

# CRSP/COMPUSTAT RELEASE NOTES

DECEMBER 2017 MONTHLY UPDATE

## ABOUT THE DECEMBER 2017 CRSP/COMPUSTAT MERGED DATABASE

The cut date for these release notes is 20171209. This shipment includes the following version of the CRSP/Compustat Merged Database:

- CMZ20171208– 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
<b>Source</b>	<b>Compustat Xpressfeed</b>
Volume Label	CMZyyyyymm
Size	10.72 GB
Delivery	<a href="#">MOVEit Cloud</a>
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 4000 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	47736
Total GVKEY Companies	45538
Total GVKEYX Indexes	2198
Total GVKEY/IID Securities	58397
Total CRSP Securities Linked	28433
Total GVKEYs in Link	45496
Total Link Records	101420
Total Link Records with a Link to CRSP	33013
Database Size	10.72GB

## 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	19251231-20171208	1-24276
Monthly trading calendar	19251231-20211231	1-1165
Annual trading calendar	19251231-20181231	1-94
Quarterly trading calendar	19251231-20181231	1-373
Semi-Annual trading calendar	19251231-20181231	1-187
Weekly trading calendar	19260102-20171208	1-4797

## DECEMBER 2017 LINK EDITS

### GVKEY 22637 YULONG ECO-MATERIALS LTD

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20120701	20150625	0	0	00X	NR	C
20150626	20170710	15441	55322	01	LC	P
20170711	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20120701	20150625	0	0	00X	NR	C
20150626	20170710	15441	55322	01	LC	P
20170711	20171001	0	0	01	NR	P
20171002	99999999	15441	55322	01	LC	P

### GVKEY 170307 FC GLOBAL REALTY INC

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20100101	20111229	0	0	00X	NR	C
20111230	20170706	88258	5761	01	LC	P
20170707	99999999	0	0	01	NR	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20100101	20111229	0	0	00X	NR	C
20111230	20170706	88258	5761	01	LC	P
20170707	20171001	0	0	01	NR	P
20171002	99999999	88258	5761	01	LC	P

### GVKEY 64844 MIDWAY GOLD CORP

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080103	20150619	92540	52932	01	LC	P
19970530	20080102	0	0	01C	NR	C
20080103	99999999	92540	52932	01C	LX	N
20150620	99999999	0	0	99X	NR	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080103	20150619	92540	52932	01	LC	P
20150620	20171130	0	0	01	NR	P
19970530	20080102	0	0	01C	NR	C
20080103	20150619	92540	52932	01C	LX	N
20150620	20150731	0	0	01C	NR	N

## 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_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.