

**CRSP®**

Center for Research in Security Prices

# **CRSP US 1925-E STOCK & INDEXES DATABASES**

**SAS & ASCII FILES**

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## **CRSP CONTACT INFORMATION**

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# CRSP US 1925-E STOCK & INDEXES: SAS & ASCII FILES

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## Flat File Table Layouts

Five sets of flat files are built from the CRSP Stock and Index databases. A number of our subscribers have long requested alternate formats of our databases in order to automate or streamline their processes and easily ingest CRSP data into them. These flat files are intended for these purposes.

- SIZ – 1925 US Stock and Indexes
- SAZ – 1925 US Stock
- SXZ – 1962 US Stock and Indexes
- S6Z – 1962 US Stock
- SFZ - 1925 US Indexes

| STOCK FILES                         | SAS                 | ASCII          |
|-------------------------------------|---------------------|----------------|
| Delist – Daily Return Information   | sfz_del.sas7bdat    | sfz_del.dat    |
| Delist – Monthly Return Information | sfz_mdel.sas7bdat   | sfz_mdel.dat   |
| Distributions                       | sfz_dis.sas7bdat    | sfz_dis.dat    |
| Index Membership *                  | sfz_mbr.sas7bdat    | sfz_mbr.dat    |
| Name History                        | sfz_nam.sas7bdat    | sfz_nam.dat    |
| NASDAQ History                      | sfz_ndi.sas7bdat    | sfz_ndi.dat    |
| Portfolio Membership - Daily *      | sfz_portd.sas7bdat  | sfz_portd.dat  |
| Portfolio Membership - Monthly *    | sfz_portm.sas7bdat  | sfz_portm.dat  |
| Security Header Information         | sfz_hdr.sas7bdat    | sfz_hdr.dat    |
| Shares History                      | sfz_shr.sas7bdat    | sfz_shr.dat    |
| Time Series – Daily Primary         | sfz_dp_dly.sas7bdat | sfz_dp_dly.dat |
| Time Series – Daily Secondary       | sfz_ds_dly.sas7bdat | sfz_ds_dly.dat |
| Time Series - Monthly               | sfz_mth.sas7bdat    | sfz_mth.dat    |

| INDEX FILES                 | SAS                 | ASCII          |
|-----------------------------|---------------------|----------------|
| Index Header                | sfz_indhdr.sas7bdat | sfz_indhdr.dat |
| Rebalance *                 | sfz_rb.sas7bdat     | sfz_rb.dat     |
| Time Series – Daily Index   | sfz_dind.sas7bdat   | sfz_dind.dat   |
| Time Series – Monthly Index | sfz_mind.sas7bdat   | sfz_mind.dat   |

\* Available in 1925 and 1962 US Stock & Indexes, and 1925 US Indexes, but are NOT available in 1925 and 1962 US Stock.

## Overview

Comparisons between the legacy CRSPAccess Stock and Index databases and the CRSP flat files will reveal differences, outlined here:

### Derived Data

The flat files provide all of the underlying data that can be used to generate derived data items, but do not include the derived items themselves. Examples of derived data that TSQuery and ts\_print can generate that are not found in the flat include excess and cumulative returns, last non-missing, recent, previous period versions of time series data items.

### Double Precision

CRSPAccess stored most items, including commonly used Price (PRC), Ask or High Price (ASKHI), and Bid or Low Price (BIDLO), as 4-byte floating point numbers. The SAS format defaults to storing those items as 8-byte (double precision) floating point numbers. For the majority of historical values, this does not result in any difference. However, the conversion to SAS's double precision, makes more apparent a known issue of phantom precision related to decimal pricing. For example, IBM's price on 11/27/2015 of \$138.46 will, if displayed with five decimal places, show \$138.46001. The ASCII version, by outputting only seven significant digits in scientific notation, will have just 1.384600E+02, and no phantom precision.

CRSP is re-engineering our back office to correct the phantom precision and increase the real precision throughout the Stock and Indexes flat files in the coming year.

### 9-Character CUSIP

Subscribers have long-requested the addition of 9-character cusips to our databases. The flat files include them in the name- and header history files.

### CRSP Total Market

The investable CRSP Total Market Index is included in the index files associated with the stock and index database. Daily price-only and total returns, levels, and counts are included.

### Volumes differences

The introduction of double precision allows for the monthly volumes to be stored in same unit (1 share) as daily volumes rather than as a unit of 100 shares. So monthly volumes in the flat files are now stored as one hundred times the value in legacy CRSPAccess. The change also allowed for four missing daily volumes for Citigroup in 2009 and 2010 to be replaced with actual values that were in excess of two billion, and for those monthly volumes to be recalculated.

| KYPERMNO | CALDT      | NEW VOL       | MCALDT     | NEW MVOL       |
|----------|------------|---------------|------------|----------------|
| 70519    | 08/05/2009 | 2,674,463,281 | 08/31/2009 | 22,798,732,177 |
| 70519    | 12/17/2009 | 3,772,638,437 | 12/31/2009 | 15,021,795,593 |
| 70519    | 12/18/2009 | 2,813,697,156 |            |                |
| 70519    | 12/07/2010 | 3,267,829,406 | 08/31/2009 | 13,427,190,606 |

### Missing Values

In CRSPAccess, missing values were indicated by the use of defined non-null values (e.g -99 for returns and 0 for prices). In the flat files, missing values are now represented by null values.

In the SAS files, CRSP uses the default SAS missing value, displayed as a "." In the coming year, CRSP will be further examining all missing value conventions.

## Stock Data File Layouts

In the following tables, "\*" designates items on which to key.

### Delist – Daily Return Information

|   | COLUMN NAME | DESCRIPTION                        | .DAT FILE FORMAT |
|---|-------------|------------------------------------|------------------|
| * | KYPERMNO    | PERMNO                             | %6d              |
| * | DLSTDT      | Delist Date                        | %8d              |
|   | DLSTCD      | Delist Code                        | %3d              |
|   | NWPERM      | New PERMNO                         | %8d              |
|   | NWCOMP      | New PERMCO                         | %8d              |
|   | NEXTDT      | Date of Next Available Information | %8d              |
|   | DLPRC       | Delisting Price                    | %14.6e           |
|   | DLPDT       | Delisting Payment Date             | %8d              |
|   | DLAMT       | Delisting Amount                   | %14.6e           |
|   | DLRET       | Delisting Return                   | %14.6e           |
|   | DLRETX      | Delisting Return without Dividends | %14.6e           |

### Delist – Monthly Return Information

|   | COLUMN NAME | DESCRIPTION                        | .DAT FILE FORMAT |
|---|-------------|------------------------------------|------------------|
| * | KYPERMNO    | PERMNO                             | %6d              |
| * | MDLSTDT     | Delist Date                        | %8d              |
|   | MDLSTCD     | Delist Code                        | %3d              |
|   | MNWPERM     | New PERMNO                         | %8d              |
|   | MNWCOMP     | New PERMCO                         | %8d              |
|   | MNEXTDT     | Date of Next Available Information | %8d              |
|   | MDLPRC      | Delisting Price                    | %14.6e           |
|   | MDLPDT      | Delisting Payment Date             | %8d              |
|   | MDLAMT      | Delisting Amount                   | %14.6e           |
|   | MDLRET      | Delisting Return                   | %14.6e           |
|   | MDLRETX     | Delisting Return without Dividends | %14.6e           |

### Distributions

|   | COLUMN NAME | DESCRIPTION             | .DAT FILE FORMAT |
|---|-------------|-------------------------|------------------|
| * | KYPERMNO    | PERMNO                  | %6d              |
| * | DISTCD      | Distribution Code       | %4d              |
|   | DIVAMT      | Dividend Amount         | %14.6e           |
|   | FACPR       | Factor to Adjust Price  | %14.6e           |
|   | FACSHR      | Factor to Adjust Shares | %14.6e           |
|   | DCLRDT      | Declaration Date        | %8d              |
| * | EXDT        | Ex-Distribution Date    | %8d              |
|   | RCRDDT      | Record Date             | %8d              |
|   | PAYDT       | Payment Date            | %8d              |

|   |        |                  |     |
|---|--------|------------------|-----|
| * | ACPERM | Acquiring PERMNO | %6d |
|   | ACCOMP | Acquiring PERMCO | %6d |

### Index Membership

Available in 1925 and 1962 US Stock & Indexes, and 1925 US Indexes, but are NOT available in 1925 and 1962 US Stock.

|   | COLUMN NAME | DESCRIPTION       | .DAT FILE FORMAT |
|---|-------------|-------------------|------------------|
| * | KYPERMNO    |                   | %6d              |
| * | KEYSET      |                   | %8d              |
| * | MBRDT       | Member Begin Date | %8d              |
|   | MBREDDT     | Member End Date   | %8d              |
|   | MBRFLAG     | Member Flag       | %6d              |

### NAME HISTORY

|   | COLUMN NAME | DESCRIPTION             | .DAT FILE FORMAT |
|---|-------------|-------------------------|------------------|
| * | KYPERMNO    | PERMNO                  | %6d              |
| * | NAMEDT      | Name History Begin Date | %8d              |
|   | NAMEENDDT   | Name History End Date   | %8d              |
|   | NCUSIP      | CUSIP                   | %-15s            |
|   | NCUSIP9     | CUSIP9                  | %9s              |
|   | TICKER      | Ticker                  | %-7s             |
|   | COMNAM      | Company Name            | %-35s            |
|   | SHRCLS      | Share Class             | %-3s             |
|   | SHRCD       | Share Code              | %2d              |
|   | EXCHCD      | Exchange Code           | %2d              |
|   | SICCD       | SIC Code                | %4d              |
|   | TSYMBOL     | Trading Symbol          | %-11s            |
|   | SNAICS      | NAICS Code              | %-7s             |
|   | PRIMEXCH    | Primary Exchange        | %c               |
|   | TRDSTAT     | Trading Status          | %c               |
|   | SECSTAT     | Security Status         | %c               |

### NASDAQ History

|   | COLUMN NAME | DESCRIPTION              | .DAT FILE FORMAT |
|---|-------------|--------------------------|------------------|
| * | KYPERMNO    | PERMNO                   | %6d              |
| * | TRTSDT      | NASDAQ Traits Begin Date | %8d              |
|   | TRTSENDDT   | NASDAQ Traits End Date * | %8d              |
|   | NSDINX      | NASDAQ Index Code        | %2d              |
|   | NMSIND      | NASDAQ Market Indicator  | %2d              |
|   | MMCNT       | NASDAQ Market Makers     | %4d              |
|   | TRTSCD      | NASDAQ Status Code       | %2d              |

\*For TRTSENDDT, the last row of each active security, the SAS value is 12/31/2099 and the ASCII value is 99999999.

## Portfolio Membership - Daily

Available in 1925 and 1962 US Stock & Indexes, and 1925 US Indexes, but are NOT available in 1925 and 1962 US Stock.

|   | COLUMN NAME | DESCRIPTION                          | .DAT FILE FORMAT |
|---|-------------|--------------------------------------|------------------|
| * | KYPERMNO    | PERMNO                               | %6d              |
| * | KEYSET      | Index Family†                        | %8d              |
| * | ANNUAL      | Year                                 | %8d              |
|   | PPORTNUM    | Portfolio Decile Number              | %4d              |
|   | PINDNO      | Index INDNO for Daily Family         | %7d              |
|   | PSTAT       | Portfolio Statistic for Daily Family | %21.13le         |
|   | PPFLG       | Member Flag for Daily Family         | %4d              |

## PORTFOLIO MEMBERSHIP - MONTHLY

Available in 1925 and 1962 US Stock & Indexes, and 1925 US Indexes, but are NOT available in 1925 and 1962 US Stock.

|   | COLUMN NAME | DESCRIPTION                            | .DAT FILE FORMAT |
|---|-------------|--|------------------|
| * | KYPERMNO    | PERMNO                                 | %6d              |
| * | KEYSET      | Index Family †                         | %8d              |
| * | ANNUAL      | Year                                   | %8d              |
|   | MPPORTNUM   | Portfolio Decile Number                | %4d              |
|   | MPINDNO     | Index INDNO for Monthly Family         | %7d              |
|   | MPSTAT      | Portfolio Statistic for Monthly Family | %21.13le         |
|   | MPPFLG      | Member Flag for Monthly Family         | %4d              |

## Security Header Information

|   | COLUMN NAME | DESCRIPTION             | .DAT FILE FORMAT |
|---|-------------|-------------------------|------------------|
| * | KYPERMNO    | PERMNO                  | %6d              |
|   | CUSIP       | CUSIP                   | %8s              |
|   | CUSIP9      | CUSIP9                  | %9s              |
|   | HTICK       | Ticker Symbol           | %-8s             |
|   | PERMCO      | PERMCO                  | %216d            |
|   | COMPNO      | NASDAQ Company Number   | %8d              |
|   | ISSUNO      | NASDAQ Issue Identifier | %8d              |
|   | HEXCD       | Exchange Code           | %2d              |
|   | HSICCD      | SIC Code                | %4d              |
|   | BEGDT       | Stock Data Begin Date   | %8d              |
|   | ENDDT       | Stock Data End Date     | %8d              |
|   | HDLSTCD     | Delist Code             | %3d              |
|   | HCOMNAM     | Company Name            | %-36s            |
|   | HTSYMBOL    | Trading Symbol          | %-12s            |
|   | HSNAICS     | NAICS Code              | %-7s             |

|  | COLUMN NAME | DESCRIPTION      | .DAT FILE FORMAT |
|--|-------------|------------------|------------------|
|  | HSHRCD      | Share Code       | %2d              |
|  | HPRIMEXCH   | Primary Exchange | %c               |
|  | HTRDSTAT    | Trading Status   | %c               |
|  | HSECSTAT    | Security Status  | %c               |

### Shares History

|   | COLUMN NAME | DESCRIPTION                     | .DAT FILE FORMAT |
|---|-------------|---------------------------------|------------------|
| * | KYPERMNO    | PERMNO                          | %6d              |
| * | SHRSDT      | Shares Out Observation Date     | %8d              |
|   | SHRSEDDT    | Shares Out Observation End Date | %8d              |
|   | SHROUT      | Shares Outstanding              | %10d             |
|   | SHRFLG      | Shares Out Observation Flag     | %4d              |

### Time Series – Daily Primary

|   | COLUMN NAME | DESCRIPTION                   | .DAT FILE FORMAT |
|---|-------------|-------------------------------|------------------|
| * | KYPERMNO    | PERMNO                        | %6d              |
| * | CALDT       | Date                          | %8d              |
|   | PRC         | Price or Bid/Ask Average      | %21.13le         |
|   | RET         | Total Return                  | %21.13le         |
|   | RETX        | Return without Dividends      | %21.13le         |
|   | TCAP        | Capitalization, End of Period | %21.13le         |
|   | VOL         | Volume                        | %21.13le         |

### Time Series – Daily Secondary

|   | COLUMN NAME | DESCRIPTION             | .DAT FILE FORMAT |
|---|-------------|-------------------------|------------------|
| * | KYPERMNO    | PERMNO                  | %6d              |
| * | CALDT       | Date                    | %8d              |
|   | BIDLO       | Bid or Low Price        | %21.13le         |
|   | ASKHI       | Ask or High Price       | %21.13le         |
|   | BID         | Bid                     | %21.13le         |
|   | ASK         | Ask                     | %21.13le         |
|   | NUMTRD      | NASDAQ Number of Trades | %9d              |
|   | OPENPRC     | Open Price              | %21.13le         |

### Time Series - Monthly

|   | COLUMN NAME | DESCRIPTION                   | .DAT FILE FORMAT |
|---|-------------|-------------------------------|------------------|
| * | KYPERMNO    | PERMNO                        | %6d              |
| * | MCALDT      | Date                          | %8d              |
|   | MPRC        | Price or Bid/Ask Average      | %21.13le         |
|   | MRET        | Total Return                  | %21.13le         |
|   | MRETX       | Return without Dividends      | %21.13le         |
|   | MTCAP       | Capitalization, End of Period | %21.13le         |



|  | COLUMN NAME | DESCRIPTION            | .DAT FILE FORMAT |
|--|-------------|------------------------|------------------|
|  | MVOL        | Volume                 | %21.13le         |
|  | MBIDLO      | Bid or Low Price       | %21.13le         |
|  | MASKHI      | Ask or High Price      | %21.13le         |
|  | MBID        | Bid                    | %21.13le         |
|  | MASK        | Ask                    | %21.13le         |
|  | MSPREAD     | Closing Bid/Ask Spread | %21.13le         |
|  | MALTPRC     | Alternate Price        | %21.13le         |
|  | MALTPRCDT   | Alternate Price Date   | %8d              |

## Index Data File Layouts

### Index Header

|   | COLUMN NAME  | DESCRIPTION                   | .DAT FILE FORMAT |
|---|--------------|-------------------------------|------------------|
| * | KYINDNO      | INDNO                         | %8d              |
|   | INDNAME      | Index Name                    | %-79s            |
|   | INDBEGDT     | Beginning Date of Index       | %8d              |
|   | INDENDDT     | End Date of Index             | %8d              |
|   | INDFAM       | Index Family                  | %7d              |
|   | PORTNUM      | Portfolio Number              | %6d              |
|   | BASELVL      | Index Base Level              | %12.4lf          |
|   | BASEDT       | Index Base Date               | %8d              |
|   | AVAILABILITY | Index Item Availability       | %-7s             |
|   | CALCRULE     | Index Rules                   | %6d              |
|   | LISTRULE     | Index Listing Exception Rules | %6d              |
|   | METHOD       | Index Methodology             | %6d              |
|   | REBALRULE    | Index Rebalance Rule          | %6d              |
|   | PUNIVERSE    | Universe Subset               | %6d              |
|   | UNIVERSE     | Universe Used                 | %6d              |

### Rebalance

Available in 1925 and 1962 US Stock & Indexes, and 1925 US Indexes, but are NOT available in 1925 and 1962 US Stock.

|   | COLUMN NAME | DESCRIPTION                                  | .DAT FILE FORMAT |
|---|-------------|--|------------------|
| * | KYINDNO     | INDNO  | %8d              |
| * | RBEGDT      | Index Rebalancing Begin Date                 | %8d              |
|   | RBENDDT     | Index Rebalancing End Date                   | %8d              |
|   | RUSDCNT     | Index Rebalancing Count                      | %6d              |
|   | MINID       | PERMNO Associated with Minimum Statistic     | %6d              |
|   | MAXID       | PERMNO Associated with the Maximum Statistic | %6d              |
|   | MINSTAT     | Minimum Statistic                            | %6d              |
|   | MAXSTAT     | Maximum Statistic                            | %6d              |

### Daily Index Time Series

|   | COLUMN NAME | DESCRIPTION                          | .DAT FILE FORMAT |
|---|-------------|--------------------------------------|------------------|
| * | KYINDNO     | INDNO                                | %8d              |
| * | CALDT       | Date                                 | %8d              |
|   | TRET        | Total Return on Index                | %21.13le         |
|   | TIND        | Total Return Index Level             | %21.13le         |
|   | ARET        | Return without Dividends on Index    | %21.13le         |
|   | AIND        | Return without Dividends Index Level | %21.13le         |
|   | IRET        | Income Return on Index               | %21.13le         |
|   | IIND        | Income Return Index Level            | %21.13le         |
|   | USDCNT      | Used Count                           | %8d              |
|   | USDVAL      | Used Value                           | %21.13le         |
|   | TOTCNT      | Total Count                          | %8d              |
|   | TOTVAL      | Total Value                          | %21.13le         |

### Monthly Index Time Series

|   | COLUMN NAME | DESCRIPTION                          | .DAT FILE FORMAT |
|---|-------------|--------------------------------------|------------------|
| * | KYINDNO     | INDNO                                | %8d              |
| * | MCALDT      | Date                                 | %8d              |
|   | MTRET       | Total Return on Index                | %21.13le         |
|   | MTIND       | Total Return Index Level             | %21.13le         |
|   | MARET       | Return without Dividends on Index    | %21.13le         |
|   | MAIND       | Return without Dividends Index Level | %21.13le         |
|   | MIRET       | Income Return on Index               | %21.13le         |
|   | MIIND       | Income Return Index Level            | %21.13le         |
|   | MUSDCNT     | Used Count                           | %8d              |
|   | MUSDVAL     | Used Value                           | %21.13le         |
|   | MTOTCNT     | Total Count                          | %8d              |
|   | MTOTVAL     | Total Value                          | %21.13le         |

## New and Legacy File Comparison

The following table includes a mapping of Indexes to their location in the legacy files.

| INDFAM  | INDNO   | INDNAME   | START DATE | LEGACY FILE | LEGACY FILE DESCRIPTION   |
|---------|---------|---|------------|-------------|---|
| 1100000 | 1000000 | CRSP NYSE Value-Weighted Market Index             | 1925       | *sia        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE          |
| 1100001 | 1000001 | CRSP NYSE Equal-Weighted Market Index             | 1925       | *sia        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE          |
| 1100012 | 1000002 | CRSP NYSE Market Capitalization Decile 1          | 1925       | *sia        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE          |
| 1100012 | 1000003 | CRSP NYSE Market Capitalization Decile 2          | 1925       | *sia        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE          |
| 1100012 | 1000004 | CRSP NYSE Market Capitalization Decile 3          | 1925       | *sia        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE          |
| 1100012 | 1000005 | CRSP NYSE Market Capitalization Decile 4          | 1925       | *sia        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE          |
| 1100012 | 1000006 | CRSP NYSE Market Capitalization Decile 5          | 1925       | *sia        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE          |
| 1100012 | 1000007 | CRSP NYSE Market Capitalization Decile 6          | 1925       | *sia        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE          |
| 1100012 | 1000008 | CRSP NYSE Market Capitalization Decile 7          | 1925       | *sia        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE          |
| 1100012 | 1000009 | CRSP NYSE Market Capitalization Decile 8          | 1925       | *sia        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE          |
| 1100012 | 1000010 | CRSP NYSE Market Capitalization Decile 9          | 1925       | *sia        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE          |
| 1100012 | 1000011 | CRSP NYSE Market Capitalization Decile 10         | 1925       | *sia        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE          |
| 1100020 | 1000020 | CRSP NYSE American Value-Weighted Market Index    | 1962       | *sib        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE American |
| 1100021 | 1000021 | CRSP NYSE American Equal-Weighted Market Index    | 1962       | *sib        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE American |
| 1100032 | 1000022 | CRSP NYSE American Market Capitalization Decile 1 | 1962       | *sib        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE American |
| 1100032 | 1000023 | CRSP NYSE American Market Capitalization Decile 2 | 1962       | *sib        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE American |
| 1100032 | 1000024 | CRSP NYSE American Market Capitalization Decile 3 | 1962       | *sib        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE American |
| 1100032 | 1000025 | CRSP NYSE American Market Capitalization Decile 4 | 1962       | *sib        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE American |
| 1100032 | 1000026 | CRSP NYSE American Market Capitalization Decile 5 | 1962       | *sib        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE American |

| INDFAM  | INDNO   | INDNAME  | START DATE | LEGACY FILE | LEGACY FILE DESCRIPTION  |
|---------|---------|--|------------|-------------|--|
| 1100032 | 1000027 | CRSP NYSE American Market Capitalization Decile 6      | 1962       | *sib        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE American        |
| 1100032 | 1000028 | CRSP NYSE American Market Capitalization Decile 7      | 1962       | *sib        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE American        |
| 1100032 | 1000029 | CRSP NYSE American Market Capitalization Decile 8      | 1962       | *sib        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE American        |
| 1100032 | 1000030 | CRSP NYSE American Market Capitalization Decile 9      | 1962       | *sib        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE American        |
| 1100032 | 1000031 | CRSP NYSE American Market Capitalization Decile 10     | 1962       | *sib        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE American        |
| 1100040 | 1000040 | CRSP NYSE/NYSE American Value-Weighted Market Index    | 1925       | *sic        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American |
| 1100041 | 1000041 | CRSP NYSE/NYSE American Equal-Weighted Market Index    | 1925       | *sic        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American |
| 1100052 | 1000042 | CRSP NYSE/NYSE American Market Capitalization Decile 1 | 1925       | *sic        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American |
| 1100052 | 1000043 | CRSP NYSE/NYSE American Market Capitalization Decile 2 | 1925       | *sic        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American |
| 1100052 | 1000044 | CRSP NYSE/NYSE American Market Capitalization Decile 3 | 1925       | *sic        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American |
| 1100052 | 1000045 | CRSP NYSE/NYSE American Market Capitalization Decile 4 | 1925       | *sic        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American |
| 1100052 | 1000046 | CRSP NYSE/NYSE American Market Capitalization Decile 5 | 1925       | *sic        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American |
| 1100052 | 1000047 | CRSP NYSE/NYSE American Market Capitalization Decile 6 | 1925       | *sic        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American |
| 1100052 | 1000048 | CRSP NYSE/NYSE American Market Capitalization Decile 7 | 1925       | *sic        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American |
| 1100052 | 1000049 | CRSP NYSE/NYSE American Market Capitalization Decile 8 | 1925       | *sic        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American |
| 1100052 | 1000050 | CRSP NYSE/NYSE American Market Capitalization Decile 9 | 1925       | *sic        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American |

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| 1100052 | 1000051 | CRSP NYSE/NYSE American Market Capitalization Decile 10        | 1925       | *sic        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American          |
| 1100053 | 1000053 | CRSP NYSE/NYSE American Trade-Only Value-Weighted Market Index | 1925       |             |   |
| 1100060 | 1000060 | CRSP Nasdaq Value-Weighted Market Index                        | 1972       | *sio        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NASDAQ                        |
| 1100061 | 1000061 | CRSP Nasdaq Equal-Weighted Market Index                        | 1972       | *sio        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NASDAQ                        |
| 1100072 | 1000062 | CRSP Nasdaq Market Capitalization Decile 1                     | 1972       | *sio        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NASDAQ                        |
| 1100072 | 1000063 | CRSP Nasdaq Market Capitalization Decile 2                     | 1972       | *sio        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NASDAQ                        |
| 1100072 | 1000064 | CRSP Nasdaq Market Capitalization Decile 3                     | 1972       | *sio        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NASDAQ                        |
| 1100072 | 1000065 | CRSP Nasdaq Market Capitalization Decile 4                     | 1972       | *sio        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NASDAQ                        |
| 1100072 | 1000066 | CRSP Nasdaq Market Capitalization Decile 5                     | 1972       | *sio        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NASDAQ                        |
| 1100072 | 1000067 | CRSP Nasdaq Market Capitalization Decile 6                     | 1972       | *sio        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NASDAQ                        |
| 1100072 | 1000068 | CRSP Nasdaq Market Capitalization Decile 7                     | 1972       | *sio        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NASDAQ                        |
| 1100072 | 1000069 | CRSP Nasdaq Market Capitalization Decile 8                     | 1972       | *sio        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NASDAQ                        |
| 1100072 | 1000070 | CRSP Nasdaq Market Capitalization Decile 9                     | 1972       | *sio        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NASDAQ                        |
| 1100072 | 1000071 | CRSP Nasdaq Market Capitalization Decile 10                    | 1972       | *sio        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NASDAQ                        |
| 1100080 | 1000080 | CRSP NYSE/NYSE American/Nasdaq Value-Weighted Market Index     | 1925       | *six        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American + NASDAQ |
| 1100081 | 1000081 | CRSP NYSE/NYSE American/Nasdaq Equal-Weighted Market Index     | 1925       | *six        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American + NASDAQ |
| 1100092 | 1000082 | CRSP NYSE/NYSE American/Nasdaq Market Capitalization Decile 1  | 1925       | *six        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American + NASDAQ |
| 1100092 | 1000083 | CRSP NYSE/NYSE American/Nasdaq Market Capitalization Decile 2  | 1925       | *six        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American + NASDAQ |

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| 1100092 | 1000084 | CRSP NYSE/NYSE American/Nasdaq Market Capitalization Decile 3  | 1925       | *six        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American + NASDAQ |
| 1100092 | 1000085 | CRSP NYSE/NYSE American/Nasdaq Market Capitalization Decile 4  | 1925       | *six        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American + NASDAQ |
| 1100092 | 1000086 | CRSP NYSE/NYSE American/Nasdaq Market Capitalization Decile 5  | 1925       | *six        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American + NASDAQ |
| 1100092 | 1000087 | CRSP NYSE/NYSE American/Nasdaq Market Capitalization Decile 6  | 1925       | *six        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American + NASDAQ |
| 1100092 | 1000088 | CRSP NYSE/NYSE American/Nasdaq Market Capitalization Decile 7  | 1925       | *six        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American + NASDAQ |
| 1100092 | 1000089 | CRSP NYSE/NYSE American/Nasdaq Market Capitalization Decile 8  | 1925       | *six        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American + NASDAQ |
| 1100092 | 1000090 | CRSP NYSE/NYSE American/Nasdaq Market Capitalization Decile 9  | 1925       | *six        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American + NASDAQ |
| 1100092 | 1000091 | CRSP NYSE/NYSE American/Nasdaq Market Capitalization Decile 10 | 1925       | *six        | Daily, Monthly, Quarterly, Annual Indexes Built on Market Cap Deciles - NYSE + NYSE American + NASDAQ |
| 1100112 | 1000102 | CRSP NYSE/NYSE American Beta Decile 1                          | 1925       | dsbc        | Daily, Indexes Built on Beta Deciles - NYSE + NYSE American   |
| 1100112 | 1000103 | CRSP NYSE/NYSE American Beta Decile 2                          | 1925       | dsbc        | Daily, Indexes Built on Beta Deciles - NYSE + NYSE American   |
| 1100112 | 1000104 | CRSP NYSE/NYSE American Beta Decile 3                          | 1925       | dsbc        | Daily, Indexes Built on Beta Deciles - NYSE + NYSE American   |
| 1100112 | 1000105 | CRSP NYSE/NYSE American Beta Decile 4                          | 1925       | dsbc        | Daily, Indexes Built on Beta Deciles - NYSE + NYSE American   |
| 1100112 | 1000106 | CRSP NYSE/NYSE American Beta Decile 5                          | 1925       | dsbc        | Daily, Indexes Built on Beta Deciles - NYSE + NYSE American   |
| 1100112 | 1000107 | CRSP NYSE/NYSE American Beta Decile 6                          | 1925       | dsbc        | Daily, Indexes Built on Beta Deciles - NYSE + NYSE American   |
| 1100112 | 1000108 | CRSP NYSE/NYSE American Beta Decile 7                          | 1925       | dsbc        | Daily, Indexes Built on Beta Deciles - NYSE + NYSE American   |
| 1100112 | 1000109 | CRSP NYSE/NYSE American Beta Decile 8                          | 1925       | dsbc        | Daily, Indexes Built on Beta Deciles - NYSE + NYSE American   |
| 1100112 | 1000110 | CRSP NYSE/NYSE American Beta Decile 9                          | 1925       | dsbc        | Daily, Indexes Built on Beta Deciles - NYSE + NYSE American   |

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| 1100112 | 1000111 | CRSP NYSE/NYSE American Beta Decile 10               | 1925       | dsbc        | Daily, Indexes Built on Beta Deciles - NYSE + NYSE American               |
| 1100132 | 1000122 | CRSP NYSE/NYSE American Standard Deviation Decile 1  | 1925       | dssc        | Daily, Indexes Built on Standard Deviation Deciles - NYSE + NYSE American |
| 1100132 | 1000123 | CRSP NYSE/NYSE American Standard Deviation Decile 2  | 1925       | dssc        | Daily, Indexes Built on Standard Deviation Deciles - NYSE + NYSE American |
| 1100132 | 1000124 | CRSP NYSE/NYSE American Standard Deviation Decile 3  | 1925       | dssc        | Daily, Indexes Built on Standard Deviation Deciles - NYSE + NYSE American |
| 1100132 | 1000125 | CRSP NYSE/NYSE American Standard Deviation Decile 4  | 1925       | dssc        | Daily, Indexes Built on Standard Deviation Deciles - NYSE + NYSE American |
| 1100132 | 1000126 | CRSP NYSE/NYSE American Standard Deviation Decile 5  | 1925       | dssc        | Daily, Indexes Built on Standard Deviation Deciles - NYSE + NYSE American |
| 1100132 | 1000127 | CRSP NYSE/NYSE American Standard Deviation Decile 6  | 1925       | dssc        | Daily, Indexes Built on Standard Deviation Deciles - NYSE + NYSE American |
| 1100132 | 1000128 | CRSP NYSE/NYSE American Standard Deviation Decile 7  | 1925       | dssc        | Daily, Indexes Built on Standard Deviation Deciles - NYSE + NYSE American |
| 1100132 | 1000129 | CRSP NYSE/NYSE American Standard Deviation Decile 8  | 1925       | dssc        | Daily, Indexes Built on Standard Deviation Deciles - NYSE + NYSE American |
| 1100132 | 1000130 | CRSP NYSE/NYSE American Standard Deviation Decile 9  | 1925       | dssc        | Daily, Indexes Built on Standard Deviation Deciles - NYSE + NYSE American |
| 1100132 | 1000131 | CRSP NYSE/NYSE American Standard Deviation Decile 10 | 1925       | dssc        | Daily, Indexes Built on Standard Deviation Deciles - NYSE + NYSE American |
| 1100152 | 1000142 | CRSP Nasdaq Beta Decile 1                            | 1973       | dsbo        | Daily, Indexes Built on Beta Deciles - NASDAQ                             |
| 1100152 | 1000143 | CRSP Nasdaq Beta Decile 2                            | 1973       | dsbo        | Daily, Indexes Built on Beta Deciles - NASDAQ                             |
| 1100152 | 1000144 | CRSP Nasdaq Beta Decile 3                            | 1973       | dsbo        | Daily, Indexes Built on Beta Deciles - NASDAQ                             |
| 1100152 | 1000145 | CRSP Nasdaq Beta Decile 4                            | 1973       | dsbo        | Daily, Indexes Built on Beta Deciles - NASDAQ                             |
| 1100152 | 1000146 | CRSP Nasdaq Beta Decile 5                            | 1973       | dsbo        | Daily, Indexes Built on Beta Deciles - NASDAQ                             |
| 1100152 | 1000147 | CRSP Nasdaq Beta Decile 6                            | 1973       | dsbo        | Daily, Indexes Built on Beta Deciles - NASDAQ                             |
| 1100152 | 1000148 | CRSP Nasdaq Beta Decile 7                            | 1973       | dsbo        | Daily, Indexes Built on Beta Deciles - NASDAQ                             |
| 1100152 | 1000149 | CRSP Nasdaq Beta Decile 8                            | 1973       | dsbo        | Daily, Indexes Built on Beta Deciles - NASDAQ                             |
| 1100152 | 1000150 | CRSP Nasdaq Beta Decile 9                            | 1973       | dsbo        | Daily, Indexes Built on Beta Deciles - NASDAQ                             |
| 1100152 | 1000151 | CRSP Nasdaq Beta Decile 10                           | 1973       | dsbo        | Daily, Indexes Built on Beta Deciles - NASDAQ                             |
| 1100172 | 1000162 | CRSP Nasdaq Standard Deviation Decile 1              | 1973       | dsso        | Daily, Indexes Built on Standard Deviation Deciles - NASDAQ               |
| 1100172 | 1000163 | CRSP Nasdaq Standard Deviation Decile 2              | 1973       | dsso        | Daily, Indexes Built on Standard Deviation Deciles - NASDAQ               |
| 1100172 | 1000164 | CRSP Nasdaq Standard Deviation Decile 3              | 1973       | dsso        | Daily, Indexes Built on Standard Deviation Deciles - NASDAQ               |
| 1100172 | 1000165 | CRSP Nasdaq Standard Deviation Decile 4              | 1973       | dsso        | Daily, Indexes Built on Standard Deviation Deciles - NASDAQ               |
| 1100172 | 1000166 | CRSP Nasdaq Standard Deviation Decile 5              | 1973       | dsso        | Daily, Indexes Built on Standard Deviation Deciles - NASDAQ               |

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| 1100172 | 1000167 | CRSP Nasdaq Standard Deviation Decile 6                            | 1973       | dsso        | Daily, Indexes Built on Standard Deviation Deciles - NASDAQ     |
| 1100172 | 1000168 | CRSP Nasdaq Standard Deviation Decile 7                            | 1973       | dsso        | Daily, Indexes Built on Standard Deviation Deciles - NASDAQ     |
| 1100172 | 1000169 | CRSP Nasdaq Standard Deviation Decile 8                            | 1973       | dsso        | Daily, Indexes Built on Standard Deviation Deciles - NASDAQ     |
| 1100172 | 1000170 | CRSP Nasdaq Standard Deviation Decile 9                            | 1973       | dsso        | Daily, Indexes Built on Standard Deviation Deciles - NASDAQ     |
| 1100172 | 1000171 | CRSP Nasdaq Standard Deviation Decile 10                           | 1973       | dsso        | Daily, Indexes Built on Standard Deviation Deciles - NASDAQ     |
| 1100180 | 1000180 | CRSP NYSE Arca Value-Weighted Market Index                         | 2006       | *sir        | Daily, Monthly, Indexes Built on Market Cap Deciles - NYSE Arca |
| 1100181 | 1000181 | CRSP NYSE Arca Equal-Weighted Market Index                         | 2006       | *sir        | Daily, Monthly, Indexes Built on Market Cap Deciles - NYSE Arca |
| 1100200 | 1000200 | CRSPNYSE/NYSEAmerican/Nasdaq/NYSE Arca Value-Weighted Market Index | 1925       | *siy        | Daily, Monthly, Indexes Built on Market Cap Deciles - NYSE Arca |
| 1100201 | 1000201 | CRSPNYSE/NYSEAmerican/Nasdaq/NYSE Arca Equal-Weighted Market Index | 1925       | *siy        | Daily, Monthly, Indexes Built on Market Cap Deciles - NYSE Arca |
| 1100300 | 1000300 | CRSP NYSE Cap-Based Portfolio 1                                    | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100300 | 1000301 | CRSP NYSE Cap-Based Portfolio 2                                    | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100300 | 1000302 | CRSP NYSE Cap-Based Portfolio 3                                    | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100300 | 1000303 | CRSP NYSE Cap-Based Portfolio 4                                    | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100300 | 1000304 | CRSP NYSE Cap-Based Portfolio 5                                    | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100300 | 1000305 | CRSP NYSE Cap-Based Portfolio 6                                    | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100300 | 1000306 | CRSP NYSE Cap-Based Portfolio 7                                    | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100300 | 1000307 | CRSP NYSE Cap-Based Portfolio 8                                    | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100300 | 1000308 | CRSP NYSE Cap-Based Portfolio 9                                    | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100300 | 1000309 | CRSP NYSE Cap-Based Portfolio 10                                   | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100310 | 1000310 | CRSP NYSE Cap-Based Portfolio 1-2                                  | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100310 | 1000311 | CRSP NYSE Cap-Based Portfolio 3-5                                  | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100310 | 1000312 | CRSP NYSE Cap-Based Portfolio 6-8                                  | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100310 | 1000313 | CRSP NYSE Cap-Based Portfolio 9-10                                 | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100314 | 1000314 | CRSP NYSE Cap-Based Portfolio 1-5                                  | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100314 | 1000315 | CRSP NYSE Cap-Based Portfolio 6-10                                 | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100316 | 1000316 | CRSP NYSE Cap-Based Portfolio Market                               | 1925       | mhistr      | Monthly Cap-based Indexes Results - NYSE                        |
| 1100320 | 1000320 | CRSP NYSE/NYSE American Cap-Based Portfolio 1                      | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American        |



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| 1100320 | 1000321 | CRSP NYSE/NYSE American Cap-Based Portfolio 2         | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100320 | 1000322 | CRSP NYSE/NYSE American Cap-Based Portfolio 3         | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100320 | 1000323 | CRSP NYSE/NYSE American Cap-Based Portfolio 4         | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100320 | 1000324 | CRSP NYSE/NYSE American Cap-Based Portfolio 5         | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100320 | 1000325 | CRSP NYSE/NYSE American Cap-Based Portfolio 6         | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100320 | 1000326 | CRSP NYSE/NYSE American Cap-Based Portfolio 7         | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100320 | 1000327 | CRSP NYSE/NYSE American Cap-Based Portfolio 8         | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100320 | 1000328 | CRSP NYSE/NYSE American Cap-Based Portfolio 9         | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100320 | 1000329 | CRSP NYSE/NYSE American Cap-Based Portfolio 10        | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100330 | 1000330 | CRSP NYSE/NYSE American Cap-Based Portfolio 1-2       | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100330 | 1000331 | CRSP NYSE/NYSE American Cap-Based Portfolio 3-5       | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100330 | 1000332 | CRSP NYSE/NYSE American Cap-Based Portfolio 6-8       | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100330 | 1000333 | CRSP NYSE/NYSE American Cap-Based Portfolio 9-10      | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100334 | 1000334 | CRSP NYSE/NYSE American Cap-Based Portfolio 1-5       | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100334 | 1000335 | CRSP NYSE/NYSE American Cap-Based Portfolio 6-10      | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100336 | 1000336 | CRSP NYSE/NYSE American Cap-Based Portfolio Market    | 1925       | mhista      | Monthly Cap-based Indexes Results - NYSE + NYSE American         |
| 1100340 | 1000340 | CRSP NYSE/NYSE American/ Nasdaq Cap-Based Portfolio 1 | 1925       | mhistq      | Monthly Cap-based Indexes Results -NYSE + NYSE American + NASDAQ |
| 1100340 | 1000341 | CRSP NYSE/NYSE American/ Nasdaq Cap-Based Portfolio 2 | 1925       | mhistq      | Monthly Cap-based Indexes Results -NYSE + NYSE American + NASDAQ |
| 1100340 | 1000342 | CRSP NYSE/NYSE American/ Nasdaq Cap-Based Portfolio 3 | 1925       | mhistq      | Monthly Cap-based Indexes Results -NYSE + NYSE American + NASDAQ |
| 1100340 | 1000343 | CRSP NYSE/NYSE American/ Nasdaq Cap-Based Portfolio 4 | 1925       | mhistq      | Monthly Cap-based Indexes Results -NYSE + NYSE American + NASDAQ |
| 1100340 | 1000344 | CRSP NYSE/NYSE American/ Nasdaq Cap-Based Portfolio 5 | 1925       | mhistq      | Monthly Cap-based Indexes Results -NYSE + NYSE American + NASDAQ |

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| 1100340 | 1000345 | CRSP NYSE/NYSE American/<br>Nasdaq Cap-Based Portfolio 6      | 1925                    | mhistq      | Monthly Cap-based Indexes Results -NYSE<br>+ NYSE American + NASDAQ  |
| 1100340 | 1000346 | CRSP NYSE/NYSE American/<br>Nasdaq Cap-Based Portfolio 7      | 1925                    | mhistq      | Monthly Cap-based Indexes Results -NYSE<br>+ NYSE American + NASDAQ  |
| 1100340 | 1000347 | CRSP NYSE/NYSE American/<br>Nasdaq Cap-Based Portfolio 8      | 1925                    | mhistq      | Monthly Cap-based Indexes Results -NYSE<br>+ NYSE American + NASDAQ  |
| 1100340 | 1000348 | CRSP NYSE/NYSE American/<br>Nasdaq Cap-Based Portfolio 9      | 1925                    | mhistq      | Monthly Cap-based Indexes Results -NYSE<br>+ NYSE American + NASDAQ  |
| 1100340 | 1000349 | CRSP NYSE/NYSE American/<br>Nasdaq Cap-Based Portfolio 10     | 1925                    | mhistq      | Monthly Cap-based Indexes Results -NYSE<br>+ NYSE American + NASDAQ  |
| 1100350 | 1000350 | CRSP NYSE/NYSE American/<br>Nasdaq Cap-Based Portfolio 1-2    | 1925                    | mhistq      | Monthly Cap-based Indexes Results -NYSE<br>+ NYSE American + NASDAQ  |
| 1100350 | 1000351 | CRSP NYSE/NYSE American/<br>Nasdaq Cap-Based Portfolio 3-5    | 1925                    | mhistq      | Monthly Cap-based Indexes Results -NYSE<br>+ NYSE American + NASDAQ  |
| 1100350 | 1000352 | CRSP NYSE/NYSE American/<br>Nasdaq Cap-Based Portfolio 6-8    | 1925                    | mhistq      | Monthly Cap-based Indexes Results -NYSE<br>+ NYSE American + NASDAQ  |
| 1100350 | 1000353 | CRSP NYSE/NYSE American/<br>Nasdaq Cap-Based Portfolio 9-10   | 1925                    | mhistq      | Monthly Cap-based Indexes Results -NYSE<br>+ NYSE American + NASDAQ  |
| 1100354 | 1000354 | CRSP NYSE/NYSE American/<br>Nasdaq Cap-Based Portfolio 1-5    | 1925                    | mhistq      | Monthly Cap-based Indexes Results -NYSE<br>+ NYSE American + NASDAQ  |
| 1100354 | 1000355 | CRSP NYSE/NYSE American/<br>Nasdaq Cap-Based Portfolio 6-10   | 1925                    | mhistq      | Monthly Cap-based Indexes Results -NYSE<br>+ NYSE American + NASDAQ  |
| 1100356 | 1000356 | CRSP NYSE/NYSE American/<br>Nasdaq Cap-Based Portfolio Market | 1925                    | mhistq      | Monthly Cap-based Indexes Results -NYSE<br>+ NYSE American + NASDAQ  |
| 1100500 | 1000500 | CRSP Value-Weighted Index of the<br>S&P 500 Universe          | 1925                    | *sp500      | Daily, Monthly CRSP Index File on the S&P<br>500 ©                   |
| 1100501 | 1000501 | CRSP Equal-Weighted Index of the<br>S&P 500 Universe          | 1925                    | *sp500      | Daily, Monthly CRSP Index File on the S&P<br>500 ©                   |
| 1100502 | 1000502 | S&P 500 Composite   | 1925<br>(Daily<br>1962) |             | All files except NASDAQ-only, cap-based,<br>and CTI files            |
| 1100503 | 1000503 | Nasdaq Composite  | 1972                    | *sio        | All NASDAQ-only files  |
| 1100510 | 1000510 | CRSP Value-Weighted Portfolios of<br>the S&P 500 Universe     | 1925                    | *sp500p     | Daily, Monthly CRSP Portfolios on the S&P<br>500 ©                   |
| 1100511 | 1000511 | CRSP Equal-Weighted Portfolios of<br>the S&P 500 Universe     | 1925                    | *sp500p     | Daily, Monthly CRSP Portfolios on the S&P<br>500 ©                   |
| 1100700 | 1000700 | CRSP 30-Year Bond Returns                                     | 1925                    | *cti        | Monthly, Quarterly, Annual CRSP US Treasury<br>and Inflation Indexes |
| 1100701 | 1000701 | CRSP 20-Year Bond Returns                                     | 1925                    | *cti        | Monthly, Quarterly, Annual CRSP US Treasury<br>and Inflation Indexes |
| 1100702 | 1000702 | CRSP 10-Year Bond Returns                                     | 1925                    | *cti        | Monthly, Quarterly, Annual CRSP US Treasury<br>and Inflation Indexes |

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| 1100703 | 1000703 | CRSP 7-Year Bond Returns   | 1925       | *cti        | Monthly, Quarterly, Annual CRSP US Treasury and Inflation Indexes              |
| 1100704 | 1000704 | CRSP 5-Year Bond Returns   | 1925       | *cti        | Monthly, Quarterly, Annual CRSP US Treasury and Inflation Indexes              |
| 1100705 | 1000705 | CRSP 2-Year Bond Returns   | 1925       | *cti        | Monthly, Quarterly, Annual CRSP US Treasury and Inflation Indexes              |
| 1100706 | 1000706 | CRSP 1-Year Bond Returns   | 1925       | *cti        | Monthly, Quarterly, Annual CRSP US Treasury and Inflation Indexes              |
| 1100707 | 1000707 | CRSP 90-Day Bill Returns   | 1925       | *cti        | Monthly, Quarterly, Annual CRSP US Treasury and Inflation Indexes              |
| 1100708 | 1000708 | CRSP 30-Day Bill Returns   | 1925       | *cti        | Monthly, Quarterly, Annual CRSP US Treasury and Inflation Indexes              |
| 1100800 | 1000709 | Consumer Price Index       | 1925       | *cti        | Monthly, Quarterly, Annual CRSP US Treasury and Inflation Indexes              |
| 1101330 |         | CRSP US Total Market Index | 2011       |             | New!   |
|         |         | s*rb files.                |            | rebal*      | NYSE, NYSE American, NASDAQ and combinations not available in the index tables |