

# CRSP/COMPUSTAT RELEASE NOTES

FEBRUARY 2017 MONTHLY UPDATE

## ABOUT THE FEBRUARY 2017 CRSP/COMPUSTAT MERGED DATABASE

The cut date for these release notes is February 11, 2017. This shipment includes the following version of the CRSP/Compustat Merged Database:

- CMZ20170210– 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	CMZyyyymm
Size	10.48 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.

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	46954
Total GVKEY Companies	44756
Total GVKEYX Indexes	2198
Total GVKEY/IID Securities	57143
Total CRSP Securities Linked	28052
Total GVKEYs in Link	44714
Total Link Records	99831
Total Link Records with a Link to CRSP	32563
Database Size	10.48 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	19251231-20170210	1-24025
Monthly trading calendar	19251231-20201231	1-1153
Annual trading calendar	19251231-20171229	1-93
Quarterly trading calendar	19251231-20171229	1-369
Semi-Annual trading calendar	19251231-20171229	1-185
Weekly trading calendar	19260102-20170210	1-4745

## 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
NRTXT_DC	Nonrecurring Income Taxes After-tax Data Code	7	SFAS	Industrial Format, Pre-FASB Reporting, Standardized Presentation

## FEBRUARY 2017 LINK EDITS

### GVKEY 18427 (AZURE MIDSTREAM PARTNERS LP)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20110101	20130725	0	0	00X	NR	C
20130726	99999999	14049	54479	1	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20110101	20130725	0	0	00X	NR	C
20130726	20160603	14049	54479	1	LC	P
20160604	99999999	0	0	1	NR	P

### GVKEY 164607 (HERCULES OFFSHORE INC)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20051026	0	0	00X	NR	C
20051027	20150823	90951	47879	1	LC	P
20150824	20151031	0	0	1	NR	P
20151101	20151108	0	0	1	NR	C
20151109	20161205	90951	47879	3	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20051026	0	0	00X	NR	C
20051027	20150823	90951	47879	1	LC	P
20150824	20151031	0	0	1	NR	P
20151101	20151108	0	0	1	NR	C
20151109	20160614	90951	47879	3	LC	P
20160615	20161230	0	0	3	NR	P

### GVKEY 174121 (ULTRAPETROL BAHAMAS LTD)

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20010101	20061012	0	0	00X	NU	C
20061013	99999999	91511	51317	1	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20040101	20061012	0	0	00X	NR	C
20061013	20161018	91511	51317	1	LC	P
20161019	99999999	0	0	1	NR	P

**GVKEY 180145 (FORBES ENERGY SERVICES LTD)****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060101	20080529	0	0	00X	NR	C
20110816	99999999	12963	53870	1	LC	P
20080530	20110815	0	0	01C	NR	C
20110816	99999999	12963	53870	01C	LX	N

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060101	20080529	0	0	00X	NR	C
20110816	20161118	12963	53870	1	LC	P
20161119	99999999	0	0	1	NR	P
20080530	20110815	0	0	01C	NR	C
20110816	20121130	12963	53870	01C	LX	N

**GVKEY 183636 (R1 RCM INC)****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20100519	0	0	00X	NR	C
20100520	99999999	93369	53403	1	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20070101	20100519	0	0	00X	NR	C
20100520	20140314	93369	53403	1	LC	P
20140315	99999999	0	0	1	NR	P

**GVKEY 186336 (C&J ENERGY SERVICES LTD)****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060101	20110728	0	0	00X	NR	C
20110729	20161231	12894	53830	1	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20060101	20110728	0	0	00X	NR	C
20110729	20160720	12894	53830	1	LC	P
20160721	20161231	0	0	1	NR	P
20170101	20170130	0	0	1	NR	C
20170131	99999999	0	0	1	NR	N
20170131	99999999	0	0	3	NR	P

**GVKEY 186875 (BOX SHIPS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20100101	20110413	0	0	00X	NR	C
20110414	99999999	12687	53721	1	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20100101	20110413	0	0	00X	NR	C
20110414	20151117	12687	53721	1	LC	P
20151118	99999999	0	0	1	NR	P

**GVKEY 260838 (CIPHER PHARMACEUTICALS INC)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20031001	20040226	0	0	00X	NR	C
20120531	20141031	0	0	1	NR	J
20141101	20141123	0	0	1	NR	P
20141124	99999999	15061	55107	1	LC	P
20040227	20141031	0	0	01C	NR	C
20141101	20141123	0	0	01C	NR	N
20141124	99999999	15061	55107	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20031001	20040226	0	0	00X	NR	C
20120531	20141031	0	0	1	NR	J
20141101	20141123	0	0	1	NR	P
20141124	20161208	15061	55107	1	LC	P
20161209	20161230	0	0	1	NR	P
20040227	20141031	0	0	01C	NR	C
20141101	20141123	0	0	01C	NR	N
20141124	20161208	15061	55107	01C	LX	N
20161209	20161231	0	0	01C	NR	N
20170101	99999999	0	0	01C	NR	C

**GVKEY 282189 (ENERGY XXI LTD)**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050701	20070628	0	0	00X	NR	C
20070629	20070731	0	0	1	NR	P
20070801	20161231	92215	52665	1	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050701	20070628	0	0	00X	NR	C
20070629	20070731	0	0	1	NR	P
20070801	20160422	92215	52665	1	LC	P
20160423	20161230	0	0	1	NR	P

**GVKEY 1356 (ALCOA INC)**

**OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	0	0	00X	NR	C
19620131	99999999	24643	20060	1	LC	P
20050331	20050331	0	0	2	NR	J

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	0	0	00X	NR	C
19620131	20161031	24643	20060	1	LC	P
20050331	20050331	0	0	2	NR	J

**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](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**

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.