

CRSP SURVIVOR-BIAS-FREE US MUTUAL FUND DATABASE

OCTOBER 2016 QUARTERLY UPDATE

These Release Notes accompany the October 2016 quarterly release of the CRSP Survivor-Bias-Free US Mutual Fund Database, and contain data through September 2016.

DATABASE CHANGES

VENDOR NAV CHANGES

We applied edits to over 6000 daily (and corresponding monthly) NAV records over the last quarter based off add, delete and change records received from our vendor. Edits include 96 NAV changes, 365 NAV removals and 5632 NAV additions covering a date range of 1999-2016.

VENDOR DIV CHANGES

We applied edits to over 800 dividend records over the last quarter based off add, delete and change records received from our vendor. Edits include 22 dividend type changes, 397 dividend amount changes, 3 dividend removals and 401 dividend additions covering a date range of 1997-2016.

FUND_HDR EDITS

The following changes were applied to the fund_hdr dataset:

- Missing crsp_cl_grp ids were filled in for 774 crsp funds
- Missing NASDAQ symbols were filled in for 1,313 crsp funds
- retail_fund flag was changed to 'Y' for 542 crsp_funds
- inst_fund flag was changed to 'Y' for 607 crsp_funds
- dead_fund flag was changed to 'Y' for 91 active funds

FILE VERSION SPECIFICS

The database has 61,436 total funds. Of these 33,031 are active and 28,405 are delisted.

The 33,082 active mutual fund classes are assets within 12,232 unique mutual funds (determined by unique crsp_cl_grp)

The 28,405 inactive mutual fund classes are assets within 14,873 unique mutual funds (determined by unique crsp_cl_grp)

The biggest table is HOLDINGS with 157,751,837 rows.

The mutual fund database is available in SAS and ASCII formats and as a CRSPAccess database for access through CRSPSift for Windows.

NUMBER OF ROWS SUMMARY

The following table identifies the number of rows for each table in the database.

TABLE	ROWS
contact_info	234,726
crsp_portno_map	70,757
daily_nav	108,652,717
daily_returns	109,301,675
dividends	2,914,714
front_load_det	102,118
front_load_grp	32,912
fund_fees	429,690
fund_hdr	61,436
fund_hdr_hist	410,490
fund_style	157,314
fund_summary	1,793,689
holdings	157,751,837
holdings_co_info	1,284,653
monthly_nav	6,375,374
monthly_returns	6,379,810
monthly_tna	6,095,305
rear_load_det	151,395
rear_load_grp	49,041

SYSTEM REQUIREMENTS

- SAS version 8, SAS version 9.1, or a relational database of your choice.
- Sufficient disk space to load and manipulate the database:

DATABASE FORMAT	DISK SPACE REQUIRED
SAS V 9.1	13.68 GB
ASCII Data	15.77 GB
CRSPAccess	10.06 GB

GENERAL NOTES:

- The table with the largest number of rows is the holdings table, containing 157,751,837 rows.
- A blank field means either that data was not applicable to a fund or that data is not available.
- A field with a “?” in it is a flag to indicate further research is required.
- A field has a zero in it when 1) The fund did not exist; 2) No value could be found; or 3) A calculated value could not be calculated because information was missing.

INSTALLS AND DATA FORMATS

ZIP INSTALLS

CRSP uses a zip process for data installation. ZIP utilities that are standard on all platforms should work to unzip the databases. On Windows computers, CRSP recommends using 7-ZIP, which can be downloaded from this site: <http://www.7-zip.org/>

Several important items to note follow:

- All directories are extracted to lower case letters. For example: C:\crspdata\miz201308
- All Windows Users: Extracting a zipped file does not create an installed program in Windows. It will not show in the Windows Control Panel. When uninstalling the data, just delete the directories that contain the detailed files
- Red Hat Linux Users: If your version of Red Hat is earlier than 6.0, you will need to install an updated version of the “File Roller” program in order to install the data

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 or call 312-263-6400, Option 2.