April 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	30269	39	1538	1738	1	4	2491	10000	93436
MAZ	30240	39	1538	1738	1	4	2491	10000	93436

CALENDAR	DATE RANGE	DATE INDEX RANGE
Daily trading calendar	19251231-20140430	1-23365
Month-end trading calendar	19251231-20140430	1-1061
Year-end trading calendar	19251231-20151231	1-91
Quarter-end trading calendar	19251231-20151231	1-361
Weekly trading calendar	19260102-20140430	1-4609

## 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	FIZyyyyymm	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	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	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	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	118 MB			IF - CRSP Supplemental US Indexes
CRSP/Compustat Merged Database	CMZyyyyymm	8.86 GB			CM - Compustat Data formatted in CRSPAccess Database
Daily & Monthly Treasuries in CRSPSift	TRZyyyyymm	256 MB			TR - Database format for use with CRSPSift
Daily & Monthly Treasuries Files	TFZyyyyymm	1.32 GB			TF - New expanded daily and monthly files in EXCEL, SAS, and ASCII formats
Daily & Monthly Legacy Treasuries Files	TLZyyyyymm	1.2 GB			TL - Legacy daily and monthly files in EXCEL, SAS, and ASCII formats
Mutual Fund Database	MFZyyyyymm	9 GB			MF - Mutual Funds
CRSP/Ziman Daily & Monthly REIT	RAZyyyyymm	227 MB			RD - Daily REITs RM - Monthly REITs

## DELIVERY METHOD, INSTALLS, AND DATA FORMATS

### 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.

### 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.

### WINDOWS 7/XP PRODUCTS:

PRODUCT 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:

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

### SOLARIS SPARC PRODUCTS:

PRODUCT 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	axzyyyymm_sparc.zip
FAZ1_yyyymm_SBD	CRSP 1925 US Stock	setupsolaris.bin	fazyyyymm_sparc.zip
FIZ1_yyyymm_SBD	CRSP 1925 US Stock and Index	setupsolaris.bin	fizzyyyymm_sparc.zip
IFZ1_yyyymm_SGD	CRSP 1925 Indexes	setupsolaris.bin	ifzyyyymm_sparc.zip

### STEPS TO INSTALL:

- From the directory containing your downloaded zip file, 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](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 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 /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.*

CRSP Client Environment: (CUPL\_ver322 64-bit)

**CRSP Root**  
CRSP Root Directory  
This folder/directory contains the CRSP root subfolders that will allow the CRSP utilities to function properly.  
C:\crsp\  
Browse

**CRSP Work**  
CRSP Work Directory  
This folder/directory is used for storage of temporary files, log files and contains subfolders that may hold user created files  
C:\crsp\  
Browse

**CRSP Daily Stock**  
CRSP Daily Stock Database Directory  
C:\crspdata\diz201308  
Browse

**CRSP Monthly Stock**  
CRSP Monthly Stock Database Directory  
C:\crspdata\miz201308  
Browse

**CRSP Compustat CCM**  
CRSP Compustat CCM Database Directory  
C:\crspdata\CMZ201308\  
Browse

**Administrator privileges are required to set system level environment variables.**

Do Remove Exit

## 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.