

### ABOUT THE 2009 CRSP/COMPUSTAT MERGED DATABASE

This annual shipment of the CRSP\Compustat Merged Database is provided in two formats. CMZ200907, the Xpressfeed CCM database format, was first introduced last November as a reshipment of the 2008 annual CCM database. CPZ200907, the legacy CST format is also provided.

CRSP encourages our subscribers to move to the Xpressfeed database if you haven't already. Development on the legacy format is frozen. The legacy database will be phased out once programming and third party support is complete. The Xpressfeed database includes new data items that are not available in the legacy database.

#### DATA ITEM CHANGES

For all data item changes from July 2008 to July 2009, go to [www.crsp.chicagobooth.edu/documentation/release\\_notes.html](http://www.crsp.chicagobooth.edu/documentation/release_notes.html).

#### BANK FILE CHANGE

Effective in the October cut, Compustat no longer produced the FTP Bank files CRSP used in the CST legacy database. Bank data is now available only through its Xpressfeed delivery and in the CCM format database.

#### 12 MONTH MOVING WINDOW ITEMS IN CST LEGACY DATABASES

In reviewing suspicious data points in the legacy CST database, CPZ200903, CRSP discovered that our calculation for 12-month moving window items that we use to translate items from the CCM Xpressfeed sources into the CST format database was flawed. There are some cases where we report a non-missing value when one of the inputs is

missing. Over 170,000 data points were affected involving the following four quarterly items and most GVKEYS:

- IQ27 – EPS (Basic) Excluding Extraordinary Items – 12 Month Moving
- IQ178 – EPS from Operations – 12 Month Moving
- IQ179 – EPS (Diluted) Excluding Extraordinary Items – 12 Month Moving
- IQ180 – EPS from Operations (Diluted) – 12 Month Moving

Most changes in values were negligible, but many could result in interpreting a value as an actual amount instead of as a marker for a missing value. Values for these items are now corrected.

These items do not have one-to-one equivalents in the Xpressfeed database, but most closely align with the following quarterly and year-to-date items. FQTR is used for all to determine the fiscal quarter number, and AJEXQ is used to adjust input quarters to the same basis.

Legacy CPZ200903 Data base Item	CMZ200903 Data base Items	CMZ200903 Database Items
IQ27 – EPS (Basic) Excluding Extraordinary Items – 12 Month Moving		EPSPXQ , EPSPXY
IQ178 – EPS from Operations – 12 Month Moving		OPEPSQ , OPEPSY
IQ179 – EPS (Diluted) Excluding Extraordinary Items – 12 Month Moving		EPSFXQ , EPSFXY
IQ180 – EPS from Operations (Diluted) – 12 Month Moving		OEPSXQ , OEPSXY

#### NEW CURRENCY CODE

MZN was added as a new Currency Code for the Mozambique .

## CHANGES TO LINK HISTORY OUTPUT

The link history extracted from the new CCM database differs from that extracted using the Legacy CST format database. The old history, using `cst_print` and the command `/l` returned the format:

<b>LINKDT</b>	<b>LINKENDDT</b>	<b>PERMNO</b>	<b>PERMCO</b>	<b>LINKTYPE</b>	<b>LINKFLAG</b>
19500101	99999999	12490	20990	LC	BBB

The new link history extracted, using `/li` in the `ccm_print` for the command-line utilities, and `CCMQuery` in `CRSPSift`, returns the following output:

### **Link History**

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<b>LINKDT</b>	<b>LINKENDDT</b>	<b>LPERMNO</b>	<b>LPERMCO</b>	<b>LIID</b>	<b>LINKTYPE</b>	<b>LINKPRIM</b>
19500101	19620130	12490	20990	00X	LC	C
19620131	99999999	12490	20990	01	LC	P

Linkflag is no included in the link history. Two additional fields are now included:

- LIID - Security-level identifier
- LINKPRIM - Primary link marker
  - ♦ C - Marked as primary by CRSP, not marked by Compustat
  - ♦ P - Marked as primarily by Compustat

Generally speaking, for backward compatibility, if the linktype begins with the letter "L", the linkflag would have been equal to "BBB". If the linktype begins with the letter "N", the linkflag would have been equal to "XXX".

The linkflag was simply used to help determine which iterations of the database the link represented (annual, quarterly and monthly).

## COMPUSTAT REFERENCE DATA

With the release of `CRSPSift 2.3` and `CRSPAccess 3.12`, users can now access Compustat reference data beginning with the April data cut. In `Sift`, Reference data items are accessible from the menu bar under `Tools`. In `CRSPAccess`, a new command line executable, `ccm_ref_print` is provided for accessing the data.

Four groups of reference data items are available:

- Refcode - Reference codes and their descriptions
- Refnum - Reference numbers and their descriptions
- Economic Indicator Data - Available for US and Canada
- Currency - country currency descriptive information and daily/monthly exchange rates

Note: Different countries have differing trading calendars. CRSP is utilizing the trading calendar for the US stock markets. As a result, we are knowingly omitting exchange rate data that occur on CRSP trading holidays.

For full details of usage and examples of the Compustat reference data, refer to the CRSP website for the *Sift User Guide* and the CCM\_REF\_PRINT documentation.

## NEW DATA ITEMS AND KEYSSET COMBINATIONS

The following are new Compustat data items or new keyset combinations of existing items that have been routinely added to the CCM version of the database. These items are not available in the legacy CST version of the database.

NEW ITEM MNEMONIC	NEW ITEM NAME	"KEYSET, TAG, DESCRIPTION"
ANO	Assets/Netting & Other Adjustments	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
AOCIDERGL_DC	Accum Other Comp Inc – Derivative Unrealized Gain/Loss	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
AOCIDERGL_DC	Accumulated Other Comp Inc – Derivatives Unrealized Gain/Loss – Data Code - Annual	"5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation"
AOCIDERGL_DC	Accumulated Other Comp Inc – Derivatives Unrealized Gain/Loss – Data Code - Annual	"46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation"
AOCIDERGLQ_DC	Accumulated Other Comp Inc – Derivatives Unrealized Gain/Loss – Data Code - Qtrly	"5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation"
AOCIDERGLQ_DC	Accumulated Other Comp Inc – Derivatives Unrealized Gain/Loss – Data Code- Qtrly	"46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation"
AOCIPEN_DC	Accumulated Other Comp Inc – Min Pension Liab Adj – Data Code - Annual	"5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation"
AOCIPEN_DC	Accumulated Other Comp Inc – Min Pension Liab Adj – Data Code - Annual	"46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation"
AOCIPENQ_DC	Accumulated Other Comp Inc – Min Pension Liab Adj – Data Code - Qtrly	"5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation"
AOCIPENQ_DC	Accumulated Other Comp Inc – Min Pension Liab Adj – Data Code – Qtrly	"46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation"
AOCISECGL_DC	Accumulated Other Comp Inc –Unreal G/L Ret Inv in Sec Assets – Data Code - Annual	"5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation"
AOCISECGL_DC	Accumulated Other Comp Inc –Unreal G/L Ret Inv in Sec Assets – Data Code - Annual	"46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation"
AOCISECGLQ_DC	Accumulated Other Comp Inc –Unreal G/L Ret Inv in Sec Assets – Data Code - Qtrly	"5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation"
AOCISECGLQ_DC	Accumulated Other Comp Inc –Unreal G/L Ret Inv in Sec Assets – Data Code - Qtrly	"46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation"
AOL2	Assets/Level 2 (Observable)	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
AQAQ_DC	Acquisition/Merger After-tax Data Code – Quarterly Data	"7, SFAS, Industrial Format, Pre-FASB, Standardized Presentation"
AQAY_DC	Acquisition/Merger After-tax Data Code – Annual Data	"7, SFAS, Industrial Format, Pre-FASB, Standardized Presentation"
AQDQ_DC	Acquisition/Merger Diluted EPS Effect Data Code – Quarterly Data	"7, SFAS, Industrial Format, Pre-FASB, Standardized Presentation"
AQDY_DC	Acquisition/Merger Diluted EPS Effect Data Code – Annual Data	"7, SFAS, Industrial Format, Pre-FASB, Standardized Presentation"
AQPL1	Assets/Level1 (Quoted Prices)	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
AUL3	Assets/Level 3 (Unobservable)	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
CIDERGL_DC	Comp Inc – Derivative Gain/Loss – Data Code	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
CSHO_FN	Common Shares Outstanding - Footnote	"7, SFAS, (Industrial Format, Pre- FASB, Standardized Presentation)"
CSTKE_DC	Common Stock Equivalents – Dollar Savings Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"

NEW ITEM MNEMONIC	NEW ITEM NAME	"KEYSET, TAG, DESCRIPTION"
CSTKE_DC	Common Stock Equivalents – Dollar Savings Data Code	"4, FS, Financial Services Format, Consolidated Information, Standard Presentation"
CSTKE_DC	Common Stock Equivalents – Dollar Savings Data Code	"44, BSTD, Bank Format, Consolidated Information, Standard Presentation"
CSTKE_DC	Common Stock Equivalents – Dollar Savings Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
CSTKE_DC	Common Stock Equivalents – Dollar Savings Data Code	"4, FS, Financial Services Format, Consolidated Information, Standard Presentation"
CSTKE_DC	Common Stock Equivalents – Dollar Savings Data Code	"44, BSTD, Bank Format, Consolidated Information, Standard Presentation"
FFPSS_DC	Federal Funds Purchased and Securities Sold Under Agreements to Repurchase – Data Code	"46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation"
GMEXP	Casino & Gaming Expenses	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMEXP_DC	Casino & Gaming Expenses – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMEXPQ	Casino & Gaming Expenses Quarterly	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMEXPQ_DC	Casino & Gaming Expenses Quarterly – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMEXPY	Casino & Gaming Expenses Year-to-Date	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMEXPY_DC	Casino & Gaming Expenses Year-to-Date – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBEXP	Gaming Food & Beverage Expenses	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBEXP_DC	Gaming Food & Beverage Expenses – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBEXPQ	Gaming Food & Beverage Expenses Quarterly	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBEXPQ_DC	Gaming Food & Beverage Expenses Quarterly – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBEXPY	Gaming Food & Beverage Expenses Year-to-Date	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBEXPY_DC	Gaming Food & Beverage Expenses Year-to-Date – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBPC	Gaming Food & Beverage Promo Costs	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBPC_DC	Gaming Food & Beverage Promo Costs – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBRECQ_DC	Gaming Food & Beverage Revenues Quarterly – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBREV	Gaming Food & Beverage Revenues	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBREV_DC	Gaming Food & Beverage Revenues – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBREVQ	Gaming Food & Beverage Revenues Quarterly	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBREVV	Gaming Food & Beverage Revenues Year-to-Date	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMFBREVV_DC	Gaming Food & Beverage Revenues Year-to-Date – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"

NEW ITEM MNEMONIC	NEW ITEM NAME	"KEYSET, TAG, DESCRIPTION"
GMOTHEXP	Gaming – Other Direct Gaming-Related Expenses	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMOTHEXPQ	Gaming – Other Direct Gaming-Related Expenses Quarterly	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMOTHEXPY	Gaming – Other Direct Gaming-Related Expenses Year-to-Date	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMOTHPC	Gaming – Other Promotional Costs	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMOTHREV	Gaming – Other Gaming-Related Revenues	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMOTHREVQ	Gaming – Other Gaming-Related Revenues Quarterly	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMOTHREVV	Gaming – Other Gaming-Related Revenues Year-to-Date	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMPROM	Gaming – Promotional Allowances	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMPROM_FN	Gaming – Promotional Allowances - Footnote	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMPROMQ	Gaming – Promotional Allowances Quarterly	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMPROMY	Gaming – Promotional Allowances Year-to-Date	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMREV	Casino & Gaming Revenues	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMREV_DC	Casino & Gaming Revenues – Data code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMREVQ	Casino & Gaming Revenues Quarterly	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMREVQ_DC	Casino & Gaming Revenues Quarterly – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMREVV	Casino & Gaming Revenues Year-to-Date	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMREVV_DC	Casino & Gaming Revenues Year-to-Date – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMRMEXP	Gaming – Room Expenses	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMRMEXP_DC	Gaming – Room Expenses – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMRMEXPQ	Gaming – Room Expenses Quarterly	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMRMEXPQ_DC	Gaming – Room Expenses Quarterly – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMRMEXPY	Gaming – Room Expenses Year-to-Date	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMRMEXPY_DC	Gaming – Room Expenses Year-to-Date – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMRMPC	Gaming – Rooms Promotional Costs	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMRMPC_DC	Gaming – Rooms Promotional Costs – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMRMREV	Gaming Room Revenues	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"

NEW ITEM MNEMONIC	NEW ITEM NAME	"KEYSET, TAG, DESCRIPTION"
GMRMREV_DC	Gaming Room Revenues – Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMRMREVQ	Gaming Room Revenues Quarterly	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
GMRMREVQ_DC	Gaming Room Revenues Quarterly – Data Code	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
GMRMREY	Gaming Room Revenues Year-to-Date	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
GMRMREY_DC	Gaming Room Revenues Year-to-Date – Data Code	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
GMROOMS	Gaming – Guestrooms & suites	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
GMSLOTS	Gaming – Slot Machines	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
GMSQF	Gaming – Casino Square Footage	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
GMTABLES	Gaming Tables	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
GMTOTPC	Gaming – Total Promotional Costs	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
GMTOTREV	Total Gaming & Related Revenues	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
GMTOTREVQ	Total Gaming & Related Revenues Quarterly	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
GMTOTREY	Total Gaming & Related Revenues Year-to-Date	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
HEDGEGL_FN	Gain/Loss on Ineffective Hedges - Footnote	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
HEDGEGLQ_FN	Gain/Loss on Ineffective Hedges Quarterly - Footnote	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
HFSTAYQ_FN	Average Length of Stay_Quarterly_Footnote	"1, STD, (Industrial Format, Consolidated, Standardized Presentation)"
HFSTAYY_FN	Average Length of Stay_Year-to-date_Footnote	"1, STD, (Industrial Format, Consolidated, Standardized Presentation)"
LGADR	Lodging – Average Daily Rate	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGADRQ	Lodging – Average Daily Rate Quarterly	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGADRY	Lodging – Average Daily Rate Year-to-Date	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGPROP	Hotel/Motel Properties	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGPROPQ	Hotel/Motel Properties Quarterly	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGPROPY	Hotel/Motel Properties Year-to-Date	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGREVPAR	Lodging – Revenue Per Available Room	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGREVPAR_FN	Lodging – Revenue Per Available Room - Footnote	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGREVPAR_FN	Lodging – Revenue Per Available Room Footnote	"5, PFO, Industrial Format, Pro-Forma Reporting, Standard Presentation"
LGREVPARQ	Lodging – Revenue Per Available Room Quarterly	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGREVPARQ_FN	Lodging – Revenue Per Available Room Quarterly - Footnote	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"

NEW ITEM MNEMONIC	NEW ITEM NAME	"KEYSET, TAG, DESCRIPTION"
LGREVPARQ_FN	Lodging – Revenue Per Available Room Quarterly - Footnote	"5, PFO, Industrial Format, Pro-Forma Reporting, Standard Presentation"
LGREVPARY	Lodging – Revenue Per Available Room Year-to-Date	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGREVPARY_FN	Lodging – Revenue Per Available Room Year-to-Date Footnote	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGREVPARY_FN	Lodging – Revenue Per Available Room Year-to-Date Footnote	"5, PFO, Industrial Format, Pro-Forma Reporting, Standard Presentation"
LGROOMS	Hotel/Motel Rooms	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGROOMSQ	Hotel/Motel Rooms Quarterly	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGROOMSY	Hotel/Motel Rooms Year-to-Date	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGROR	Lodging – Room Occupancy Rate	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGRORQ	Lodging – Room Occupancy Rate Quarterly	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LGRORY	Lodging – Room Occupancy Rate Year-to-Date	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
LNO	Liabilities Netting & Other Adjustments	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
LOL2	Liabilities Level 2 (Observable)	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
LQPL1	Liabilities Level 1 (Quoted Prices)	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
LUL3	Liabilities Level 3 (Unobservable)	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
NRTXTQ_DC	Nonrecurring Income Taxes-After-tax Data Code	"44, BSTD, Bank Format, Consolidated Information, Standardized Presentation"
OPTFVGR_FN	Options – Fair Value of Options Granted	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
ORFMQ_FN	Fuel Margin (actual \$ per gal) Footnote – Quarterly Data	"1, STD, Industrial Format, Consolidated Information, Standardized Presentation"
ORFMY_FN	Fuel Margin (actual \$ per gal) Footnote – Annual Data	"1, STD, Industrial Format, Consolidated Information, Standardized Presentation"
RDIPD_DC	In-Process R & D Expense Diluted EPS Effect Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
RDIPD_DC	In-Process R & D Expense Diluted EPS Effect Data Code	"1, STD, Industrial Format, Consolidated Information, Standard Presentation"
RECTA_DC	Accumulated Other Comp Inc –Cumulative Translation Adjustments – Data Code - Annual	"46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation"
RECTAQ_DC	Accumulated Other Comp Inc –Cumulative Translation Adjustments – Data Code - Qtrly	"5, PFO, Industrial Format, Pro Forma Reporting, Standard Presentation"
RECTAQ_DC	Accumulated Other Comp Inc –Cumulative Translation Adjustments – Data Code - Qtrly	"46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation"
SCBKTOBL	Semiconductor Book-to-Bill Ratio	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
SCBKTOBLQ	Semiconductor Book-to-Bill Ratio Quarterly	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
SCBKTOBLY	Semiconductor - Book-to-Bill Ratio Year-to-Date	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
SCBOOK	Semiconductor - Bookings	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
SCBOOKQ	Semiconductor – Bookings Quarterly	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"
SCBOOKY	Semiconductor – Bookings Year-to-Date	"1,STD, Industrial Format, Consolidated Information, Standard Presentation"

NEW ITEM MNEMONIC	NEW ITEM NAME	"KEYSET, TAG, DESCRIPTION"
SETA_DC	Settlement (Litigation/Insurance) After-tax_Data Code	"5, PFD, (Industrial Format, Pro Forma, Standardized Presentation)"
SETP_DC	Settlement (Litigation/Insurance) Pre-tax_Data Code	"5, PFD, (Industrial Format, Pro Forma, Standardized Presentation)"
SPID_DC	Other Special Items Diluted EPS Effect – Data Code	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
SPIEPS_DC	Other Special Items Basic EPS Effect – Data Code	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
TCOR_FN	Total Current Operating Revenue – Annual - Footnote	"46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation"
TFVA	Total Fair Value Assets	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
TFVCE	Total Fair Value Charges including Earnings	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
TFVCEQ_DC	Total Fair Value Changes including Earnings – Data Code - Qtrly	"46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation"
TFVCEQ_FN	Total Fair Value Changes Including Earnings_Quarterly_ Footnote	"7, SFAS, (Industrial Format, Pre- FASB, Standardized Presentation)"
TFVCESA_DC	Total Fair Value Changes Including Earnings_Annual_Data Code	"5, PFD, (Industrial Format, Pro Forma, Standardized Presentation)"
TFVCEY_DC	Total Fair Value Changes including Earnings – Data Code – Year-to-Date	"46, BPFO, Bank Format, Pro Forma Reporting, Standard Presentation"
TFVL	Total Fair Value Liabilities	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
TRANSA_DC	Cumulative Translation Adjustment Data Code	"15, FSFO, Financial Services Format, Pro Format Reporting, Standard Presentation"
WDA_DC	Writedowns After-tax – Data Code	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
WDD_DC	Writedowns Diluted EPS Effect - Data Code	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
WDEPS_DC	Writedowns Basic EPS Effect – Data Code	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"
WDP_DC	Writedowns Pretax – Data Code	"7, SFAS, Industrial Format, Pre-FASB Reporting, Standard Presentation"

## NEW KEYSET ADDED

A new keyset was added to the CCM database. The item to which this keyset applies is Inventory Valuation Method (INVVAL) .

KEYSET	TAG	KEYSET COMPONENT	KEYSET DESCRIPTION
40	FS4	DATAFMT = STD INDFMT = FS CONSOL = C RANK = 4	Financial Services Format, Consolidated Information, Standardized Presentation, Rank 4

## DATABASE DIFFERENCES BETWEEN CCM & CST

The following table summarizes general differences between the old CST legacy and new CCM databases.

Attribute	CCM Format Database (new)	CST Format Database
Source	<i>Compustat Xpressfeed</i>	<i>Compustat Legacy</i>
Volume Label	CMZyyyymm	CPZyyyymm
Size	6.2 Gb	2.4 Gb
Delivery Media	DVD	CD
CRSPAccess version	3.1 and higher – ts_print ccm_print	2.95, 2.97 – ts_print cst_print  3.1 and higher– ts_print_cst cst_print



CRSPSift Version (Windows only)	2.1 and higher – Standard, Professional, Enterprise versions	1.2, 2.0, 2.1 versions
SASECRSP Engine	Available in 2009	yes
C	Yes – CA3.1 and higher	yes
Fortran-95	Available 2009	yes
Number of Data Items	Over 4000 quarterly & annual data items	~ 1000 quarterly & annual data items

## PROGRAMMERS

- C-programming is supported with all CRSPAccess versions. New C sample programs are included in CRSPAccess 3.1 for use with the Xpressfeed data.
- Fortran programs are not currently supported in CRSPAccess 3.1. Subscribers using Fortran to access Compustat data should continue to use your current version of CRSPAccess along with the legacy CST formatted database. FORTRAN programming support will be available in a future release of CRSPAccess.
- SASECRSP users should also continue to use your current version of CRSPAccess along with the legacy CST formatted database. SASECRSP engine support for Xpressfeed data will be available in a future release of CRSPAccess.

## JULY 2009 INFORMATION

The cut date for these release notes is July 11, 2009.

## PARAMETERS

Legacy CPZ 200907	
Number of CRSP Securities	24077
Number of GVKEYS	34099
Number of Links	64178
Database Size	2.45 GB

NEW CMZ 200907	
Total Compustat Records	38339
Total GVKEY Companies	36141
Total GVKEYX Indexes	2198
Total GVKEY/IID Securities	42588
Total CRSP Securities Linked	24292
Total GVKEYs in Link	35074
Total Link Records	80328

NEW CMZ 200907	
Total Link Records with a Link to CRSP	28395
Database Size	6.31 GB

## CALENDARS

The CCM database utilizes the CRSP stock calendars to align properly with CRSP data. Data in the CRSP daily Stock (and Indices) 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	19251231-20090710	1-22156
Monthly trading calendar	19251231-20121231	1-1057
Annual trading calendar	19251231-20091231	1-86
Quarterly trading calendar	19251231-20091231	1-341
Semi-Annual trading calendar	19251231-20091231	1-171
Weekly trading calendar	19260102-20090710	1-4358