CRSP/COMPUSTAT RELEASE NOTES

FEBRUARY 2019 MONTHLY UPDATE

ABOUT THE FEBRUARY 2019 CRSP/COMPUSTAT MERGED DATABASE

The cut date for these release notes is 20190211. This shipment includes the following version of the CRSP/Compustat Merged Database:

- CMZ20190208– the CCM format database using Compustat's Xpressfeed delivery.

DATABASE CHARACTERISTICS

The following table summarizes general characteristics of the CCM database.

ATTRIBUTE	CCM FORMAT DATABASE
Source	*Compustat Xpressfeed*
Volume Label	CMZyyyymm
Size	11.10 GB
Delivery	MOVEit Cloud
CRSPAccess version	3.22 and higher – ts_print ccm_print
CRSPSift Version (Windows only)	Yes – all currently supported versions.
SASEXCCM Engine	Version 9.3 (Early Adopters)
C	Yes – CA3.22 and higher
Number of Data Items	Over 4,000 quarterly & annual data items

PROGRAMMERS

C-programming is supported with all CRSPAccess versions. C sample programs are included for use with the Xpressfeed data.

FORTRAN-95 continues to be supported in CRSPAccess. Information about usage are available in the CRSPAccess Utilities and Program Libraries Release Notes and the Programming Guide, which can be accessed online at: http://www.crsp.ChicagoBooth.edu/documentation.

A SAS Engine that supports the CCM data was released to early adopters in SAS Version 9.3. Since their first maintenance release of SAS version 9.40, the SASEXCCM engine is in full production. The most current ETS release in the field, ETS 13.1 is needed to use the engine. Note that the original SASECRSP engine is still in the field but does not have support for the CCM database.

PARAMETERS

CMZ MONTHLY	
Total Compustat Records	49,154
Total GVKEY Companies	46,956
Total GVKEYX Indexes	2,198
Total GVKEY/IID Securities	60,399
Total CRSP Securities Linked	29,430
Total GVKEYs in Link	46,913
Total Link Records	103,780
Total Link Records with a Link to CRSP	34,162
Database Size	11.10 GB

CALENDARS

The CCM database utilizes the CRSP stock calendars to align properly with CRSP data. Data in the CRSP daily Stock (and Indexes) file use daily and annual calendars. Data in the monthly files use monthly, quarterly and annual calendars.

CALENDAR	DATE RANGE	DATE INDEX RANGE
Daily trading calendar	19251231-20190208	1-24568
Monthly trading calendar	19251231-20231231	1-1177
Annual trading calendar	19251231-20201231	1-96
Quarterly trading calendar	19251231-20191231	1-377
Semi-Annual trading calendar	19251231-20191231	1-189
Weekly trading calendar	19260102-20190208	1-4858

FEBRUARY 2019 NEW DATA ITEMS

Listed in the table below are new data items and new keysets for existing data items that have been added this month.

ITEM MNEMONIC	ITEM NAME	KEYSET	KEYSET_TAG	DESCRIPTION
CSHOPQ_FN	Total Shares Repurchased - Quarter Footnote	1	STD	Industrial Format, Consolidated Information, Standardized Presentation

FEBRUARY 2019 LINK EDITS

GVKEY 34240 ALBERTON ACQUISITION
OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20181031	20181031	0	0	01	NR	P
20181101	99999999	0	0	01	NR	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20181031	20181031	0	0	01	NR	P
20181101	20181120	0	0	01	NR	C
20181121	99999999	0	0	01	NR	N
20181121	99999999	18249	56554	02	LC	P

GVKEY 34003 MDJM LTD
OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
0	0	0	0	01	NU	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20190108	99999999	18364	56627	01	LC	P

GVKEY 34413 WEIDAI LTD -ADR
OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20181130	99999999	0	0	90	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20181115	99999999	18326	56582	90	LC	P

GVKEY 3918 DRS TECHNOLOGIES INC

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790401	19810122	0	0	00X	NR	C
19820129	19960331	0	0	01	NR	P
19960401	19960430	0	0	01	NR	J
19830729	19960329	0	0	02	NR	J
19810123	19820128	65226	1387	03	LC	C
19820129	19821231	65226	1387	03	LC	N
19830101	19960331	65226	1387	03	LN	N
19960401	19980331	65226	1387	03	LN	P
19980401	20081021	65226	1387	03	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19790401	19810122	0	0	00X	NR	C
19820129	19960331	65226	1387	01	LC	P
19960401	19960401	65226	1387	01	LC	J
19830722	19960329	65234	1387	02	LC	J
19810123	19820128	65226	1387	03	LC	C
19820129	19821231	65226	1387	03	LD	N
19830101	19960331	0	0	03	NR	N
19960401	19960401	0	0	03	NR	P
19960402	20081021	65226	1387	03	LC	P

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 enviroment 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_CCM=<full path name>/<compustat directory> (example: `CRSP_CCM=~/crspdata/cmz201309`)

- 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 (*example:* `CRSP_CCM=~/crspdata/cmz201309`)
    - 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` . After making any changes, be sure to log off and back into Windows for the settings to be saved.