CRSP CROSS REFERENCE GUIDE

STOCK & INDEXES FLAT FILE FORMAT 1.0 (SIZ) TO 2.0 (CIZ)

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OVERVIEW

Since 1960, CRSP has curated data for scholarly researchers and investment practitioners. With more than 95 years of data in our US Stock Database and planned future data products, CRSP found it imperative to invest in back-office processes that will continue to serve our subscribers for the decades ahead.

CRSP's multi-year reengineering investment has impacted every aspect of our research data products — from extracting, transforming, and loading data from our sources, to quality review and clean-up, to delivery and access of end-user data products.

All CRSP research data products are impacted. Update processes are being rebuilt with current technology and tools that will allow for agility in adding, removing, and changing sources and formats. The result is the new Stock and Index flat file layout 2.0, available in SAS, ASCII, & R.

This cross-reference guide is intended to assist in transitioning from flat file format 1.0 and access tools through a high-level description of files and tables drawing relationships between SIZ and CIZ data items. Mappings are made from a legacy file perspective.

In addition to this cross-reference guide, CRSP offers these resources:

- **CRSP Stock & Indexes Databases - Flat File Layout 2.0:** Available in SAS, ASCII & R stock and index tables and brief descriptions of data items in each.
- **Metadata Guide:** Provides guidance on using the new metadata files.
- **Summary of Differences:** Summarizes known differences between existing SIZ and new CIZ files.

SAS, ASCII & R FILE COMPARISONS: FLAT FILE FORMAT 1.0 (SIZ) TO FLAT FILE 2.0 (CIZ)

PRODUCT NAME	FLAT FILE FORMAT 1.0 (SIZ)	FLAT FILE FORMAT 2.0 (CIZ)	CRSP ACCESS (FIZ)
CRSP 1925 US Stock and Index	SIZyyyymm	CIZyyyymm	FIZ
CRSP 1925 US Stock	SAZyyyymm	CAZyyyymm	FAZ
CRSP 1962 US Stock	S6Zyyyymm	C6Zyyyymm	A6Z
CRSP 1962 Stock and Index	SXZyyyymm	CXZyyyymm	AXZ
CRSP 1925 US Indexes	SFZyyyymm	COZyyyymm	IFZ

FILE RELATIONSHIPS

The following table is a summary, high-level view of the legacy and new file relationships.

The following files map existing CRSP legacy data items from the SIZ, SAZ, S6Z, SXZ, and SFZ files to data items in the new CIZ, CAZ, C6Z, CXZ, and COZ files.

FLAT FILE FORMAT 1.0 (SIZ)	FLAT FILE FORMAT 2.0 (CIZ)	DESCRIPTION/COMMENTS
Sfz_del	StkDelists	Daily delisting history
Sfz_mdel	StkDelists	Monthly delisting history, may have significant differences due to compounding of daily holding period returns vs the legacy monthly holding period return
Sfz_dind	IndDlySeriesData	Daily index time series data, with additional rows for CRSP Investable Indexes
Sfz_mind	IndMthSeriesData	Monthly index time series data
Sfz_dis	StkDistributions	Distribution history
Sfz_dp_dly Sfz_ds_dly	StkDlyPrimarySecurityData StkDlySecurityData	Daily time series security data — primary items Daily time series security data — new file contains a superset of all daily items
Sfz_mth	StkMthSecurityData	Monthly time series security data
Sfz_hdr	StkSecurityInfoHdr StkIssuerInfoHdr	Issuer and security identifiers, ranges, descriptors

FLAT FILE FORMAT 1.0 (SIZ)	FLAT FILE FORMAT 2.0 (CIZ)	DESCRIPTION/COMMENTS
Sfz_indhdr	IndFamInfoHdr IndSeriesInfoHdr	Index identifiers, ranges, descriptors
Sfz_mbr	StkIndMembership	Security membership in indexes, with significant additional rows for the CRSP Investable Indexes
Sfz_nam	StkSecurityInfoHist StkIssuerInfoHist	Name history for issuers and securities
Sfz_ndi	SecurityInfoHist	NASDAQ trading information. Market count has been moved to StkDlySecurity
Sfz_portd	IndSecStatistics	Annual breakpoints, statistics, and codes for portfolios
Sfz_portm	IndIssStatistics	Quarterly breakpoints, statistics, and codes for portfolios
Sfz_rb	IndSecRebalSummary IndIssRebalSummary	Breakpoints, statistics, and codes for portfolios, with quarterly issuer capitalization values separated into the IndIssRebalSummary file
Sfz_shr	StkShares	Shares outstanding history
Sfz_agg_ann	StkAnnSecurityData	Select data items aggregated from daily frequency to annual calendar
Sfz_agg_mth	StkMthSecurityData	Select data items aggregated from daily frequency to monthly calendar
Sfz_agg_qtr	StkQrtSecurityData	Select data items aggregated from daily frequency to quarterly calendar

STOCK DATA FILES

SFZ_DEL & SFZ_MDEL — Maps to StkDelists

Table includes delisting return and related data. The StkDelists data items are not always an exact match to the corresponding SFZ_Mdel data items due to StkDelists compounding of daily data vs SFZ_Mdel's use of legacy monthly returns, amounts etc. Some delisting information is now also available in StkDlySecurityData for ease of use. See the MetaSIZ to CIZMapping file for more details.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kypermno	PERMNO	PERMNO	PERMNO
(m)dlstdt	Delist Date	DelistingDt	Delist Date
(m)dlstcd	Delist Code (Click here for Delist Code mapping)	DelActionType	Delisting Corporation Action Type
		DelStatusType	Delisting Completion Status Type
		DelReasonType	Delisting Reason Type
		DelPaymentType	Delisting Payment Summary Type
(m)nwperm	New PERMNO	DelPERMNO	PERMNO that follows after delisting
(m)nwcomp	New PERMCO	DelPERMCO	PERMCO that follows after delisting
(m)nextdt	Date of Next Available Information	DelNextDt	Date of Next Price after delisting
(m)dlprc	Delisting Price	DelNextPrc (see also DelNextPrcFlg)	Price after delisting
(m)dlpdt	Delisting Payment Date	DelAmtDt	Delisting Amount Date
(m)dlamt	Delisting Amount	DelDivAmt	Amount of ordinary and non-ordinary dividends
(m)dlret	Delisting Return	DelRet	Delisting Total Return
(m)dlretx	Delisting Return without Dividends	Item not present	Data items not present in new files

SFZ_DIS — Maps to StkDistributions

Table includes distribution details and amounts. DISTCD and ACPERM were part of the natural key/sort order of the SFZ_DIS, but DisSeqNbr (Distribution Sequence Number) was added to the StkDistributions table.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kypermno	PERMNO	PERMNO	PERMNO
distcd	Distribution Code (Click here for Distribution Code mapping)	DisType	Distribution Type
		DisFreqType	Distribution Frequecy Type
		DisPaymentType	Distibution Payment Method Type
		DisDetailType	Distribution Detail Type
		DisTaxType	Distribution Tax Status Type
		DisOrigCurType	Distribution Original Currency Type
divamt	Dividend Amount	DisDivAmt	Divident Amount
facpr	Factor to Adjust Price	DisFacPr	Factor to Adjust Price
facshr	Factor to Adjust Shares	DisFacShr	Factor to Adjust Share
dclrdt	Declaration Date	DisDeclareDt	Delaration Date, if available
exdt	Ex-Distribution Date	DisExDt	ExDistribution Date
rcrddt	Record Date	DisRecordDt	Record Date, if available
paydt	Payment Date	DisPayDt	Payment Date, if available
acperm	Acquiring PERMNO	DisPERMNO	PERMNO of the Security Received
accomp	Acquiring PERMCO	DisPERMCO	PERMCO of the Issuer Providing Payment

SFZ_DP_DLY — Maps to StkDlyPrimarySecurityData and StkDlySecurityData

Table contains primary daily time series data — prices, returns, volumes, and capitalization; these item are now in both the StkDlyPrimarySecurityData and, if non-primary items are needed, the much larger StkDlySecurityData file.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kypermno	PERMNO	PERMNO	PERMNO
caldt	Date	DlyCalDt (see also YYYYMMDD)	Daily Calendar Date
prc	Price or Bid/Ask Average	DlyPrc (see also DlyPrcFlg)	Daily Price (Closing Trade or Bid/Ask Average)
ret	Total Return	DlyRet	Daily Total Return
retx	Return without Dividends	DlyRetx	Daily Price Return
tcap	Capitalization, End of Period	DlyCap (see also DlyCapFlg)	Daily Capitalization
vol	Volume	DlyVol	Daily Volume

SFZ_DS_DLY — Maps to StkDlySecurityData

Table contains secondary daily time series data. StkDlySecurityData also includes all the primary data and the numerous fields that do not have S*Z equivalents - see DlyPrevPrc, DlyPrevPrcFlg, DlyPrevDt, DlyPrevCap, DlyPrevCapFlg, DlyRetI, DlyRetMissFlg, DlyRetDurFlg, DlyOrdDivAmt, DlyNonDivAmt, DlyFacPrc, DlyDistRetFlg, DlyClose, DlyMMCnt, and DlyPrcVol.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kypermno	PERMNO	PERMNO	PERMNO
caldt	Date	DlyCalDt (see also YYYYMMDD)	Daily Calendar Date
bidlo	Bid or Low Price	DlyLow (see also DlyBid below)	Daily Low Trade
askhi	Ask or High Price	DlyHigh (see also DlyAsk below)	Daily High Trade
bid	Bid	DlyBid	Daily Closing Bid. Note that some values that were previously only in BIDLO have been moved to DlyBid
ask	Ask	DlyAsk	Daily Closing Ask. Note that some values that were previously only in ASKHI have been moved to DlyAsk
numtrd	NASDAQ Number of Trades	DlyNumTrd	Daily Number of Trades (NASDAQ Only)
openprc	Open Price	DlyOpen	Daily Open Trade

SFZ_HDR — Maps to StkSecurityInfoHdr and StkIssuerInfoHdr

This table include descriptors, and identifiers at the issuer and security levels. New files separate and organize issuer and security data in separate files. In addition, there are several new fields added. StkSecurityInfoHdr contains SecurityHdrFlg, SecurityActiveFlg, ExchangeTier, SecInfoStartDt, SecInfoEndDt, and ShareClass. StkIssuerInfoHdr contains IssuerInfoStartDt, IssuerInfoEndDt, IssuerBegdt, IssuerEndDt, IssuerHdrFlg, CNUM, SecurityRangeCnt, SecurityTotalCnt, and IssuerStatusType. Both files contain ICBIndustry and UESIndustry.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kypermno	PERMNO	PERMNO	PERMNO (Security-Only)
cusip	CUSIP	HdrCUSIP (see also CNUM)	Most recent cusip on file or dummy CUSIP (Security-Only)
cusip9	CUSIP9	HdrCUSIP9	Most recent cusip on file or dummy CUSIP (Security-Only)
htick	Ticker Symbol	Ticker	TICKER (Security-Only)
permco	PERMCO	PERMCO	CRSP Permanent Company (Both tables)
compno	NASDAQ Company Number	NASDCompno	Latest NASDAQ Company (Both tables)
issuno	NASDAQ Issue Identifier	NASDIssuno	Latest NASDAQ Issue number (Security-Only)
hexcd	Exchange Code	Not present (see PrimaryExch & ConditionalType)	Data not present in new files (Security-Only)
hsiccd	SIC Code	SICCD	SIC CODE (Both tables)

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
begdt	Stock Data Begin Date	SecurityBegDt	Starting date for security - all daily data (Security-Only)
enddt	Stock Data End Date	SecurityEndDt	Ending date for security - all daily data (Security-Only)
hdlstcd	Delist Code (Click here for Delist Code mapping)	SecurityActiveFlg	Security Active Flag (Security-Only)
		DelActionType	Delisting Corporation Action Type (Security-Only)
		DelStatusType	Delsiting Completion Status Type (Security-Only)
		DelReasonType	Delisting Reason Type (Security-Only)
		DelPaymentType	Delsiting Payment Summary Type (Security-Only)
hcomnam	Company Name	SecurityNm IssuerNm	Security Name class A, COM, etc. (Security-Only) Issuer Name (Both tables)
htsymbol	Trading Symbol	TradingSymbol	TRADING SYMBOL (Security-Only)
hsnaics	NAICS Code	NAICS	NAICS CODE (Both tables)
hshrcd	Share Code (Click here for Share Code mapping)	USIncFlg	US Incorporation Flag (Y/N/X) (Security-Only)
		IssuerType	Issuer Type (Corp, LTD, REIT, etc.) (Both tables)
		SecurityType	Security Type (Fund, Equity, Unit, etc.) (Security-Only)
		SecuritySubType	Security Sub-Type (Com, ETN, ETF,etc.) (Security-Only)
		ShareType	Share Type (Com, ADRs, SBIs, etc.) (Security-Only)
hprimexch	Primary Exchange	PrimaryExch	Primary Exchange (Security-Only)
htrdstat	Trading Status	TradingStatusFlg	Trading Status (active, halt, suspend) (Security-Only)
hsecstat	Security Status	ConditionalType	Conditional Type (Security-Only)

SFZ_MTH — Maps to StkMthSecurityData

Table contains raw monthly time series data aggregated from the daily series for prices, returns, capitalization, and volume. Differences as noted. See also SFZ_AGG_MTH file.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kypermno	PERMNO	PERMNO	PERMNO
mcaldt	Date	MthCalDt (see also YYYYMM)	Date
mprc	Price or Bid/Ask Average	MthPrc (see also MthPrcFlg)	Monthly Price or Bid/Ask Average
mret	Total Return	MthRet (compounded daily return)	Monthly Total Return using compounded daily returns and associated methodology
mretx	Return without Dividends	MthRetx (compounded daily return without dividends)	Monthly Total Return without dividends using compounded daily returns and associated methodology
mtcap	Capitalization, End of Period	MthCap	Monthly Market Capitalization
mvol	Volume	MthVol	Monthly Volume Traded
mbidlo	Bid or Low Price	Not Present	Derived from DlyLow in StkDlySecurityData
maskhi	Ask or High Price	Not Present	Derived from DlyHigh in StkDlySecurityData
mbid	Bid	Not Present	Derived from DlyBid in StkDlySecurityData
mask	Ask	Not Present	Derived from DlyAsk in StkDlySecurityData
mspread	Closing Bid/Ask Spread	Not Present	Calculate asDlyAsk - DlyBid in StkDlySecurityData
maltprc	Alternate Price	MthPrc (see also MthPrcFlg)	Monthly Price or Bid/Ask Average - variation
maltprcdt	Alternate Price Date	MthPrcDt (see also MthDtFlg)	Monthly Price Date

SFZ_NAM — Maps to StkSecurityInfoHist and StkIssuerInfoHist

Legacy table includes history of descriptors and identifiers at the issuer and security levels. The legacy share type codes map into numerous items in the StkSecurityInfoHist and StkSecurityInfoHist files. In addition, there are several new fields added, including header fields added for easier access. Both files contain ICBIndustry and UESIndustry. StkSecurityInfoHist contains SecurityBegDt, SecurityEndDt, SecurityHdrFlg, HdrCUSIP, HdrCUSIP9, SecuirtyActiveFlg, ExchangeTier, SecurityNm, SecInfoStartDt, SecInfoEndDt, and ShareClass. StkIssuerInfoHist, DelActionType, DelStatusType, DelReasonType, DelPaymentType contains IssInfoStartDt, IssInfoEndDt, IssuerBegdt, IssuerEndDt, IssuerHdrFlg, CNUM, SecurityRangeCnt, SecurityTotalCnt, and IssuerStatusType.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kypermno	PERMNO	PERMNO	PERMNO (Security-Only)
namedt	Name History Begin Date	SecInfoStartDt	Security Information Start Date (Security-Only)
nameenddt	Name History End Date	SecInfoEndDt	Security Information End Date (Security-Only)
ncusip	CUSIP	CUSIP	CUSIP (Security-Only)
ncusip9	CUSIP9	CUSIP9	CUSIP9 (Security-Only)
ticker	Ticker	Ticker	Ticker (Security-Only)
comnam	Company Name	IssuerNm (see also SecurityNm)	Company Name (Both tables)
shrcls	Share Class	ShareClass	Share Class (Security-Only)
shrcd	Share Code (Click here for Share Code mapping)	ShareType	Share Type (Com, ADRs, SBIs, etc.) (Security-Only)
		SecurityType	Security Type (Fund, Equity, Unit, etc.) (Security-Only)
		SecuritySubType	Security Sub-Type (Com, ETN, ETF,etc.) (Security-Only)
		USIncFlg	US Incorporation Flag
		IssuerType	Issuer Type (Corp, LTD, REIT, etc.) (Both tables)
exchcd	Exchange Code	Not Present (see PrimaryExch & ConditionalType)	Data not present in new files
siccd	SIC Code	SICCD	SIC Code (Both tables)
tsymbol	Trading Symbol	TradingSymbol	Trading Symbol (Security-Only)
snaics	NAICS Code	NAICS	NAICS Code (Both tables)
primexch	Primary Exchange	PrimaryExch	Primary Exchange (Security-Only)
trdstat	Trading Status	TradingStatusFlg	Trading Status (active, halt, suspend) (Security-Only)
secstat	Security Status	ConditionalType	Conditional Type (Security-Only)

SFZ_NDI — Maps to StkSecurityInfoHist and StkDlySecurityData

Table includes NASDAQ trading information. Items are separated into logical locations, mapping to two tables.

NDI Items moved to StkSecurityInfoHdr and StkSecurityInfoHist

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kypermno	PERMNO	PERMNO	PERMNO
trtsdt	NASDAQ Traits Start Date	SecInfoStartDt	Security Information Start Date
trtsenddt	NASDAQ Traits End Date	SecInfoEndDt	Security Information End Date
nsdinx	NASDAQ Index Code	Not Present (see SICCD, NAICS, ICBIndustry, and UESIndustry)	No direct mapping. Item aligns closest to the following in StkSecurityInfoHist: SIC Code, NAICS Code, ICB Industry and UES Industry
nmsind	NASDAQ Market Indicator	ExchangeTier	Exchange Tier - StkSecurityInfoHist table
trtscd	NASDAQ Status Code	Not present	Data not present in new files

Items moved to StkDlySecurityData due to frequency of change

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kypermno	PERMNO	PERMNO	PERMNO
Trtsdt to Trtsenddt	NASDAQ Traits Start and End Dates	DlyCalDt	Daily Calendar Date
mmcnt	NASDAQ Market Maker Count	DlyMMCnt	Daily Market Maker Count (NASDAQ Only)

SFZ_SHR — Maps to StkShares

Table includes shares outstanding observations and coding scheme for identifying the source of change. Note also the inclusion of the new StkFloatShares file related to Shares Outstanding, but it is not a direct map.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kypermno	PERMNO	PERMNO	PERMNO
shrsdt	Shares Out Observation Date	ShrStartDt	Share Information Start Date
shrsenddt	Shares Out Observation End Date	ShrEndDt	Share Information End Date
shrout	Shares Outstanding	ShrOut	Total Shares OutStanding
shrflg	Shares Out Observation Flag	ShrSource	Share Change Source Type

SFZ_AGG_MTH — Maps to StkMthSecurityData

Two new fields have been added to provide summary information about the completeness of the data row - MthCompFlg and MthCompSubFlg.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
KYPERMNO	PERMNO	PERMNO	PERMNO
YYYYMM	Integer Year and Month	YYYYMM	Integer Year and Month
mcaldt	Date	MthCalDt	Date
mthprc	Monthly Price or Bid/Ask Average	MthPrc	Monthly Price or Bid/Ask Average
mthprcflg	Monthly Price Flag	MthPrcFlg	Monthly Price Flag
mthprcdt	Monthly Price Date	MthPrcDt	Monthly Price Date
mthdtflg	Monthly Date Flag	MthDtFlg	Monthly Date Flag
mthdelflg	Monthly Delisting Flag	MthDelFlg	Monthly Delisting Flag
mthcap	Monthly Market Capitalization	MthCap	Monthly Market Capitalization
mthprevprc	Monthly Previous Price	MthPrevPrc	Monthly Previous Price
mthprevprcflg	Monthly Previous Price Flag	MthPrevPrcFlg	Monthly Previous Price Flag
mthprevdt	Monthly Previous Date	MthPrevDt	Monthly Previous Date
mthprevdtflg	Monthly Previous Date Flag	MthPrevDtFlg	Monthly Previous Date Flag
mthprevcap	Monthly Previous Capitalization	MthPrevCap	Monthly Previous Capitalization
mthret	Monthly Total Return	MthRet	Monthly Total Return
mthretx	Monthly Return Without Dividends	MthRetx	Monthly Return Without Dividends
mthretflg	Monthly Return Without Dividends	MthRetFlg	Monthly Return Flag
mthdiscnt	Monthly Distribution Count	MthDisCnt	Monthly Distribution Count
mthvol	Monthly Volume Traded	MthVol	Monthly Volume Traded
mthvolflg	Monthly Volume Flag	MthVolFlg	Monthly Volume Flag
mthprcvol	Monthly Price Volume	MthPrcVol	Monthly Price Volume

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
mthfacshrflg	Monthly Share Factor Flag	MthFacShrFlg	Monthly Factor to Adjust Shares Flag
mthprcvolmisscnt	Monthly Count of Missing Prices or Volumes	MthPrcVolMissCnt	Monthly Count of Missing Prices or Volumes
ncusip	CUSIP	CUSIP	CUSIP on MthPrcDt
ticker	Ticker	Ticker	Ticker on MthPrcDt
comnam	Company Name	IssuerNm	Issuer Name on MthPrcDt
shrcd	Share Code (Click here for Share Code mapping)	ShareType	Share Type (Com, ADRs, SBIs, etc.) on MthPrcDt
		SecurityType	Security Type (Fund, Equity, Unit, etc.) on MthPrcDt
		SecuritySubType	Security Sub-Type (Com, ETN, ETF,etc.) on MthPrcDt
		USIncFlg	US Incorporation Flag (Y/N/X) on MthPrcDt
		IssuerType	Issuer Type (Corp, LTD, REIT, etc.) on MthPrcDt
nmsind	NASDAQ Market Indicator	ExchangeTier	Exchange Tier on MthPrcDt
primexch	Primary Exchange	PrimaryExch	Primary Exchange on MthPrcDt
trdstat	Trading Status	TradingStatusFlg	Trading Status (active, halt, suspend) on MthPrcDt
secstat	Security Status	ConditionalType	Security Status/Conditional Type on MthPrcDt

SFZ_AGG_QTR — Maps to StkQtrSecurityData

Two new fields have been added to provide summary information about the completeness of the data row - QtrCompFlg and QtrCompSubFlg.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
KYPERMNO	PERMNO	PERMNO	PERMNO
YYYYQ	Integer Year and Quarter	YYYYQ	Integer Year and Quarter
qcaldt	Date	QtrCalDt	Date
qtrprc	Quarterly Price or Bid/Ask Average	QtrPrc	Quarterly Price or Bid/Ask Average
qtrprcflg	Quarterly Price Flag	QtrPrcFlg	Quarterly Price Flag
qtrprcdt	Quarterly Price Date	QtrPrcDt	Quarterly Price Date
qtrdtflg	Quarterly Date Flag	QtrDtFlg	Quarterly Date Flag
qtrdelflg	Quarterly Delisting Flag	QtrDelFlg	Quarterly Delisting Flag
qtrcap	Quarterly Market Capitalization	QtrCap	Quarterly Market Capitalization
qtrprevprc	Quarterly Previous Price	QtrPrevPrc	Quarterly Previous Price
qtrprevprcflg	Quarterly Previous Price Flag	QtrPrevPrcFlg	Quarterly Previous Price Flag
qtrprevdt	Quarterly Previous Date	QtrPrevDt	Quarterly Previous Date
qtrprevdtflg	Quarterly Previous Date Flag	QtrPrevDtFlg	Quarterly Previous Date Flag
qtrprevcap	Quarterly Previous Capitalization	QtrPrevCap	Quarterly Previous Capitalization
qtrret	Quarterly Total Return	QtrRet	Quarterly Total Return
qtrretx	Quarterly Return Without Dividends	QtrRetx	Quarterly Return Without Dividends
qtrretflg	Quarterly Return Flag	QtrRetFlg	Quarterly Return Flag
qtrdiscnt	Quarterly Distribution Count	QtrDisCnt	Quarterly Distribution Count
qtrvol	Quarterly Volume Traded	QtrVol	Quarterly Volume Traded
qtrvolflg	Quarterly Volume Flag	QtrVolFlg	Quarterly Volume Flag
qtrprcvol	Quarterly Price Volume	QtrPrcVol	Quarterly Price Volume
qtrfacshrflg	Quarterly Share Factor Flag	QtrFacShrFlg	Quarterly Factor to Adjust Shares Flag

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
qtrprcvolmisscnt	Quarterly Count of Missing Prices or Volumes	QtrPrcVolMissCnt	Quarterly Count of Missing Prices or Volumes
ncusip	CUSIP	CUSIP	CUSIP on QtrPrcDt
ticker	Ticker	Ticker	Ticker on QtrPrcDt
comnam	Company Name	IssuerNm	Issuer Name on QtrPrcDt
shrcd	Share Code (Click here for Share Code mapping)	ShareType	Share Type (Com, ADRs, SBIs, etc.) on QtrPrcDt
		SecurityType	Security Type (Fund, Equity, Unit, etc.) on QtrPrcDt
		SecuritySubType	Security Sub-Type (Com, ETN, ETF,etc.) on QtrPrcDt
		USIncFlg	US Incorporation Flag (Y/N/X) on QtrPrcDt
		IssuerType	Issuer Type (Corp, LTD, REIT, etc.) on QtrPrcDt
nmsind	NASDAQ Market Indicator	ExchangeTier	Exchange Tier on QtrPrcDt
primexch	Primary Exchange	PrimaryExch	Primary Exchange on QtrPrcDt
trdstat	Trading Status	TradingStatusFlg	Trading Status (active, halt, suspend) on QtrPrcDt
secstat	Security Status	ConditionalType	Security Status/Conditional Type on QtrPrcDt

SFZ_AGG_ANN — Maps to StkAnnSecurityData

Two new fields have been added to provide summary information about the completeness of the data row - AnnCompFlg and AnnCompSubFlg.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
KYPERMNO	PERMNO	PERMNO	PERMNO
YYYY	Integer Year	YYYY	Integer Year
acaldt	Date	AnnCalDt	Date
annprc	Annual Price or Bid/Ask Average	AnnPrc	Annual Price or Bid/Ask Average
annprcflg	Annual Price Flag	AnnPrcFlg	Annual Price Flag
annprcdt	Annual Price Date	AnnPrcDt	Annual Price Date
anndtflg	Annual Date Flag	AnnDtFlg	Annual Date Flag
anndelflg	Annual Delisting Flag	AnnDelFlg	Annual Delisting Flag
anncap	Annual Market Capitalization	AnnCap	Annual Market Capitalization
annprevprc	Annual Previous Price	AnnPrevPrc	Annual Previous Price
annprevprcflg	Annual Previous Price Flag	AnnPrevPrcFlg	Annual Previous Price Flag
annprevdt	Annual Previous Date	AnnPrevDt	Annual Previous Date
annprevdtflg	Annual Previous Date Flag	AnnPrevDtFlg	Annual Previous Date Flag
annprevcap	Annual Previous Capitalization	AnnPrevCap	Annual Previous Capitalization
annret	Annual Total Return	AnnRet	Annual Total Return
annretx	Annual Return Without Dividends	AnnRetx	Annual Return Without Dividends
annretflg	Annual Return Flag	AnnRetFlg	Annual Return Flag
anndiscnt	Annual Distribution Count	AnnDisCnt	Annual Distribution Count
annvol	Annual Volume Traded	AnnVol	Annual Volume Traded
annvolflg	Annual Volume Flag	AnnVolFlg	Annual Volume Flag
annprcvol	Annual Price Volume	AnnPrcVol	Annual Price Volume
annfacshrflg	Annual Share Factor Flag	AnnFacShrFlg	Annual Factor to Adjust Shares Flag
annprcvolmisscnt	Annual Count of Missing Prices or Volumes	AnnPrcVolMissCnt	Annual Count of Missing Prices or Volumes

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
ncusip	CUSIP	CUSIP	CUSIP on AnnPrcDt
ticker	Ticker	Ticker	Ticker on AnnPrcDt
comnam	Company Name	IssuerNm	Issuer Name on AnnPrcDt
shrcd	Share Code (Click here for Share Code mapping)	ShareType	Share Type (Com, ADRs, SBIs, etc.) on AnnPrcDt
		SecurityType	Security Type (Fund, Equity, Unit, etc.) on AnnPrcDt
		SecuritySubType	Security Sub-Type (Com, ETN, ETF,etc.) on AnnPrcDt
		USIncFlg	US Incorporation Flag (Y/N/X) on AnnPrcDt
		IssuerType	Issuer Type (Corp, LTD, REIT, etc.) on AnnPrcDt
nmsind	NASDAQ Market Indicator	ExchangeTier	Exchange Tier on AnnPrcDt
primexch	Primary Exchange	PrimaryExch	Primary Exchange on AnnPrcDt
trdstat	Trading Status	TradingStatusFlg	Trading Status (active, halt, suspend) on AnnPrcDt
secstat	Security Status	ConditionalType	Security Status/Conditional Type on AnnPrcDt

Full index files are available for 1925 and 1962 stock & index products. 1925 and 1962 stock-only products include indexes limited to CRSP value- and equal-weighted capitalization indexes and the published S&P 500 and NASDAQ Composite price-only return indexes. In the current version of the files, the values are being calculated on our legacy system, and passed-through to the new files, and therefore may not match precisely with values recalculated from the new files.

SFZ_DIND — Map to IndDlySeriesData

Tables include time series data for daily index series. Two new items have been added, DlyEligCnt and DlyWgtAmt. For the Stock and Indexes products, new rows containing the values of the CRSP Investable Indexes have also been add.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kyindno	INDNO	INDNO	INDNO
caldt	Date	DlyCalDt (see also YYYYMMDD)	Daily Calendar Date
tret	Total Return on Index	DlyTotRet	Daily Total Return on Index
tind	Total Return Index Level	DlyTotInd	Daily Index Level from Index Total Return
aret	Return without Dividends on Index	DlyPrcRet	Daily Price Return on Index (from RetX)
aind	Return without Dividends Index Level	DlyPrcInd	Daily Price Level from Index Price Return
iret	Income Return on Index	DlyIncRet	Daily Income Return on Index
iind	Income Return Index Level	DlyIncInd	Daily Index Level from Index Income Return
usdcnt	Used Count	DlyUsdCnt (see also DlyWgtAmt)	Used (Security) Count on CalDt
usdval	Used Value	DlyUsdVal (see also DlyWgtAmt)	Used (Capitalization) Value on CalDt
totcnt	Total Count	DlyTotCnt (see also DlyEligCnt)	Total (Security) Count on CalDt
totval	Total Value	DlyTotVal	Total (Capitalization) Value on CalDt

SFZ_MIND — Maps to IndMthSeriesData

Table includes time-series data for the monthly index series. In addition, two new items have been added, MthEligCnt and MthWgtAmt.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kyindno	INDNO	INDNO	INDNO
mcaldt	Date	MthCalDt (see also YYYMM)	Integer Year and Month
mtret	Total Return on Index	MthTotRet	Monthly Total Return on Index
mtind	Total Return Index Level	MthTotInd	Monthly Index Level from Index Total Return
maret	Return without Dividends on Index	MthPrcRet	Monthly Price Return on Index (from Retx)
maind	Return without Dividends Index Level	MthPrcInd	Monthly Price Level from Index Price Return
miret	Income Return on Index	MthIncRet	Monthly Income Return on Index
miind	Income Return Index Level	MthIncInd	Monthly Index Level from Index Income Return
musdcnt	Used Count	MthUsdCnt (see also MthWgtAmt)	Used (Security) Count on MCalDt
musdval	Used Value	MthUsdVal (see also MthWgtAmt)	Used (Capitalization) Value on MCalDt
mtotcnt	Total Count	MthTotCnt (see also MthEligCnt)	Total (Security) Count on MCalDt
mtotval	Total Value	MthTotVal	Total (Capitalization) Value on MCalDt

SFZ_INDHDR — Maps to IndSeriesInfoHdr and IndFamilyInfoHdr

Tables include index and family names and parameters. Legacy files include rule and methodology details that are not implemented in the new files. For example, INDNOs and INDFAMs that have been added from CRSP's Investable Index Data. These will not appear in the legacy files.

Items moved to IndSeriesInfoHdr

In addition, four new fields have been added that previously were only in the PDF documentation, IndFamilyType, FreqAvail, WeightType, and CntValType.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kyindno	INDNO	INDNO	INDNO
indname	Index Name	IndNm	Index Name
indbegdt	Beginning Date of Index	IndBegDt	Index Begin Date
indenddt	End Date of Index	IndEndDt	Index End Date
indfam	Index Family	INDFAM	Unique Index Family Key
portnum	Portfolio Number	PortNum	Portfolio Number
baselvl	Index Base Level	BaseLvl	Index Base Level (e.g. 100, 1)
basedt	Index Base Date	BaseDt	Index Base Date

Items Moved to IndFamilyInfoHdr

Additional items have been moved from the PDF documentation to the IndFamilyInfoHdr - IndexFamNm, IndFamilyBegDt, IndFamilyEndDt, FreqAvail, WeightType, CntValType, IndFamilySize, IndFamilyFirstINDNO, IndFamilyLastINDNO, and UnderlyingDataCd.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
indfam	Index Family	INDFAM	Unique Index Family Key
portnum	Portfolio Number	PortNum	Portfolio Number
baselvl	Index Base Level	BaseLvl	Index Base Level (e.g. 100, 1)
basedt	Index Base Date	BaseDt	Index Base Date
calcrule	Index Rules	BreakPointStatType	BreakPoint Statistic Type
listrule	Index Listing Exception Rules	RuleGroup	Group of Valid Types for this Family

Note: The AVAILABILITY, METHOD, REBALRULE, PUNIVERSE, and UNIVERSE fields have been restructured into AssignStatType, IndFamType, WeightType, BreakpointFreqType, PortOrder, BreakpointStatType, BreakpointINDFAM, UniverseType, and ExchangeGroup.

SFZ_MBR — Maps to StkIndMembership

Membership data is available to subscribers of the 1925 and 1962 stock & index products, and INDFAM has been added to this table for improved access. Also, the membership data now has new rows from the CRSP Investable Indexes. The natural key to this file includes INDNO, which is a better field to use than INDFAM for most purposes. However, for comparison to legacy's KEYSET field, INDFAM should be used.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kypermno	PERMNO	PERMNO	PERMNO
keyset	Keyset	INDFAM	INDFAM
mbrdt	Member Begin Date	MbrStartDt	Membership Start Date
mbrenddt	Member End Date	MbrEndDt	Membership End Date
mbrflag	Member Flag	MbrFlg	Membership Flag

SFZ_PORTD & SFZ_PORTM — Map to IndSecStatistics and IndIssStatistics (Issuer Cap-Based Only)

Portfolio membership information is available to subscribers of the 1925 and 1962 stock and index products. The ANNUAL field was overloaded and has been split into two fields, and the Issuer Cap-Based statistics would have duplicate values for multiple PERMNOs for the same PERMCO, and these have been collapsed into a single issuer row.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kypermno	PERMNO	PERMNO	PERMNO
keyset	Index Family	INDFAM	INDFAM
annual	Year	YYYY	Calculation Year
		SecAssignYYYY	Security Assignment Year
(m)pportnum	Portfolio Decile Number	SecAssignPortNum	Security Assignment Portfolio Number
(m)pindno	Index INDNO for Daily (Monthly) Family	SecAssignINDNO	Security Assignment INDNO
(m)pstat	Portfolio Statistic for Daily (Monthly) Family	SecStat	Security Statistic
(m) ppflg	Security Statistic Flag	SecStatFlg	Security Statistic Missing Flag

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kypermno	PERMNO	PERMCO	PERMCO
keyset	Index Family	INDFAM	INDFAM
annual	Year	YYYYQ	Calculation Quarter
		IssAssignYYYYQ	Issuer Assignment Quarter
mpportnum	Portfolio Decile Number	IssAssignPortNum	Issuer Assignment Portfolio Number
mpindno	Index INDNO for Monthly Family	IssAssignINDNO	Issuer Assignment INDNO
mpstat	Portfolio Statistic for Monthly Family	IssStat	Issuer Statistic
mppflg	Security Statistic Flag	IssStatFlg	Issuer Statistic Missing Flag

SFZ_RB — Maps to IndSecRebalSummary and IndIssRebalSummary

Tables include breakpoints and statistics for index deciles and portfolios. Breakpoint information is available to subscribers of the 1925 and 1962 stock & index and the 1925 index-only products. In addition, INDNOs that have been added from CRSP's Investable Index Data and these will not appear in the legacy files.

Items mapping to the IndSecRebalanceSummary,

For Annually Rebalanced - Security-Based Capitalization, Standard Deviation, and Beta Indexes. Fields YYYY, SecAssignYYYY, SecIssuerAllCnt, SecSecurityDropCnt, SecSecurityAddCnt, SecMinStatIssuerNm, and SecMaxStatIssuerNm.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kyindno	INDNO	INDNO	INDNOId
rbbegdt	Index Rebalancing Begin Date	SecAssignStartDt	Security AssignmentStart Date
rbenddt	Index Rebalancing End Date	SecAssignEndtDt	Security Assignment End Date
rusdcnt	Index Rebalancing Count	SecSecurityAllCnt	Securities assigned sometime during this year
minid	PERMNO Associated with Minimum Statistic	SecMinStatPERMNO	PERMNO associated with the Minimum statistic
maxid	PERMNO Associated with Maximun Statistic	SecMaxStatPERMNO	PERMNO associated with the Maximum statistic
minstat	Minimum Statistic	SecMinStat	Minimum Security statistic
		SecLowBreakpoint	Low Breakpoint Security statistic

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
maxstat	Maximum Statistic	SecMaxStat SecHighBreakpoint	Maximum Security statistic High Breakpoint Security statistic

Items mapping to IndIssRebalSummary

For the Quarterly Rebalanced Issuer Cap-Based Indexes. Added fields are YYYYQ, IssAssignYYYYQ, IssSecurityAllCnt, IssSecurityDropCnt, IssSecurityAddCnt, IssMinStatIssuerNm, IssMaxStatIssuerNm, IssLowBreakpoint and IssHighBreakpoint.

LEGACY ITEM ID (SIZ)	LEGACY NAME (SIZ)	NEW ITEM NAME (CIZ)	NEW ITEM DESCRIPTION (CIZ)
kyindno	INDNO	INDNO	INDNO
rbbegdt	Index Rebalancing Begin Date	IssAssignStartDt	Issuer AssignmentStart Date
rbenddt	Index Rebalancing End Date	IssAssignEndtDt	Issuer Assignment End Date
rusdcnt	Index Rebalancing Count	IssIssuerAllCnt (see also IssSecurityAllCnt)	Issuers active during assignment quarter
minid	PERMNO Associated with Minimum Statistic	IssMinStatPERMCO	PERMCO associated with the Minimum statistic
maxid	PERMNO Associated with Maximun Statistic	IssMaxStatPERMCO	PERMCO associated with the Maximum statistic
minstat	Minimum Statistic	IssMinStat	Minimum Issuer statistic
maxstat	Maximum Statistic	IssMaxStat	Maximum Issuer statistic

MetaSIZtoCIZ — SIZ TO CIZ COLUMN MAPPING

File includes information about the SIZ to CIZ Column Mapping and is useful to translate from SIZ columns to CIZ columns and conventions.

ITEM NAME	ITEM DESCRIPTION	ITEM DEFINITION
SIZFileName	SIZ File Name	Name of the SIZ File
SIZColPosition	SIZ Column Position	Column Position of the item within the SIZ file
SIZColMapSeq	SIZ Column Mapping Sequence	Sequence number to distinguish when then is a one to many mapping between an SIZ Item and a CIZ Item
SIZItemName	SIZ Item Name	Name of the SIZ Item
SIZItemDesc	SIZ Item Description	Short Descripton of the SIZ Item
CIZFileName	CIZ File Name	Name of the CIZ File, if a mapping is available
CIZItemName	CIZ Item Name	Name of the CIZ Item, if a mapping is available
CIZItemDesc	CIZ Item Description	Short Descripton of the CIZ Item, if a mapping is available
SIZMappingType	SIZ to CIZ Mapping Type	Mapping Type provides information on how the SIZ column could be mapped to the CIZ column(s), if applicable
SIZMappingSubType	SIZ to CIZ Mapping Sub Type	Mapping Sub Type provides additional information on how the SIZ column could be mapped to the CIZ column(s), if applicable
CIZColumnKey	CIZ Column Key	CIZ Column Key is a unique key for the Metadata Column Information File
CIZFileKey	CIZ File Key	CIZ File Key is a unique key for the Metadata File Information File
CIZItemKey	CIZ Item Key	CIZ Item Key is a unique key for the Metadata Item Infomation File
SIZColumnMappingKey	SIZ to CIZ Mapping Key	SIZ to CIZ Mapping Key is a unique surrogate integer key to the MetaSIZtoCIZ file