

These release notes pertain to the December 2013 month-end release of the CRSP US Stock and Index databases, shipped in January.

## 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.

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	a6zyYYYYMM_cadb.zip
AXZ1_YYYYMM_SLD	CRSP 1962 US Stock and Index	setupwin32.exe	axzyYYYYMM_cadb.zip
FAZ1_YYYYMM_SLD	CRSP 1925 US Stock	setupwin32.exe	fazyYYYYMM_cadb.zip
FIZ1_YYYYMM_SLD	CRSP 1925 US Stock and Index	setupwin32.exe	fizzyYYYYMM_cadb.zip
IFZ1_YYYYMM_SGD	CRSP 1925 Indexes	setupwin32.exe	ifzyYYYYMM_cadb.zip

**RED HAT LINUX PRODUCTS:**

DISK 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	fizyyymm_cadb.zip
IFZ1_yyyymm_SGD	CRSP 1925 Indexes	setuplinux.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	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	fizyyymm_sparc.zip
IFZ1_yyyymm_SGD	CRSP 1925 Indexes	setupsolaris.bin	ifzyyyymm_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](mailto:support@crsp.chicagobooth.edu) or call 312-263-6400, Option 2.

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`

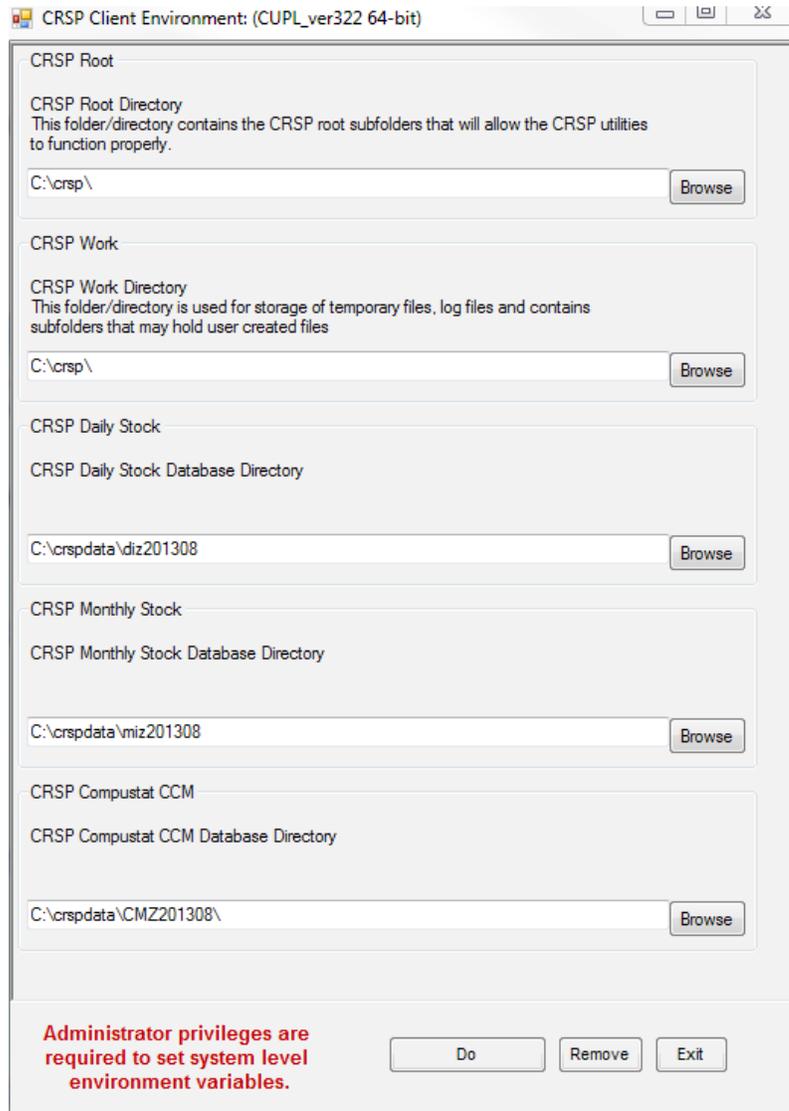
Check the current state of the environment variables by entering this command: `env | grep crsp`

- 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.

## GROUP EDITS

BEGDT	ENDT	DESCRIPTION
2010	2011	Reviewed shares outstanding for securities with acquisitions having stock distributions as part of their merger terms for 2011. 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.
20100304	20101229	Reviewed missing distributions for ADR securities with ex-dates in 2010. Based on our findings, we added 24 dividends that were previously missing from the database.
1925	1946	Reviewed the shares outstanding history from 1925-1946 as part of a larger pre-1946 shares review project. Over 600 edits were made to 32 PERMNOs. Project is 25% complete.

## INDIVIDUAL EDITS

PERMNO	COMNAM	BEGDT	ENDT	DESCRIPTION
12877	P T G I HOLDING INC	11/27/2013	11/29/2013	Changed delisting date to 20131127 from 20131129. Added delisting code 573 and next day 20131129 next price 2.710 to the 20131127 delisting array.
64785	ARGAN INC	10/2/2013	11/29/2013	Changed exchange code to 1 from 2 for 20131002-20131129
92693	CLAYMORE E T F TRUST 2	6/12/2008	11/29/2013	Changed exchange code to 4 from 1 for entire history.
89780	NEUBERGER BERMAN HG YD STRAT F	7/29/2003	11/29/2013	Changed share code to 14 from 44 for entire history.
89780	NEUBERGER BERMAN HG YD STRAT F	8/9/2010	11/29/2013	Changed exchange code to 2 from 1 for period 20100809 to present.
94724	H S B C USA INC NEW	6/11/2008	11/29/2013	Changed exchange code to 4 from 1 for entire history.
10772	S E D INTERNATIONAL HOLDINGS I	11/13/2013	12/6/2013	Removed all data from 20131114-present and added delisting record on 20131113
77082	A R I NETWORK SERVICES INC	7/6/2001	12/8/2013	Added zero nameline to reflect off-exchange activity for 20010706-20131208.
82163	ADAMIS PHARMACEUTICALS CORP	12/29/2005	12/12/2013	Added zero namelines to reflect off-exchange activity for 20051229-20131212.
87464	HUTTIG BUILDING PRODUCTS INC	12/09/2008	12/08/2013	Added zero namelines to reflect off-exchange activity for 20081209-20131208.
21020	AMERICAN AIRLINES GROUP INC	01/05/2012	12/08/2013	Added zero nameline to reflect off-exchange activity for 20120105-20131208

## NOVEMBER 2013 DATA EDITS

## GROUP EDITS

BEGDT	ENDT	DESCRIPTION
19251231	19461231	Reviewed the shares outstanding history from 1925-1946 for 133 permnos as part of a larger pre-1946 shares reiew project. Over 1700 edits were made to 99 permnos. Project is 20% complete
20130326	20130925	Reviewed missing distributions for ADR securities with ex-dates in 2013. Based on our findings, we added 21 dividends that were previously missing from the database.
2009	2013	Reviewed shares outstanding for securities with acquisitions having stock distributions as part of their merger terms for 2009, 2010, 2012, 2013. 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.

## INDIVIDUAL EDITS

PERMNO	COMNAM	BEGDT	ENDT	DESCRIPTION
84026	DOVER MOTORSPORTS INC	11/7/2012	11/7/2012	Changed distribution code to 1252 from 1232 on ex-date 20121107.

OCTOBER 2013 DATA EDITS

## GROUP EDITS

BEGDT	ENDT	DESCRIPTION
20110303	20121227	Reviewed missing distributions for ADR securities with ex-dates in 2011 and 2012. Based on our findings, we added 72 dividends that were previously missing from the database.

## INDIVIDUAL EDITS

PERMNO	COMNAM	BEGDT	ENDT	DESCRIPTION
65875	VERIZON COMMUNICATIONS INC	7/3/2000	7/7/2000	Removed distribution amount .00423 on exdate 20000703 and added distribution amounts .338 on exdate 20000705 and .047 on exdate 20000707.
14144	C N H INDUSTRIAL N V	9/30/2013	10/30/2013	Changed shares outstanding to 1295948 from 30469 from 20130930-20131030
87139	FAIRCHILD SEMICONDUCTOR INTL INC	5/19/2003	10/31/2013	Removed Class A for 20130519-present

SEPTEMBER 2013 DATA EDITS

PERMNO	COMNAM	BEGDT	ENDT	DESCRIPTION
92230	SUPERCOM LTD	10/1/2009	9/16/2013	Added zero namelines to reflect off-exchange activity for 20091001-20130916
85429	IVEX PACKAGING CORP DEL	6/28/2002	7/1/2001	Changed spin-off distribution on ex-date 20020628 to a stock merger distribution by changing distribution code to 3723, factor to adjust price and factor to adjust shares to -1, record date to 20020628, pay date to 20020628 and ex-date to 20020701

AUGUST 2013 DATA EDITS

## GROUP EDITS

BEGDT	ENDDT	DESCRIPTION
20080102	20090130	Reviewed shares outstanding for securities with acquisitions having stock distributions as part of their merger terms for 2008. 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.

## INDIVIDUAL EDITS

PERMNO	COMNAM	BEGDT	ENDT	DESCRIPTION
92270	FIRST TRUST DIVIDEND & INCOME FD	7/1/2013	7/31/2013	Changed company name to FIRST TRUST DIVIDEND & INCOME FD from FIRST TRUST ACTIVE DIV INCOME FD for 20130701 to present.
89971	TEMPUR SEALY INTERNATIONAL INC	7/11/2013	7/31/2013	Changed company name to TEMPUR SEALY INTERNATIONAL INC from TEMPUR PEDIC INTERNATIONAL INC for 20130711 to present.
74369	T N R TECHNICAL INC	10/14/1987	10/14/1987	Added next date of 19901214 and next price of -0.005 to delisting array on 19871014
88645	SILICONWARE PRECISION INDS CO LT	7/15/2013	7/15/2013	Changed dividend amount to 0.22588 from 0.22476 and 0.04946 from 0.04922 for distributions with ex-date 20130715.
92111	TIPTREE FINANCIAL INC	8/27/2010	8/12/2013	Added zero namelines to reflect off-exchange activity for 20100827-20130812
10966	AXOGEN INC	11/26/2002	8/8/2013	Added zero namelines to reflect off-exchange activity for 20021126-20130808
13656	SEARS HOMETOWN & OUTLET STRS INC			Changed PERMCO to 54517 from 44118 for entire history

**CRSP HISTORICAL INDEXES – BEGINNING DATE CHANGE**

Four daily index files as part of the CRSP Historical Index Products have changed to start December 31, 1925. Previous start dates for these files was January 2, 1926.

Changes to these files make them consistent with all other index files in the database. All formats (EXCEL, SAS, ASCII) of the following files reflect the change:

- dsiy – Daily Stock and Index for NYSE, NYSEMKT, NASDAQ, ARCA
- disr – Daily Stock and Index for ARCA
- dsp500 – Daily CRSP index on the S&P 500
- dsp500p – Daily CRSP Portfolios on the S&P 500

The December 31, 1925 row of these files, like this row in other files, contains only Index levels on which returns can be calculated for January 2, 1926.

**SHARES OUTSTANDING HISTORY – DATA IMPROVEMENT**

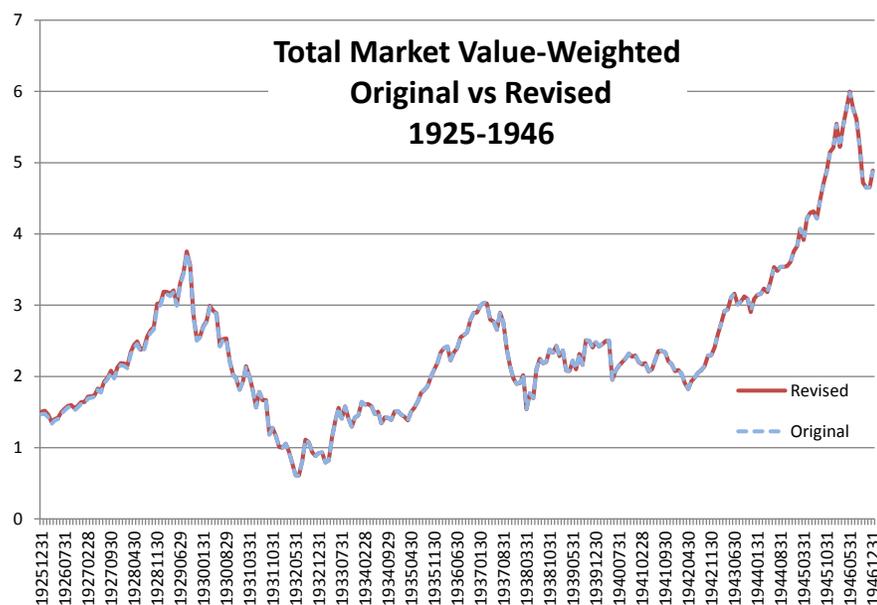
When our research team at CRSP finds new sources that allow us to make corrections and quality improvements to our data, we make it a practice to incorporate these changes.

The June cut of the Stock and Index databases reflects a large number of shares outstanding edits in our deep history. The nature of these edits extends farther back the start dates of available shares information. A number of securities that did not have shares data prior to the late 1947 now reflect more accurate start dates.

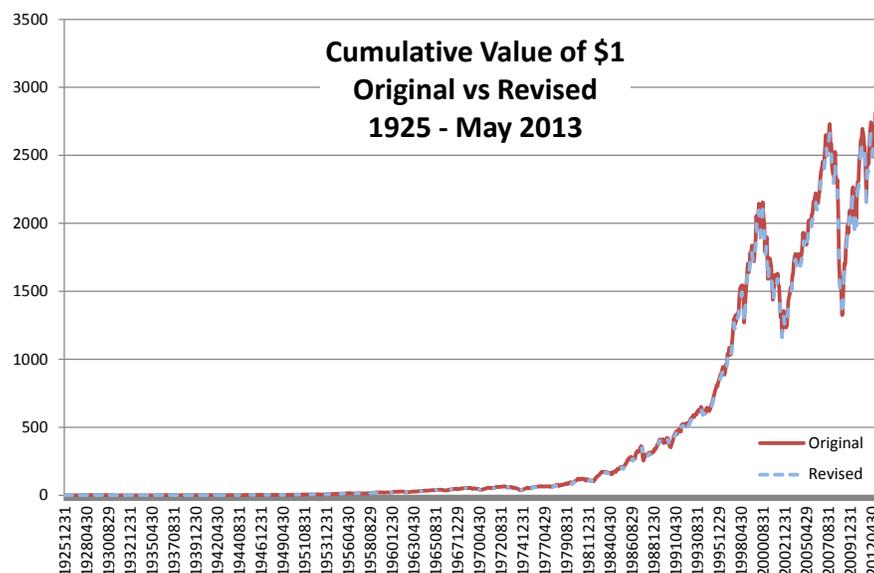
Edits were applied to 2947 observations for 181 securities between December 31, 1925 and December 31, 1946.

**INDEX IMPACT**

These changes have no impact on CRSP equal-weighted indexes. CRSP value-weighted indexes reflect a very small impact in the early 1925 – 1946 period and from 1947 to present, levels overlay.



The cumulative value of \$1 over the life of the value-weighted series shows a 2% impact due to the changes made in the 1925- 1946 range.



### JUNE 2013 DATA EDITS

PERMNO	COMPANY NAME	BEGDT	ENDT	DESCRIPTION
13627	WHITEWAVE FOODS CO	5/24/2013	5/31/2013	Changed shares outstanding to 105098 from 70698 for 20130524-present
92985	FIRST TRUST EXCHANGE TRADED FD	7/1/2009	5/31/2013	Changed name to FIRST TRUST EXCHANGE TRADED FD from FIRST TRUST E T F for entire history.
12789	AMPIO PHARMACEUTICALS INC			Changed company name to AMPIO PHARMACEUTICALS INC from AMPIO PHARAMCEUTICALS INC throughout entire history
77182	PERRIGO CO			Changed company name to PERRIGO CO from PERRIGO COMPANY throughout entire history
12657	FIRST TRUST EXCHANGE TRADED ALPHADEX FUND	3/21/2013	3/21/2013	Changed distribution code to 1232 from 1242 on ex-date 20130321
12659	FIRST TRUST EXCHANGE TRADED ALPHADEX FUND	3/21/2013	3/21/2013	Changed distribution code to 1232 from 1242 on ex-date 20130321
85799	JINPAN INTERNATIONAL LTD	3/19/2013	3/19/2013	Changed distribution code to 1232 from 1242 on ex-date 20130319
78002	TRINITY BIOTECH PLC	6/7/2011	6/6/2012	Changed distribution code to 1252 from 1212 on ex-date 20110607 and to 1252 from 1232 on ex-date 20120606.
90640	W P C S INTERNATIONAL INC	5/28/2013	6/28/2013	Changed CUSIP to 92931L30 from 92931L20 for date range 20130528-present.
90227	LIBERTY GLOBAL INC			Changed NASDAQ company number to 60059035 from 60055683 throughout entire history.
89154	CREDIT SUISSE GROUP	5/1/2013	5/1/2013	Added stock dividend with distribution code of 5533 on ex-date 20130501
12014	CHINA BOTANIC PHARMACEUTICAL INC	1/30/2013	5/31/2013	Removed halt record from 20130131-20130531 and updated delisting array on 20130130
90228	LIBERTY GLOBAL PLC			Changed NASDAQ company number to 60059035 from 60055683 throughout entire history.
88518	MANDALAY DIGITAL GROUP INC	8/26/2013	6/11/2013	Added zero name lines for 20020826-20130611 to reflect off-exchange activity.

## GROUP EDITS

BEGDT	ENDDT	DESCRIPTION
2004	2013	Reviewed AMEX and ARCA permnos with SIC code of 0 or 9999 from 2004-present. Added valid SIC codes to 291 PERMNOs and 438 rows of names history (including non-subscriber data)
2013	2013	Reviewed shares outstanding for securities with acquisitions having stock distributions as part of their merger terms for 2013. 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.
19980102	19981231	Reviewed all missing open prices for 1998. Made 276 total corrections as sources would allow.

## INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGDT	ENDT	DESCRIPTION
47387	KELLY SERVICES INC	3/15/2013	3/15/2013	Removed all prices on 20130315.
84581	PERNIX THERAPEUTICS HLDGS INC	1/28/2013	3/14/2013	Changed shares outstanding to 34030 from 29113 for 20130128-20130306 and to 37706 from 29113 for 20130307-20130314.
89387	COMPUTER PROGRAMS & SYSTEMS INC	11/27/2012	11/27/2012	Changed distribution code to 1272 from 1232 on ex-date 20121127.
12962	C S R PLC	5/9/2012	8/15/2012	Changed distribution code to 1242 from 1232 on ex-dates 20120509 and 20120815.
50497	THACKERAY CORP	7/31/1970	7/31/1970	Changed paydate to 19700828 from 19770828 on ex-date 19700731.
49998	FIRST CONNECTICUT SML BUSI INVT	6/25/1973	9/24/1973	Changed paydate to 19730727 from 19760727 on ex-date 19730625, and to 19731026 from 19761026 on ex-date 19730924.
21356	P G & E CORP	6/17/1974	6/17/1974	Changed paydate to 19740715 from 19770715 on ex-date 19740617.
18956	TRI CONTINENTAL CORP	6/14/1976	6/14/1976	Changed paydate to 19760701 from 19730701 on ex-date 19760614.
52425	WASHINGTON REAL ESTATE INVT TR	8/29/1980	8/29/1980	Changed paydate to 19800930 from 19300930 on ex-date 19800829.
16855	LIBERTY BANCORP INC OKLA	12/18/1985	12/18/1985	Changed paydate to 19860116 from 19830116 on ex-date 19851218.
42711	HOWARD BANCORP	9/9/1985	9/9/1985	Changed paydate to 19850927 from 19950927 on ex-date 19850909.
77842	U S P REAL ESTATE INVESTMT TRUST	4/21/1987	7/23/1987	Changed paydate to 19870515 from 199770515 on ex-date 19870421, and to 19870814 from 19970814.
86007	FOG CUTTER CAPITAL GROUP INC	9/28/1998	9/30/1998	Changed declare date to 19980917 from 0 on ex-date 19980928; added 4 distributions, all with amounts of \$0.10 and ex-date 19980930, and with paydates on 20000928, 20001228, 20010328, and 20010628.
75064	GLAXOSMITHKLINE PLC	11/4/2009	11/4/2009	Added declare date 20091028 and changed paydate to 20100107 from 20000107 on ex-date 20091104.
62252	GENERAL RE CORP	11/3/1980	11/17/1980	Changed exchange code to 31 from 3 and added closing price, high, low & volume data for 19801103-19801117
62252	GENERAL RE CORP	12/14/1972	1/1/1973	Changed company name to GENERAL REINSURANCE CORP NY from GENERAL REINSURANCE CORP for 19721214-19730101
47028	NATIONAL EDUCATION CORP	2/10/1984	2/10/1984	Added closing price, high, low & volume data for 19840210.
60441	GOLDEN NUGGET INC	7/25/1983	12/20/1983	Added closing price, high, low & volume data for 19830725, 29839726, 19830926, and 19831220
69550	MYLAN LABS INC	4/14/1986	4/14/1986	Added closing price, high, low & volume data for 19860414.
74617	TANDEM COMPUTERS INC	2/1/1983	2/1/1983	Added closing price, high, low & volume data for 19830201.
85961	A R M HOLDINGS PLC	4/17/2013	4/17/2013	Changed distribution amount to 0.113071 from 0.134180 on exdate 20130417.

PERMNO	COMPANY NAME	BEGDT	ENDT	DESCRIPTION
82670	T G THERAPEUTICS INC	3/26/2008	5/29/2013	Added zero namelines for 20080326-20130529 to reflect off-exchange activity.
90498	TRADE STREET RESIDENTIAL INC	7/7/2008	5/13/2013	Added zero namelines for 20080707-20130513 to reflect off-exchange activity.
82831	INSYS THERAPEUTICS INC	2/12/2009	5/1/2013	Added zero namelines for 20090212-20130501 to reflect off-exchange activity.
12056	NEW ENERGY SYSTEMS GROUP	4/16/2013	4/30/2013	Removed halt record and all data from 20130417-20130430 and added delist array on 20130416
90696	TELESTONE TECHNOLOGIES CORP	4/16/2013	4/30/2013	Removed halt record and all data from 20130417-20130430 and added delist array on 20130416

#### APRIL 2013 DATA EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
80223	BOSTON PRIVATE FINL HLDGS INC	19980423	20130328	Changed company name to BOSTON PRIVATE FINL HLDGS INC from BOSTON PRIVATE FINL HLDS INC for 19980423-present
17339	DUPLAN CORP	19650203	19650203	Changed factor to adjust price to 0.5490 from 0.5864 for partial liquidation payment on ex-date 19650203
13608	ISHARES TRUST	20121022	20130328	Name changed to ISHARES TRUST from ISHARES INC for entire history.
13609	ISHARES TRUST	20121022	20130328	Name changed to ISHARES TRUST from ISHARES INC for entire history.
13612	ISHARES TRUST	20121022	20130328	Name changed to ISHARES TRUST from ISHARES INC for entire history.
76616	KONINKLIJKE AHOLD N V	20120419	20120419	Changed distribution code to 1252 from 1212 for dividend on ex-date 20120419.
78107	NUVEEN AZ PREM INCOME MUNI FD			Changed company name to NUVEEN AZ PREM INCOME MUNI FD from NUVEEN ARIZONA PREMIUM INC MUNI throughout entire history
90170	ORAGENICS INC	20081219	20130409	Added zero namelines to reflect off-exchange activity for 20081219-20130409.
13376	PRIMA BIOMED LTD			Changed shares outstanding to 56 from 32701 for 20120416-20121230 and to 104 from 35535 for 20121231-20130327
91620	S K F AB	20120426	20120426	Changed distribution code to 1252 from 1212 for dividend on ex-date 20120426.
84037	SCOR	20130504	20130504	Changed distribution code to 1252 from 1212 for dividend on ex-date 20120504.
90001	VANGUARD INDEX FUNDS	20040130	20130328	Name changed to VANGUARD INDEX FUNDS from VANGUARD INDEX TRUST for entire history.
12305	VANGUARD INDEX FUNDS	20100909	20130328	Name changed to VANGUARD INDEX FUNDS from VANGUARD INDEX TRUST for entire history.
89999	VANGUARD INDEX FUNDS	20040130	20130328	Name changed to VANGUARD INDEX FUNDS from VANGUARD INDEX TRUST for entire history.
90000	VANGUARD INDEX FUNDS	20130104	20130328	Name changed to VANGUARD INDEX FUNDS from VANGUARD INDEX TRUST for entire history.
90002	VANGUARD INDEX FUNDS	20040130	20130328	Name changed to VANGUARD INDEX FUNDS from VANGUARD INDEX TRUST for entire history.
90003	VANGUARD INDEX FUNDS	20040130	20130328	Name changed to VANGUARD INDEX FUNDS from VANGUARD INDEX TRUST for entire history.
90004	VANGUARD INDEX FUNDS	20040130	20130328	Name changed to VANGUARD INDEX FUNDS from VANGUARD INDEX TRUST for entire history.
90005	VANGUARD INDEX FUNDS	20040130	20130328	Name changed to VANGUARD INDEX FUNDS from VANGUARD INDEX TRUST for entire history.

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
90878	VANGUARD INDEX FUNDS	20010531	20130328	Name changed to VANGUARD INDEX FUNDS from VANGUARD INDEX TRUST for entire history.
91423	VANGUARD INDEX FUNDS	20060824	20130328	Name changed to VANGUARD INDEX FUNDS from VANGUARD INDEX TRUST for entire history.
91424	VANGUARD INDEX FUNDS	20060824	20130328	Name changed to VANGUARD INDEX FUNDS from VANGUARD INDEX TRUST for entire history.
89286	VANGUARD INDEX FUNDS	20020104	20130328	Name changed to VANGUARD INDEX FUNDS from VANGUARD INDEX TRUST for entire history.
90350	VANGUARD SPECIALIZED FUNDS	20040929	20130328	Name changed to VANGUARD SPECIALIZED FUNDS from VANGUARD INDEX TRUST for entire history.

## MARCH 2013 DATA EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
92555	CAPE BANCORP INC	20121210	20121210	Changed distribution code to 1232 from 1212 on ex-date 20121210.
18710	CARRIERS & GENERAL CORP	19590303	19601130	Changed distribution code to 1232 from 1212 for distributions on ex-dates 19590303, 19590605, 19590904, 19600301, 19600607 & 19600907
18710	CARRIERS & GENERAL CORP	19601130	19601130	Removed cash distribution with dividend amount of \$0.035 on ex-date 19601130
13455	CHANTICLEER HOLDINGS INC			Changed SIC code to 8742 from 9999 throughout entire history
13694	CHEMUNG FINANCIAL CORP	20121213	20121213	Changed distribution code to 1232 from 1212 on ex-date 20121213.
13724	FLEXSHARES TRUST	20121227	20121227	Changed distribution code to 1232 from 1212 on ex-date 20121227.
13727	FLEXSHARES TRUST	20121227	20121227	Changed distribution code to 1232 from 1212 on ex-date 20121227.
13728	FLEXSHARES TRUST	20121227	20121227	Changed distribution code to 1232 from 1212 on ex-date 20121227.
48020	FREDERICKS HOLLYWOOD GROUP INC	20130221	20130221	Changed delist code to 560 from 584 on delist date 20130221.
18016	HERCULES INC	19590306	19590902	Changed distribution code to 1232 from 1212 for distributions on ex-dates 19590306, 19590605 & 19590902
12355	HORIZON TECHNOLOGY FINANCE CORP	20121114	20130219	Changed distribution code to 1222 from 1232 for 20121114-20130219.
85799	JINPAN INTERNATIONAL LTD	20121206	20121206	Changed distribution code to 1272 from 1242 for dividend with ex-date 20121206.
11993	LONGWEI PETROLEUM INVT HLDG LTD	20130103	20130321	Removed halt record from 20130104-20130321 and added delist array on 20130103.
13650	MONROE CAPITAL CORP	20121212	20121212	Changed distribution code to 1232 from 1212 on ex-date 20121212.
18155	MYERS F E & BROS CO	19581209	19591209	Changed distribution code to 1232 from 1212 for distributions on ex-dates 19581209, 19590309, 19590609, 19590908 & 19591209
90540	NATIONAL INTERSTATE CORP	20121121	20121121	Changed distribution amount from \$2.10 to \$0.10 and added special distribution with amount \$2.00 on ex-date 20121121.
13731	POWERSHARES E T F TRUST	20121221	20121221	Changed distribution code to 1232 from 1212 on ex-date 20121221.
86287	REPUBLIC BANCORP INC KY	20121128	20121128	Changed distribution code to 1272 from 1232 on ex-date 20121128.
18948	ROCKWELL INTERNATIONAL CORP	19581210	19590921	Changed distribution code to 1232 from 1212 for distributions on ex-dates 19581210, 19590311, 19590616 & 19590921
17814	SHARON STEEL CORP	19590311	19591209	Changed distribution code to 1232 from 1212 for distributions on ex-dates 19590311, 19590610, 19590910 & 19591209
11056	STERLING FINANCIAL CORP WASH	20091231	20101105	Changed shares outstanding to 52211 from 52179 for 20091231-20100128, to 722941 from 722904 for 20100826-20100831, to 4167529 from 722904 for 20101022-20101104, to 4080904 from 722904 for 20101105-20101118 and to 61832 from 10953 for 20101119-20101207
14816	TOOTSIE ROLL INDS INC	20121213	20121213	Changed distribution amount of \$0.58 to \$0.08, and added distribution amount of \$0.5 and distribution code 1272, on ex-date 20121213.

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
84283	WEST CORP	20010102	20061024	Name changed to WEST CORP from WEST CORPORATION for 20010102-20061024.
18067	ZENITH ELECTRONICS CORP	19590310	19591208	Changed distribution code to 1232 from 1212 for distributions on ex-dates 19590310, 19590609, 19590908 & 19591208
18067	ZENITH ELECTRONICS CORP	19590525	19590525	Changed record date to 19590506 from 0 on the forward split record on ex-date 19590525

## FEBRUARY 2013 DATA EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
13286	BANCO BRADESCO S A	20120404	20130103	Changed distribution code to 1222 from 1212 on ex-date 20120404; changed distribution code to 1272 from 1222 and distribution amount to .092405 from .092437 on ex-date 20120628; changed distribution code to 1222 from 1272 on ex-date 20121204; changed distribution amount to .009423 from .009051 on ex-date 20130103.
90082	CENTRAL VALLEY COMM BANCORP	20121113	20121113	Changed distribution code to 1232 from 1252 on ex-date 20121113.
84030	EMPIRE RESOURCES INC DEL	20090109	20130203	Added zero nameline to reflect off-exchange activity for 20090109-20130203
22509	P P G INDUSTRIES INC	20130118	20130118	Changed low price to 137.75 from 142.42 on 20130118
61065	TOYS R US INC	19800902	20010823	Changed SIC code to 5945 from 6711 for 19800902-20010823
78003	VERTEX ENERGY INC	19970409	20130212	Added zero namelines to reflect off-exchange activity for 19970409-20130212

## JANUARY 2013 DATA EDITS

### GROUP EDITS

BEGIN DATE	END DATE	DESCRIPTION
0	0	Reviewed list of 67 permnos with unconfirmed sharecodes (10,30,50,70,80), and replaced with confirmed sharecodes (11,14,31,51,71,81,88,89,7) over the period 1972-2006.

### INDIVIDUAL EDITS

PERMNO	COMPANY NAME	BEGIN DATE	END DATE	DESCRIPTION
87152	CENTURY REALTY TRUST	19990827	19990827	Added price and shares data for 19990827
92982	DEER CONSUMER PRODUCTS INC	20120810	20130110	Removed halt record from 20120813-20130110 and added delist array on 20120810.
89812	GRANITE REAL ESTATE INVT TRUST	20120523	20121120	Changed distribution code to 1332 from 1232 for dividends on ex-dates 20120523 and 20121120. Changed distribution code to 1332 from 1232 and dividend amount to 0.506430 from 0.502750 for dividend on ex-date 20120822.
78741	GREAT BASIN GOLD LTD	20120914	20130129	Removed halt record from 20120917-20130128 and added delist array on 20120914
87381	HONG KONG TELEVISION NETWORK LTD	20121231	20121231	Changed dividend amount to 0.386877 from 0.387091 on ex-date 20121231.
44768	INTERFACE INC	20120514	20121231	Removed Class A from ticker for 20120514-present
69534	M L MACADAMIA ORCHARDS L P	19860605	20130131	Changed name to MAUNA LOA MACADAMIA PARTNERS LP from MAUNA LOA MACADAMIA PARTNERS for 19860605-19981004.
77069	NUVEEN MI QLTY INC MUNI FD INC	19911017	20121231	Name changed to NUVEEN MI QLTY INC MUNI FD INC from NUVEEN MI INC QLTY MUNI FD INC for the entire history.
13586	PENTAIR LTD			Changed distribution code to 1232 from 1222 for distribution on ex-date 20121024

## FILE VERSION SPECIFICS

This table contains version specific information for the CRSP Stock Files with data ending December 2013. 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	30068	39	1538	1659	1	4	2463	10000	93436
MAZ	30039	39	1538	1659	1	4	2463	10000	93436

CALENDAR	DATE RANGE	DATE INDEX RANGE
Daily trading calendar	19251231-20131231	1-23283
Month-end trading calendar	19251231-20131231	1-1057
Year-end trading calendar	19251231-20141231	1-90
Quarter-end trading calendar	19251231-20141231	1-357
Weekly trading calendar	19260102-20131231	1-4592

## 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