

# CRSP/COMPUSTAT RELEASE NOTES

JULY 2024 ANNUAL UPDATE

## CRSP/COMPUSTAT SAS, ASCII, AND R FILES

These files are intended for use with the CRSP SAS and ASCII stock files and Compustat data files that contain GVKEYs and IIDs.

While a full subscription is required for either, for convenience and efficiency for some users, two packages are available:

- CFZ – Complete set of all files
- CLZ – Link package - a subset of the full CRSP/ Compustat SAS, ASCII and R data files. The set consists only of files used for linking the CRSP and Compustat data. These files are intended for use with the CRSP SAS, ASCII and R stock files and Compustat data files that contain GVKEYs and IIDs.

These files are covered in existing CCM license agreements. To request them for download through CRSP's MOVEit site, please email [support@crsp.org](mailto:support@crsp.org) or call 312-263-6400, Option 2.

## ABOUT THE JULY 2024 CRSP/COMPUSTAT MERGED DATABASE

The cut date for these release notes is 20240713.

## 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	19251231-20240712	1-25932
MONTHLY TRADING CALENDAR	19251231-20281231	1-1237
ANNUAL TRADING CALENDAR	19251231-20251231	1-101
QUARTERLY TRADING CALENDAR	19251231-20251231	1-401
SEMI-ANNUAL TRADING CALENDAR	19251231-20251231	1-201
WEEKLY TRADING CALENDAR	19260102-20240712	1-5141

## DATABASE CHARACTERISTICS

The following table summarizes general characteristics of the CCM database:

ATTRIBUTE	CCM FORMAT DATABASE
SOURCE	COMPUSTAT XPRESSFEED
VOLUME LABELS	CMZ20240712 - CRSPACCESS CFZ20240712 - SAS/ASCII/R CLZ20240712 (LINK ONLY) - SAS/ASCII/R
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 9.4
C	YES – CA3.22 AND HIGHER
NUMBER OF DATA ITEMS	OVER 4,000 QUARTERLY & ANNUAL DATA ITEMS

DATABASE PARAMETERS	
TOTAL COMPUSTAT RECORDS	56,326
TOTAL GVKEY COMPANIES	54,128
TOTAL GVKEYX INDEXES	2,198
TOTAL GVKEY/IID SECURITIES	72,457
TOTAL CRSP SECURITIES LINKED	34,630
TOTAL GVKEYS IN LINK	54,078
TOTAL LINK RECORDS	120,318
TOTAL LINK RECORDS WITH A LINK TO CRSP	40,100
DB SIZE:	
CMZ	12.04 GB
CFZ - ASCII	11.66 GB
CFZ - SAS	32.12 GB
CFZ - R	1.60 GB
CLZ - ASCII	1.24 GB
CLZ - SAS	2.05 GB
CLZ - R	50.95 MB



## NOTES ABOUT THIS RELEASE:

An issue was discovered with the production of the Compustat Flat Files that prevented some security-level data from being included. Most of the impacted data was non-primary securities. The issue has been corrected in the flat files, and the following files now have updated data to include additional IIDs:

- SECURITYCONSTITUENTS
- SECURITYDIVIDENDEVENTFOOTNOTES
- SECURITYHEADERHISTORY
- SECURITYSPINDEXEVENTS
- SECURITYSPRITEVENTFOOTNOTES
- SECURITYSPRITEVENTS

## JULY 2024 INDIVIDUAL LINK EDITS

### GVKEY 32280 STARZ

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19950810	0	0	00X	NR	C
19950811	19990309	81875	4388	01	LC	P
19990310	20010809	86746	20103	01	LC	P
20010810	20060509	89130	41998	01	LC	P
20060510	20110925	91275	41998	01	LC	P
20110926	20161230	13008	53884	01	LC	P
19950831	20060509	0	0	02	NR	J
20060510	20110925	91276	41998	02	LS	J
20110926	20161230	13009	53884	02	LS	J

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19950101	19950810	0	0	00X	NR	C
19950811	19990309	81875	4388	01	LC	P
19990310	20010809	86746	20103	01	LC	P
20010810	20060509	89130	41998	01	LC	P
20060510	20110925	91275	41998	01	LC	P
20110926	20161230	13008	53884	01	LC	P
19950811	19990309	82187	4388	02	LC	J
19990310	20010809	86747	20103	02	LC	J
20010810	20060509	89131	41998	02	LC	J
20060510	20110925	91276	41998	02	LC	J
20110926	20161230	13009	53884	02	LC	J

### GVKEY 238157 SPARK NETWORKS INC

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20000101	20030828	0	0	00X	NR	C
20060228	20070708	0	0	01	NR	P
20070709	20171130	92185	52531	01	LC	P
20030829	20050228	0	0	90	NR	C

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20050301	20060227	0	0	90	NR	C
20060228	20070330	0	0	90	NR	N

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20000101	20030828	0	0	00X	NR	C
20060214	20070708	91120	50320	01	LC	P
20070709	20171130	92185	52531	01	LC	P
20030829	20050228	0	0	90	NR	C
20050301	20060213	0	0	90	NR	C
20060214	20070330	0	0	90	NR	N

**GVKEY 13710 CEDAR FAIR - LP**

**OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860101	19870422	0	0 0	0X	NU	C
19870423	99999999	75041	20409	01	LU	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860101	19870422	0	0	00X	NR	C
19870423	99999999	75041	20409	01	LC	P

**JUNE 2024 INDIVIDUAL LINK EDITS**

**GVKEY 43401 PROSHARES ETHER STRATEGY ETF**

**OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20231002	99999999	24436	59686	01	LS	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20230101	20231001	0	0	00X	NR	C
20231002	99999999	24436	50846	01	LS	P

**GVKEY 43402 PROSHARES BC & ETR E W S ETF**

**OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20231002	99999999	24438	59686	01	LS	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20230101	20231001	0	0	00X	NR	C
20231002	99999999	24438	50846	01	LS	P

**GVKEY 43403 PROSHARES BI & E M C W S ETF**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20231002	99999999	24437	59686	01	LS	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20230101	20231001	0	0	00X	NR	C
20231002	99999999	24437	50846	01	LS	P

**GVKEY 43549 PROSHARES SHORT ETR STGY ETF**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20231102	99999999	24526	59686	01	LS	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20230101	20231101	0	0	00X	NR	C
20231102	99999999	24526	50846	01	LS	P

**GVKEY 13556 THALES SA**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850101	19860722	0	0	00X	NU	C
19860723	19860730	75508	8424	00X	LU	C
19860731	19960702	75508	8424	90	LU	P
19960703	20171231	0	0	90	NU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19850101	19860722	0	0	00X	NR	C
19860723	19960702	75508	8424	90	LC	P
19960703	20171031	0	0	90	NR	P
20171101	20171228	0	0	90	NR	C
20171229	20171229	0	0	90	NR	N
20171229	99999999	0	0	91	NR	P

**MAY 2024 INDIVIDUAL LINK EDITS****GVKEY 65365 NICHOLAS FINANCIAL INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960229	19971229	0	0	01	NU	C
19971230	99999999	85705	15909	01	LU	C
19960131	19960228	0	0	01C	NU	C
19960229	19971229	0	0	01C	NU	N
19971230	19980331	85705	15909	01C	LX	N

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19960229	19971229	0	0	01	NR	C
19971230	99999999	85705	15909	01	LC	C
19960131	19960228	0	0	01C	NR	C
19960229	19971229	0	0	01C	NR	N
19971230	19980331	85705	15909	01C	LX	N

**APRIL 2024 INDIVIDUAL LINK EDITS****GVKEY 27877 PMV CONSUMER ACQU CORP -REDH****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20200930	20201031	0	0	01	NR	P
20201101	20201111	0	0	01	NR	C
20201112	99999999	0	0	01	NR	N
20201112	99999999	20098	57308	02	LC	C

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20200930	20201031	0	0	01	NR	P
20201101	20201111	0	0	01	NR	C
20201112	20221130	0	0	01	NR	N
20201112	20221021	20098	57308	02	LC	C
20221022	99999999	0	0	02	NR	C

**GVKEY 34439 WAITR HOLDINGS INC****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20181116	99999999	16173	55565	01	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20150101	20181115	0	0	00X	NR	C
20181116	20230201	16173	55565	01	LC	P
20230202	99999999	0	0	01	NR	P

**GVKEY 36399 POLISHED.COM INC****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20180101	20200730	0	0	00X	NR	C
20200731	99999999	19515	57149	01	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20180101	20200730	0	0	00X	NR	C
20200731	20240229	19515	57149	01	LC	P
20240301	99999999	0	0	01	NR	P

**GVKEY 37268 NU RIDE INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20201026	99999999	18552	56644	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20190101	20201025	0	0	00X	NR	C
20201026	20230706	18552	56644	01	LC	P
20230707	99999999	0	0	01	NR	P

**GVKEY 42281 YANGUFANG INTL GROUP CO LTD**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20230328	99999999	23813	59532	01	LS	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20200701	20230327	0	0	00X	NR	C
20230328	20240208	23813	59532	01	LC	P
20240209	99999999	0	0	01	NR	P

**GVKEY 183739 INTELLIPHARMACEUTICS INTL**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20091022	99999999	93082	53250	01	LC	P
20091022	99999999	93082	53250	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20081201	20091021	0	0	00X	NR	C
20091022	20190320	93082	53250	01	LC	P
20190321	99999999	0	0	01	NR	P
20091022	99999999	93082	53250	01C	LX	N

**GVKEY 37363 BINAH CAPITAL GRUP INC -REDH**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20201130	20210131	0	0	01	NR	P
20210201	20210216	0	0	01	NR	C
20210217	99999999	0	0	01	NR	N
20210217	99999999	20542	57541	03	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20201130	20210131	0	0	01	NR	P
20210201	20210216	0	0	01	NR	C
20210217	20240328	0	0	01	NR	N

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20210217	20220712	20542	57541	03	LC	P
20220713	20240326	0	0	03	NR	P
20240327	99999999	24937	59823	03	LC	P

### MARCH 2024 INDIVIDUAL LINK EDITS

#### GVKEY 3504 COOPER COS INC

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19811101	19830120	0	0	00X	NU	C
19830121	99999999	65541	5780	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19811101	19830120	0	0	00X	NR	C
19830121	99999999	65541	5780	01	LC	P

#### GVKEY 27760 BOWFLEX INC

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990505	99999999	86889	16506	01	LU	P
19930129	19990504	0	0	01C	NU	C
19990505	19990531	86889	16506	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990505	99999999	86889	16506	01	LC	P
19930129	19990504	0	0	01C	NR	C
19990505	19990531	86889	16506	01C	LX	N

#### GVKEY 39944 FINANCIAL STRG AQ COP-REDH

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20211231	20211231	0	0	01	NR	P
20220101	20220109	0	0	01	NR	C
20220110	99999999	0	0	01	NR	N
20220110	99999999	22647	59072	02	LC	C

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20211231	20220109	0	0	01	NR	P
20220110	20220131	0	0	01	NR	J
20220110	20230626	22647	59072	02	LC	P
20230627	20230710	0	0	02	NR	P
20230711	20230830	22647	59072	02	LC	P
20230831	99999999	0	0	02	NR	P
20240229	99999999	0	0	03	NR	J

**GVKEY 21522 VYNE THERAPEUTICS INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20120101	20140929	0	0	00X	NR	C
20140930	20200306	0	0	01	NR	P
20200307	99999999	17266	56233	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20130101	20140917	0	0	00X	NR	C
20140918	20200306	14929	55025	01	LC	P
20200307	99999999	17266	56233	01	LC	P

**FEBRUARY 2024 INDIVIDUAL LINK EDITS****GVKEY 3504 COOPER COS INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19811101	19830120	0	0	00X	NU	C
19830121	99999999	65541	5780	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19811101	19830120	0	0	00X	NR	C
19830121	99999999	65541	5780	01	LC	P

**GVKEY 27760 BOWFLEX INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990505	99999999	86889	16506	01	LU	P
19930129	19990504	0	0	01C	NU	C
19990505	19990531	86889	16506	01C	LX	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990505	99999999	86889	16506	01	LC	P
19930129	19990504	0	0	01C	NR	C
19990505	19990531	86889	16506	01C	LX	N

**GVKEY 39944 FINANCIAL STRG AQ COP-REDH**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20211231	20211231	0	0	01	NR	P
20220101	20220109	0	0	01	NR	C
20220110	99999999	0	0	01	NR	N
20220110	99999999	22647	59072	02	LC	C



**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20211231	20220109	0	0	01	NR	P
20220110	20220131	0	0	01	NR	J
20220110	20230626	22647	59072	02	LC	P
20230627	20230710	0	0	02	NR	P
20230711	20230830	22647	59072	02	LC	P
20230831	99999999	0	0	02	NR	P
20240229	99999999	0	0	03	NR	J

**GVKEY 21522 VYNE THERAPEUTICS INC****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20120101	20140929	0	0	00X	NR	C
20140930	20200306	0	0	01	NR	P
20200307	99999999	17266	56233	01	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20130101	20140917	0	0	00X	NR	C
20140918	20200306	14929	55025	01	LC	P
20200307	99999999	17266	56233	01	LC	P

**JANUARY 2024 LINK EDITS****GVKEY 13480 EBIX INC****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860401	19870630	0	0	00X	NU	C
19870701	99999999	11481	9312	01	LU	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19860401	19870630	0	0	00X	NR	C
19870701	20231227	11481	9312	01	LC	P
20231228	99999999	0	0	01	NR	P

**GVKEY 15489 HUMANIGEN INC****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20100101	20130130	0	0	00X	NR	C
20130131	20151216	13755	54309	01	LC	P
20151217	20200917	0	0	01	NR	P
20200918	99999999	13755	54309	01	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20100101	20130130	0	0	00X	NR	C
20130131	20151216	13755	54309	01	LC	P
20151217	20200917	0	0	01	NR	P
20200918	20230725	13755	54309	01	LC	P
20230726	99999999	0	0	01	NR	P

**GVKEY 22144 MICRON SOLUTIONS INC****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19851201	19901203	0	0	00X	NU	C
19901204	99999999	76544	28929	03	LU	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19851201	19901203	0	0	00X	NR	C
19901204	20200403	76544	28929	03	LC	P
20200404	99999999	0	0	03	NR	P

**DECEMBER 2023 LINK EDITS****GVKEY 35909 KALEYRA INC****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20180101	20191125	0	0	00X	NR	C
20191126	20231031	17245	56192	01	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20180101	20191125	0	0	00X	NR	C
20191126	20231004	17245	56192	01	LC	P
20231031	20231031	0	0	02	NR	J

**GVKEY 36869 APEXIGEN INC****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20210129	20210131	0	0	01	NR	P
20210201	20210221	0	0	01	NR	C
20210222	20220731	0	0	01	NR	N
20210222	20230831	20574	57712	02	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20210101	20210128	0	0	00X	NR	C
20210129	20210131	0	0	01	NR	P
20210201	20210221	0	0	01	NR	C
20210222	20220731	0	0	01	NR	N

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20210222	20230822	20574	57712	02	LC	P
20230831	20230831	0	0	03	NR	J

**GVKEY 37607 EMBARK TECHNOLOGY INC**

**OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20210129	20210228	0	0	01	NR	P
20210301	20210304	0	0	01	NR	C
20210305	20211029	0	0	01	NR	N
20210305	20230831	20717	57688	02	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20200101	20210128	0	0	00X	NR	C
20210129	20210228	0	0	01	NR	P
20210301	20210304	0	0	01	NR	C
20210305	20211029	0	0	01	NR	N
20210305	20230801	20717	57688	02	LC	P
20230831	20230831	0	0	03	NR	J

**GVKEY 37861 CARLOTZ INC**

**OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20210122	20221230	18546	56639	01	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20190101	20210121	0	0	00X	NR	C
20210122	20221208	18546	56639	01	LC	P
20221230	20221230	0	0	02	NR	J

**NOVEMBER 2023 LINK EDITS**

**GVKEY 39195 SUNLIGHT FINANCIAL HOLDINGS**

**OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20210712	99999999	20390	57547	01	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20200101	20210711	0	0	00X	NR	C
20210712	20230925	20390	57547	01	LC	P
20230926	99999999	0	0	01	NR	P

**GVKEY 39535 IRONNET INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20210827	99999999	19295	56942	01	LC	P
20230731	99999999	0	0	02	NR	N

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20200201	20210826	0	0	00X	NR	C
20210827	20230804	19295	56942	01	LC	P
20230805	99999999	0	0	01	NR	P
20230731	99999999	0	0	02	NR	N

**GVKEY 61815 BROADWAY FINANCIAL CORP/DE**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19960108	0	0	00X	NU	C
19960109	99999999	82812	14283	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19940101	19960108	0	0	00X	NR	C
19960109	99999999	82812	14283	01	LC	P

**GVKEY 122175 VIRNETX HOLDING CORP**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	19990729	0	0	00X	NU	C
19990730	99999999	87084	16687	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19980101	19990729	0	0	00X	NR	C
19990730	20011008	87084	16687	01	LC	P
20011009	20071225	0	0	01	NR	P
20071226	99999999	87084	16687	01	LC	P

**OCTOBER 2023 LINK EDITS****GVKEY 31823 VENATOR MATERIALS PLC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20120101	20170802	0	0	00X	NR	C
20170803	99999999	16875	56041	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20130101	20170802	0	0	00X	NR	C
20170803	20230512	16875	56041	01	LC	P

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20230513	99999999	0	0	01	NR	P

**GVKEY 37756 WEJO GROUP LTD**

**OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20210129	20210228	0	0	01	NR	P
20210301	20210314	0	0	01	NR	C
20210315	20211130	0	0	01	NR	N
20210315	20211118	20885	57791	02	LC	P
20211119	99999999	22352	58993	02	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20210101	20210128	0	0	00X	NR	C
20210129	20210228	0	0	01	NR	P
20210301	20210314	0	0	01	NR	C
20210315	20211130	0	0	01	NR	N
20210315	20211118	20885	57791	02	LC	P
20211119	20230608	22352	58993	02	LC	P
20230609	99999999	0	0	02	NR	P

**GVKEY 31717 IRSA INVERSIONES Y REPSTN SA**

**OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930701	19941219	0	0	00X	NU	C
20211130	20211130	0	0	03	NR	N
19941220	99999999	81127	30828	90	LU	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19930701	19941219	0	0	00X	NR	C
20211130	20211130	0	0	03	NR	N
19941220	99999999	81127	30828	90	LC	P

**GVKEY 125240 WORLD WRESTLING ENTMT INC**

**OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970501	19991018	0	0	00X	NU	C
19991019	99999999	87356	17205	01	LU	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19970501	19991018	0	0	00X	NR	C
19991019	99999999	87356	17205	01	LC	P

**GVKEY 183822 ARMOUR RESIDENTIAL REIT INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20091109	99999999	92477	52831	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20091109	20100131	92477	52831	01	LC	P
20100201	20100615	0	0	01	NR	P
20100616	99999999	92477	52831	01	LC	P

**GVKEY 196269 FORTRESS BIOTECH INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20080101	20111218	0	0	00X	NR	C
20111219	99999999	13159	53958	01	LC	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20090101	20111129	0	0	00X	NR	C
20111130	20111218	0	0	01	NR	P
20111219	99999999	13159	53958	01	LC	P

**SEPTEMBER 2023 LINK EDITS****GVKEY 3946 DIEBOLD NIXDORF INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	0	0	00X	NU	C
19620131	19640426	0	0	01	NU	P
19640427	99999999	40440	20582	01	LU	P

NEW:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19500101	19620130	0	0	00X	NU	C
19620131	19640426	0	0	01	NU	P
19640427	20230526	40440	20582	01	LC	P
20230527	20230731	0	0	01	NR	P
20230801	20230813	0	0	01	NR	C
20230814	99999999	0	0	01	NR	N
20230814	99999999	24090	20582	02	LC	P

**GVKEY 24912 ACORN ENERGY INC**

OLD:

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900101	19920210	0	0	00X	NR	C
19920211	99999999	77327	11335	01	LU	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19900101	19920210	0	0	00X	NR	C
19920211	20050126	77327	11335	01	LC	P
20050127	20071216	0	0	01	NR	P
20071217	20150723	77327	11335	01	LC	P
20150724	99999999	0	0	01	NR	P

**GVKEY 122916 REGENETP INC****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990101	19990830	0	0	00X	NR	C
19990831	20050125	0	0	01	NR	P
20050126	99999999	90539	46107	01	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
19990101	19990830	0	0	00X	NR	C
19990831	20050125	0	0	01	NR	P
20050126	20230615	90539	46107	01	LC	P
20230616	99999999	0	0	01	NR	P

**AUGUST 2023 LINK EDITS****GVKEY 34074 QUTOUTIAO INC -ADR****OLD:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20160101	20180913	0	0	00X	NR	C
20180914	20230331	18127	56527	90	LC	P

**NEW:**

LINKDT	LINKENDDT	LPERMNO	LPERMCO	LIID	LINKTYPE	LINKPRIM
20160101	20180913	0	0	00X	NR	C
20180914	20230322	18127	56527	90	LC	C
20230323	99999999	0	0	90	NR	C

**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.org](mailto:support@crsp.org) or call 312-263-6400, Option 2.

**SETTING ENVIRONMENT VARIABLES FOR CDAB DATABASE**

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.

[Click here to view a copy of the CRSP/Compustat Merged Database Guide.](#)