

RemotePlus Guide to Data

December 2025

How this Guide is Organized

This document lists the advertised items, along with a short description and if the item returns codes a list of all the possible codes. For some codes you may notice they are marked “obsolete” which means for active securities you should not expect to see that code returned, however for securities which are dead but were alive when the code was actively used you may see the code returned. If the item is a record item where it returns more than one data point the layout of the record along with description of the sub items is provided along with the possible codes where applicable.

Related Documentation

The following documentation can be found on the RemotePlus website at https://rplus.icedataservices.com/documentation/index.html

- The RemotePlus Data Item Codes list offers a quick way to view data items available through RemotePlus. The guide includes a description of available data, access keys, periodicity, data sources, update frequencies, and additional considerations for accessing data.
- The RemotePlus User’s Guide provides in-depth instructions for end-users of RemotePlus’ Microsoft Excel ® Add-In and RemotePlus Application Programming Interface (API).
- Quick Reference cards summarize RemotePlus features “at-a-glance”. The RemotePlus Data Quick Reference card lists the most common RemotePlus data item mnemonics along with a description of the item and the item format.

Items

A1ASIS SEDOL/IDII (with Check Digit)

Seven character, SEDOL (Stock Exchange Daily Official List) identifier assigned to the security by the London Stock Exchange or IDII (ICE Data Internal Identifier). IDII is the proprietary coding system of ICE Data Services. IDII codes are allocated by ICE Data Services. The IDII code system was introduced to make increased coverage possible. IDII code coverage is in addition to the LSE SEDOL code coverage and will be generally allocated to securities for which a SEDOL does not exist. IDII codes are allocated sequentially and have been designed so that re-assignment is most unlikely due to the number of available codes.

AAMT Annualized Payment Amount

The Current Annualized Payment Amount is the annual interest payable for fixed income securities, shown as a percentage of par value, or the annualized indicated annual dividend for equities.

ABID Evaluated Price with Accrued Interest

Daily evaluation with accrued interest for the particular tranche. This evaluation represents the bid side of the market. Only applies to CMO/ABS securities.

ACCDT End Accrual Date

The final day on which interest accrues at the current rate for the corresponding payment date.

ACCINT Accrued Interest

ACCINT is a record item which returns the following fields

Field Description	Description	Code table notes
Settlement Date	The Settlement Date that the AI data in the record is based on	Not applicable
Accrual Days	Number of days of accrued interest	Not applicable
Accrual Factor	The principal adjustment factor or multiplier used to calculate the accrued interest per share. For securities with a sinking fund, this is the percentage of original face balance outstanding. For inflation linked bonds, this is the index ratio. For PIK bonds/recapitalized bonds, this is the current principal over original principal as of the beginning of the current coupon period, i.e., excluding the accrued PIK component. Default is 1.0 for a regular bond.	Not applicable
Accrued Interest	The daily accrued interest amount valid for any day between the accrual start date and the accrual end date	Not applicable
Amount	The cumulative accrued interest for each 1.0 principal from accrued period start date (included) to settlement date (excluded)	Not applicable
Amt Per 100	The accumulative accrued interest per 100.0 principal from accrued period start date (included) to settlement date (excluded). It is the same as 100*accumulatedAmount	Not applicable
Amt Per Share	The accumulative accrued interest per share from accrued period start date (included) to settlement date (excluded). It is the same as faceValue*accumulatedAmount*accrualFactorSinceIssue	Not applicable
End Acc Date	Accrual Period End Date	Not applicable

Begin Acc Date	Accrual Period Start Date	Not applicable
Coup Paydate	Coupon Payment Date for current accrual period	Not applicable
Adj. Factor	The principal adjustment factor or multiplier used to calculate the accrued interest per share. For securities with a sinking fund, this is the percentage of original face balance outstanding. For inflation linked bonds, this is the index ratio. For PIK bonds/recapitalized bonds, this is the current principal over original principal as of the beginning of the current coupon period, i.e., excluding the accrued PIK component. Default is 1.0 for a regular bond.	Not applicable
Coupon	The current coupon rate that is applicable for the settlement date and is used in calculating the accrued interest	Not applicable
Exdate	The ex-coupon date for the current coupon period, based on end date of the current accrual period	Not applicable
End Date	The nominal/unadjusted accrual period end date	Not applicable
CPI Index	The Ref CPI index value for the settlement date, this value is zero for non inflation linked bonds	Not applicable

ACCRtxt Current Accrual/Daycount Basis

The Current Accrual/Daycount Basis identifies the method of interest accrual. Current Accrual/Daycount Basis should be used in instances where OACCR (Original Accrual/ Daycount Basis) is not populated, or for purposes of principal default determination.

ACCR has overlapping codes for different asset types. Therefore you need to retrieve ASSET (Generic Asset Category) along with ACCR.

The following codes are applicable when ASSET does not equal J (Non US/Canadian Fixed Income) or K (Non US/Canadian Equity)

Code	Description
	Not available
A	Issued on discount basis, interest calculated on 365-day calendar year
B	Issued on discount basis, interest calculated on 360-day year
C	Actual/actual, semi-annual, 365 day year
D	Actual/actual, annual, 365 day year
E	Business/252
0	30/360
1	30/360, Annual
2	30/360, Semi-Annual
3	30/360, Quarterly
4	30/360, Monthly
5	30/360, Annual, interest in arrears
6	30/360, Semi-Annual, interest in arrears
7	30/360, Quarterly, interest in arrears
8	30/360, Monthly, interest in arrears

9	Interest payable at maturity

The following codes are applicable when ASSET equals J (Non US/Canadian Fixed Income) or K (Non US/Canadian Equity)

Code	Description
0	30 days over 360
1	Actual over Actual
2	Actual over 360
3	Actual over Actual (coupon base)
4	Actual over 365
5	30 days over 360, compounded interest
6	Not applicable (non-interest bearing)
9	New situation

ACTFtxt Active Security Flag

The Active Security Flag identifies a security's status.

ACTF has overlapping codes for different asset types. Therefore, you need to retrieve ASSET (Generic Asset Category) along with ACTF.

The following codes are applicable when ASSET equals K (Non US/Canadian Equity)

Exchange Traded Derivatives

Code	Description
1	Live
3	Dead
G	Skeletal

The following codes are applicable when ASSET does not equal K (Non US/Canadian Equity)

Code	Description
A	Early call as a result of debt restructuring
B	Redeemed as a result of bankruptcy/default
C	Bonds converted
D	Record to be deleted (record normally deleted one month after setting this status)
E	Bonds exchanged
F	Final details from prospectus or source document
G	Ceased trading
H	Redeemed under a "double up" option of the sinking fund
I	Issue repurchased
J	Redeemed at holders' Option
K	Issue consolidated with another series
L	All warrants detached or exercised
M	Matured

O	Optional call features
P	Provisional
Q	Redeemed in full by pro rata amortization
R	Early redemption effective
S	Skeletal Record
T	Early call for tax reasons
W	Warrants expired
X	Preliminary Set Up
Y	Pre Skeletal
Z	New situation
1	Live
3	Dead
5	Pre-skeletal status; preliminary content is available
6	Pre-skeletal status; preliminary content, item description and type codes are available
7	Initial Setup of Security; All relevant terms and conditions may not be available
8	Initial Setup of Security; All relevant terms and conditions generally available
9	Source document unavailable, data should be considered unconfirmed

ADJ Adjustment Factor

Used to adjust per share data for stock splits, stock dividends, and other capitalization changes. Adjustment factors apply to the time periods prior to the capitalization change, so that the data reflect the current share units. If no changes in capitalization have occurred, an adjustment factor of 1.00000 is indicated.

ADJADAT Adjustment Factor Amendment Date

Date of ADJ

ADJINDtxt Adjustable/Floating Rate Indicator

The Adjustable/Floating rate Indicator identifies a security as floating or adjustable rate. For purposes of setting this indicator, “floating”, “adjustable”, or “remarketing or term mode” indicates the rate paid on a security is a function of the change in market interest rates.

Code	Description
C	Contingent Interest
F	Floating or adjustable rate security
I	Inverse floating rate security
N	Not a floating or adjustable rate security
R	Remarketing or term mode security
Z	Other situation

ADRSPONtxt ADR Sponsor

Specifies whether a depository bank has sponsored the program or not.

Code	Description

1	Sponsored
2	Unsponsored

AFBD Factor Adjusted Price with Accrued Interest

Daily evaluated price, with accrued interest, multiplied by the factor.

AGENCYtxt Guaranteeing Agency

The Guaranteeing Agency identifies the agency guaranteeing a mortgage-backed or SBA security.

Code	Descriptions
E	FNMA STRIP
F	FNMA
G	GNMA
H	FHLMC
J	GNMA STRIP
L	FHLMC STRIP
S	SBA

AII Aii Composite Code

This identifier is required for reporting transactions on derivatives admitted to trading on specified markets.

ALTKEY Alternate Key Record

ALTKEY is a record item which returns the following fields

Field Description	Description	Code table notes
Start Date	The first date the identifier is valid	Not applicable
End Date	The last date the identifier is valid or the maturity date where applicable.	Not applicable
Country	Either the country of quotation or issuer depending on the type of identifier.	Not applicable
Identifier	CUSIP, SEDOL, ISIN, and so on.	Not applicable

AMDT Amount Outstanding Date

The date on which the most recent number of shares outstanding was entered in the database or the current bond amount outstanding (AMTO) was reported from the data source. This item is adjusted for stock splits and stock dividends on the ex distribution date. Corporate and government bonds and pass-through securities default to the first calendar day of the month.

AMMKtxt Amount Outstanding Marker

The Amount/Shares Outstanding Marker describes the units of AMTO (Amount/Shares Outstanding**)**, as represented in the currency of NVCC (Nominal Value Currency Code).

Code	Description

K	Capital is that of the underlying security
P	Fund Size - amount of currency
1	Amount expressed as a monetary amount of the currency in NVAL
2	Amount expressed as a number of shares
3	Amount expressed as an integer
4	Amount expressed as amount of annuities
8	Amount expressed as a number of shares. The figure is total of bearer and registered, or alien and domestic, for the security
9	Amount expressed as currency amount in units of the currency in NVAL. The figure is total of bearer and registered, or alien and domestic, for the security

AMTO Amount/Shares Outstanding

The Amount/Shares Outstanding provides either the most recently available number of shares outstanding or the amount of the bond debt outstanding.

ARDT Anticipated Redemption Date

The date on which redemption is anticipated. ARDT can represent the maturity date, the date in the call schedule to which redemption is anticipated, or a date between the current and next call dates.

ARREARS Set-in-arrears (Backward Looking) Rate

Indicates if the current coupon rate will only be known at the end of the corresponding interest period.

ARPR Anticipated Redemption Price

The price at which the issue is anticipated to be redeemed. For example, if the anticipated redemption date is a call date, ARPR is the call price corresponding to that date.

ASK Asked Price

The exchange listed ask, Xtrakter bid or evaluated ask. Where there is a 3pm evaluation and a 4pm evaluation the 3pm evaluation is returned.

ASK4 4pm/Institutional Asked Price

The exchange listed ask, Xtrakter bid or evaluated ask. Where there is a 3pm evaluation and a 4pm evaluation the 4pm evaluation is returned.

ASKADAT Asked Price Amendment Date

Date of the price returned by ASK

ASK4ADAT 4pm/Institutional Asked Price Amendment Date

Date of the price returned by ASK4

ASKCOQtxt Asked Price Country of Quotation

Country of Quotation of the price returned by ASK
See Appendix A: Country Codes

ASK4COQtxt 4pm/Institutional Asked Price Country of Quotation

Country of Quotation of the price returned by ASK4
See Appendix A: Country Codes

ASKCURR Asked Price Currency
Country of Quotation of the price returned by ASK

ASK4CURR 4pm/Institutional Asked Price Currency
Country of Quotation of the price returned by ASK4

ASKEUR Asked Price in EUR
The price returned by ASK converted to Euros using the London close spot mid-rate for the date of the ask.

ASKEX2 2nd Exch Asked Price
Returns the ask from the secondary exchange for dually listed German and Indian securities.

ASKEX2ADAT 2nd Exch Ask Price Amendment Date
Date of the ask returned by ASKEX2.

ASKEX2COQtxt 2nd Exch Ask Price Country of Quotation
Country of Quotation of the price returned by ASKEX2
See Appendix A: Country Codes

ASKEX2CURR 2nd Exch Ask Price Currency
Currency description like United States Dollar of the price returned by ASKEX2

ASKEX2EUR 2nd Exch Ask Price in EUR
The price returned by ASKEX2 converted to Euros using the London close spot mid-rate for the date of the ask.

ASKEX2EXCHtxt 2nd Exch Ask Price Exchange
The exchange or source of the price returned by ASKEX2
See Appendix B: Universal Pricing Exchange codes

ASKEX2GBP 2nd Exch Ask Price in GBP
The price returned by ASKEX2 converted to British Pounds using the London close spot mid-rate for the date of the ask.

ASKEX2ISO 2nd Exch Ask Price Currency Code
ISO Currency code of the price returned by ASKEX2.

ASKEX2USD 2nd Exch Ask Price in USD
The price returned by ASKEX2 converted to US Dollar using the London close spot mid-rate for the date of the ask.

ASKEXCHtxt Asked Price Exchange
The exchange or source of the price returned by ASK.
See Appendix B: Universal Pricing Exchange codes

ASK4EXCHtxt 4pm/Institutional Asked Price Currency Code
The exchange or source of the price returned by ASK4.
See Appendix B: Universal Pricing Exchange codes

ASKGBP Asked Price in GBP

The price returned by ASK converted to British Pounds using the London close spot mid-rate for the date of the ask.

ASKISO Asked Price Currency Code

ISO Currency code of the price returned by ASK.

ASK4ISO 4pm/Institutional Asked Price Currency Code

ISO Currency code of the price returned by ASK4.

ASKUSD Asked Price in USD

The price returned by ASK converted to US Dollar using the London close spot mid-rate for the date of the ask.

ASSETtxt Generic Asset Category

The Generic Asset Category indicates the type of security or basic asset categorization. The item is offered to assist in programming to items which use overlapping codes for different asset types.

Code	Description
A	N.A. Corporate, U.S. Government or Agency bond
B	N.A. Pass-through security
C	N.A. CMO or asset backed security
D	N.A. Municipal bond
E	N.A. Preferred stock
F	N.A. Warrant
G	N.A. Equity (does not include preferred stocks, warrants, UITs or options)
H	N.A. Unit Investment Trust
I	N.A. Option
J	Non-N.A. Fixed Income
K	Non-N.A. Equity
L	Certificate of Deposit
M	Commercial Paper
X	Currency
Y	Commodity/Future

ATYPtxt Payment Type Two

The Payment Type Code Two provides supplemental, or alternative, information to TYPE (Payment Type Code One).

Note: For fixed rate capital securities (e.g., hybrid/synthetic preferreds, retail bonds identified by equity CUSIP numbers) where TYP2 (Collateral for Issue) is “4” (debt or debt-backed), the distribution may be in the form of interest or dividends.

Code	Description
0	Normal cash payments
1	Short pay period

2	Long pay period
3	Includes principal, capital gains, return of capital, liquidations, or unscheduled UIT principal payments.
4	Includes dividend arrears
5	Includes year-end, extra, special, and participating dividends, proceeds from sale, or redemption of rights
6	Includes optional dividends or fractions in cash (stock splits, stock of other company issue, stock on increased shares)
7	Distribution of warrants
8	Canadian currency
9	Foreign currency (non-Canadian)
10	Initial dividend to public
11	Dividend cancelled
12	Initial cash dividends payable on increased shares after stock splits
13	Initial cash dividends payable on increased shares after stock dividends
14	Approximate dividend
15	Initial dividend after split (Canadian dollars)
16	Initial dividend after stock dividend (Canadian dollars)
17	Dividend cancelled by company
18	Net after tax
19	Gross
20	Distribution - same company, different issue
21	At close of business
22	Broker tax information
000	Normal cash payments
001	Short pay period
002	Long pay period
003	Includes principal, capital gains, return of capital, liquidations, or unscheduled UIT principal payments.
004	Includes dividend arrears
005	Includes year-end, extra, special, and participating dividends, proceeds from sale, or redemption of rights
006	Includes optional dividends or fractions in cash (stock splits, stock of other company issue, stock on increased shares)
007	Distribution of warrants
008	Canadian currency
009	Foreign currency (non-Canadian)
010	Initial dividend to public
011	For internal use
012	Initial cash dividends payable on increased shares after stock splits
013	Initial cash dividends payable on increased shares after stock dividends
014	Approximate dividend
015	Initial dividend after split (Canadian dollars)
016	Initial dividend after stock dividend (Canadian dollars)

017	Dividend cancelled by company
018	Net after tax
019	Net before tax
020	Distribution - same company, different issue
021	At close of business
022	Broker tax information

U.S./Canadian Fixed Income Securities

Code	Description
000	None required
001	Short payment
002	Long payment
003	First payment
011	Interest canceled
017	Interest canceled by company

ATYPEtxt Asset Type

Indicates the type of security or asset categorization

Code	Description
10	US Listed Equity
11	Canadian Equity
12	U.S. Pink Sheet
13	U.S. OTC Equity
15	N.A. UITS
16	N.A. Money Market Fund
17	N.A. Option
18	N.A. Corporate, Government
19	N.A. Mortgage-Backed Security
20	CMO - Other
21	N.A. Municipal Bond
22	Commodity/Future
23	Money Markets
24	Canadian Bond
25	U.S. Treasury/U.S. Government Agency
26	N.A. Unlisted ADR/GDR
27	N.A. Preferred
28	N.A. Index
29	N.A. Other
30	Non - N.A. Equity
31	Non - N.A. Corporate/Government Bond
32	Eurobond

33	Non - N.A. Corporate/Government Bond
34	Non - N.A. Option
46	Non - N.A. Fund
47	Non - N.A. Index
49	Non - N.A. Other
50	Currency
72	Non - N.A. Evaluated Bond
74	N.A. Certificate of Deposit
75	N.A. Corporate High Yield Bond
76	N.A. GNMA Serial Note Lot
77	N.A. GNMA Serial Note Unit
78	N.A. Convertible Preferred
79	Church Bond
80	N.A. ABS
81	N.A. Municipal High Yield Bond
82	U.S. Reverse Mortgage Backed Security
83	N.A. Municipal Derivative
84	CMO/ABS Broker Quoted
85	CMO - Commercial MBS
86	CMO - Non-agency Whole Loan ARMs
87	CMO - Other ARMs
88	ABS - Home Equity
89	ABS - Other
99	Leveraged Loan

AUCTIONtxt Auction Agent

The Auction Agent indicates the broker-dealer responsible for conducting the Dutch auction in connection with the periodic interest rate reset and remarketing of auction rate securities.

Note: We do not recommend the use of AUCTION *because the codes it returns could change, be deleted, or added to without notice. Please use* AUCTIONtxt *instead and treat it as a free text field.*

AUTOCALL Autocallable Indicator

Indicates whether a security has an autocallable feature (Y), does not have an autocallable feature (N), or whether data is not available. For example, an issuer must call a security if certain conditions are present, such as an instance where the closing price on reference stock is greater than the initial share price.

AVGL Average Life

The average life is the mean number of years from the date specified until the principal is repaid.

BA:ACCINT Bond Analytics: Accrued Interest - Bid
BA:ACCINTMID Bond Analytics: Accrued Interest - Mid

The interest that adds up (accrues) on a bond which the holder of the bond is entitled to receive if the bond is sold between coupon payment dates. Last available value (OPT=LASP) is not supported for this item

BA:ASW Bond Analytics: Asset Swap Spread - Bid
BA:ASWMID Bond Analytics: Asset Swap Spread - Mid

A measure of credit risk expressed as a spread in basis points over the SWAP curve, for a specified bond at a given price. Last available value (OPT=LASP) is not supported for this item

BA:AVGL Bond Analytics: Average Life (years) - Bid
BA:AVGLMID Bond Analytics: Average Life (years) - Mid

Also referred to as the weighted average life. The weighted average time to receipt of principal payments (including scheduled pay-downs and prepayments). For non-amortizing securities, the average life equals the time to the stated maturity. In BondEdge®, for securities with embedded options the average life is based on the call/put date if the security is trading to call/put. Last available value (OPT=LASP) is not supported for this item

BA:CONV Bond Analytics: Convexity (par) - Bid
BA:CONVMID Bond Analytics: Convexity (par) - Mid

An option-adjusted measure. The average incremental percentage change in a bond's price (including accrued) beyond what is described by its Effective Duration, given +/-100bp shifts in the underlying par curve. If a bond's currency has no associated government yield curve, the U.S. Treasury curve is used in the calculation.

Positive convexity indicates that the bond's effective duration increases as interest rates fall, and decreases when interest rates rise. Negative convexity indicates that the bond's effective duration decreases when interest rates fall and increases when rates rise. Expressed as a "Percentage Contribution to Price Change," it is approximately half of the "duration drift" form of convexity (and therefore does not need to be divided by two when used to estimate a bond's price change). Last available value (OPT=LASP) is not supported for this item

BA:CYLD Bond Analytics: Current Yield - Bid
BA:CYLDMID Bond Analytics: Current Yield - Mid

Coupon divided by clean price. Last available value (OPT=LASP) is not supported for this item

BA:DISCMGN Bond Analytics: Discount Margin - Bid
BA:DISCMGNMID Bond Analytics: Discount Margin - Mid

The difference between an Adjustable Rate Mortgage's Yield to Maturity and the current value of the index on which the ARMs coupon is based (e.g. 1-month SOFR). Last available value (OPT=LASP) is not supported for this item

BA:DTW Bond Analytics: Duration to Worst - Bid
BA:DTWMID Bond Analytics: Duration to Worst - Mid

Modified Duration computed to the redemption date which would provide the lowest yield (for callable bonds) or highest yield (for putable bonds). For securities without calls or puts, Duration to Worst is equal to Modified Duration. Last available value (OPT=LASP) is not supported for this item

BA:DTWANN Bond Analytics: Duration to Worst Annualized - Bid
BA:DTWANNMID Bond Analytics: Duration to Worst Annualized - Mid
Duration to Worst, based upon an annual compounding frequency. Last available value (OPT=LASP) is not supported for this item

BA:DV01 Bond Analytics: DV01 - Bid
BA:DV01MID Bond Analytics: DV01 - Mid
The Dollar Value (01) is the estimated change in the evaluated price, given a 1bp change in the Yield to Worst. Last available value (OPT=LASP) is not supported for this item

BA:EDUR Bond Analytics: Effective Duration (par) - Bid
BA:EDURMID Bond Analytics: Effective Duration (par) - Mid
An option-adjusted measure. The average percentage change in a bond's price (including accrued) given +/- 100bp shifts in the underlying par government yield curve (spot or par depending on the BondEdge preference setting). Incorporates the effect of embedded options for corporate bonds and changes in prepayments for mortgage-backed securities. If a bond's currency has no associated government yield curve, the U.S. Treasury curve is used in the calculation.
The Par Curve method first shifts the theoretical Par Bond curve (+/- 100 bps), then derives two new spot curves from the shifted par curves. These spot curves are used to value the security in the higher and lower rate environments, holding the security's initial OAS constant (the OAS for the security is derived from the Input Price and the current spot curve). The average percentage change in the price of the security versus its current price is its Par Curve effective duration. To be consistent with the Index providers' published values, effective durations and convexities for Indices in BondEdge are computed using the Par Curve method. Last available value (OPT=LASP) is not supported for this item

BA:INPID Bond Analytics: Input Security Identifier
Identifier for the evaluation used to derive the bond analytics data. Last available value (OPT=LASP) is not supported for this item

BA:INPPRC Bond Analytics: Input Price - Bid
BA:INPPRCMID Bond Analytics: Input Pricing Date - Mid
The evaluation used to derive the bond analytics data. Last available value (OPT=LASP) is not supported for this item

BA:INPPRCADAT Bond Analytics: Input Pricing Date
Date of BA:INPID. Last available value (OPT=LASP) is not supported for this item

BA:LDUR Bond Analytics: Local Duration - Bid
BA:LDURMID Bond Analytics: Local Duration - Mid
The standard Macaulay duration formula, modified per the bond's payment frequency. Last available value (OPT=LASP) is not supported for this item

BA:LIBOAS Bond Analytics: OAS SWAP - Bid
BA:LIBOASMID Bond Analytics: OAS SWAP - Mid
The Option Adjusted Spread computed using the SWAP curve associated with the bond's currency. If no curve is available, the SWAP OAS is -9999. Last available value (OPT=LASP) is not supported for this item

BA:MACDUR Bond Analytics: Macaulay Duration - Bid
BA:MACDURMID Bond Analytics: Macaulay Duration - Mid
The time weighted present value of the bond's future cash flows divided by the input price (including accrued income). For mortgage-backed and asset-backed securities cash flows are derived from the current prepayment estimate (PSA%, CPR%, PPC%, etc.) for the security. Macaulay Duration for Floaters is computed to the next reset date. Last available value (OPT=LASP) is not supported for this item

BA:MACDURTW Bond Analytics: Macaulay Duration to Worst - Bid
BA:MACDURTWMID Bond Analytics: Macaulay Duration to Worst - Mid
Macaulay Duration computed to the redemption date which would provide the lowest yield (for callable bonds) or highest yield (for putable bonds). For securities without calls or puts, Macaulay Duration to Worst is equal to Macaulay Duration. Last available value (OPT=LASP) is not supported for this item

BA:MATYRS Bond Analytics: Maturity Years - Bid
BA:MATYRSMID Bond Analytics: Maturity Years - Mid
Maturity Years is representative of the years remaining to maturity. Last available value (OPT=LASP) is not supported for this item

BA:MDUR Bond Analytics: Modified Duration - Bid
BA:MDURMID Bond Analytics: Modified Duration - Mid
The standard Macaulay duration formula, modified for a semi-annual bond-equivalent yield expression. Last available value (OPT=LASP) is not supported for this item

BA:MDURANN Bond Analytics: Modified Duration Annualized - Bid
BA:MDURANNMID Bond Analytics: Modified Duration Annualized - Mid
The standard Macaulay duration formula, assuming an annual compounding frequency. Last available value (OPT=LASP) is not supported for this item

BA:NOMSPRD Bond Analytics: Nominal Spread - Bid
BA:NOMSPRDMID Bond Analytics: Nominal Spread - Mid
The difference between a security's Yield to Worst and the Yield to Worst of the average life matched point of the government curve. Last available value (OPT=LASP) is not supported for this item

BA:PRCTODT Bond Analytics: Price to Date- Bid
BA:PRCTODTMID Bond Analytics: Price to Date- Mid
Displays the stated maturity date unless other features are applicable (e.g., announced calls, sinking funds, prerefunding date, etc.). Last available value (OPT=LASP) is not supported for this item

BA:SMATYRS Bond Analytics: Stated Maturity Years - Bid
BA:SMATYRSMID Bond Analytics: Stated Maturity Years - Mid
Representative of the years remaining to stated maturity. Last available value (OPT=LASP) is not supported for this item

BA:TSYOAS Bond Analytics: OAS Treasury/Government - Bid
BA:TSYOASMID Bond Analytics: OAS Treasury/Government - Mid

Option Adjusted Spread is defined as the constant spread which, when added to the spot rates derived from the government yield curve associated with the bond's currency, causes the present value of the expected option adjusted cash flows to equal the input price. For tax-exempt Municipals, OAS is derived from a AAA-rated, GO municipal curve. If no government yield curve for the currency is available, the OAS is derived from the U.S. Treasury curve. Note: For corporate bonds with embedded options, the OAS is derived using a "finite difference" grid to examine the impact of option features on cashflows across interest rates and through time. For mortgage-backed securities (pass-throughs, CMOs and ARMs), OAS is derived using a Monte Carlo simulation which generates cashflows along various interest rate paths, using the appropriate prepayment model. Last available value (OPT=LASP) is not supported for this item

BA:YLD32 Bond Analytics: Yield Value of 32nd - Bid
BA:YLD32MID Bond Analytics: Yield Value of 32nd - Mid

The Yield Value of 32nd is the change in Yield to Worst given a 1/32 change in the evaluated price. Last available value (OPT=LASP) is not supported for this item

BA:YLDPUT Bond Analytics: Yield to Put - Bid
BA:YLDPUTMID Bond Analytics: Yield to Put - Mid

The internal rate of return of a putable bond, assuming that the bond is put on the specified put date at the specified put price. Last available value (OPT=LASP) is not supported for this item

BA:YTM Bond Analytics: Yield to Maturity - Bid
BA:YTMMID Bond Analytics: Yield to Maturity - Mid

The internal rate of return that causes the present value of a deterministic set of cash flows (assuming no options for bonds and average prepayment for mortgage backed securities) to equal the bond's market value (price + accrued) as of the pricing date. For Options on Futures, equals annualized Theta, with a maximum of 100%. Assumes a semi-annual discounting of coupon payments. Last available value (OPT=LASP) is not supported for this item

BA:YTMANN Bond Analytics: Yield to Maturity Annualized - Bid
BA:YTMANNMID Bond Analytics: Yield to Maturity Annualized - Mid

Yield to Maturity, assuming an annual discounting of coupon payments. Last available value (OPT=LASP) is not supported for this item

BA:YTW Bond Analytics: Yield to Option - Bid
BA:YTWMID Bond Analytics: Yield to Option - Mid

The lowest rate of return expected from a bond given the worst scenario when some or all its provisions (call/put options, sinking fund, prepayments, etc) are used. Put another way: for a bond with provisions such as call/put, sinking fund, prepayments, each scenario will produce a set of cash flow thus give a rate of return (yield to maturity, or yield to call/put depending on provisions used). The smallest rate of return among them is called Yield to Worst for the bond. Assumes a semi-annual discounting of coupon payments. Last available value (OPT=LASP) is not supported for this item

BA:YTWANN Bond Analytics: Yield to Option Annualized - Bid
BA:YTWANNMID Bond Analytics: Yield to Option Annualized - Mid

Yield to Worst, assuming an annual discounting of coupon payments. Last available value (OPT=LASP) is not supported for this item

BA:ZVO Bond Analytics: ZVO - Bid
BA:ZVOMID Bond Analytics: ZVO - Mid

The constant spread over the Treasury spot curve which equates the discounted cashflows derived from today's implied forward curve to the evaluated price of the security. It may be interpreted as the spread an investor would expect to earn if there was no volatility of interest rates into the future. Last available value (OPT=LASP) is not supported for this item

BANKQtxt Bank Qualified Indicator

The Bank Qualified Indicator, available for U.S. municipal bonds, indicates whether or not a public purpose bond is bank qualified. Municipal bonds are considered bank qualified when the bond issuer does not reasonably expect to issue more than $10 million par amount in bonds of the type required to be included in making such a calculation under the Internal Revenue Code in a single calendar year. When purchased by a commercial bank for its portfolio, the bank may receive an 80% tax deduction for the interest cost of carry for the issue.

Note: Under the American Recovery and Reinvestment Act of 2009, for tax-exempt securities issued in 2009 and 2010, the $10 million bank qualified bond limit is changed to $30 million. Borrowers that participate in a pool or borrow through a conduit issuer issuing more than $30 million in a calendar year will be entitled to bank qualification as long as the borrower's total tax-exempt financings are under $30 million in the calendar year.

Code	Description
B	Bank Qualified Municipal Bond
N	Not Bank Qualified
	Data Not Available/Applicable

BDCONtxt Business Day Convention

The Business Day Convention indicates whether a bond's payment date is adjusted if it falls on a nonbusiness day.

Note: Modified Following Business Day is applicable to end of month payment dates. If the payment date falls on a holiday or weekend and the following business day is the first day of the next month, the payment date is moved to the previous business day.

Code	Description
A	Following business day
B	Modified following business day*
C	No adjustment
D	Previous business day
Z	Other Situation

BBID Bloomberg Symbol

BBID is a record item which returns the following fields

Field Description	Description	Code table notes
Returns N/A	Discontinued sub item which now only returns !NA	Not applicable
Exchange Code	The Bloomberg Exchange Code	Not applicable

Ticker	The Bloomberg underlying ticker, not including the strike/expiry or coupon/maturity.	Not applicable
Unique ID	The Unique Bloomberg Identifier	Not applicable
FIGI	FIGI (Financial Instrument Global Identifier)	Not applicable
FIGI Composite	FIGI (Financial Instrument Global Identifier) Composite	Not applicable
Security Number	The Bloomberg ticker including the coupon/maturity	Not applicable

BES Business Entity Record

BESALL Business Entity All Parent Records

Both BES and BESALL are record items with the same layout. BES returns only one record for the issuer while BESALL returns the record for the issuer's parents.

Field Description	Description	Code table notes
DUNS of the Entity	D-U-N-S numbers are issued by Dun & Bradstreet. This field returns the D-U-N-S identifier associated with the entity itself.	Not applicable
DUNS of the Entity's Immediate Parent	The D-U-N-S identifier associated with the immediate parent of the entity. Note: If there is no parent the entity D-U-N-S number is returned.	Not applicable
Registered Name	The legal registered name of the entity	Not applicable
Trade style	The unabbreviated trade style name of the entity. The trade style name is also referred to as the "doing business as" or "also known as" name of an entity.	Not applicable
Address 1	The physical street address of the corporate headquarters of the entity	Not applicable
Address 2	The physical street address of the corporate headquarters of the entity continued.	Not applicable
City	The physical city of the corporate headquarters of the entity.	Not applicable
State or Province	The standard two-character abbreviation for the state or province of the corporate headquarters of the entity.	Not applicable
Postal Code	The postal (zip) code of the corporate headquarters of the entity.	Not applicable
Country	ISO 2 character country code	Not applicable
Phone	The primary business telephone number of the entity. Note: If there is no telephone number/listing, this field may return the telephone number of a parent company.	Not applicable
Website	The website URL of the entity	Not applicable

BETAIDC Beta

For US/Canadian securities only.

$\beta - Cov/Var$

Cov = Covariance
Var = Variance

Covariance = measure of the variance of two variables. The input security and the S&P500
Variance = The average of the squared differences from the Mean.

BID Bid Price
The exchange listed bid, Trax bid or evaluated bid. Where there is a 3pm evaluation and a 4pm evaluation the 3pm evaluation is returned.

BID4 4pm/Institutional Bid Price
The exchange listed bid, Trax bid or evaluated bid. Where there is a 3pm evaluation and a 4pm evaluation the 4pm evaluation is returned.

BIDADAT Bid Price Amendment Date
Date of the price returned by BID

BID4ADAT 4pm/Institutional Bid Price Amendment Date
Date of the price returned by BID4

BIDCOQtxt Bid Price Country of Quotation
Country of Quotation of the price returned by BID
See Appendix A: Country Codes

BID4COQtxt 4pm/Institutional Bid Price Country of Quotation
Country of Quotation of the price returned by BID4
See Appendix A: Country Codes

BIDCURR Bid Price Currency
Currency description like United States Dollar of the price returned by BID

BID4CURR Bid Price Currency
Currency description like United States Dollar of the price returned by BID4

BIDEUR Bid Price in EUR
The price returned by BID converted to Euros using the London close spot mid-rate for the date of the bid.

BIDEX2 2nd Exch Bid Price
Returns the bid from the secondary exchange for dually listed German and Indian securities.

BIDEX2ADAT 2nd Exch Bid Price Amendment Date
Date of the bid returned by BIDEX2.

BIDEX2COQtxt 2nd Exch Bid Price Country of Quotation
Country of Quotation of the price returned by BIDEX2

See Appendix A: Country Codes

BIDEX2CURR 2nd Exch Bid Price Currency
Currency description like United States Dollar of the price returned by BIDEX2

BIDEX2EUR 2nd Exch Bid Price in EUR
The price returned by BIDEX2 converted to Euros using the London close spot mid-rate for the date of the bid.

BIDEX2EXCHtxt 2nd Exch Bid Price Exchange
The exchange or source of the price returned by BIDEX2
See Appendix B: Universal Pricing Exchange codes

BIDEX2GBP 2nd Exch Bid Price in GBP
The price returned by BIDEX2 converted to British Pounds using the London close spot mid-rate for the date of the bid.

BIDEX2ISO 2nd Exch Bid Price Currency Code
ISO Currency code of the price returned by BIDEX2

BIDEX2USD 2nd Exch Bid Price in USD
The price returned by BIDEX2 converted to US Dollar using the London close spot mid-rate for the date of the bid.

BIDEXCHtxt Bid Price Exchange
The exchange or source of the price returned by BID
See Appendix B: Universal Pricing Exchange codes

BID4EXCHtxt Bid Price Exchange
The exchange or source of the price returned by BID4
See Appendix B: Universal Pricing Exchange codes

BID4EXCHtxt 4pm/Institutional Bid Price Currency
The exchange or source of the price returned by BID4
See Appendix B: Universal Pricing Exchange codes

BIDGBP Bid Price in GBP
The price returned by BID converted to British Pounds using the London close spot mid-rate for the date of the bid.

BIDISO Bid Price Currency Code
ISO Currency code of the price returned by BID

BID4ISO 4pm/Institutional Bid Price Currency Code
ISO Currency code of the price returned by BID4

BIDUSD Bid Price in USD
The price returned by BID converted to US Dollar using the London close spot mid-rate for the date of the bid.

BKCODEtxt Backing

The Backing Code indicates the extent to which an issue is backed.

Code	Description
A	Backed for both principal and interest
B	Backed for interest only
C	Backed for principal only
Z	Other

BKINDtxt Backing Indicator

The Backing Indicator indicates a security is either backed in some way (e.g., insured, guaranteed) or an uninsured issue has been repackaged and insured.

Code	Description
A	Guaranteed issue
B	Parent or uninsured issue.
C	Result of repackaging; only child, insured issue.
D	Result of repackaging; one of many children, insured issue.
E	Guaranteed issue and has been repackaged
F	Municipal bond resulting or derived from secondary insurance, cross-over refunding, pre-refunding, or remarketing (may also be referred to as a "child" issue).
G	Municipal bond from which one or more issues resulted due to secondary insurance, cross-over refunding, pre-refunding, or remarketing (may also be referred to as a "parent" issue).
H	Municipal bond that both originated from another security and has subsequently resulted in the creation of repackaged securities (may also be referred to as "both a parent and a child issue").
	Not guaranteed, not repackaged nor a result of repackaging.

BKNAME Backing Entity Name

The name of the insurance company, bank, or other corporate entity responsible for backing an issue as to principal, interest, or both

BKOFFCHK Derived Issue from Backing ID with Check Digit Record

The identifier(s) with check digit(s) of all securities that were repackaged under an identifier other than the BKUIDCHK (Backed Underlying Security Identifier). If repackaging resulted from a portion of an issue being insured, each identifier represents an insured portion.

BKPCT Backing Percentage

The amount of an issue backed, expressed as a percentage

BKUID Backed Underlying Security Identifier

The identifier (without check digit) of the security from which one or more securities were repackaged under another identifier. If repackaging resulted from a portion of an issue being insured, this identifier represents the uninsured portion

BKUIDCHK Backed Underlying Security ID with Check Digit

The identifier (with check digit) of the security from which one or more securities were repackaged under another identifier. If repackaging resulted from a portion of an issue being insured, this identifier represents the uninsured portion

BNAME Benchmark Name

The name of the underlying index or benchmark.

BONDINStxt Bond Insurance

Bond Insurance, available for municipal securities, identifies the commercial insurance company, or companies, that are obligated to provide payment to the bondholders in the event of a default by the issuer.

Code	Description
ACA	American Capital Access
ACASF	American Capital Access/Secd Mkt AGMC Form FSA
AGC	Assured Guaranty Corporation
AGI	Assured Guaranty Inc
AGMC	Assured Guaranty Municipal Corp
AGSBH	AGC/Secondary Berkshire Hathaway Assurance
AMBAC	AMBAC
AMSBH	AMBAC/Secondary BHAC
AMSFS	AMBAC/Secd Mkt AGMC Form FSA
AMSMB	AMBAC/Secd Mkt Natl Pub Fin Guar (Form MBIA)
ASAGC	AMBAC/Secondary AGC
ASASB	AMBAC/Secondary AGC/Secondary BHAC
ASFSB	AMBAC/Secd Mkt AGMC Form FSA/Secd Mkt BHAC
ASSET	Assured Guaranty Corp (Form Radian/Form Asset Gty)
BAM	Build America Mutual
BHAC	Berkshire Hathaway Assurance Corp
BIG	Natl Pub Fin Guar (Form MBIA Form BIG)
CALHF	California Health Facility Construction Loan Program
CAPMA	Capital Markets Assurance Corporation
CCI	Firemen's Insurance Company/Continental Insurance Company
CGIC	AGMC Formerly FSA (Formerly CGIC)
CIFG	AGC FORMERLY CIFG
CIFSA	AGC FORMERLY CIFG/SECD MKT AGMC FORM FSA
CIRAG	AGC FORMERLY CIFG REINSURED BY ASSURED GTY CORP
CISAG	AGC FORMERLY CIFG/SECONDARY AGC
CISMB	AGC FORM CIFG/SECD MKT NATL PUB FIN GUAR(FKA MBIA)
CONLE	Connie Lee Insurance Company
CSFSB	AGC FORM CIFG/SECD MKT AGMC FORM FSA/SECD MKT BHAC
FGBHA	FGIC/Berkshire Hathaway Assurance Corp
FGIC	FGIC
FGISM	FGIC/Secd Mkt Natl Pub Fin Guar (Form MBIA)
FGMSA	FGIC/Reins By Natl (Form MBIA)/Secd Mkt AGC
FGMSB	FGIC/Reins By Natl (Form MBIA)/Secd Mkt BHAC

FGMSF	FGIC/Reinsured by Natl(Form MBIA)/Secd Mkt AGMC Form FSA
FGRMB	FGIC/Reins By Natl Pub Fin Guar (Form MBIA)
FGSAG	FGIC/Secondary AGC
FGSAM	FGIC/Secondary AMBAC
FGSFS	FGIC/Secd Mkt AGMC Form FSA
FGSRA	Fgic/Secondary Assured Guaranty Corp (Form Radian)
FIRE	Firemen's Insurance Company/American Insurance Company
FSA	AGMC Formerly FSA
FSABH	AGMC Formerly FSA/SECONDARY BHAC
FSBHA	FGIC/Secondary BHAC
FSFSB	FGIC/Secd Mkt AGMC Form FSA/Secd Mkt BHAC
GGAC	Glacier General Assurance Company
HIBI	HIBI/IIC (Health Insurance Branch of IIC)
IGF	Investors Guaranty Fund, Limited
IIC	Industrial Indemnity Company
INDUS	Industrial Development Insurance
MAC	Municipal Assurance Corp
MBIA	Natl Public Finance Guarantee (Form MBIA)
MBSAG	Natl Pub Fin Guar (Form MBIA)/Secd Mkt AGC
MBSFS	NatlPUB FIN Guar (Form MBIA)/Secd AGMC Form FSA
MGIC	MGIC
MICPA	MIC Property & Casualty Insurance Corporation
MSBHA	Natl Pub Fin Guar (Form MBIA)/Secd BHAC
MSFSB	Natl(Form MBIA)/Secd Mkt AGMC Form FSA/Secd Mkt BHAC
NATL	National Public Finance Guarantee Corp
NONE	None - Bond is not insured
OLDRE	Old Republic Insurance Company
OTHER	Other Bond Insurance
RADIA	Assured Guaranty Corp Formerly Radian
SACA	Secondary American Capital Access
SACAS	Secd Mkt Aca/Assured Gty Corp (Radian (Asset Gty))
SACFS	Secd Mkt Agc (Radian(Asset Gty))/Agmc Form Fsa
SACMB	Secondary Mkt Aca/Natl (Form MBIA)
SAFSA	Secd Mkt AMBAC/AGMC Form FSA
SAGC	Secondary Assured Guaranty Corp. (ACE Gty.)
SAGFS	Secd Mkt AGC/AGMC Form FSA
SAGI	Secd Mkt Assured Guaranty Inc
SAGMC	Secondary Market Assured Guaranty Municipal Corp
SAMBA	Secondary Market AMBAC
SAMCG	Secd Mkt AMBAC/AGMC Form FSA (Formerly CGIC)
SAMFG	Secondary Market AMBAC/FGIC

SAMMB	Secondary Mkt AMBAC/Natl (form MBIA)
SASFS	Secd Mkt RADIAN (ASSET GTY)/AGMC Form FSA
SASMB	Secd Mkt Agc (Radian (Asset Gty))/Natl (Form Mbia)
SASSG	Secd Mkt Assured Gty Corp (Form Radian/Asset Gty)
SBAM	Secondary Build America Mutual
SBHAC	Secondary Berkshire Hathaway Assurance
SBIG	Secd Mkt Natl (Formerly MBIA Form BIG)
SCAMB	Secondary Cap Mac/Natl (Form MBIA)
SCAPM	Secondary CAPMAC
SCGBI	Secd Mkt AGMC Form FSA (CGIC)/Natl(Form MBIA Form BIG)
SCGIC	Secd Mkt AGMC Form FSA (Formerly CGIC)
SCGMB	Secd Mkt Natl(Form MBIA)/AGMC Form FSA (Form CGIC)
SCIFG	SECONDARY AGC FORMERLY CIFG
SCIFS	SECD MKT AGC FORMERLY CIFG/AGMC FORM FSA
SCONL	Secondary Market AMBAC (formerly CONNIE LEE)
SCRAG	AGC FORMERLY SECONDARY MKT CIFG REINSURED AGC
SFFGM	Secd Mkt AGMC Form FSA/FGIC/REINS BY Natl(Form MBIA)
SFGFS	Secd Mkt FGIC/AGMC Form FSA
SFGIC	Secondary Market FGIC
SFGMB	Secondary Mkt FGIC/Natl (Formerly MBIA)
SFRMB	Secd Mkt FGIC/Reinsured By Natl (Form MBIA)
SFSA	Secd Mkt AGMC Form FSA
SFSMB	Secd Mkt AGMC Form FSA/Natl(Form MBIA)
SFSSB	Secd Mkt AGMC Form FSA/Secd Mkt BHAC
SMAC	Secondary Municipal Assurance Corp
SMAGC	Secondary Mkt Natl (Form MBIA)/AGC
SMBFS	Secd Mkt Natl(Form MBIA)/AGMC Form FSA
SMBIA	Secondary Mkt Natl (Formerly MBIA)
SNATL	Secd Mkt Natl Public Fin Guar Corp
SRAD	Secd Mkt Assured Guaranty Corp (Form Radian)
SSYNC	Secondary Market Syncora Guarantee Inc
SXLCA	Secondary Mkt Syncora Guar Inc (formerly XLCA)
SXLFG	Secondary Market SYNCORA (formerly XLCA)/FGIC
SXLFS	Secd Mkt SYNCORA (Form XLCA)/AGMC Form FSA
SYNCO	Syncora Guarantee Inc
USFG	USF & G
XLAGC	Syncora Guar Inc (formerly XLCA)/Secondary AGC
XLBHA	Syncora Guar Inc (formerly XLCA)/Sec Mkt BHAC
XLCA	Syncora Guarantee Inc
XLFRM	Syncora(Form XLCA)/Secd FGIC/Reins Natl(Form MBIA)
XLFSA	Syncora Guar Inc (Form XLCA)/Secd Mkt AGMC Form FSA

XLSAM	Syncora Guar Inc (formerly XLCA)/Sec Mkt AMBAC
XLSMB	Syncora Ncora (Form XLCA)/Sec Mkt Natl (Form MBIA)
ZCSI	Zurich Capital Speciality Insurance

BRMKtxt Base Rate Marker

The Base Rate Marker identifies the money-market against which the interest margin is set.

Code	Description
1	Australia
2	Budapest
3	Chicago
4	Dublin
5	European
6	Frankfurt
7	Athens
8	Helsinki
9	Italy
10	Johannesburg
11	Kuwait
12	London
13	Montreal
14	United States
15	Oslo
16	Prague
17	Reykjavik
18	Swiss
19	Toronto
20	Various
21	Stockholm
22	Bratislava
23	New Zealand
24	Amsterdam
25	Brussels
26	Copenhagen
27	Stuttgart
28	Hong Kong
29	Lisbon
30	Madrid
31	Paris
32	Singapore
33	Tokyo
34	Vienna

35	Warsaw
36	Tallinn
46	Russia
47	Jakarta
48	Riyadh
49	Tel Aviv
50	Dubai
51	Nigeria

CALCMETHtxt Interest Calculation Method

The formula used to determine the amount of interest paid, usually 30/360 for fixed rate bonds.

Note: There is no coded value, nor an item CALCMET. This item only applies to Municipal Bonds

Description
Actual number of days / actual # of days in year
Actual number of days / 360 days in year
30 days per month / 360 days in year
30 days per month / actual number of days in year
Actual # of days / 365 (even in leap years)
Not applicable
Changeable
Unknown interest calculation method

CALLIND Call Indicator

The security is eligible to be redeemed by the issuer on a call basis

CAPTYPEtxt Capital Type

The Capital Type describes how the municipal bond proceeds are allocated.

Code	Description
0	Refunding
1	Advanced Refunding
2	Advanced Refunding/New Financing
3	Current Refunding
4	Current Refunding/New Financing
5	New Financing
6	Cross-over Refinancing
7	Remarketing/Conversion
8	Remarketed/Converted
9	Null Value
A	Restructured Debt
B	Municipal Forward

C	Sale Canceled
E	Escrow Receipt - Municipal Forward
P	Sale Postponed

CAVGL Average Life at Pricing

The projected average life (in years) of the bond, as stated in the prospectus.

CCIND Conditional Convertible Indicator

Identifies whether a bond is convertible under special market circumstances, such as a contingency or viability event, (**Y**) or if the condition is not applicable.

CCFCtxt Conditional Call Features

The Conditional Call Features Code is a string of up to 16, one-character codes identifying the conditional call characteristics of the issue. These characteristics are event driven situations under which an issue may be redeemed at the issuer's option regardless of the existence of a regular call schedule.

Code	Description
A	with change of control feature
B	upon drop in receivables
C	upon sale of equipment
D	upon destruction of equipment
F	upon eminent domain declaration
G	upon rating downgrade
H	upon tax law change
I	if stock premium increases by certain amount over convertible bond price
Z	other situation

CCSDR Conditional Call Schedule Data Record

CCSDR is a record item which returns the following fields

Field Description	Description	Code table notes
Conditional Call Schedule Date	The date on which the issuer has the right to redeem the debt before its maturity at the Conditional Call Price.	Not applicable
Conditional Call Schedule Price	The price corresponding to the Conditional Call Date at which a fixed income security can be redeemed. It is expressed as a percentage of Nominal Value.	Not applicable

CCVBDT Current Conversion Option Begin Date

The date on which the current conversion features went into effect.

CCVEDT Current Conversion Option End Date

The date on which the current conversion features may be exercised.

CDDAT Accrual Begin Date

The date on which the current coupon becomes effective for the corresponding payment date. (CMO/ABS only)

CDDT Current Coupon Current Determination Date

Available for U.S./Canadian corporate bonds, is the date on which the COUPON (Coupon Rate) is determined.

CEP:ASK CEP Ask Evaluation

Latest Continuous Fixed Income Evaluated Price Ask Evaluation.

CEP:ASPRD CEP Ask Spread

Latest Continuous Fixed Income Evaluated Price Ask Spread.

CEP:AYLD CEP Ask Yield

Latest Continuous Fixed Income Evaluated Price Ask Yield

CEP:BCHMK CEP Benchmark Identifier

Latest Continuous Fixed Income Evaluated Price Benchmark CUSIP

CEP:BCHMKISIN CEP Benchmark ISIN

Latest Continuous Fixed Income Evaluated Price Benchmark ISIN

CEP:BID CEP Bid Evaluation

Latest Continuous Fixed Income Evaluated Price Bid Evaluation.

CEP:BSPRD CEP Bid Spread

Latest Continuous Fixed Income Evaluated Price Bid Spread.

CEP:BYLD CEP Bid Yield

Latest Continuous Fixed Income Evaluated Price Bid Yield

CEP:CURVEREC Curve Record

An intra-day record which returns the latest curve record with all the relevant data points related to a curve. Use the curve identifier with or without the tenor prefixes with “CV:”. This item ignores the tenor and returns a row for each tenor of the curve for evaluation curves.

CEP:CURVEREC is a record item which returns the following fields.

Field Description	Description	Code table notes
Date + Time	Date and time the record updated	Not applicable
Tenor Date	End date of the tenor	Not applicable
Tenor	Time to maturity	Not applicable
Zero Rate	The rate with no interest paid. Not applicable to municipal curves.	Not applicable
Par Yield	The coupon rate for which the price of a bond is equal to its nominal/par value. Not applicable to municipal curves.	Not applicable
Constituent Yield	The rate or yield of the constituent for a specific tenor/maturity.	Not applicable
Discount Factor	The number multiplied by a cash flow value to discount it to the present. Not applicable to municipal curves.	Not applicable
Forward Rate	The interest rate applicable to a financial transaction that will take place	Not applicable

	in the future. Not applicable to municipal curves.	
Z-Spread	The Z-Spread of a bond is a credit relative value measure that reflects the size of a parallel shift to a risk-free yield curve (usually LIBOR/SWAPS) required so that the sum of the bond's discounted cash flows will equal its market price. Not applicable to muni curves.	Not applicable
Asst Swap Sprd	the asset swap spread is the spread applied to the floating side of a standard fixed-to-float interest rate swap whose fixed rate side matches the curve's Par rate, such that the swap will price at par. Not applicable to muni curves.	Not applicable
Quote Side	Returns 'Bid', 'Ask' or 'Mean' to indicate which side was used for the curve.	Not applicable

CEP:DATE CEP Date

Date CEP data.

CEP:MID CEP Mid Evaluation

Latest Continuous Fixed Income Evaluated Price Mid Evaluation.

CEP:MSPRD CEP Mid Spread

Latest Continuous Fixed Income Evaluated Price Mid Spread.

CEP:MYLD CEP Mid Yield

Latest Continuous Fixed Income Evaluated Price Mid Yield

CEP:TIME CEP Update Date and Time of CEP

Date and time of CEP data

CFRTItxt CMO Floating Rate Indicator

The CMO Floating Rate Indicator identifies the floating rate characteristics of the tranche.

Note: For CMO/ABS securities, the rate may change on the basis of factors in addition to current market interest rates (e.g., the weighted average coupon of a particular set of assets, economic or geographic conditions, or pre-payments speeds).

Code	Description
F	Floating rate tranche
I	Inverse floating rate tranche

CFTCR Fitch Conduit Issuer Rating

Provides quality rating information about the quality rating of the conduit issuer.

CHEK CUSIP/SEDOL/IDII Check Digit

Returns the check digit of the identifier RemotePlus normalized your input key to.

CINTD Payment Delay (Days)

The number of calendar days between the date that the interest stops accruing and the date that payment is made to the holder of a collateralized mortgage obligation or asset-backed security. **Note**: Payment Delay (Days) accounts for fluctuating payment dates.

CIPDAT Interest Payment Date

the date holders of record are entitled to receive payment. **Note**: This date may differ from the Principal Payment Date if interest and principal are paid at different frequencies.

CIOPOtxt CMO IO/PO Indicator

The CMO IO/PO Indicator identifies whether the tranche is interest only, Ioette, or principal only.

Code	Description
E	IOette
I	Interest only tranche
P	Principal only tranche

CLAS Issue Class

Returns the issue class as indicated in the security's prospectus. For U.S. CMO/ABS securities, it represents an abbreviation that uniquely identifies its tranche.

CLDAMT Most Recent Called Bond Amount

The amount of the issue to be called. It is returned as zeros, dollars, or number of bonds.

CLDBtxt Collateral Description

The Collateral Description is a four-character code indicating the type of collateral underlying the security.

Code	Description
ACOM	Agency Commercial
AGCY	Agency
AIRL	Airline leases
ALTA	Alternate A Loans
AUTL	Auto leases
CARD	Credit card receivables
CARS	Auto receivables
CLBI	Collateralized Bond Obligation (obsolete)
CLBO	Collateralized Bond Obligation
CLDI	Collateralized Debt Obligation (Factors may not be maintained)
CLDO	Collateralized Debt Obligation
CLLI	Collateralized Loan Obligation (obsolete)
CLLO	Collateralized Loan Obligation
CLPT	Callable pass-through
CMO	Mortgage obligations, or N/A
COMM	Commercial mortgages

CONS	Consumer loans
CORP	Corporate bond debentures
CRDO	CRE CDO
CRLO	CRE CLO
CRPT	Corporate pass-throughs
CSFL	Combined cash flow
CSWP	Callable swaps
DLFP	Dealer notes
DLTX	Delinquent real estate taxes
EDLN	US educational loans
EIOM	Early Interest-Only Loans
ELMS	Equipment loans and mortgages
EQPL	Equipment leases
EXIM	EXIM bank notes
FARM	Farm equipment
FHMX	FHLMC Mixed Mortgages
FHRF	FHLMC 15 Year Relocation
FHRT	FHLMC 30 Year Relocation
FH15	FHLMC 15 Year
FH30	FHLMC 30 Year
FLRP	Floor plan
FNMX	FNMA Mixed Mortgages
FNRF	FNMA 15 Year Relocation
FNRT	FNMA 30 Year Relocation
FN15	FNMA 15 Year
FN30	FNMA 30 Year
FRAN	Franchise Loans (ABS)
FRHM	Farmers home loan
FXUP	Fixer-Uppers
GENL	General leases
GGTR	Guaranteed grantor trusts
GNMX	GNMA Mixed Mortgages
GN15	GNMA I 15 Year
GN30	GNMA I 30 Year
GVAS	Government asset sales
HMEQ	Home equity debt
HMIE	Home improvement/home equity loans
HMIM	Home improvement loans
IFCL	IFC loans
INPL	Insurance Premium Loans
INSR	Insurance premium loans

INVF	Inventory financing
MARN	Marine loans
MCYC	Motorcycle sales contract
MGDP	Mortgage deposit securities
MHPK	Mobile home parks
MHSG	Manufactured housing loans
MLHS	Guaranteed by VA
MMMS	Multi MPC and Multi MS
MMPC	Multiclass MPC/MARC
MPCS	Multi MPC and Multi MS
MPEC	Multi MS, PLC and MACR
MRCV	Mixed receivables
MSPM	Miss-A-Payment
MUNL	Municipal leases
MXCT	Mixed contracts
MXMG	Mixed mortgages
NIMN	Net Interest Margin Notes
NPFL	Non-Performing Loans
OILG	Oil and gas equipment leases
OPPM	Optional Payment Plan
OTHR	Other
PGGY	Piggy-Back Mortgages
PLGS	Pledged giant securities
PRIV	Privately-issued agency-backed
PRSL	Personal lines of credit
RAIL	Rail cars
REAN	REA notes
RECV	Recreational vehicle loans
REOL	Real Estate Owned Loans
REVM	Reverse Mortgages
RPFL	Re-Performing Loans
SBUS	Small business loans
SCCB	FHLB SCC backed certificates
SFMR	Single Family Rental
STPT	Structured pass-through
STUD	Student loans
SUMG	Secured and unsecured mortgages
S108	Section 108 loan guar. notes
TMSH	Time shares
TRAD	Trade receivables
TRFF	Tariffs

TRUC	Truck loans
UBOB	Utility bill obligations
UBOG	Utility bill obligations
USSB	US and sovereign banks
WHOL	Residential whole loan
12MG	First and second mortgages
2G15	GNMA II 15 Year
2G30	GNMA II 30 year
2MTG	Second mortgages

CLDDT Most Recent Called Bond Date

The most recently announced date prior to maturity, when the debt issue was, or will be redeemed, in full or in part.

CLDFLGtxt Most Recent Called Bond Amount Flag

The Most Recent Called Announcement Amount Flag indicates how the CLDPR (Most Recent Called Bond Price) is quoted.

Code	Description
A	Fully called; amount is returned as 0
B	Partially called; amount is quoted in dollars and cents
C	Partially called; amount is quoted in bonds
D	Partially called; amount is returned as 0
	Condition does not apply

CLDINDtxt Called Bond Announcement Indicator

The Called Announcement Indicator identifies the extent to which a bond has been called.

Code	Description
F	Full call announced
P	Partial call announced
R	All calls rescinded
	No calls announced

CLDPMtxt Most Recent Called Bond Premium

The Most Recent Called Announcement Premium Code identifies that a premium is paid on redemption (**1**) or is not applicable (blank).

Code	Description
1	A premium will be paid on redemption
	No premium applicable

CLDPR Most Recent Called Bond Price

The percent of par associated with the Most Recent Called Announcement Date at which the debt issue was, or will be, redeemed

CLDSFtxt Most Recent Called Bond Sinking Fund

The Most Recent Called Announcement Sinking Fund Code identifies whether the call is a sinking fund call (**1**) or is not a sinking fund call that is, a portion of the mandatory sinking fund requirement is satisfied by a pro rata call versus purchase in the open market.

Code	Description
1	A sinking fund call
	Not a sinking fund call

CMONUM CMO Number

Six–digit number that identifies the deal number. All tranches within a deal are assigned the same number.

CMOOD Moody's Conduit Issuer Rating

Provides quality rating information about the conduit issuer.

CMWFtxt Callable Make Whole Flag

The Standard Call Make Whole Flag indicates if a security has a make whole call feature, or a call price based on the performance of an underlying index, security, or indicator (**Y**); does not have a make whole call feature (**N**); or that such data is not available (blank). A make whole call feature permits the borrower to repay the remaining debt early by making a lump sum payment derived from a formula based on the net present value of future coupon payments that not be paid because of a call.

Code	Description
Y	Security has make whole feature
N	Security does not have make whole feature

CNINDtxt Cross National Indicator

The Cross-National Indicator identifies whether a U.S. corporate bond is classified as a Yankee (**Y**) or has not been determined to be a Yankee (**N**), or that the data is not available (blank). A Yankee is a U.S. corporate bond identified by a CUSIP whose issuer is incorporated outside the United States and whose issue is trading in U.S. dollars.

Code	Description
Y	U.S. CUSIPed corporate bond classified as Yankee
N	U.S. corporate bond not determined to be Yankee
	Not available

CNDD Current Coupon Next Determination Date

The next date on which the Current Coupon Rate will be determined.

CNOT Call Notice Minimum

The number of days (*nnn*), months (M*nn*), or years (Y*nn*) prior to optional redemption that notice must be given to holders. For example, “030” is 30 days, “M06” is 6 months, and “Y03” is 3 years. Note that

US/Canadian securities return only the *(nnn)* convention, and non-US/non-Canadian securities return any of the other conventions. For municipal securities, if the data is unavailable, this item defaults to 30 days.

CNRD Current Coupon Next Reset/Effective Date

Is the next date (*ccyymmdd*) on which the **Current Coupon Rate** will be reset.

CNTYRISKtxt Country of Risk

The ISO country code of the global ultimate parent entity's country of risk, methodology which includes but is not limited to the country of incorporation, country of domicile and country of primary listing.
See Appendix A: Country Codes

COCCCtxt Current Optional Call Currency

The Current Optional Call Currency Code is the ISO identifying the currency associated with the

COCDT Current Optional Call Date

The date on which the **Current Optional Call Price** went into effect

COCPMtxt Current Optional Call Price Marker

The Current Optional Call Price Marker indicates how the COCPR (Current Optional Call Price) is stated. If the COCPR (Current Optional Call Price) cannot be determined, because it decrements more frequently than monthly or the ending price decrement was not stated in the prospectus, this marker is "F".

Code	Description
A	Amount in currency
P	Percent of stated value
F	Formula

COCPR Current Optional Call Price

The current or first price at which a security is callable as stated in the Current Optional Call Price Marker.

COMGRTXT Co-Manager Data Record

A Co-Manager is a member of the underwriting syndicate other than the Lead Manager. An issue may have multiple Co-Managers.

COMPOUNDtxt Income Compounding Indicator

Indicates the frequency at which the interest for interest-bearing securities compounds, or the principal for non-interest-bearing securities accretes.

Code	Description
A	Simple interest (no compounding)
B	Annual
C	Semi-annual
D	Quarterly
E	Monthly

COMR Common Code

The number, issued jointly by Clearstream and Euroclear, of a registered bond.

CONDUIT Conduit Issuer Name

Available for municipal securities, is the name of the corporate obligor for a corporate-backed municipal issue. The security for this type of issue is customarily the credit of the conduit borrower or pledged revenues from the project financed, rather than the credit of the conduit issuer.

CONINDtxt Conduit Indicator

The Conduit Obligor Indicator, available for municipal securities, identifies ("Y") when a Conduit Obligor (DC) record should be expected for a security

Code	Description
Y	Data in Conduit Issuer Name (item CONDUIT) should be expected.

CONST Constituent

Lists the constituent ISIN, CUSIP or CINs of the underlying securities that make up the curve. This record item has daily periodicity. Applies only to evaluation curves

CONST is a record item which returns the following fields

Field Description	Description	Code table notes
Constituent	The ISIN, CUSIP or CINs of the underlying security	Not applicable

CONTCOMPtxt Contingent Payment Debt Instrument Compounding Frequency Ind

The Contingent Payment Debt Instrument Compounding Frequency Indicator is the frequency associated with the CONTYLD (Contingent Payment Debt Instrument Comparable Yield).

Code	Description
	not available
A	Simple interest
B	Annual
C	Semi-annual
D	Quarterly
E	Monthly
Z	Other

CONTINTtxt Contingent Payment Debt Instrument Indicator

The Contingent Payment Debt Instrument Indicator identifies whether a security is treated as a "contingent payment debt instrument" for U.S. federal income tax purposes, as disclosed on the prospectus

Code	Description
N	Not contingent payment debt instrument
Y	Contingent payment debt instrument for original issue discount purposes
Z	Other

CONTPAY Contingent Payment Indicator

Specifies whether a corporate bond may pay continent interest (Y), the condition does not apply (N) or the data is not available. Examples of conditions that result in contingent interest payments include if the closing value of an index is at or above a predetermined barrier level, or other conditions such as if a benchmark security's trade price is some level above the bond's accreted value.

CONTYLD Contingent Payment Debt Instrument Comparable Yield

As described in *IRS Publication 1212 Guide to Original Issue Discount (OID) Instruments*, "generally is the yield at which the issuer would issue a fixed rate debt instrument with terms and conditions similar to those of the contingent payment debt instrument".

CONUNIT Contract Size Units

The number or quantity of units of the commodity represented by a futures contract.

CONVER Contract Version

Indicates where new version of an option series has been issued resulting from a corporate action on the underlying security.

CONVIND Convertible Indicator

Specifies whether an issue is convertible or exchangeable.

CONYLD Constituent Yield

The rate or yield of the constituent for a specific tenor/maturity. Use with curve and tenor suffix for evaluation curves. Applies only to evaluation curves

CONYLDADAT Constituent Yield Date

Date of the constituent yield. Applies only to evaluation curves

COPTRED Optional Redemption

Indicates whether the bond has a call provision, such as a clean-up call, (Y) or does not have a call provision (N).

COQtxt Country of Quotation

Returns the country the security trades in.
See Appendix A: Country Codes

COT2txt Issuer Type, Expanded - Second

COT2 is a one-character code that identifies the category of the security issuer.
Note: This item is available using a six-digit issuer CUSIP identifier.

Code	Description
D	United States
F	Outside United States

COUNSEL Bond Counsel

Available for municipal securities, identifies the attorney or law firm, typically retained by the issuer to provide a legal opinion in connection with the issuance of the bond.

COUPCEILG Variable Coupon Reset Ceiling

The maximum increase, stated as a percentage, between the last coupon and the current coupon; that is, the maximum value that may be added to the last coupon to set the current coupon.

COUPFLR Variable Coupon Reset Floor

The maximum decrease, stated as a percentage, between the last coupon and the current coupon; that is, the maximum value that may be subtracted from the last coupon to set the current coupon.

COUPNOTE Coupon Type

Identifies the method by which interest is paid over the life of a fixed income security. Use COUPCODE to get the coded value.

Code	Description
0	!NA
1	Short term discount
10	Deferred interest
11	Floating rate @ floor
12	Stripped tax credit
13	Inverse floating
14	Stripped coupon principal
15	Linked inverse floater
16	Flexible rate
17	Original issue discount
18	Stripped principal
19	Reserve CUSIP
2	Fixed rate - unconfirmed
20	Variable rate
21	Stripped coupon
22	Floating auction rate
23	Tax credit
24	Tax credit OID
25	Stripped coupon payment
26	Stepped up stepped down
27	Credit Sensitive
28	Pay in kind
29	Range
3	Adjustable rate
30	Digital
31	Reset
4	Zero coupon
5	Floating rate
6	Index Linked
7	Stepped coupon

8	Fixed rate
9	Stripped convertible
F0	Regular
F1	Reverse
F2	Catch-up
F3	Special
F4	Dual Index
F5	Super
F6	ARM Pass Thru
F7	Index Allocation
F8	Auction Rate Notes

COUPON Coupon Rate

Returns the current coupon and if not available the original coupon rate. For Non US/Canadian securities data is latest only.

COUPONADAT Coupon Effective Date

Effective date of the coupon returned by the item COUPON

CPFCtxt Conditional Put Features

The Conditional Put Features Code is a string of up to eight, one-character codes identifying conditional put characteristics of an issue. These characteristics are event driven situations under which an issue may be redeemed at the holder's option regardless of the existence of a regular put schedule.

Code	Description
A	Puttable on covenant violation
AB	Puttable on covenant violation & change of control
AC	Puttable on covenant violation & rating downgrade
AD	Puttable on covenant violation & death of holder
B	Puttable on change of control
BC	Puttable on change of control & rating downgrade
BD	Puttable on change of control & death of holder
C	Puttable on rating downgrade
CD	Puttable on rating downgrade & death of holder
D	Puttable on death of holder
Z	Other

CQMTHtxt Call Price Quotation Method

The Call Price Quotation Method identifies how CRPR (Current Call Price) is quoted.

Code	Description
A	Percentage of Par Value
B	Percentage of Accreted Value

CRDT Current Call Date

The date on which the **Current Call Price** went into effect. For a discrete call schedule, this item represents the most recent call date on which the bond had been callable. For a continuous call, the bond has been callable since this date, at the **Current Call Price**.

CRFP Current Coupon Reset Frequency Period

The value returned for "*x*" in the **Rate Reset Frequency** when the codes are "1", "2", "3" or "4".

CRPR Current Call Price

Current or first price at which a bond is redeemable, expressed as a percentage of the **Nominal Value**. For make-whole calls, a price of 100 is returned although on any given date the actual make-whole call price may be greater than 100

CRSFtxt Current Coupon Reset Frequency

The Rate Reset Frequency identifies the frequency at which the COUPON (Coupon Rate) resets

Note: For codes 1, 2, 3, and 4 use the item CRFP (Current Coupon Reset Frequency Period) to find the value of *x*.

Code	Description
A	Annually
B	Bi-weekly
C	Changeable
D	Daily
E	Term mode
F	Flexible (at issuers option)
G	Bi-monthly
H	Interest at maturity
I	Irregular
M	Monthly
P	Tied to prime
Q	Quarterly
R	One time adjustment
S	Semi-annually
T	Every 10 years
W	Weekly
X	Expiration of credit facility
Z	When interest adjusts-commercial paper
1	Every x Days
2	Every x Weeks
3	Every x Months
4	Every x Years

CSAPR S&P Conduit Issuer Rating

Provides quality rating information about the conduit issuer

CSCD Call Schedule

CSCD is a record item which returns the following fields

Field Description	Description	Code table notes
Call Date	The date on which an issuer has the right to redeem the debt before its maturity at the Call Price.	Not applicable
Call Price	The price, corresponding to the Call Date, at which a callable, fixed income security may be redeemed.	Not applicable

CSPREAD Benchmark Spread

The spread, in basis points, that is added to or subtracted from the benchmark in order to calculate the reset rate on a floating rate bond.

CSIZE Contract Size

Indicates the quantity of a commodity represented by one futures contract.

CTIMPtxt Call Timing: In-Part

The Call Timing In-Part indicates the frequency at which the issue is callable in part according to its call schedule.

Code	Description
0	At any time
1	On payment dates only
13	On certain dates only
19	Monthly
98	On record dates
99	On interest reset dates
Z	Other

CTIMtxt Call Timing

The Call Timing identifies the times in the year when an optional call may be exercised by the issuer.

Code	Description
	Not applicable/available
A	1st June or 1st December
B	In May or November
C	In April or October
D	15th May or 15th November
E	1st Mar or 1st Sep
F	1st Feb, May, Aug or Nov
G	15th day of any month
H	16th day of any month

J	5th day of Mar, Jun, Sep or Dec
K	2nd May or 2nd November
L	7th Mar, Jun, Sep, or Dec
M	Every 5 years
N	Every 10 years
P	Issue date anniversary
Q	Every 3 years
R	The last day of any month
S	31 March or 30 September
T	Between 7 April and 6 July
U	1st July
V	In February or August
W	In March or September
Y	Interest option date
Z	Other
0	At any time
1	Payment dates only
10	14th March
11	5th or 11th coupon date
12	18 August 1993
13	Certain dates only
14	In Mar 1997 or any coupon date from Mar 2002
15	Quarterly
16	Last business day of May and November
17	On one coupon date in 1998 or any coupon date from 2003
18	Every fifteen years
19	Monthly
2	Redemption date anniversary
20	Semi-annually
21	Annually
3	1st May or 1st November
4	1st day of any month
5	1st November
6	1st September
7	1st April
8	1st Mar, Jun, Sep or Dec
9	1st Feb or 1st Aug
98	On record dates
99	Callable on interest reset dates only

CTRItxt Country of Issuer Incorporation

The Country of Incorporation is the ISO code identifying the country in which the entity was incorporated. For non-U.S./non-Canadian bonds, it is the country of incorporation or registration.
See Appendix A: Country Codes

CTRRtxt Country of Issue Registration

The Country of Issue Registration is the ISO code identifying the country in which the issue was registered for issuance, as stated in the prospectus.
See Appendix A: Country Codes

CTYPtxt Tranche Type

The CTYP (Tranche Type), CTYP2 (Tranche Type 2), CTYP3 (Tranche Type 3), and CTYP4 (Tranche Type 4) indicate the type of CMO or ABS tranche

Code	Description
0	Coupon bond
00	Coupon bond
01	Z-bond
02	PAC bond (Planned Amortization Class)
03	Floating rate bond
04	PAC-floater
05	Coupon bond with redemption schedule
06	Floating rate bond with redemption schedule
07	Z-PAC bond
08	Jump-Z bond
09	TAC-bond (Targeted Accumulation Bond)
1	Z-bond
10	TAC floater
11	CAB bond (Capital Accumulation Bond)
12	ARB bond (Ascending Rate Bond)
13	Scheduled Cash Flow
14	PAC-CAB (combination of PAC and CAB bond)
15	Interest Only with PAC Schedule
16	Sequential
17	Companion/Support
18	Interest Only with Floating Rate
19	Principal Only (PO)
2	PAC bond (Planned Amortization Class)
20	Interest Only (IO)
21	Inverse Floater
22	Interest Only (IO)/Inverse Floater
23	Accretion Directed/Short Stated Maturity/VADM
24	Descending Rate Bond
25	Variable (based on weighted average coupon or an index)

26	Random Redemption/Pro-Rata/Retail/Lottery
27	Partial Z
28	Component (parts cannot be split)
29	Non-Accelerating Senior 5 Year Lockout Whole Loans
3	Floating rate bond
30	Callable (investors' option, not clean up)
31	Senior Priority
32	Junior Priority
33	Senior Subordinate
34	Junior Subordinate
35	Mezzanine
36	IOette
37	Index Allocation
38	Commercial Mortgages
39	Corporate Pass-Throughs
4	PAC-floater
40	Foreign Deal with US$ Tranche, Residential Mortgages
41	Foreign Deal with US$ Tranche, Assets
42	Non-Paying Residual
43	Residual with Coupon and/or Residual Balance
44	Residual with Excess Payments
45	Principal Only with PAC Schedule
46	Strips
47	Structured Collateral
48	Agency Pass-Through
49	Guaranteed Maturity Class
5	Coupon bond with redemption schedule
50	Available Funds Class
51	Shifting Payment Percentage
52	Floating Toggle
53	Inverse Floating Toggle
54	Auction Rate Note
55	Delayed Draw
56	Modifiable/Combinable
57	Municipal bond with factors
58	Prepayment Penalty Excess
59	TALF-Term Asset Backed Securities Loan Facility
6	Floating rate bond with redemption schedule
7	Z-PAC bond
8	Jump-Z bond
9	TAC-bond (Targeted Accumulation Bond)

CTYP2txt Tranche Type 2

See CTYPtxt

CTYP3txt Tranche Type 3

See CTYPtxt

CTYP4txt Tranche Type 4

See CTYPtxt

CUMDEND Cumulative Dividend Ending Date

Date on which a dividend cumulation privilege, if stipulated in the prospectus, ends.

CUMDIVtxt Cumulative Dividend Indicator

The Cumulative Dividend Indicator identifies whether dividends that are not declared will be cumulated as obligations of the issuer.

Note: For fixed rate capital securities (e.g., hybrid/synthetic preferreds, retail bonds identified by equity CUSIP numbers) where TYP2 (Collateral for Issue) is "4" (debt or debt-backed), the distribution *may* be in the form of interest or dividends.

Code	Description
A	Non cumulative
B	Cumulative
C	Cumulative; if the issuer earns a specified amount and
D	Cumulative with compound interest at the cash dividend
Z	Other situation

CUMDPER Cumulative Dividend Period

The number of years of missed dividend payments that can be cumulated, if such a limit is stipulated in the prospectus.

CURVEREC Curve Record

An end-of-day record which returns the curve record with all the relevant data points related to a curve. This item allows for historical requests of end-of-day curve records. Use the curve identifier with or without the tenor prefixes with "CV:". If you specify a tenor, then only the row for that tenor will be returned. Not specifying a tenor will return rows for all the applicable tenors for evaluation curves.

CSCD is a record item which returns the following fields

Field Description	Description	Code table notes
Date	Date the record updated	Not applicable
Tenor Date	End date of the tenor	Not applicable
Tenor	Time to maturity	Not applicable
Zero Rate	The rate with no interest paid. Not applicable to municipal curves.	Not applicable
Par Yield	The coupon rate for which the price of a bond is equal to its nominal/par value. Not applicable to municipal curves.	Not applicable

Constituent Yield	The rate or yield of the constituent for a specific tenor/maturity.	Not applicable
Discount Factor	The number multiplied by a cash flow value to discount it to the present. Not applicable to municipal curves.	Not applicable
Forward Rate	The interest rate applicable to a financial transaction that will take place in the future. Not applicable to municipal curves.	Not applicable

CUSP CUSIP Number

The CUSIP or Key Identifier is either the current CUSIP or CINS (CUSIP International Numbering System), identifier assigned to a security by the CUSIP Service Bureau of Standard & Poor's Corporation, according to a set of standard classification conventions established by the **C**ommittee on **U**niform **S**ecurity **I**dentification **P**rocedures (CUSIP) of the American Bankers Association or the Interactive Data-assigned key identifier for the security.

Note: this item does not return the 9th character which is the check digit. Please use ID9 if you need the check digit.

CVDT Conversion Date

The conversion date for a U.S. municipal bond stepped-coupon issue period.

CVEDT Conversion Provision Expiration Date

The date on which the holder's privilege to convert into one or more investments expires, if one was stipulated in the prospectus. After this date, the issue can no longer be converted.

CVOTItxt Contingent Voting Rights Indicator

Code	Description
A	Issue does not possess contingent voting rights
B	Issue possesses contingent voting rights equal to common holders
C	Issue possesses contingent voting rights as a class
Z	Other situation

CVRT Conversion Rate

The conversion rate for a U.S. municipal bond stepped-coupon issue.

CVSDT Conversion Provision Starting Date

The date on which the holder's privilege to convert into one or more investments becomes effective. The prospectus may stipulate options operative over various periods within the provision, and may further stipulate that each of these options may contain multiple features.

CVTEXT Conversion Text Record

An open field describing conversion terms supplemental or too complex to be fielded into available conversion feature schedule items. This text is normally an abbreviation of complex terms and may not fully describe details such as conversion price under various current market price scenarios.

CVXCDCHKtxt Conversion/Exercise Data Record with Check Digit

CVXCDCHKtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Type	Identifies the conversion or exercise conditions for a security	See code table below
2. Identifier	identifier for the conversion/ exercise security.	Not applicable
3. ID Type	Indicates the type of Conversion/Exercise Security ID	See code table below
4. Currency	ISO code identifying the currency of the security resulting from a conversion or exercise.	See Appendix D: Currency codes
5. Exchange Rate	The exchange rate applicable if a fixed exchange rate applies to the conversion or exercise of the bond into an equity of a different currency.	Not applicable
6. Conv. Rate	Number of shares into which an issue may be converted/ exercised, or the rate of conversion/exercise expressed as a percentage of nominal value or as an actual amount, depending on the Conversion/Exercise Rate Marker.	Not applicable
7. Price	Price per share, cash value, or cash amount associated with the conversion or exercise option.	Not applicable
8. N.A. End Date Intl. Start Date	The date on which either the conversion or exercise of an option expires (U.S./Canadian convertible securities) or the conversion or exercise will take place (non-U.S./non-Canadian convertible bonds).	Not applicable
9. Conv. Marker	Shows how the Conversion/Exercise Rate is represented	See code table below
10. Price Marker	Indicates how the Conversion/Exercise Price is represented	See code table below

Type

Code	Description
A	Convertible or exercisable to cash. The amount is provided.
CN	Convertible or exercisable to more than one security at a set number of shares for each underlying security. Expiration dates, ratios and security ids are provided.
CP	Convertible or exercisable to more than one security at a set price for each security. Expiration dates, prices and security ids are provided.
D	Convertible or exercisable to a debenture. The price is the cash value of the debenture. Cash value and security id of debenture are provided.
N	Convertible or exercisable to a number of shares at a set price per share. The ratio and security id of underlying security are provided.
NP	Convertible or exercisable to a number of shares at a set price per share. The ratio, conversion price and security id of underlying security are provided.
P	Convertible or exercisable to a security at a set price per share. Conversion price and security id of the underlying security are provided.

ID Type

Code	Description
C	CUSIP number
I	ISIN number
M	Cash
S	SEDOL/IDII code
V	Valoren number
Z	Other

Conv. Marker

Code	Description
A	Actual
P	Percentage
T	Actual amount (ratio)shown in thousands
Z	Other situation

Price Marker

Code	Description
C	Cash amount in ones
D	Cash amount in thousands
E	Cash amount in millions
F	Total face value of the security to be received in ones
G	Total face value of the security to be received in thousands
H	Total face value of the security to be received in millions
P	Price per share in ones
Q	Price per share in thousands

CVXCDtxt Conversion/Exercise Data Record

CVXCDtxt is a record item which has the same fields as CVXCDCHKtxt.

CWAC Current Weighted Average Coupon

The weighted average of the rates of the mortgages underlying the pool, updated monthly to reflect changes as the mortgages pay off.

CWAM Current Weighted Average Maturity

The weighted average of the underlying mortgages' months to maturity, updated monthly to reflect changes as the mortgages pay off.

DADD Date Added to a Database

The date the security was added to one of many databases.

DDAT Accrual Begin Date

The date from which interest or dividends begin to accrue, or principal begins to accrete. For stepped bonds beginning at zero coupon, this item is the accretion begin date.

DEALSIZE Deal Size

Represents the total face value in currency of the entire deal. It includes all tranches combined at issuance.

DEFDATE Default Date

Available for municipal securities, is the date of a monetary or technical default.

DEFEASEDtxt Calls Defeased Flag

The Call Defeased Flag, available for municipal bonds, indicates whether the call schedule has been rendered void and all rights to call have been defeased (**Y**). Defeasance usually occurs after the bond has been pre-refunded or escrowed to maturity. Occasionally, the advance refunding documents do not address this issue (**D**).

Code	Description
Y	Calls are defeased, call schedule is void
N	Calls are not defeased, call schedule is active
D	No opinion expressed by bond counsel or indenture agreement

DEFEVENTtxt Default Event

The Default Event, available for municipal securities, describes the reason for the default.

Code	Description
BL	Bankrupt Lessor/Operator
FR	Failure to replenish LOC or Reserve Fund
GF	Monetary Failure of Guarantor
ND	Notice of Defeasance
UD	Unscheduled Draw on Credit Enhancement or Reserve Fund
UK	Unknown
XC	Violation of Covenants
XI	Missed Interest Payment
XP	Missed Principal Payment
XT	Missed Tender or Put Payment

DEFIND Default Indicator

Specifies whether the security is in default or not

DEFSTATtxt Default Status

The Default Status, available for municipal securities, describes the current status of the defaulted issue.

Code	Description
BR	In Bankruptcy Proceedings
DS	Default Status Update
FA	Forbearance Agreement
FC	In Foreclosure
LQ	In Liquidation

NG	Under Negotiation
PD	Partial Distribution
PI	Workout Plan Implemented
PS	Workout Plan Submitted
PT	Project Terminated
RD	Rescheduling Debt Payments
RO	In Reorganization
SR	Settlement Reached
UN	Status Unknown

DEFTYPEtxt Default Type

The Default Type, available for municipal securities, indicates whether the default by an issuer is actual/monetary or technical. Actual/monetary default occurs when the issuer misses an interest or principal payment. Technical default is the result of a violation by the issuer of the terms of the bond indenture.

Code	Description
A	Actual/monetary default
T	Technical default

DELAY Days Delay in Payment

The number of days subsequent to the end of the accrual period that the payment to the pass-through holder is delayed. This number is derived by subtracting the day following the accrual end period from the day of the month that payment is made, irrespective of nonbusiness day treatment. The actual day that the payment is made is not counted as a delay day since payment is received by the holder on that day.

DENM Minimum Denomination: Incremental

Represents the minimum increment which can be subscribed to over and above the **Minimum Purchase: Primary**

DENMT Tail Denomination

Populated for municipal bonds, represents the remaining or incremental amount not fitting within the **Minimum Purchase: Primary** or **Minimum Denomination: Incremental** fields.

DEPOStxt Depositary Indicator

The Depositary Indicator, available for U.S./Canadian preferred securities and equities, and non-U.S./non-Canadian equities, defines the type of depositary issue. For U.S./Canadian securities, this item is **only** populated for ADR preferreds. For non-U.S./non-Canadian equities, note that codes “B” and “C’” do not apply. For depositary receipts for which a corresponding SEDOL or IDII has not been issued, a blank (not available) will be returned.

Code	Description
A	American Depositary Receipt (ADR)
B	Depositary Share
C	Depositary Unit
D	Global Depositary Share
E	American Depositary Share (ADS)

F	European Depositary Receipt (EDR)
G	Global Depositary Receipt (GDR)
H	International Depositary Receipt (IDR)
I	Certificado de Deposito Argentino (CEDAR)
Z	Other situation

DEPTH Depth

For leveraged a.k.a. bank loans the number of contributing dealers.

DES1 Primary Description or Issuer Name

This item is the issuer name of the security, or the organization maintaining the indices or indicators. For MBS the generalized pool description, including the agency and the pool type.

DES2 Secondary Description or Issue Name

Secondary issue name consisting of additional descriptive information about the particular issue, index, or indicator, such as coupon rate and maturity date for bonds, series and dividend rate for preferred series, and expiration date for warrants, rights, and options.

DFBD Factor Adjusted Price without Accrued Interest

The daily evaluated price, without accrued interest, multiplied by the factor.

DISFCT Discount Factor

The present value of one currency unit to be received on a given future tenor date discounted by the relevant curve interest rates. Applies only to evaluation curves

DISFCTADAT Discount Factor Date

Date of DISFCT. Applies only to evaluation curves

DIVRtxt Dividend Record

Returns the split or dividend record for a specified ex-dividend date.

DIVRtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Identifier	CUSIP, IDCCUSIP, or CINS	Not applicable
2. Pay Type	Describes the nature or type of dividend	See code table below
3. Div. Amount	Cash amount paid proportionally to stockholders, or an optional dividend, or security profits. The dividend amount/rate can also be the ratio of a stock split or stock dividend. For cash dividends the value is in dollars and cents; for stock dividends, a "factor" is returned (e.g., a 10 percent stock dividend returns a value of 1.10); for splits a "factor" is returned (e.g., a 2-for-1 split returns a value of 2.00, and a 1-for-2 reverse split returns .50).	Not applicable

4. Record Date	A dividend or split shares are payable to holders of a stock on a declared record date, known as the holder-of-record date.	Not applicable
5. Pay Date	The date on which a dividend is to be paid to stockholders.	Not applicable

Pay Type

Code	Description
0	No special code applies
000	No special code applies
001	Less Canadian taxes presently undetermined (revision later)
002	Less foreign taxes other than Canadian
003	Includes extra, special, participating dividends, arrears, and liquidations
004	Optional dividends
005	U.S. withholding income tax not required from non-residents
006	Initial cash dividends payable on increased shares after stock dividend or splits
007	Includes security profits and capital gains
008	Dividend rate presently unknown (revision later)
009	Foreign currency other than Canadian
010	Stock dividends
011	Stock splits
012	Issues called
013	Stock rights
015	Canadian funds subject to 15% non-resident tax
016	Canadian funds subject to 10% non-resident tax
017	U.S. funds subject to 15% Canadian non-resident tax
018	U.S. funds subject to 10% Canadian non-resident tax
019	Approximate dividend rate
020	Stock dividend in stock of another issue or company
021	Stock dividend on increased shares
022	Stock split on increased shares
023	Initial Canadian dividend on increased shares after stock dividend or split less 15% tax
024	Initial Canadian dividend on increased shares after stock dividend or split less 10% tax
030	Payment omitted
032	Reverse split
050	Special principal UIT
1	Less Canadian taxes presently undetermined (revision later)
10	Stock dividends
11	Stock splits
12	Issues called
13	Stock rights
15	Canadian funds subject to 15% non-resident tax

16	Canadian funds subject to 10% non-resident tax
17	U.S. funds subject to 15% Canadian non-resident tax
18	U.S. funds subject to 10% Canadian non-resident tax
19	Approximate dividend rate
2	Less foreign taxes other than Canadian
20	Stock dividend in stock of another issue or company
21	Stock dividend on increased shares
22	Stock split on increased shares
23	Initial Canadian dividend on increased shares after stock dividend or split less 15% tax
24	Initial Canadian dividend on increased shares after stock dividend or split less 10% tax
25	Stock dividend in more than two issues
3	Includes extra, special, participating dividends, arrears, and liquidations
30	Payment omitted
32	Reverse split
4	Optional dividends
40	Principal dividend - UIT
5	U.S. withholding income tax not required from non-residents
50	Special principal UIT
51	Special interest - UIT
6	Initial cash dividends payable on increased shares after stock dividend or splits
7	Includes security profits and capital gains
8	Dividend rate presently unknown (revision later)
9	Foreign currency other than Canadian

DIVTtxt Dividend Type

The Dividend Type identifies the method by which dividends are paid over the life of a U.S./Canadian preferred securities.

Code	Description
A	Fixed dividend payment over life; stated in the prospectus as an annual cash payment
B	Fixed dividend payment over life; stated in the prospectus as an annual dividend percentage rate
C	Adjustable rate; rate adjusted or reset over life
D	Auction; rate determined by auction bids
E	Remarketed; rate determined by remarketing agent
F	Stepped; the initial and all future rates are stated in the prospectus
G	Fixed to adjustable; rate is fixed for an initial period, after which it becomes adjustable
H	Adjustable to fixed; rate is adjustable for a period, after which it becomes fixed
I	Floating rate; rate floats off of a short-term index
Z	Other situation

DLVU Deliverable Unit

Available for North American and Non-North American options), is the number of shares of the underlying stock received upon exercise of one option contract, normally 100 shares.

DOLE Date of Last or Latest Estimated Accrual Rate

Available for FNMA ARMs pools, is the date of the last Estimated Accrual Rate

DOLF Date of Last or Latest Factor

The date of the last or latest pool factor.

DPRF First Day of Price/Evaluation

The date on which prices are first provided.

DPRL Last Day of Prices/Evaluation (N/A If Still Reporting)

The date on which a security stopped pricing. This date immediately follows the date for which the final pricing information is available. A security or company may stop reporting prices for a variety of reasons, including mergers, delistings, and maturity of a bond issue. If the security is still reporting prices, this item is "not available"

DPSD Diluted Latest 12-Month EPS Date

Date of DPSY

DPSY Diluted Latest 12-Month EPS

Diluted earnings per share are calculated using the applicable common shares and the possible dilution of these earnings by outstanding options, warrants and convertible securities.

DRNKtxt Debt Ranking

The Debt Ranking indicates the seniority of the debt in relation to the borrower's other obligations.

Code	Description
	Unknown
A	First Mortgage
B	Junior
C	Junior Subordinated
D	Second Mortgage
E	Senior
F	Senior Subordinated
G	Subordinated
H	Third Mortgage
I	Mezzanine
J	Unsubordinated
K	Senior Secured
L	Tier I
M	Lower Tier II
N	Upper Tier II

O	Tier III
7	Alternative Tier I
8	Senior - Non Preferred

DTCEtxt DTC Eligibility

The DTC Eligibility at Issuance Code indicates whether, as of initial issuance of the security, an issue is eligible for settlement through The Depository Trust Corporation (DTC).

Code	Description
F	Eligibility is frozen and only withdrawal activity is allowed
Y	DTC-eligible
N	Non-DTC-eligible

DTCSTAT DTCC Security Eligibility Status Code

Available for municipal securities, identifies the DTC eligibility status of a security as provided by the DTCC New Issue Information Dissemination Service (NIIDS).

DUR Macaulay Duration

Macauley duration expressed in years. Duration measures the weighted average amount of time until cash flow payments are received. The weights are the present cash flows themselves.

DVAL Number of ADR/GDR Certificates in Deposit Agreement

Available for depositary receipts such as ADRs and GDRs, is the number of depositary receipts represented in the deposit agreement.

DY Latest Dividend Yield

The indicated annual dividend * 100/unadjusted trade/close

E13FTXT 13(f) Eligibility

Indicates if the security is 13(f) eligible.

Code	Description
Y	13(f) Eligible
N	Not 13(f) Eligible

EDAT Announcement Date

The date that the stock split, dividend, or interest payment record was entered in the database.
Note: For non- U.S./non-Canadian fixed income securities, the date is returned for floating rate notes (FRNs) only.

EFD1 NYSE/AMEX or Non-Dual Regional Effective Date

The effective date of a U.S./Canadian equity security's NYSE, NYSE MKT, or U.S. Regional Exchange Code and corresponding NYSE, NYSE MKT, or U.S. Regional Ticker.

EFD2 NASDAQ Effective Date

The effective date of a U.S./Canadian equity security's NASDAQ or Over-the-Counter Exchange Code and corresponding NASDAQ or Over-the-Counter Ticker.

EFFCOUP Effective Coupon

The interest rate used to calculate the Interest Paid per 1000 of Face for payment on the Interest **Payment Date**.

EFFMDAT Effective Maturity Date

A date field current actual maturity date associated with the security. Where maturity dates vary from the original terms of the instrument, the Original Maturity Date plus any maturity extension from the effective maturity schedule is calculated.

EHI Primary Exchange High Price

Highest exchange price for U.S. listed equities and U.S. listed bonds.

ELOW Primary Exchange Low Price

Lowest exchange price for U.S. listed equities and U.S. listed bonds.

EMDAT Expected Maturity Date

Is the expected maturity date stated in the prospectus. Tranches are expected to pay down to zero before this date because of prepayments and/or deal structure. **Note**: This item is returned on a limited basis.

EMWI Extraordinary Make Whole Call Indicator

Indicates whether the bond includes an extraordinary make whole call provision (“Y”) or does not include the provision (“N”). For example, certain Build America Bonds include an extraordinary make whole call provision in the event the federal government stops paying the interest subsidy to the issuer.

ENHANCO Other Enhancement Company

Available for municipal securities, indicates the government agency or private institution providing additional security in the form described in **Other Enhancement Type.**

ENHANTYPtxt Other Enhancement Type

The Other Enhancement Type, available for municipal securities, describes the nature of any additional enhancement to a municipal bond, other than the BONDINS (Bond Insurance). This item should be used in conjunction with ENHANCO (Other Enhancement Company).

Code	Description
A	Certificate of Deposit - FDIC and FSLIC
AD	ADED Guaranteed
B	Banker's Acceptance
C	Collateral Purchase Agreement
CJ	California HSG Loan Insurance FD
D	Qualified Municipal Bonds
DJ	By AGMC Form FSA
E	Guaranteed - National Rural Utilities Co-op Finance Corp
F	State Pool Investment Guaranteed
FO	Fannie Mae
G	Reinsurance

H	Parent CUSIP Insured
K	State School Aid Intercept Program
L	Loans to Lenders Agreement
M	Minnesota School District Credit Enhancement Program
ON	Aegon with AMBAC Guarantee
P	Texas Permanent School Fund Program
PP	Parent CUSIP Guaranteed
Q	Parent CUSIP enhanced by Letter of Credit
QD	By Multiple Insurers
R	Parent CUSIP Partially Refunded
S	Special Obligation of Issuer, Principal/Interest Paid by U.S. Govt. Securities in escrow
SL	Guaranteed Student Loans
T	Principal/Interest Paid by Obligation of Intl. Bank
U	Utah School Bond Guaranty Program
UW	By Assured Guaranty Municipal Corp
UX	By Secured Market Assured Guaranty Municipal Corp Form FSA
V	Prepaid Gas Contract
W	Prepaid Electric Contract
X	Tobacco Settlement
Y	Mississippi State Aid Capital Improvement Bond Program
Z	Collateralized
ZC	Zurich
ZD	By CIFG
ZK	By Secondary Market AGMC Form FSA
0	St. Sch Ins/AID Fund
1	GIC
1A	Arkansas School District Enhancement Program
1B	California Infrastructure Bk School Aid Intercept Program
1C	Colorado School District Enhancement Program
1D	Colorado Higher Education Enhancement Program
1E	Georgia School District Intercept Program
1F	Idaho School Bond Guaranty Program
1G	Indiana School District Enhancement Program
1H	Kentucky Public University Intercept Program
1I	Kentucky School District Enhancement Program
1J	Massachusetts Qualified Bond Program
1K	Maryland Infrastructure Financing Intercept Program
1L	Michigan School Bond Qualified & Loan Program
1M	Minnesota Credit Enhancement Program
1N	Missouri Direct Deposit Agreement Intercept Program
1O	North Dakota Dept Of Pub Instr School District Credit Enhancement

1P	New Jersey School Bond Reserve Act
1Q	New Jersey Municipal Qualified Bond Program
1R	New Mexico School District Enhancement Program
1S	Nevada School District Bond Guarantee Program
1T	Dasny Omrdd Intercept Program
1U	Dasny Master Boces Program
1V	Dasny Court Facilities Program
1W	Dasny Municipal Health Facilities Program
1X	Dasny School District Revenue Bond Financing Program
1Y	New York State Section 99 B Intercept Program
1Z	Ohio School District Credit Enhancement Program
2	State Guaranteed
2A	Ohio Technical And Community College Program
2B	Oregon Pension Obligation State Intercept Program
2C	Pennsylvania St Pub School Building Authority Lease Intercept
2D	Pennsylvania School District Fiscal Agent Agreement Intercept
2E	Pennsylvania Act 150 School District Intercept Program
2F	Rhode Island Health And Education Building Corp Intercept
2G	Rhode Island Hebc 6 Month Intercept Program
2H	South Carolina School District Credit Enhancement Program
2I	Tennessee State School Board Authority Higher Ed Intercept
2J	Tennessee State School Bond Authority Intercept Program
2K	Texas Higher Education Bond Program
2L	Virginia Localities Intercept Program
2M	West Virginia Municipal Bond Commission Program
2N	Wyoming School District Bond Guarantee Program
2O	Michigan State School Bond Loan Fund Program
2P	Oregon School Bond Guarantee Program
2Q	Washington School Bond Guaranty Program
2R	New Jersey County College Enhancement Bond Program
2S	Arkansas School district ENH Program (Pre-Default)
2T	Idaho Sales Tax Guaranty Program
2U	State of Oklahoma Credit enh reserve fd Guarantee
2V	Vermont State Aid Intercept Program
2W	South Dakota st aid Intercept Prog
2X	Idaho Public Charter Schools Facilities Program
3	St Qualified School Aid
3A	New Jersey sch dist Enhancement Prog Chapter 72
3B	New Jersey Qualified School Bond Program
3E	New Jersey sch dist Enhancement prog - Chapter 74
3F	Oklahoma sch dist Bond Guarantee Program

3G	South Dakota sch dist Capital Outlay Lease Program
3H	California Motor Vehicle License fee prog
3J	California st Teachers Retirement sys
3K	Ohio Market Access Program
3L	Arizona Public School Credit Enhancement Program
3M	Michigan cntys Distributable st aid Intercept Prog
3N	City of Detroit Distributable st aid Intercept pg
3U	Utah Charter School Credit Enhancement Program
3V	California ST Intercept Program
3W	New Hampshire ST Intercept Program
3X	Rhode Island ST Intercept Program
4	Certificate of Deposit - FDIC
5	Certificate of Deposit - FSLIC
6	Guaranteed By
7	City or County guaranteed
78	Standard Oil Co. of California
8	Guaranteed by the U.S. Government
9	Loan Purchase Agreement

EOPN Primary Exchange Opening Price

Open exchange price for U.S. listed equities and U.S. listed bonds

EPRC Primary Exchange Trade Price

The exchange listed trade/close.

EPRCADAT Primary Exchange Trade Price Amendment Date

Date of the price returned by EPRC

EPRCCOQtxt Primary Exchange Trade Price Country of Quotation

Country of Quotation of the price returned by EPRC
See Appendix A: Country Codes

EPRCCURR Primary Exchange Trade Price Currency

Currency description like United States Dollar of the price returned by EPRC

EPRCEUR Primary Exchange Trade Price in EUR

The price returned by EPRC converted to Euros using the London close spot mid-rate for the date of the trade/close.

EPRCEXCHtxt Primary Exchange Trade Price Exchange

The exchange or source of the price returned by EPRC
See Appendix B: Universal Pricing Exchange codes

EPRCGBP Primary Exchange Trade Price in GBP

The price returned by EPRC converted to British Pounds using the London close spot mid-rate for the date of the trade/close.

EPRCISO Primary Exchange Trade Price Currency Code

ISO Currency code of the price returned by EPRC

EPRCUSD Primary Exchange Trade Price in USD

The price returned by EPRC converted to US Dollar using the London close spot mid-rate for the date of the trade/close.

EPSDLT Earnings per Share: Fully Diluted - Latest 12-Month

Represents the per share allocation of income attributable to common stockholders based on the weighted average number of common shares actually outstanding plus all dilutive potential common shares outstanding during the period. Such potential common shares include options (both call and put) and warrants and convertible debt and convertible preferred stock.

Note: Interactive Data calculates this value by applying the following formula: (Cumulative earning per share (diluted) per the company's most recent quarterly filing – Cumulative earning per share (diluted) for the corresponding period in the prior year per the company's quarterly filing) + Earning per share (diluted) reported by the company for its last completed fiscal year, as reported on the company's most recent annual report.

EPSDLTCtxt Earnings per Share: Fully Diluted - Latest 12-Month Currency

Currency of EPSDLT (Earnings per Share: Fully Diluted - Latest 12-Month)
See Appendix D: Currency codes

EPSLTCtxt Earnings per Share - Latest 12-Month ISO Currency

Currency of EPSLT (Earnings per Share - Latest 12-Month)
See Appendix D: Currency codes

EPSDLTD Earnings per Share: Fully Diluted - Latest 12-Month Date

Date of EPSDLT

EPSY Latest 12-Month EPS

Available for common stocks and some indices, is the per-share (as reported by the company) dollar amount earned or lost. The data are reported for the latest twelve months. When the company reports several versions of EPS, the EPSY value is derived from primary earnings from continuing operations. If the Earnings Per Share Date (item EPYD) is a valid date, but EPSY is a zero, the earnings have been reported as zero. The adjustment for capitalization changes (e.g., stock splits) is made as of the close on the ex-dividend date.

EPYD Latest 12-Month EPS Date

Date of EPSY

ESCREND Escrowed End Date

Available for municipal securities, is the date on which a municipal bond's escrow period concludes, where the bond is not escrowed to maturity.

ESCRTYPtxt Escrow Type

The Escrow Type, available for municipal securities, identifies the type of securities invested in the escrow fund.

Code	Description

A	Secured in U.S. government securities
B	Slugs
C	Bank CD
D	FICO obligations
E	REFCORP/FICO obligations
F	FNMA securities
G	GNMA securities
H	Slugs/open market treasuries
J	GIC
K	Cash
L	FHLB
M	FHLMC
O	Other escrow
R	REFCORP obligations
S	US Agency for Intl Dev - State of Israel Bonds
U	U.S. treasury securities
V	Various obligations

ESTA Estimated Accrual Rate

Available for FNMA ARMs pools, is the rate at which interest is expected to accrue during the current month. DOLE (Date of Last Estimated Accrual Rate) provides the date corresponding to this value.

EUMOtxt Moody's Long Endorsement Indicator

EUMO contains a value that represents the endorsement rating.

Code	Description
1	Rating is neither EU rated nor EU endorsed rating
2	Rating is EU endorsed
3	Rating is EU rated

EURON Euronext Code

Available for non-U.S./non-Canadian securities, is the twelve-character alphanumeric identifier known as the Euronext code.

EXC1txt NYSE/AMEX or Non-Dual Regional Exchange

The NYSE, NYSE MKT, or U.S. Regional Exchange Code is the most recent assigned exchange code for a U.S./Canadian equity security.
See Appendix F: Exchange codes

EXC2txt NASDAQ Exchange

The NASDAQ or Over-the-Counter Exchange Code is the most recently assigned exchange code for a U.S./Canadian equity security that has a ticker assigned or adopted by the NASDAQ Stock Market, LLC, or over-the-counter
See Appendix F: Exchange codes

EXC3txt Canadian Exchange

The Canadian Exchange Code is the most recent assigned exchange code for a Canadian-listed equity security on the Canadian exchange on which it trades.
See Appendix F: Exchange codes

EXCHMICtxt Exchange MIC

Identifies the MIC code of the exchange on which the security is quoted. Please refer to the ISO website for the list of MIC codes
https://www.iso20022.org/10383/iso-10383-market-identifier-codes

EXCHtxt Exchange

Identifies the exchange on which the security is quoted.
See Appendix F: Exchange codes

EXDT Expiration Date/Last Trading Day

The expiration date for options.

EXPR Exercise (Strike) Price

The exercise (strike) price of an option. EXPR is adjusted on the ex-date for stock splits and stock dividends on the underlying security. For example, if the exercise price of the option is $90 and the underlying security splits 3 for 2, the exercise price is adjusted to $60.

EXTK Exchange Ticker Translation

Exchange ticker symbol assigned by the individual primary exchanges to each issuer listing securities on a given exchange. The exchange ticker symbol is unique for issuers within a given exchange, but may be duplicated for different issuers on other exchanges.

EXTREDtxt Extraordinary Redemption Flag

The Extraordinary Redemption Flag, available for municipal securities, is set to (**Y**) when the issuer may redeem bonds upon certain events, such as a natural destruction of the facility or an act of government such as eminent domain.

Code	Description
y	Issuer is required to redeem the bonds upon certain call events

F12MADAT 12 Month Forward Rate - Date

Date of 12 month forward rate

F12MASK 12 Month Forward Rate - Ask

The ask 12 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F12MBID 12 Month Forward Rate - Bid

The bid 12 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F12MMID 12 Month Forward Rate - Mid

The mid 12 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F1MADAT 1 Month Forward Rate - Date

Date of 1 month forward rate

F1MASK **1 Month Forward Rate - Ask**
The ask 1 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F1MBID **1 Month Forward Rate - Bid**
The bid 1 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F1MMID **1 Month Forward Rate - Mid**
The mid 1 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F1WADAT **1 Week Forward Rate -Date**
Date of 1 week forward rate

F1WASK **1 Week Forward Rate - Ask**
The ask 1 Week Forward Rate from WM/Reuters. Use with the CUR: prefix

F1WBID **1 Week Forward Rate - Bid**
The bid 1 Week Forward Rate from WM/Reuters. Use with the CUR: prefix

F1WMID **1 Week Forward Rate - Mid**
The mid 1 Week Forward Rate from WM/Reuters. Use with the CUR: prefix

F24MADAT **24 Month Forward Rate - Date**
Date of 24 month forward rate

F24MASK **24 Month Forward Rate - Ask**
The ask 24 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F24MBID **24 Month Forward Rate - Bid**
The bid 24 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F24MMID **24 Month Forward Rate - Mid**
The mid 24 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F2MADAT **2 Month Forward Rate - Date**
Date of 2 month forward rate

F2MASK **2 Month Forward Rate - Ask**
The ask 2 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F2MBID **2 Month Forward Rate - Bid**
The bid 2 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F2MMID **2 Month Forward Rate - Mid**
The mid 2 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F3MADAT **3 Month Forward Rate - Date**
Date of 3 month forward rate

F3MASK **3 Month Forward Rate - Ask**
The ask 3 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F3MBID **3 Month Forward Rate - Bid**
The bid 3 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F3MMID **3 Month Forward Rate - Mid**
The mid 3 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F60MADAT **60 Month Forward Rate - Date**
Date of 60 month forward rate

F60MASK **60 Month Forward Rate - Ask**
The ask 60 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F60MBID **60 Month Forward Rate - Bid**
The bid 60 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F60MMID **60 Month Forward Rate - Mid**
The mid 60 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F6MADAT **6 Month Forward Rate - Date**
Date of 6 month forward rate

F6MASK **6 Month Forward Rate - Ask**
The ask 6 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F6MBID **6 Month Forward Rate - Bid**
The bid 6 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F6MMID **6 Month Forward Rate - Mid**
The mid 6 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F9MADAT **9 Month Forward Rate - Date**
Date of 9 month forward rate

F9MASK **9 Month Forward Rate - Ask**
The ask 9 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F9MBID **9 Month Forward Rate - Bid**
The bid 9 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

F9MMID **9 Month Forward Rate - Mid**
The mid 9 Month Forward Rate from WM/Reuters. Use with the CUR: prefix

FACT **Factor**
The ratio of the outstanding principal to the original principal.

FACTADAT Effective Date of Factor

Date of FACT

FCDT First Coupon Payment Date

The date of the first interest payment for a current interest bond.

FACTCALC Daily Factor Calculation Accuracy

Rounding factor for the daily Compounding Factor

FCPN First Payment Date

The date of the first payment for an interest-bearing security, or dividends for preferred stocks.
Note: This item is **not** adjusted for holidays.

- For U.S./Canadian payment-in-kind (PIK) securities, this item is the first date that the issuer pays in either securities or in cash payments. For U.S./Canadian securities paying interest at maturity, it is the maturity date.
- For corporate and municipal bonds, if the first payment date specified in the prospectus falls on a weekend, this item is adjusted to represent the date on which future payments will be scheduled regardless if the date falls on a non-business day. For municipal bonds when the interest payment is for a period other than the standard interest frequency, please refer to the Odd First Coupon Date.

FCTR Number of Underlying Shares per ADR/GDR Certificate

The underlying shares represented by a single depositary certificate.

FDAPINDTXT U.S. Fixed, Determinable, Annual or Periodic (FDAP) Inc Ind

The U.S. Fixed, Determinable, Annual or Periodic (FDAP) Income Indicator identifies instruments that may produce FDAP income as defined under Treasury Regulations.

Code	Description
1	Instrument may produce U.S. FDAP Income
2	Instrument does not generate U.S. FDAP Income

FDVRtxt Dividend/Interest Record

FDVR returns a record containing the most important details of a capitalization change or dividend for a specified ex-date.

FDVRtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Ex-Div. Date	Date on which the security's opening market price reflects a deduction equal to the amount of the latest dividend or an adjustment for a capitalization change.	Not applicable
2. Pay Date	Date on which a dividend is to be paid or capitalization change distributed to stockholders. The payment date is also the expiration date for rights issues.	Not applicable

3. Record Date	The last date by which holders of a security must be registered to be entitled to the next dividend or split shares. It is also known as the holder's registered date.	Not applicable
4. Rate	Either the dividend rate or the capitalization rate for a security	Not applicable
5. Type	Used to determine the type of capitalization change or dividend.	See Type code table used by FNCRtxt
6. Currency	The currency in which the cash dividend, provided by Dividend Rate/Capitalization Change Rate is reported.	See Appendix D: Currency codes

FIRSTVAR First Variable Reset Date

Available for variable rate CMO/ABS securities and municipal bonds, is the first date after the **Dated Date** on which the interest resets.

FLOATtxt Floating Rate Formula Description

The Floating Rater Formula Description is the formula used to calculate the rate for floating and inverse floating rate bonds

Note: There is no coded value, nor an item FLOAT. FLOATtxt is a free text field.

FLOATTYPtxt Floating Coupon Type

The Type of Floater Coupon identifies any special characteristics of a floating bond.

Code	Description
0	Regular
1	Reverse
2	Catch-up
3	Special
4	Dual index
5	Super
6	ARM pass thru
7	Index allocation
8	Auction rate notes

FLTTtxt Floater Type

The Floater Type indicates the method by which a floating rate note's coupon is reset.

Code	Description
A	Coupon rate set by auction
B	Coupon rate set by remarketing agent
C	Coupon rate set to produce a specified price
D	Coupon rate set by prospectus provided formulas
E	Coupon rate or reset period set by issuer
F	Complex rate determination methodology

FMOF Future Interest per 1000 of Original Face

Future Interest per 1000 of Original Face is the multiple used to calculate the interest payment for the upcoming period. The current interest payment factor and the projected future ending balance are used to project interest for payment in the upcoming payment period.

FNCRtxt Next Capitalization Change Record - Long

FNCR returns a record containing the details of a capitalization change for a specified ex-date.

FNCRtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Identifier	SEDOL or IDII	Not applicable
2. Ex-Div. Date	Date on which the security's opening market price reflects a deduction equal to the amount of the latest dividend or an adjustment for a capitalization change.	Not applicable
3. Pay Date	Date on which a dividend is to be paid or capitalization change distributed to stockholders. The payment date is also the expiration date for rights issues.	Not applicable
4. Record Date	The last date by which holders of a security must be registered to be entitled to the next dividend or split shares. It is also known as the holder's registered date.	Not applicable
5. Entry Date	Date on which the security's opening market price reflects a deduction equal to the amount of the latest dividend or an adjustment for a capitalization change.	Not applicable
6. Rev. Date	Date on which the dividend or capitalization change record was last updated	Not applicable
7. Returns !NA	This item returns !NA	Not applicable
8. # of old shares	See Issue Price	Not applicable
9. # of new shares	See Issue Price	Not applicable
10. Capitalization change rate	The capitalization rate for a security	Not applicable
11. Issue Price	For a rights issue the number of old shares, number of new shares, and issue price are provided. For example, Company A announces a rights issue of 1-for-5 at an issue price that is somewhat lower than the current market price. For a scrip issue, the number of old shares and number of new shares is provided.	Not applicable
12. Type	Used to determine the type of capitalization change	See code table below

Type

Code	Description

	No capitalization change data available
A	Scrip issue in same stock
A1	Interim Payment (optional form available)
A2	Final Payment (optional form available)
A3	Quarterly Payment (optional form available)
A4	Annual Payment (optional form available)
A5	Interim dividend paid in installments carrying optional alternatives. (Obsolete)
A6	Interim dividend paid in installments carrying optional alternatives.
A7	Dividend Option (different securities)
A8	Proceeds of Rights
A9	Yearly dividend paid in installments. (Obsolete)
B	Scrip issue in different stock
B1	Yearly dividend paid in installments carrying optional alternatives. (Obsolete)
B2	Half-Yearly Payment (optional form available)
B3	Revaluation of payment currency
B4	Quarterly dividend paid in installments (Obsolete)
B5	Quarterly dividend paid in installments with optional alternatives. (Obsolete)
B6	Monthly Payment
B7	Half-yearly payment made in installments (Obsolete)
B8	Bonus, Over-Provision of Tax (Conditional)
B9	Scrip Dividend (Cash Option)
C	Rights issue in same stock
C1	Scrip dividend, expressed as a cash equivalent, carrying optional alternatives (Obsolete)
C2	All previous sub-sections rank for adjustment following the payment of a scrip dividend but have not been adjusted by EXTEL (Obsolete)
C3	All previous sub-sections rank for adjustment following the payment of a scrip dividend but have been adjusted by EXTEL (Obsolete)
C4	All previous sub-sections rank for adjustment following a concurrent capital event and a scrip dividend but have not been adjusted by EXTEL (Obsolete)
C5	All previous sub-sections rank for adjustment following a concurrent capital event and a scrip dividend but have been adjusted by EXTEL (Obsolete)
C6	Monthly Payment (Optional Form Available)
C7	Monthly dividend paid in installments (Obsolete)
C8	Monthly dividend paid in installments carrying optional alternatives (Obsolete)
C9	End Payment (Optional Form Available)
D	Rights issue in different stock
D1	Unit Reinvestment Percentage
D2	Cashing-Out Payment
D3	Half-yearly payment, made in installments, optional form available (Obsolete)
D4	Special Payment (optional form available)
D5	Forecast FRN Reset Date
D6	Infrequent Interest Payment
D7	Infrequent Capital Gain Payment

D8	Excess Reportable Income
D9	Scrip (Different securities by the same issuer)
E	Rights issue dependent on conversion terms
F	Subdivision of capital/shares of no par value
G	Consolidation of capital/shares of no par value
H	Write-up of capital
I	Write-off of capital
J	Stock split
K	Section contains only details of call on permanently partly-paid stock
L	Section contains details of renounceable securities issued in situations not covered by markers A-K and M
M	More than one capital change simultaneously; e.g. scrip issue and stock consolidation.
N	Non-renounceable rights issue in same stock
P	Non-renounceable rights issue in different stock
R	The capital change previously reported in Section K and KS does not take place.
S	Issue type announced but ratio and/or issue price not yet known. Setting replaced with appropriate issue type when complete data are available.
T	Issue has occurred on the underlying security. The effects on the underlying shares are shown.
U	Non-renounceable scrip issue.
V	Non-renounceable scrip issue into a different security.
W	Redenomination
X	Renominalization
Y	Priority Offer, same security
Z	Priority Offer, different security
00	Default, No Setting Applicable
01	Interim Payment
02	Final Payment
03	Quarterly Payment
04	Half-Yearly Payment
05	Annual Payment
06	Additional Payment (Participating)
07	Cumulative payments (dates are those of the latest payments cumulated) (Obsolete)
08	Bonus due to over-provision of tax (Obsolete)
09	Anniversary Bonus
1	Intermediate Securities Distribution
10	Bonus Payment
11	Special Payment
12	American 'extra' dividend (Obsolete)
13	Arrears payment
14	First Payment (Debt and Preference)
15	Last Payment (Debt and Preference)
16	Estimate of Liquidation Return

17	Final dividend paid in installments (Obsolete)
18	Interim dividend paid in installments (Obsolete)
19	Net capital gains per share (investment and unit trusts only) (Obsolete)
2	Capital Event Cancelled
20	Payment from Reserves
21	Dividend payable from tax-free reserves; subject to U.K. tax at standard rate (obsolete)
22	Forecast arrears payment
23	Forecast return of capital
24	First Payment (Debt and Preference Shares)
25	Final Payment (Fixed Interest)
26	Forecast of liquidation payment
27	Forecast distribution form share premium account
28	Forecast participating dividend
29	Forecast bonus
30	Forecast capital dividend
31	Fixed Income Forecast
32	Income Forecast
33	Code used for dividend/interest payment forecasting.
34	Company Forecast
35	Forecast Quarterly Payment
36	Code used for dividend/interest payment forecasting.
37	Code used for dividend/interest payment forecasting.
38	Code used for dividend/interest payment forecasting.
39	Code used for dividend/interest payment forecasting.
40	Code used for dividend/interest payment forecasting.
41	Code used for dividend/interest payment forecasting.
42	Code used for dividend/interest payment forecasting.
43	Code used for dividend/interest payment forecasting.
44	Code used for dividend/interest payment forecasting.
45	Code used for dividend/interest payment forecasting.
46	Code used for dividend/interest payment forecasting.
47	Code used for dividend/interest payment forecasting.
48	Code used for dividend/interest payment forecasting.
49	Code used for dividend/interest payment forecasting.
50	Code used for dividend/interest payment forecasting.
51	Code used for dividend/interest payment forecasting.
52	Code used for dividend/interest payment forecasting.
53	Code used for dividend/interest payment forecasting.
54	No Forecast Possible
55	Code used for dividend/interest payment forecasting.
56	Code used for dividend/interest payment forecasting.

57	Code used for dividend/interest payment forecasting.
58	Broken period/new group structure forecast
59	Forecast not related to current capital
60	Code used for dividend/interest payment forecasting.
61	Code used for dividend/interest payment forecasting.
62	Code used for dividend/interest payment forecasting.
63	Code used for dividend/interest payment forecasting.
64	Code used for dividend/interest payment forecasting.
65	Code used for dividend/interest payment forecasting.
66	Code used for dividend/interest payment forecasting.
67	Code used for dividend/interest payment forecasting.
68	Code used for dividend/interest payment forecasting.
69	Litigation settlement summary notice posted, advising shareholders of possible entitlement to compensation.
70	Distribution of capital profits not subject to income tax (Obsolete)
71	Payment from Share Premium Account
72	Return of Issued Capital Payment
73	Liquidation Payment
74	Final Liquidation Payment
75	Special Merger Payment
76	Dividend payable on offer, merger, or other scheme becoming unconditional (not yet declared). If the offer/merger/scheme is not accepted, code is 93.
77	Special Takeover Payment
78	Unit Trust Equalization
79	Not Adjusted
80	Adjusted
81	Company Year Alteration
82	Litigation Payment
83	Broken Period Commencement
84	Scrip Option Cash Element
85	Unit Trust Final Payment
86	Alternative Currency
87	Scrip (Different securities by a different issuer)
88	Scrip Dividend (same security)
89	Scrip issue in addition to the dividend in the immediately preceding subsection. Associated (unadjusted) value is the terms of the scrip issue in percentage form, e.g., 33 1/3% if 1 for 3.
90	Scrip Dividend Option
91	Dividend of which equivalent is given as a scrip issue (stock dividend) (Obsolete)
92	Event / Situation Rescinded
93	Payment Declared But Not Paid
94	Total annual dividend which company would have paid out but for government restriction (obsolete)
95	Broken Payment (Fixed Interest)

96	Partial Waiver of Dividend
97	Forecast Initial Next Period Payment
98	Forecast Total, Next Period Payments
99	Fixed Interest Notional Forecast

FNDRtxt Next Dividend/Interest Record

FNDR returns a record containing the most important details of a dividend or interest payment for a specified ex-date.

FNDRtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Identifier	SEDOL or IDII	Not applicable
2. Ex-Div. Date	Date on which the security's opening market price reflects a deduction equal to the amount of the latest dividend or an adjustment for a capitalization change.	Not applicable
3. Pay Date	Date on which a dividend is to be paid or capitalization change distributed to stockholders. The payment date is also the expiration date for rights issues.	Not applicable
4. Record Date	The last date by which holders of a security must be registered to be entitled to the next dividend or split shares. It is also known as the holder's registered date.	Not applicable
5. Div. entry Date	Date on which the security's opening market price reflects a deduction equal to the amount of the latest dividend or an adjustment for a capitalization change.	Not applicable
6. Div. Rev. Date	Date on which the dividend or capitalization change record was last updated	Not applicable
7. Div. Coup #	The coupon number associated with dividends payable on securities that were issued in bearer form.	Not applicable
8. Div. Rate	Either the dividend rate or the capitalization rate for a security.	Not applicable
9. Div. Currency	The currency in which the cash dividend, provided by Dividend Rate/Capitalization Change Rate is reported.	See Appendix D: Currency codes
10. Div. Type	Used to determine the type of dividend.	See Type code table used by FNCRtxt
11. Reserved For Future	Not applicable	Not applicable

FNXCtxt Next Cash Dividend/Interest Record

FNXC returns a record containing the most important details of a dividend or interest payment for a specified ex-date.

FNXCtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Ex-Div. Date	Date on which the security's opening market price reflects a deduction equal to the amount of the latest dividend or an adjustment for a capitalization change.	Not applicable

2. Pay Date	Date on which a dividend is to be paid or capitalization change distributed to stockholders. The payment date is also the expiration date for rights issues.	Not applicable
3. Record Date	The last date by which holders of a security must be registered to be entitled to the next dividend or split shares. It is also known as the holder's registered date.	Not applicable
4. Div. rate	Either the dividend rate or the capitalization rate for a security	Not applicable
5. Div. Type code	Used to determine the type of dividend.	See Div. Type code table used by FNCRtxt
6. Currency	The currency in which the cash dividend, provided by Dividend Rate/Capitalization Change Rate is reported.	See Appendix D: Currency codes

FNXDtxt Next Cash Dividend/Interest or Capital Change Record

FNXC returns a record containing the most important details of a capitalization change, dividend or interest payment for a specified ex-date.

FNXDtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Ex-Div. Date	Date on which the security's opening market price reflects a deduction equal to the amount of the latest dividend or an adjustment for a capitalization change.	Not applicable
2. Pay Date	Date on which a dividend is to be paid or capitalization change distributed to stockholders. The payment date is also the expiration date for rights issues.	Not applicable
3. Record Date	The last date by which holders of a security must be registered to be entitled to the next dividend or split shares. It is also known as the holder's registered date.	Not applicable
4. Rate	Either the dividend rate or the capitalization rate for a security	Not applicable
5. Type code	Used to determine the type of dividend.	See Div. Type code table used by FNCRtxt
6. Currency	The currency in which the cash dividend, provided by Dividend Rate/Capitalization Change Rate is reported.	See Appendix D: Currency codes

FOCCCtxt First Optional Call Currency

Currency of FOCPR (First Optional Call Price)
See Appendix D: Currency codes

FOCDT First Optional Call Date

The first date on which an issue may be redeemed at the issuer's option.

FOCPR First Optional Call Price

The first price at which an issue may be redeemed at the issuer's option.

FONADAT Overnight Forward Rate - Date

Date of overnight forward rate

FONASK Overnight Forward Rate - Ask

The ask Overnight Forward Rate from WM/Reuters. Use with the CUR: prefix

FONBID Overnight Forward Rate - Bid

The bid Overnight Forward Rate from WM/Reuters. Use with the CUR: prefix

FONMID Overnight Forward Rate - Mid

The mid Overnight Forward Rate from WM/Reuters. Use with the CUR: prefix

FORMtxt Security Form

The Security Form identifies the form in which the security is quoted; or how it is traded and settled, how title is transferred, and the rights conferred to the holder; or whether it is issued in bearer or registered form.

FORM has overlapping codes for different asset types. Therefore you need to retrieve ASSET (Generic Asset Category) along with FORM.

The following codes are applicable when ASSET = A (U.S./Canadian Fixed Income) or E (U.S/Canadian preferred stock)

Code	Description
1	Registered only
2	Coupon/bearer only
3	Registered and coupon/bearer
4	Book entry
5	Registered and book entry
6	Custodial receipt
S	144A Depositary Receipt, private placement
T	Regulation S Depositary Receipt, private placement
Z	Other situation

The following codes are applicable when ASSET = K (Non U.S/Canadian Equities)

Code	Description
A	Other marking name (obsolete)
B	American Depository Receipt (Obsolete)
C	Bearer depository receipt--details shown as per underlying security
D	Unit--details shown as per unit
E	Unit--details shown as per underlying security
F	Local certificate issued to allow trading in an international security
G	Nil-paid security
H	Temporary registered security
I	Registered depository receipt - details shown as per receipt.
J	Registered depository receipt - details shown as per underlying security.
K	Settlement number
L	Global Depositary Receipt (GDR) (Obsolete)

M	Global Depositary Share (GDS) (Obsolete)
N	Obsolete - formerly Asset Backed Security (ABS)
P	Obsolete - formerly Collateralised Mortgage Obligation (CMO)
Q	Obsolete - formerly Mortgage Backed Security (MBS)
R	Stock Option/Dividend Option Line
S	144A Depositary Receipt (Obsolete)
T	Regulation S Depositary Receipt (Obsolete)
U	Bearer and registered
V	Leverage Provision - Structured/Hybrid product aimed at providing leverage
W	Yield Provision - Structured/Hybrid product aimed at providing yield
X	Participation Provision - Structured/Hybrid product aimed at providing participation
Y	Capital Growth Provision - Structured/Hybrid product aimed at providing capital growth
Z	Other Derivative Product - Structured/Hybrid product aimed at providing other type of return/strategy
0	Registered security
1	Quasi-bearer security (Obsolete)
2	Bearer security
3	Bearer depository receipt--details shown as per receipt
4	Allotment letter
5	Letter of right
6	Provisional allotment letter
7	Letter of entitlement
8	Renounceable certificate
9	Recognized marking name (obsolete)

The following codes are applicable when ASSET = J (Non U.S/Canadian Fixed Income)

Code	Description
A	Bearer or bookentry
B	Bearer only
C	Permanent global registered
D	Permanent global bearer or registered
E	Either bearer or registered
F	Definitive Registered or Permanent Global Registered
G	Permanent global
R	Registered only
S	Bearer, registered, or bookentry
T	Bookentry only
U	Registered and bookentry
Z	New situation

FPRIN First Principal Payment Date

Returns the date on which the first principal payment is expected to be made.

FREDM Final Redemption Value

Available for non-U.S./non-Canadian fixed income securities, represents the price as a percentage of the nominal value at which a bond will be redeemed.

FRNFI FRN Formula-Independent Minimum/Maximum Data Record

FRNFI is a record item which returns the following fields

Field Description	Description	Code table notes
Date	The effective date of the Formula-Independent Maximum Rate and the Formula-Independent Minimum Rate.	Not applicable
Min Rate	The lowest rate at which a floating rate note's interest may be set beginning on the corresponding Formula-Independent Minimum/ Maximum Date until a subsequent Formula-Independent Minimum/Maximum Date, if any, goes into effect.	Not applicable
Max Rate	The highest rate at which a floating rate note's interest may be set beginning on the corresponding Formula-Independent Minimum/ Maximum Date until a subsequent Formula-Independent Minimum/Maximum Date, if any, goes into effect.	Not applicable

FRNtxt FRN Records

FRN provides information on the resets, formulas, and benchmarks used to calculate the coupon rate for a floating rate note security.

FRNtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Reset Method Effective Date	The first date on which a reset methodology goes into effect. It should be used to identify which reset methodology is in effect, and the data associated with that methodology. A floating rate note's reset method is in effect until a subsequent Reset Method Effective Date is returned, or until maturity.	Not applicable
2. Reset Freq.	The Reset Frequency identifies the frequency by which the coupon rate resets.	See code table below
3. Reset Freq. Period	The Reset Frequency Period is the value returned for x in the Reset Frequency when the codes are "1", "2", or "3".	Not applicable
4. Reset Day of Week	Identifies the day of the week when the coupon normally resets; notwithstanding holidays or other extenuating conditions. This item is returned only if the day of the week is stipulated in the prospectus	See code table below
5. Reset Day of Month	The day of the month when the coupon normally resets; notwithstanding	Not applicable

	holidays or other extenuating conditions. This item is returned only if the day of the month is stipulated in the prospectus.	
6. Reset Week of Month	The week of the month when the coupon normally resets; notwithstanding holidays or other extenuating conditions. This item is returned if the week of the month is stipulated in the prospectus.	See code table below
7. Multiple Formula Handling Code	Indicates which result (or results) of coupon rates produced from multiple formulas should be used to determine the coupon effective rate where multiple formulas are operative on the same Formula Effective Date.	See code table below
8. Rate Determination Number of Days Prior to Reset Date	Number of business days before each reset date upon which the new coupon rate is determined.	Not applicable
9. Rate Determination Number of Days Prior to Pay Date	Number of calendar days prior to an interest payment date upon which the new coupon rate is determined before it is actually paid. Where the coupon payment period differs from the reset period, and the reset period is shorter than the coupon payment period, there may be a freeze on changing the rate for a period of time prior to the interest payment date. In such cases, the last coupon reset rate determined is carried over for the rest of the coupon payment period. Over this period, the rate remains constant for payment purposes, and may subsequently be adjusted in the following payment period.	Not applicable
10. Formula Effective Date	Date on which a formula becomes operative.	Not applicable
11. Formula Condition Handling Code	describes the conditions for processing multiple formulas operative on the same Formula Effective Date.	See code table below
12. Fixed Price for Coupon Setting	The price to which the coupon rate is set so that, based on market conditions for that issue, the coupon yields the prospectus-stipulated market price.	Not applicable
13. Formula Text	The Formula Text is an open text field that describes each formula in a free-form manner. Multiple FD records containing the same Reset Sequence Number for Formula Record 2 and Formula	Not applicable

	Sequence Number for Formula Record 2 represent a continuation of the text if it cannot be contained within the 58-character field.	
14. Benchmark Abbreviation	Identifying the benchmark, the index or the specific security, off of which the coupon rate for a floating rate note is reset. This item together with Benchmark Periodicity Code and Benchmark Periodicity Term provide a description of the benchmark.	See code table below
15. Benchmark Periodicity Term	Number associated with the Benchmark Periodicity Code. This item together with Benchmark Abbreviation and Benchmark Periodicity Code provide a description of the benchmark.	Not applicable
16. Benchmark Periodicity Code	The term of the benchmark used to reset a floating rate note's coupon rate; days (A), months (B), or years (C). Blank indicates the benchmark is represented by a specific security (see Benchmark Corresponding Identifier) as opposed to an index, or that the condition does not apply. This code together with Benchmark Abbreviation and Benchmark Periodicity Term provide a description of the benchmark.	Not applicable
17. Primary Benchmark Coefficient Sign	The arithmetic sign indicating whether the value of the Primary Benchmark Coefficient in the benchmark formula is positive or negative.	Not applicable
18. Primary Benchmark Coefficient	Is used in the benchmark formula to determine the amount multiplied by a benchmark rate in a floating rate note formula.	Not applicable
19. Secondary Benchmark Coefficient Sign	The Secondary Benchmark Coefficient Sign is the arithmetic sign indicating whether the value of the Secondary Benchmark Coefficient in the benchmark formula is positive or negative.	Not applicable
20. Secondary Benchmark Coefficient	Used in the benchmark formula to determine the value used in a floating rate note formula.	Not applicable
21. Primary Benchmark Constant Sign	The arithmetic sign indicating whether the Primary Benchmark Constant in the benchmark formula is positive or negative.	Not applicable
22. Primary Benchmark Constant	Used in the benchmark formula to determine the value used in a floating rate note formula.	Not applicable
23. Secondary Benchmark Constant Sign	The arithmetic sign indicating whether the Secondary Benchmark Constant in the benchmark formula is positive or negative.	Not applicable
24. Secondary Benchmark Constant	used in the benchmark formula to	Not applicable

	determine the value used in a floating rate note formula.	
25. Formula Continuation Operator	The mathematical symbol used to connect multiple mathematical expressions (individual benchmark calculations) within a formula.	See code table below
26. Minimum Value of Benchmark	Indicates the value below which a benchmark cannot be used in a benchmark calculation. The Benchmark Condition Default determines the treatment to be applied to the benchmark formula in the event that the benchmark falls below the value of this item. Zeros in the field indicate that no minimum value was specified in the prospectus.	Not applicable
27. Maximum Value of Benchmark	Indicates the value above which a benchmark cannot be used in a benchmark calculation. The Benchmark Condition Default determines the treatment to be applied to the benchmark formula in the event that the benchmark exceeds the value of this item. Zeros in the field indicate that no maximum value was specified in the prospectus.	Not applicable
28. Benchmark Condition Default	Identifies the treatment to be applied to the benchmark formula in the event that the result of the benchmark calculation falls below the Minimum Value of Benchmark or above the Maximum Value of Benchmark	See code table below
29. Benchmark Time	The time of day, based on Benchmark Time Zone, at which the Benchmark Source from Prospectus should be consulted to determine the value of the benchmark (represented by the combined items Benchmark Abbreviation, Benchmark Periodicity Code, and Benchmark Periodicity Term)	Not applicable
30. Benchmark Time Zone	the time zone, corresponding with Benchmark Time.	Not applicable
31.Returns N/A	Not applicable	Not applicable
32. Returns N/A	Not applicable	Not applicable
33. Benchmark Source from Prospectus	From Prospectus identifies the source to be consulted to determine the value of the benchmark.	Not applicable
34. Returns N/A	Not applicable	Not applicable
35. Returns N/A	Not applicable	Not applicable
36. Returns N/A	Not applicable	Not applicable
37. Coupon Floor	The maximum decrease, stated as a percentage, between the last coupon and the current coupon; that is, the maximum value that may be subtracted from the last coupon to set the current coupon.	Not applicable
38. Returns N/A	Not applicable	Not applicable

Reset Freq.

Code	Description
A	Annual
D	Daily
F	Flexible (at issuer's option)
M	Monthly
Q	Quarterly
S	Semi-annually
W	Weekly
1	Resets every x days
2	Resets every x weeks
3	Resets every x months

Reset Day of Week

Code	Description
1	Monday
2	Tuesday
3	Wednesday
4	Thursday
5	Friday

Reset Week of Month

Code	Description
1	First week of the month
2	Second week of the month
3	Third week of the month
4	Fourth week of the month

Multiple Formula Handling Code

Code	Description
A	Average of calculated values
B	Lowest of calculated values
C	Highest of calculated values

Formula Condition Handling Code

Code	Description
A	Calculated rate outside max/min range; set formula rate = 0, process next formula for same effective date.
B	Calculated rate outside max/min range; set rate = min rate if < min, set rate = max rate if > max.
C	Calculated rate outside floor/ceiling range; set rate = previous rate - coupon floor if < min, set rate = previous rate + coupon floor if > max.

D	Both max/min rate and floor/ceiling rate apply.

Benchmark Abbreviation

Code	Description
AEDSW	UAE Dirham Swap Rate
AFNSW	Afghanistan Afghani (new) Swap Rate
ALLSW	Albanian Lek Swap Rate
AMBOR	American Interbank Offered Rate (AMERIBOR)
AMDSW	Armenian Dram Swap Rate
ANBID	Brazil ANBID
ANGSW	Netherlands Antilles Guilder Swap Rate
AOASW	Angolan Kwanza (new) Swap Rate
AONIA	Australia Overnight Index Average
ARCER	Argentina CER
ARCPI	Argentina CPI
ARSSW	Argentine Peso Swap Rate
ATBIL	Treasury (Auction Weekly High Rate)
ATSSW	Austrian Schilling Swap Rate
AUCPI	Australia CPI
AWGSW	Aruban Guilder Swap Rate
AYTB	Average Yield of Treasury Bills
AZNSW	Azerbaijani Manat Swap Rate
BA	Brit BA or US Bankers Acceptances
BAIOR	Buenos Aires Interbank Offered Rate (BAIBOR)
BAMSW	Bosnia Herzegovina Convertible Mark Swap Rate
BBDSW	Barbados Dollar Swap Rate
BBUSD	USD Int Settle Rate
BDTSW	Bangladeshi Taka Swap Rate
BEFSW	Belgian Franc Swap Rate
BGNSW	Bulgarian Lev (new) Swap Rate
BHDSW	Bahraini Dinar Swap Rate
BIBOR	Bangkok Interbank Offered Rate (BIBOR)
BIFSW	Burundi Franc Swap Rate
BMASW	Bond Market Association (BMA) Swap Index
BMDSW	Bermudan Dollar Swap Rate
BNDSW	Brunei Darussalam Dollar Swap Rate
BOBSW	Bolivian Boliviano Swap Rate
BRCDI	Brazil CETIP CDI
BRDI	BrazilDI
BRIPC	Brazil CPI - City of Sao Paulo (IPC-FIPE)
BRLSW	Brazilian Real Swap Rate

BRTBF	Brazil TBF
BRTR	BrazilTR
BSBY	Bloomberg Short Term Bank Yield Index (BSBY)
BSDSW	Bahamian Dollar Swap Rate
BTNSW	Bhutan Ngultrum Swap Rate
BWPSW	Botswanan Pula Swap Rate
BYRSW	Belarus Ruble (new) Swap Rate
BZDSW	Belize Dollar Swap Rate
C$BA	Canadian Bankers Acceptances
C$CMT	CMS/CMT
CACPI	Canada CPI (CACPI)
CADSW	Canadian Dollar Swap Rate
CBRRU	CBR key rate (CBRRU)
CDFSW	Congolese Franc Swap Rate
CHFSW	Swiss Franc Swap Rate
CITA	Copenhagen Interbank Tomorrow/Next Average (CITA)
CLCPI	Chile CPI
CLFSW	Chilean Unidades de Fomento Swap Rate
CLIOR	Chile Interbank Offered Rate (CHILIBOR)
CLPSW	Chilean Peso Swap Rate
CLUF	Chile Unidad de Fomento (UF)
CLUVR	Colombia Unidad de valor real (UVR)
CMT	CMS/CMT
CNHSW	Chinese Yuan Offshore Swap Rate
CNIOR	China Interbank Offered Rate (CHIBOR)
CNYSW	Chinese Yuan Renminbi Swap Rate
COIOR	Colombia Interbank Offered Rate (COLIBOR)
COPSW	Colombian Peso Swap Rate
CORAI	CORA Compounded Index (CORAI)
CORRA	Canadian Overnight Repo Rate Average (CORRA)
CP	Commercial Paper
CPI1	Most Recently Available CPI (3 Months)
CPI12	Previous Year CPI (15 Months)
CPI14	Previous Year CPI (14 Months)
CPI2	Most Recently Available CPI (2 Months)
CPIU	Urban Consumer Price Index
CRCSW	Costa Rican Colon Swap Rate
CUPSW	Cuban Peso Swap Rate
CVESW	Cape Verdi Islands Escudo Swap Rate
CYPSW	Cyprian Pound Swap Rate
CZKSW	Czech Koruna Swap Rate

CZNIA	CZECH Overnight Index Average (CZEONIA)
DECPI	German CPI
DEHIC	German HICP
DEPOS	Deposit Rate
DESTR	Denmark Short-Term Rate (DESTR)
DIVI	Dividend Payment
DJFSW	Djibouti Franc Swap Rate
DKCPI	Denmark CPI
DKKSW	Danish Krone Swap Rate
DOPSW	Dominican Republic Peso Swap Rate
DZDSW	Algerian Dinar Swap Rate
EEKSW	Estonian Kroon Swap Rate
EGPSW	Egyptian Pound Swap Rate
EHICP	European Central Bank HICP (Also EuroZone HICP) (CPTFEMU)
ERNSW	Eritrean Nakfa Swap Rate
ESTR	Euro Short Term Rate
ETBSW	Ethiopian Birr Swap Rate
EUCPI	Euro Zone CPI (EURO CPI)
EURI	LIBOR
EURO	EURIBOR
EURSW	Euro Swap Rate
FDTR	Funds Target Rate - Upper Bound (FDTR)
FFOPN	Federal Funds Open Rate
FFUND	Federal Funds
FIMSW	Finish Markka Swap Rate
FJDSW	Fijian Dollar Swap Rate
FKPSW	Falkland Pound Swap Rate
FRCPX	France CPI Excluding Tobacco (FRCPXTOB)
FXCPN	Fixed Coupon
GAS	Gas Price Index
GBXSW	Pence Swap Rate
GELSW	Georgian Lari Swap Rate
GHSSW	Ghanaian Cedi Swap Rate
GIPSW	Gibraltan Pound Swap Rate
GMDSW	Gambian Dalasi Swap Rate
GNFSW	Guinea Franc Swap Rate
GRDSW	Greek Drachma Swap Rate
GTQSW	Guatemalan Quetzal Swap Rate
GWPSW	Guinea Bissau Peso Swap Rate
GYDSW	Guyanan Dollar Swap Rate
HKDSW	Hong Kong Dollar Swap Rate

HNLSW	Honduras Lempira Swap Rate
HONIA	Hong Kong Dollar Overnight Index Average (HONIA)
HRDSW	Croatian Dinar Swap Rate
HRKSW	Croatian Kuna Swap Rate
HTGSW	Haitian Gourde Swap Rate
HUFSW	Hungarian Forint Swap Rate
HUNIA	Hungarian Forint Overnight Index Average (HUFONIA)
IBYI	ICE Bank Yield Index (IBYI)
IDRSW	Indonesian Rupiah Swap Rate
IEPSW	Irish Punt Swap Rate
IGPM	BrazilGeneral Index of Market Prices (IGP-M)
ILCPI	Israel CPI
ILSSW	Israeli Shekel Swap Rate
INPC	BrazilNational CPI (INPC)
INRSW	Indian Rupee Swap Rate
IONIA	Indonesia Overnight Index Average (IndOnia)
IPCA	BrazilExtended National CPI (IPCA)
IPCS	BrazilCPI - Weely (IPC-S)
IQDSW	Iraqi Dinar Swap Rate
IRRSW	Iranian Rial Swap Rate
ISCPI	Iceland CPI
ISDA	ISDA Rate
ISKSW	Icelandic Krona Swap Rate
ITCPI	Italian FOI (blue collar workers and employees) CPI excluding Tobacco (ITCPI)
ITCPX	Italian FOI (blue collar workers and employees) CPI excluding Tobacco (ITCPIUNR)
JIBAR	Johannesburg Interbank Agreed Rate (JIBAR)
JIBOR	Jakarta Interbank Offered Rate (JIBOR)
JMDSW	Jamaican Dollar Swap Rate
JNCPX	Japan CPI excluding fresh food (JNCPIXFF)
JODSW	Jordanian Dinar Swap Rate
JPCPI	Japan CPI (JCPNJGBI)
JPYSW	Japanese Yen Swap Rate
JYLIB	LIBOR
KESSW	Kenyan Shilling Swap Rate
KGSSW	Kyrgystan Som Swap Rate
KHRSW	Cambodian Riel Swap Rate
KIBOR	Karachi Interbank Offered Rate (KIBOR)
KLBOR	Kuala Lumpur Interbank Offered Rate (KLIBOR)
KMFSW	Comorosan Franc Swap Rate
KOSPI	Korea Composite Stock Price Index (KOSPI)

KPWSW	North Korean Won Swap Rate
KRCPI	South Korea CPI
KRIOR	Korea (South) Interbank Offered Rate (KORIBOR)
KRWSW	South Korean Won Swap Rate
KWDSW	Kuwaiti Dinar Swap Rate
KYDSW	Cayman Dollar Swap Rate
KZIOR	Kazakhstan Interbank Offered Rate (KAIBOR)
KZTSW	Kazakhstan Tenge Swap Rate
LAKSW	Laotian Kip Swap Rate
LBPSW	Lebanese Pound Swap Rate
LEONA	LEONIA Plus (LEv OverNight Index Average Plus)
LIBOR	LIBOR
LKRSW	Sri Lankan Rupee Swap Rate
LRDSW	Liberian Dollar Swap Rate
LSLSW	Lesotho Loti Swap Rate
LTLSW	Lithuanian Lita Swap Rate
LUFSW	Luxembourg Franc Swap Rate
LVLSW	Latvian Lat Swap Rate
LYDSW	Libyan Dinar Swap Rate
MADSW	Moroccan Dirham Swap Rate
MDLSW	Moldovian Leu Swap Rate
MGASW	Madagascan Ariary Swap Rate
MIBOR	Mumbai Interbank Offered Rate (MIBOR)
MKDSW	Macedonian Denar Swap Rate
MMKSW	Myanamar Kyat Swap Rate
MNTSW	Mongolian Tugrik Swap Rate
MOIOR	Moscow Interbank Offered Rate (MOSIBOR)
MOPSW	Macao Pataca Swap Rate
MROR	India Market Repo Overnight Rate (MROR)
MROSW	Mauritanian Ouguiya Swap Rate
MTLSW	Maltese Lira Swap Rate
MURSW	Mauritian Rupee Swap Rate
MVRSW	Maldive Rufiyaa Swap Rate
MWKSW	Malawi Kwacha Swap Rate
MXCPI	Mexico CPI
MXIOR	Mexican Interback Offered Rate (MEXIBOR)
MXNSW	Mexican New Peso Swap Rate
MXUDI	Mexico UDI
MXVSW	Mexican Unidad de Inversion (UDI) Swap Rate
MYRSW	Malaysian Ringgit Swap Rate
MZNSW	Mozambique Metical Swap Rate

NADSW	Namibian Dollar Swap Rate
NGNSW	Nigerian Naira Swap Rate
NIBOR	Nigerian Interbank Offered Rate (NIBOR)
NIOSW	Nicaraguan Cordoba Oro Swap Rate
NLGSW	Netherlands Guilder Swap Rate
NOKSW	Norwegian Krone Swap Rate
NOWA	Norwegian Overnight Weighted Average (NOWA)
NOWAA	NOWA Compounded Average (NOWAA Average)
NOWAI	NOWA Compounded Index (NOWAI Index)
NPRSW	Nepalese Rupee Swap Rate
NZCPI	New Zealand CPI
NZDSW	New Zealand Dollar Swap Rate
NZOCR	RBNZ Official Cash Rate (OCR)
OBFR	Overnight Bank Funding Rate (OBFR)
OMRSW	Omani Sul Rial Swap Rate
PABSW	Panamanian Balboa Swap Rate
PENSW	Peruvian Nuevo Sol Swap Rate
PGKSW	Papua New Guinea Kina Swap Rate
PHIOR	Philippines Interbank Offered Rate (PHIBOR)
PHPSW	Philippines Peso Swap Rate
PKRSW	Pakistani Rupee Swap Rate
PLNSW	Polish Zloty Swap Rate
POCPI	Poland CPI (POCPILB)
PRIME	Prime Rate
PRIOR	Prague Interbank Offered Rate (PRIBOR)
PTESW	Portuguese Escudo Swap Rate
PYGSW	Paraguayan Guarani Swap Rate
QARSW	Qatari Rial Swap Rate
REXP	REXP Performance Index
RGIBD	Riga Interbank Bid Rate (RIGIBID)
ROBOR	Romania (ROBOR)
RONIA	Ruble Overnight Index Average (RUONIA)
RONSW	New Romanian Leu Swap Rate
RSDSW	Serbian Dinar Swap Rate
RUBSW	Russian New Ruble Swap Rate
RWFSW	Rwanda Franc Swap Rate
SABOR	South African Benchmark Overnight Rate (SABOR)
SAIOR	Saudi Arabian Interbank Offered Rate (SAIBOR)
SARB	SARB Repo Rate
SARON	Swiss Average Rate Overnight
SARSW	Saudi Riyal Swap Rate

SBDSW	Solomon Islands Dollar Swap Rate
SCRSW	Seychelles Rupee Swap Rate
SDGSW	Sudanese Pound Swap Rate
SECPI	Sweden CPI
SEKSW	Swedish Krona Swap Rate
SELIC	Brazil SELIC
SGDSW	Singaporean Dollar Swap Rate
SHIOR	Shanghai Interbank Offered Rate (SHIBOR)
SHPSW	Saint Helena Pound Swap Rate
SITSW	Slovenian Tolar Swap Rate
SKKSW	Slovakian Koruna Swap Rate
SLLSW	Sierra Leone Leone Swap Rate
SOFIB	Bulgaria (SOFIBOR)
SORA	Singapore Overnight Rate Average (SORA)
SORAA	SORA Compounded Average (SORA Average)
SORAI	SORA Compounded Index (SORA Index)
SOSSW	Somali Shilling Swap Rate
SPPRI	Prime Specific Bank
SPTSY	Specific Treasury
SRDSW	Surinam Dollar Swap Rate
SSPSW	South Sudanese Pound Swap Rate
STDSW	Sao Tome Dobra Swap Rate
STLIB	LIBOR
SVCSW	El Salvador Colon Swap Rate
SWESA	SWESTR Compounded Average (SWESTR Average)
SWESI	SWESTR Compounded Index (SWESTR Index)
SWEST	Swedish krona Short Term Rate (SWESTR)
SWR	Swap Rate
SYPSW	Syrian Pound Swap Rate
SZLSW	Swaziland Lilangeni Swap Rate
TBILL	Treasury Bill (Bond Equiv Yield)
TBMAI	TBMA Municipal Swap Index
TBOND	Treasury Bond
TEBOR	Tel Aviv Inter-Bank Offered Rate (Telbor)
THBSW	Thai Baht Swap Rate
THCPI	Thailand CPI
THOR	Thai Overnight Repurchase Rate (THOR)
THORA	THOR Compounded Average (THOR Average)
THORI	THOR Compounded Index (THOR Index)
TIBOR	Tokyo Interbank Offered Rate (TIBOR) - Unsecured Call Market
TIIE	Interbank Equilibrium Interest Rate (TIIE)

TJLP	BrazilLong Term Interest (TJLP)
TJSSW	Tajikistani Somoni Swap Rate
TLREF	Turkish Lira Overnight Reference Rate (TLREF)
TLREI	TLREF Index
TMTSW	Turkmenistan New Manat Swap Rate
TNDSW	Tunisian Dinar Swap Rate
TNOTE	Treasury Note
TONAR	Tokyo Overnight Average Rate
TOPSW	Tongan Pa'anga Swap Rate
TORF	Tokyo Term Risk Free Rate (TORF)
TRCPI	Turkiye CPI
TRYIB	Turkiye (TRYIBOR)
TRYSW	New Turkish Lira Swap Rate
TSOFR	Term SOFR
TTDSW	Trinidad and Tobago Dollar Swap Rate
TWDSW	Taiwanese Dollar Swap Rate
TZSSW	Tanzanian Shilling Swap Rate
UAHSW	Ukraine Hryvnia Swap Rate
UGXSW	Ugandan Shilling Swap Rate
UKBA	LondonInterbank Offered Rate (LIBOR) (also BA Brit)
UKCPI	United Kingdom CPI (UKCPI)
UKRPI	United Kingdom RPI - Retail Prices Index (UKRPI)
UKRPX	United Kingdom RPI excluding mortgage interest payments (UKRPIX)
US$SR	Swap Rate
USCPI	United States CPI (USCPI)
USUCN	United States CPI Urban Consumers NSA (CPURNSA)
UYISW	Peso Uruguayo en Unidades Indexadas Swap Rate
UYUI	Uruguay CPI - Unidad Indexada (UI or URUIURUI)
UYUSW	Uruguan Peso Swap Rate
UZSSW	Uzbekistan Som Swap Rate
VEFSW	Venezuelan Bolivar Swap Rate
VNDSW	Vietnamese Dong Swap Rate
VUVSW	Vanuatu Vatu Swap Rate
WAC	Weighted Average Coupon (WAC)
WCUSW	World Currency Unit Swap Rate
WRR	Warsaw repo rate (WRR)
WSTSW	Western Samoan Tala Swap Rate
XAFSW	CFA Franc BEAC Swap Rate
XBASW	European Composite Unit Swap Rate
XCDSW	East Caribbean Dollar Swap Rate

XDRSW	IMF Special Drawing Rights Swap Rate
XOFSW	CFA Franc BCEAO Swap Rate
XPFSW	CFP Franc Swap Rate
YERSW	Yemeni Rial Swap Rate
ZACPI	South Africa CPI
ZAPRI	South African Prime Interest Rate
ZARSW	South African Rand Swap Rate
ZIBOR	South African Rand interbank overnight rate (ZARibor)
ZMWSW	Zambian New Kwacha Swap Rate
ZONIA	South African Rand Overnight Index Average (ZARONIA)
ZWLSW	Zimbabwe Dollar Swap Rate

Formula Continuation Operator

Code	Description
=+	Add next benchmark formula to coupon result
=-	Subtract next benchmark formula from coupon result
*	Multiply coupon by next benchmark formula
/	Divide coupon by next benchmark formula
=	formula complete

Benchmark Condition Default

Code	Description
A	Set benchmark to relevant minimum or maximum value of benchmark
B	Set benchmark = 0
C	Disregard this benchmark calculation; continue to next benchmark calculation within the formula

FRTP2txt Floating Rate Type

The Floating Coupon Type specifies the current method of interest calculation and payment for the bond. Certain coupon types should be expected to change over the life of the security.

Item	Description
1	Set by Auction
2	CPI
3	Set to produce specific px
4	Collared FRN
5	Inverse/Reverse Formulas
6	Prospectus/Ordinary Formulas
7	Set by remarketing agent
8	Set by issuer
9	To Be Determined
10	Complex Formulas

FRW Forward Rate

The interest rate applicable to a financial transaction that will take place in the future. Applies only to evaluation curves

FRWADAT Forward Rate Date
Date of FRW. Applies only to evaluation curves

FSPON Fund Sponsor
The full name of the fund sponsor, as provided in the prospectus.

FSTRTtxt Fund Structure
The Fund Structure defines whether the security is an exchange traded fund or note.

Item	Description
F	Exchange Traded Fund
N	Exchange Traded Note
P	Exchange Traded Product (other than ETF or ETN)
M	ETMF

FTCR Fitch Rating
The long-term rating assigned by Fitch.

FTCRADAT Fitch Rating Effective Date
Date of FTCR

FTCRS Fitch Short-term Rating
The short-term rating assigned by Fitch.

FTCRSADAT Fitch Short-term Rating Date
Date of FTCRS

FTNADAT Tomorrow/Next Forward Rate - Date
Date of the tomorrow/next forward rate.

FTNASK Tomorrow/Next Forward Rate - Ask
The ask Tomorrow/Next Forward from WM/Reuters. Use with the CUR: prefix

FTNBID Tomorrow/Next Forward Rate - Bid
The bid Tomorrow/Next Forward from WM/Reuters. Use with the CUR: prefix

FTNMID Tomorrow/Next Forward Rate - Mid
The mid Tomorrow/Next Forward from WM/Reuters. Use with the CUR: prefix

FUNDTYPEtxt Fund Asset Type
Used to classify funds.

Code	Description
1	Balanced
2	Balanced Income

3	Blue Chip
4	Bond
5	Commodity
6	Convertible
7	Corporate Bond
8	Derivative
9	Distressed Securities
10	Equity
11	Equity Growth
12	Equity Income
13	Equity Bear
14	Feeder
15	Fund of Funds
16	Futures
17	Government Securities
18	Guaranteed
19	High Yield Bond
20	Index
21	Large-Cap Stocks
22	Long-Term Bond
23	Medium-Term Bond
24	Micro-Cap Stocks
25	Mid-Cap Stocks
26	Money Market
27	Options
28	Real Estate
29	Securities and Real Estate
30	Short Term Bond
31	Small-Cap Stocks
32	Traded Endowment Policy
33	Venture Capital
34	Warrants
35	Zero-Coupon Bond
36	Small/Middle Cap Stock
37	Balanced Equity
38	Balanced Bond
39	Mixed Assets
40	African Equity Index
41	Area Euro Bond Index
42	Asian Equity Index
43	Australian Equity Index

44	Bonds - Currency
45	Bonds - Geographic Area
46	Bonds - Governments
47	Bonds - High Yield
48	Bonds - International
49	Bonds - Investment Grade
50	Bonds - Not Specialist
51	Commodity Index
52	Country Bonds Index
53	Country Shares Index
54	Currencies Index
55	Derivatives Index
56	Derivatives Index - Raw Materials
57	Diversified/Flexible
58	Equity Basket
59	Equity Index - Emerging Countries
60	Equity Index - Geographic Area
61	Ethical Equity Index
62	Euro Area Equity Index
63	Europe Bond Index
64	Europe Equity Index
65	Funds
66	Goods
67	Index Of ETFs - Balanced
68	Index Of ETFs - Bonds
69	Index Of ETFs - Flexible
70	Index Of ETFs - Shares
71	Index Of Funds - Bonds
72	International Bond Index
73	International Equity Index
74	Non-USA American Bond Index
75	Non-USA American Equity Index
76	Sector Equity Index
77	Shares - Geographic Area
78	Shares - Others
79	Shares - Sector
80	Shares - Specialist
81	Shares Global
82	USA Bond Index
83	USA Equity Index
84	Cryptocurrencies

85	Index - Cryptocurrencies

FXFLMtxt Coupon Type Method

The Coupon Type Method describes any applicable changes to the COUPT (Coupon Type) throughout the life of the bond.

Item	Description
	Unknown
A	Fixed to Float
B	Float to Fixed
C	Fixed to Float to Fixed
D	Float to Fixed to Float

GENMKtxt General Marker

The General Marker, available for non-U.S./non-Canadian equities, qualifies the ISSS (Issue Status).

Code	Description
	No special conditions
A	In liquidation
B	In receivership or, for U.S. company, bankruptcy proceedings in progress
C	Obsolete - formerly D.T.I. (Department of Trade & Industry) Inspector appointed
D	Name change proposed or implemented
E	Unused
F	SEDOL Replacement: a SEDOL record has been replaced by an IDII record. Corporate action and pricing data can be related to the replacement security.
G	Reason for extinction: takeover/merger/scheme
H	Reason for extinction: name change
I	Reason for extinction: par value change
J	Reason for extinction: redemption
K	Reason for extinction: conversion terms expired, total conversion has taken place
L	Reason for extinction: suspension of listing (obsolete 9/2000)
M	Reason for extinction: renunciation date reached (temporary line)
N	Reason for extinction: call paid (temporary line)
O	Reason for extinction: now ranks ``pari passu" with parent security (temporary)
P	Record deleted - non-specific reason.
Q	Reason for extinction: no market maker (obsolete 9/2000)
R	Obsolete - formally no price.
S	Reason for extinction: code number allocated in error
T	Obsolete-Reason for extinction: enfranchisement
U	Negligible Value Published- specific to UK securities deemed to have Negligible Value by HM Revenue & Customs (HMRC), but are not yet delisted
V	Reason for extinction: delisted - company in receivership
W	Reason for extinction: delisted - company in liquidation
X	Negligible Value: this setting is specific to delisted UK securities previously deemed to have Negligible Value by the HM Revenue & Customs (HMRC)

Y	Reason for extinction: delisted following a majority takeover (obsolete 9/2000)
Z	Obsolete - formally unspecified.
1	Reason for extinction: new replacement SEDOL/IDII code has been allocated following a major capitalization issue (obsolete 9/2000)
2	Record changed from 'Skeletal' to 'Normal'
3	Record reinstated from 'dead' to 'live' or 'skeletal
4	Obsolete- formerly London Stock Exchange (LSE) notification of future deletion received
5	Record changes from 'live' to 'skeletal' - special situation
6	IDII record replaced by a SEDOL record. Corporate action and pricing history data can be related to the succeeding record.
7	Security no longer tradeable - extinction pending
8	Unit Fund name has changed. Fund Manager name remains unchanged.
9	Fund has closed

GERMN German Code

Security identifier known as the Wertpapier-Kenn-Nummer (WKN).

GICEtxt GICS Economic Sector

The GICS Economic Sector is a two-character code indicating the GICS Economic Sector for a security. It is the first (broadest) level in the four-tier GICS classification system.
See Appendix E: GICS codes

GICGtxt GICS Industry Group

The GICS Industry Group is a four-character code indicating the GICS Industry Group for a security. It is the second level in the four-tier GICS classification system.
See Appendix E: GICS codes

GICItxt GICS Industry

The GICS Industry is a six-character code indicating the GICS Industry for a security. It is the third level in the four-tier GICS classification system.
See Appendix E: GICS codes

GICStxt GICS Sub-industry

The GICS Sub-Industry is an eight-character code indicating the GICS Sub-Industry Group for a security. It is the fourth (most specific) level in the four-tier GICS classification system.
See Appendix E: GICS codes

GOVAGNtxt Government Agency

The Government Agency indicates the government agency, government sponsored enterprise (GSE), or other entity issuing the security.

Code	Description
A	CVC
B	EDC
C	FCC
D	GLT
E	HUD

F	REF
H	DOD
J	CMHC
K	TVA
L	SBA
M	USPS
N	GSA
O	Federal Judiciary
P	PEFCO
Q	FICO
R	REFCO
S	FLB
T	African Development Bank
U	Asian Development Bank
V	EEC
W	EIB
Y	FMAC
Z	Other situation
0	FNMA
1	FHLMC
2	FFCB
3	FHLB
4	SLMA
5	IBRD
6	IABD
7	BDC
8	CHT
9	CWB

HI52 High Price - Past 52 Weeks

The highest high price from the most recent trading date back to 52 weeks ago, or less than 52 weeks for newly issued securities.

HI52ADAT High Price - Past 52 Weeks Amendment Date

Date of HI52

HIGH High Price

The exchange listed high

HIGHADAT High Price Amendment Date

Date of the price returned by HIGH

HIGHCOQtxt High Price Country of Quotation
Country of Quotation of the price returned by HIGH
See Appendix A: Country Codes

HIGHCURR High Price Currency
Currency description like United States Dollar of the price returned by HIGH

HIGHEUR High Price in EUR
The price returned by HIGH converted to Euros using the London close spot mid-rate for the date of the high.

HIGHEX2 2nd Exch High Price
Returns the high from the secondary exchange for dually listed German and Indian securities.

HIGHEX2ADAT 2nd Exch High Price Amendment Date
Date of the high returned by HIGHEX2.

HIGHEX2COQtxt 2nd Exch High Price Country of Quotation
Country of Quotation of the price returned by HIGHEX2
See Appendix A: Country Codes

HIGHEX2CURR 2nd Exch High Price Currency
Currency description like United States Dollar of the price returned by HIGHEX2

HIGHEX2EUR 2nd Exch High Price in EUR
The price returned by HIGHEX2 converted to Euros using the London close spot mid-rate for the date of the high.

HIGHEX2EXCHtxt 2nd Exch High Price Exchange
The exchange or source of the price returned by HIGHEX2
See Appendix B: Universal Pricing Exchange codes

HIGHEX2GBP 2nd Exch High Price in GBP
The price returned by HIGHEX2 converted to British Pounds using the London close spot mid-rate for the date of the high.

HIGHEX2ISO 2nd Exch High Price Currency Code
ISO Currency code of the price returned by HIGHEX2

HIGHEX2USD 2nd Exch High Price in USD
The price returned by HIGHEX2 converted to US Dollar using the London close spot mid-rate for the date of the high.

HIGHEXCHtxt High Price Exchange
The exchange or source of the price returned by HIGH
See Appendix B: Universal Pricing Exchange codes

HIGHGBP High Price in GBP

The price returned by HIGH converted to British Pounds using the London close spot mid-rate for the date of the high.

HIGHISO High Price Currency Code

ISO Currency code of the price returned by HIGH

HIGHUSD High Price in USD

The price returned by HIGH converted to US Dollar using the London close spot mid-rate for the date of the high.

HOLIDAYtxt Exchange Holiday Record

Allows the user to request information in the future or in the past regarding which markets are on holiday. Use Exchange MIC codes prefixes with “MIC:” i.e. MIC:XNYS

HOLIDAYtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Date of the holiday	Date the Type value applies to.	Not applicable
2. Type	Describes the scheduled hours of the market.	See code table below
3. Country	The country the market is located in	Not applicable

Type

Code	Description
NTD	Not Trading Day
RTD	Regular Trading
NTH	No Trading Holiday
ITH	Irregular Trading Hours

HOMQTtxt Home/Main Quotation Marker

The Home/Main Quotation Marker indicates whether a quotation is the home/main quotation or is not the home/main quotation, when there are a number of quotations for a security.

Code	Description
0	Not a Home Quotation
1	Primary Home/Main Quotation
2	EUSD Multi Jurisdictional Security (Obsolete)
3	Secondary Home/Main Quotation

HQ:PRCADAT Foreign Issue Best Price/Eval of Home Quote Amend Date

Date of HQ:PRCUSD

HQ:PRCCODE Foreign Issue Best Price/Evaluation of Home Quote Code

The type of price returned by HQ:PRC

See Appendix H: itemNote

HQ:PRCCOQ Foreign Issue Best Price/Eval Home Quote Cntry of Quotation

Country of Quotation of the price returned by HQ:PRCUSD

HQ:PRCEXCHtxt Foreign Issue Best Price/Evaluation of Home Quote Exchange

See Appendix B: Universal Pricing Exchange codes

HQ:PRCNOTE Foreign Issue Best Price/Evaluation of Home Quote Note

The type of price returned by HQ:PRC
See Appendix H: itemNote

HQ:PRCUSD Foreign Issue Best Price/Evaluation of Home Quote in USD

For US listed foreign securities the price is calculated from the home quote listing price converted to USD using the London close spot mid-rate.

HQ:SEDOL Home Quote SEDOL/IDII

Returns the home/main quotation SEDOL or IDII code of the security.

HQLA:MAXDATE HQLA Maximum 30 Day Price Drop Date

Date of HQLA:MAXDROP

HQLA:MAXDROP HQLA Maximum 30 Day Price Drop

Maximum price drop over a 30-day period beginning with start date.

HQLA:STDATE HQLA Analysis Start Date

First pricing date of the security, or January 2, 1998, whichever is later.

IAMT Issue Size

The total amount of security originally issued

ICB1txt ICB Classification - Industry

This is a two-character code that indicates the ICB Industry for a security. It is the top level in the four-tier ICB classification system.

Code	Description
10	Technology
15	Telecommunications
20	Health Care
30	Financials
35	Real Estate
40	Consumer Discretionary
45	Consumer Staples
50	Industrials

55	Basic Materials
60	Energy
65	Utilities

ICB2txt ICB Classification - Supersector

This is a four-character code that indicates the ICB Supersector for a security. It is the second level in the four-tier ICB classification system.

Code	Description
1010	Technology
1510	Telecommunications
2010	Health Care
3010	Banks
3020	Financial Services
3030	Insurance
3510	Real Estate
4010	Automobiles and Parts
4020	Consumer Products and Services
4030	Media
4040	Retail
4050	Travel and Leisure
4510	Food Beverage and Tobacco
4520	Personal Care Drug and Grocery Stores
5010	Construction and Materials
5020	Industrial Goods and Services
5510	Basic Resources
5520	Chemicals
6010	Energy
6510	Utilities

ICB3txt ICB Classification - Sector

This is a six-character code that indicates the ICB Sector for a security. It is the third level in the four-tier ICB classification system.

Code	Description
101010	Software and Computer Services
101020	Technology Hardware and Equipment
151010	Telecommunications Equipment
151020	Telecommunications Service Providers
201010	Health Care Providers
201020	Medical Equipment and Services
201030	Pharmaceuticals Biotechnology and Marijuana Producers
301010	Banks

302010	Finance and Credit Services
302020	Investment Banking and Brokerage Services
302030	Mortgage Real Estate Investment Trusts
302040	Equity Investment Instruments
302050	Nonequity Investment Instruments
303010	Life Insurance
303020	Non-life Insurance
351010	Real Estate Investment and Services
351020	Real Estate Investment Trusts
401010	Automobiles and Parts
402010	Consumer Services
402020	Household Goods and Home Construction
402030	Leisure Goods
402040	Personal Goods
403010	Media
404010	Retailers
405010	Travel and Leisure
451010	Beverages
451020	Food Producers
451030	Tobacco
452010	Personal Care Drug and Grocery Stores
501010	Construction and Materials
502010	Aerospace and Defense
502020	Electronic and Electrical Equipment
502030	General Industrials
502040	Industrial Engineering
502050	Industrial Support Services
502060	Industrial Transportation
551010	Industrial Materials
551020	Industrial Metals and Mining
551030	Precious Metals and Mining
552010	Chemicals
601010	Non-Renewable Energy
601020	Renewable Energy
651010	Electricity
651020	Gas Water and Multi-utilities
651030	Waste and Disposal Services

ICB4txt ICB Classification - Subsector

This is a four-character code that indicates the ICB Subsector for a security. It is the fourth level in the four-tier ICB classification system.

Code	Description
10101010	Computer Services
10101015	Software
10101020	Consumer Digital Services
10102010	Semiconductors
10102015	Electronic Components
10102020	Production Technology Equipment
10102030	Computer Hardware
10102035	Electronic Office Equipment
15101010	Telecommunications Equipment
15102010	Cable Television Services
15102015	Telecommunications Services
20101010	Health Care Facilities
20101020	Health Care Management Services
20101025	Health Care Services
20101030	Health Care: Misc.
20102010	Medical Equipment
20102015	Medical Supplies
20102020	Medical Services
20103010	Biotechnology
20103015	Pharmaceuticals
20103020	Marijuana Producers
30101010	Banks
30201020	Consumer Lending
30201025	Mortgage Finance
30201030	Financial Data Providers
30202000	Diversified Financial Services
30202010	Asset Managers and Custodians
30202015	Investment Services
30203000	Mortgage REITs: Diversified
30203010	Mortgage REITs: Commercial
30203020	Mortgage REITs: Residential
30204000	Equity Investment Instruments
30205000	Nonequity Investment Instruments
30301010	Life Insurance
30302010	Full Line Insurance
30302015	Insurance Brokers
30302020	Reinsurance
30302025	Property and Casualty Insurance
35101010	Real Estate Holding and Development
35101015	Real Estate Services

35102000	Diversified REITs
35102010	Health Care REITs
35102015	Hotel and Lodging REITs
35102020	Industrial REITs
35102025	Infrastructure REITs
35102030	Office REITs
35102040	Residential REITs
35102045	Retail REITs
35102050	Storage REITs
35102060	Timber REITs
35102070	Other Specialty REITs
40101010	Auto Services
40101015	Tires
40101020	Automobiles
40101025	Auto Parts
40201010	Education Services
40201020	Funeral Parlors and Cemetery
40201030	Printing and Copying Services
40201040	Rental and Leasing Services: Consumer
40201050	Storage Facilities
40201060	Vending and Catering Service
40201070	Consumer Services: Misc.
40202010	Home Construction
40202015	Household Furnishings
40202020	Household Appliance
40202025	Household Equipment and Products
40203010	Consumer Electronics
40203040	Electronic Entertainment
40203045	Toys
40203050	Recreational Products
40203055	Recreational Vehicles and Boats
40203060	Photography
40204020	Clothing and Accessories
40204025	Footwear
40204030	Luxury Items
40204035	Cosmetics
40301010	Entertainment
40301020	Media Agencies
40301030	Publishing
40301035	Radio and TV Broadcasters
40401010	Diversified Retailers

40401020	Apparel Retailers
40401025	Home Improvement Retailers
40401030	Specialty Retailers
40501010	Airlines
40501015	Travel and Tourism
40501020	Casinos and Gambling
40501025	Hotels and Motels
40501030	Recreational Services
40501040	Restaurants and Bars
45101010	Brewers
45101015	Distillers and Vintners
45101020	Soft Drinks
45102010	Farming Fishing Ranching and Plantations
45102020	Food Products
45102030	Fruit and Grain Processing
45102035	Sugar
45103010	Tobacco
45201010	Food Retailers and Wholesalers
45201015	Drug Retailers
45201020	Personal Products
45201030	Nondurable Household Products
45201040	Miscellaneous Consumer Staple Goods
50101010	Construction
50101015	Engineering and Contracting Services
50101020	Building Roofing/Wallboard and Plumbing
50101025	Building: Climate Control
50101030	Cement
50101035	Building Materials: Other
50201010	Aerospace
50201020	Defense
50202010	Electrical Components
50202020	Electronic Equipment: Control and Filter
50202025	Electronic Equipment: Gauges and Meters
50202030	Electronic Equipment: Pollution Control
50202040	Electronic Equipment: Other
50203000	Diversified Industrials
50203010	Paints and Coatings
50203015	Plastics
50203020	Glass
50203030	Containers and Packaging
50204000	Machinery: Industrial

50204010	Machinery: Agricultural
50204020	Machinery: Construction and Handling
50204030	Machinery: Engines
50204040	Machinery: Tools
50204050	Machinery: Specialty
50205010	Industrial Suppliers
50205015	Transaction Processing Services
50205020	Professional Business Support Services
50205025	Business Training and Employment Agencies
50205030	Forms and Bulk Printing Services
50205040	Security Services
50206010	Trucking
50206015	Commercial Vehicles and Parts
50206020	Railroads
50206025	Railroad Equipment
50206030	Marine Transportation
50206040	Delivery Services
50206050	Commercial Vehicle-Equipment Leasing
50206060	Transportation Services
55101000	Diversified Materials
55101010	Forestry
55101015	Paper
55101020	Textile Products
55102000	General Mining
55102010	Iron and Steel
55102015	Metal Fabricating
55102035	Aluminum
55102040	Copper
55102050	Nonferrous Metals
55103020	Diamonds and Gemstones
55103025	Gold Mining
55103030	Platinum and Precious Metals
55201000	Chemicals: Diversified
55201010	Chemicals and Synthetic Fibers
55201015	Fertilizers
55201020	Specialty Chemicals
60101000	Integrated Oil and Gas
60101010	Oil: Crude Producers
60101015	Offshore Drilling and Other Services
60101020	Oil Refining and Marketing
60101030	Oil Equipment and Services

60101035	Pipelines
60101040	Coal
60102010	Alternative Fuels
60102020	Renewable Energy Equipment
65101010	Alternative Electricity
65101015	Conventional Electricity
65102000	Multi-Utilities
65102020	Gas Distribution
65102030	Water
65103035	Waste and Disposal Services

ICPI Index CPI

For settlement purposes, the TIPS price is adjusted for inflation as measured by the CPI since the dated date of the security. This inflation measure, which also can be used to calculate accrued interest, is a daily factor, or index.

ID9 9-Digit CUSIP Number

The CUSIP or Key Identifier is either the current CUSIP or CINS (CUSIP International Numbering System), identifier assigned to a security by the CUSIP Service Bureau of Standard & Poor's Corporation, according to a set of standard classification conventions established by the **C**ommittee on **U**niform **S**ecurity **I**dentification **P**rocedures (CUSIP) of the American Bankers Association or the Interactive Data-assigned key identifier for the security.

IDAT Indicated Annual Dividend Date

The date on which the indicated annual dividend was last revised.

IDIV Indicated Annual Dividend

Contains an estimate or forecast of dividend payments for one complete period or year.

IDIVCURR Indicated Annual Dividend Currency

Currency of IDIV

IDVFtxt Indicated Annual Dividend Footnote

The Indicated Annual Dividend Footnote provides the methodology used to calculate the IDIV (Indicated Annual Dividend).

Code	Description
A	Indicated annual dividend equals the dividend payment rate times the current payment frequency.
B	Indicated annual dividend equals the dividend payment rate times the current payment frequency. An extra dividend was paid but is not included in the indicated annual dividend.
C	Indicated annual dividend equals the sum of the dividend payment rates paid over the last 12 months. Only regular cash dividends are included.
D	Indicated annual dividend equals the sum of the dividend payment rates paid over the last 12 months. Only regular cash dividends are included. An extra dividend was paid but is not included in the indicated annual dividend.
E	Indicated annual dividend has been supplied by the Unit Investment Trust Sponsor.
F	There is no indicated annual dividend because the security has only had stock distributions during the past year.

G	There is no indicated annual dividend because the security has only had capital gains distributions during the past year.
H	Initial dividend payment - the indicated annual dividend equals the dividend rate of the initial dividend.
I	Indicated annual dividend equals the sum of less than a full year of dividend payments.
J	Preferred issue with fixed annual dividend payment rate
K	There is no indicated annual dividend because dividend was omitted or rescinded.
L	Indicated annual dividend adjusted for stock split or stock dividend.
M	Indicated annual dividend is the annualized average of less than a year of available dividend history.
N	Indicated annual dividend for the UIT is calculated based on the current yield provided by the UIT sponsor.
Z	Indicated annual dividend for this UIT is temporarily unavailable.
9	Does not apply.

IDIVISO Indicated Annual Dividend ISO Currency Code
Currency of IDIV

IEASK Ask Evaluation
Ask Evaluation. For US securities it returns a 3pm evaluation unless there is no 3pm than a 4pm is used.

IEASK4 4pm/Institutional Ask Evaluation
Ask Evaluation. For US securities it returns a 4pm evaluation unless there is no 4pm than a 3pm is used.

IEASKADAT Ask Evaluation Amendment Date
Date of IEASK

IEASK4ADAT 4pm/Institutional Ask Evaluation Amendment Date
Date of IEASK4

IEAYLD Evaluated Ask Yield
Ask Yield. For US securities it returns a 3pm evaluation unless there is no 3pm than a 4pm is used.

IEAYLD4 4pm/Institutional Evaluated Ask Yield
Ask Yield. For US securities it returns a 4pm evaluation unless there is no 4pm than a 3pm is used.

IEAYLDADAT Evaluated Ask Yield Amendment Date
Date of IEAYLD

IEAYLD4ADAT Evaluated Ask Yield Amendment Date
Date of IEAYLD4

IEBENCH Evaluation Benchmark Code
Identifies the benchmark of the evaluation returned by pricing item mnemonics such as “PRC” (Best Price/Evaluation). The possible codes returned are ‘3pm NY’ and ‘4pm NY’.

IEBENCH4 4pm Evaluation Benchmark Code
Identifies the benchmark of the evaluation returned by the 4pm/Institutional pricing item mnemonic such as “PRC4” (4pm/Institutional Best Price/Evaluation). The possible codes returned are ‘3pm NY’ and ‘4pm NY’.

IEBID Bid Evaluation
Bid Evaluation. For US securities it returns a 3pm evaluation unless there is no 3pm than a 4pm is used.

IEBID4 4pm/Institutional Bid Evaluation
Bid Evaluation. For US securities it returns a 4pm evaluation unless there is no 4pm than a 3pm is used.

IEBIDADAT Bid Evaluation Amendment Date
Date of IEBID

IEBID4ADAT 4pm/Institutional Bid Evaluation Amendment Date
Date of IEBID4

IEBYLD Evaluated Bid Yield
Bid Yield. For US securities it returns a 3pm evaluation unless there is no 3pm than a 4pm is used.

IEBYLD4 4pm/Institutional Evaluated Bid Yield
Bid Yield. For US securities it returns a 4pm evaluation unless there is no 4pm than a 3pm is used.

IEBYLDADAT Evaluated Bid Yield Amendment Date
Date of IEBYLD

IEBYLD4ADAT 4pm/Institutional Evaluated Bid Yield Amendment Date
Date of IEBYLD4

IEMID Mid Evaluation
Mid or Mean Evaluation. For US securities it returns a 3pm evaluation unless there is no 3pm than a 4pm is used.

IEMID4 4pm/Institutional Mid Evaluation
Mid or Mean Evaluation. For US securities it returns a 4pm evaluation unless there is no 4pm than a 3pm is used.

IEMIDADAT Mid Evaluation Amendment Date
Date of IEMID

IEMID4ADAT Mid Evaluation Amendment Date
Date of IEMID4

IEMYLD Evaluated Mean Yield
Mid or Mean Yield. For US securities it returns a 3pm evaluation unless there is no 3pm than a 4pm is used.

IEMYLD4 4pm/Institutional Evaluated Mean Yield
Mid or Mean Yield. For US securities it returns a 4pm evaluation unless there is no 4pm than a 3pm is used.

IEMYLDADAT Evaluated Mean Yield Amendment Date
Date of IEMYLD

IEMYLD4ADAT Evaluated Mean Yield Amendment Date

Date of IEMYLD4

IEQTYPEtxt Evaluated Quotation Type

Indicates how the price for the security is quoted.

Code	Description
104	Cash - priced per unit of 1000 shares
112	Cash - priced per unit of 100 shares
12	Percent - evaluated to maturity clean (without accrued interest)
13	Percent - evaluated to call clean (without accrued interest)
139	Cash - priced per unit of 10 shares
14	Percent - evaluated to put clean (without accrued interest)
148	Cash - priced per unit of 10,000 shares
161	Cash - units of 50 shares
162	Cash - units of 500 shares
163	Cash - units of 5,000 shares
164	Cash - units of 50,000 shares
165	Cash - units of 100,000 shares
169	Percent - evaluated to maturity dirty (with accrued interest)
170	Percent - evaluated to call dirty (with accrued interest)
171	Percent - evaluated to put dirty (with accrued interest)
181	Yield to Price Date - clean
182	Yield to Price Date - dirty
2	Cash
3	Percent
4	Percent - evaluated to discount

IFCtxt Issue Features

The Issue Features Code is a string of up to 12 one-character codes identifying the characteristics of an issue (U.S./Canadian corporate and government bonds and U.S. municipal bonds), or a two-character code describing call, extendible, or retractable features of the terms and conditions associated with a security (non-U.S./non-Canadian bonds). Therefore you need to retrieve ASSET (Generic Asset Category) along with IFC.

The following codes are applicable when ASSET does not equal J (Non US/Canadian Fixed Income) or K (Non US/Canadian Equity)

Code	Description
A	Callable
B	Mandatory sinking fund
C	Optional sinking fund
D	Non-standard sinking fund

E	Convertible
F	Other features
G	Conditional call features
H	Conversion text data available
M	Mandatory call features
N	Newly issued or unconfirmed security with call features
O	Optional call features
P	Puttable
Q	Conditional put features
R	Non-conditional put features
S	Sinking fund features
T	Tender feature
X	Not callable at issuer's option

The following codes are applicable when ASSET equal J (Non US/Canadian Fixed Income) or K (Non US/Canadian Equity)

Code	Description
A0	Callable/retractable/extendible, no drawings ('bullet')
A4	Callable/retractable/extendible, sinking fund (with option to double drawings)
B0	Issue repurchased, no drawings ('bullet')
B1	Issue repurchased, sinking fund (by drawings or purchase in open market)
B5	Issue repurchased, serial repayment of capital
00	Non-callable, no drawings ('bullet')
01	Non-callable, sinking fund (by drawings or purchase in open market)
02	Non-callable, drawings only
03	Non-callable, purchase fund
04	Non-callable, sinking fund (with option to double drawings)
05	Non-callable, serial repayment of capital
06	Non-callable, serial payment (with option to double instalments)
09	Non-callable, new situation
10	Callable, no drawings ('bullet')
11	Callable, sinking fund (by drawings or purchase in open market)
12	Callable, drawings only
13	Callable, purchase fund
14	Callable, sinking fund (with option to double drawings)
15	Callable, serial repayment of capital
16	Callable, serial payment (with option to double instalments)
19	Callable, new situation
20	Called, no drawings ('bullet')

21	Called, sinking fund (by drawings or purchase in open market)
22	Called, drawings only
23	Called, purchase fund
24	Called, sinking fund (with option to double drawings)
25	Called, serial repayment of capital
26	Called, serial payment (with option to double instalments)
29	Called, new situation
30	Retractable, no drawings ('bullet')
31	Retractable, sinking fund (by drawings or purchase in open market)
32	Retractable, drawings only
33	Retractable, purchase fund
34	Retractable, sinking fund (with option to double drawings)
35	Retractable, serial repayment of capital
36	Retractable, serial payment (with option to double instalments)
39	Retractable, new situation
40	Extendible, no drawings ('bullet')
41	Extendible, sinking fund (by drawings or purchase in open market)
42	Extendible, drawings only
43	Extendible, purchase fund
44	Extendible, sinking fund (with option to double drawings)
45	Extendible, serial repayment of capital
46	Extendible, serial payment (with option to double instalments)
49	Extendible, new situation
50	Callable/retractable, no drawings ('bullet')
51	Callable/retractable, sinking fund (by drawings or purchase in open market)
52	Callable/retractable, drawings only
53	Callable/retractable, purchase fund
54	Callable/retractable, sinking fund (with option to double drawings)
55	Callable/retractable, serial repayment of capital
56	Callable/retractable, serial payment (with option to double instalments)
59	Callable/retractable, new situation
60	Warrants expired, no drawings ('bullet')
61	Warrants expired, sinking fund (by drawings or purchase in open market)
62	Warrants expired, drawings only
63	Warrants expired, purchase fund
64	Warrants expired, sinking fund (with option to double drawings)
65	Warrants expired, serial repayment of capital
66	Warrants expired, serial payment (with option to double instalments)

69	Warrants expired, new situation
70	Callable/extendible, no drawings ('bullet')
71	Callable/extendible, sinking fund (by drawings or purchase in open market)
72	Callable/extendible, drawings only
73	Callable/extendible, purchase fund
74	Callable/extendible, sinking fund (with option to double drawings)
75	Callable/extendible, serial repayment of capital
76	Callable/extendible, serial payment (with option to double instalments)
79	Callable/extendible, new situation
80	Extendible/retractable, no drawings ('bullet')
81	Extendible/retractable, sinking fund (by drawings or purchase in open market)
82	Extendible/retractable, drawings only
83	Extendible/retractable, purchase fund
84	Extendible/retractable, sinking fund (with option to double drawings)
85	Extendible/retractable, serial repayment of capital
86	Extendible/retractable, serial payment (with option to double instalments)
89	Extendible/retractable, new situation
90	New situation, serial repayment of capital
91	New situation, sinking fund (by drawings or purchase in open market)
92	New situation, drawings only
93	New situation, purchase fund
94	New situation, sinking fund (with option to double drawings)
95	New situation, serial repayment of capital
96	New situation, serial payment (with option to double instalments)

IMOF Interest Paid per 1000 of Face

The Interest Paid per 1000 of Face is the multiple used to calculate the interest payment in currency for the current period.

INCCtxt Payment Currency

The Payment Currency Code is the ISO code identifying the currency, other than the issue currency, for paying interest on the issue. For non-U.S./non-Canadian fixed income securities, this item is populated only if the currency differs from the ISC1 (Primary Currency Code).
See Appendix A: Currency codes

INDDT Indenture Date

The date of the agreement between the issuer of the bond and the Trustee.

INFADJ Inflation Adjustment Indicator

Qualify whether evaluations delivered in services have been adjusted for inflation or not.

INSTRUMtxt Instrument Type

The Instrument Type, available for municipal securities, describes the nature of the securities that comprise a municipal bond issue.

Code	Description
AA	Appropriation Anticipation Notes
B1	All Bonds
BA	Bond Anticipation Notes
C1	Certificates of Indebtedness
C2	Certificates of Participation
C3	Certificates of Obligation
C9	Other Certificates
CA	Combined Anticipation
DA	Dutch Auction
EC	Embedded Cap
ES	Embedded Swap
FA	Fund Anticipation Notes
GA	Grant Anticipation Notes
LA	Loan Anticipation Notes
N1	Construction Loan Notes
N2	Collateralized Notes
N3	Renewal and Renewable Notes
N4	Promissory Notes
N9	Other Notes
P1	All Commercial Paper
RA	Revenue Anticipation Notes
TA	Tax Anticipation Notes
UA	Unknown Anticipation Types
W1	All Warrants
XA	Federal Aid Anticipation
ZA	Tax and Revenue Anticipation Notes

INTACCL Interest Accrual Date

Specifies the date on which interest begins to accrue or principal begins to accrete, where this date is other than the **Accrual Begin Date**. This item applies primarily to remarketed municipals and capital appreciation bonds.

INTD Interest Payment Delay

The number of days between the date the interest stops accruing and the date that payment is made to the holder of a collateralized mortgage obligation or asset-backed security.

INTPAYDAYtxt Interest Payment Day

The day of the week or day of the month interest is paid, used primarily for variable rate bonds.

Code	Description
A	Fixed Date
1	Daily
10	Monday
11	1st Monday of month
12	2nd Monday of month
13	3rd Monday of month
14	4th Monday of month
15	Thursday
16	1st Thursday of month
17	2nd Thursday of month
18	3rd Thursday of month
19	4th Thursday of month
2	Commercial Paper
20	Tuesday
21	1st Tuesday of month
22	2nd Tuesday of month
23	3rd Tuesday of month
24	4th Tuesday of month
25	Wednesday
26	1st Wednesday of month
27	2nd Wednesday of month
28	3rd Wednesday of month
29	4th Wednesday of month
3	Friday
30	1st Day of the month
31	2nd Day of the month
32	3rd Day of the month
33	4th Day of the month
34	5th Day of the month
35	6th Day of the month
36	7th Day of the month
37	8th Day of the month
38	9th Day of the month
39	10th Day of the month
4	1st Friday of month
40	11th Day of the month
41	12th Day of the month
42	13th Day of the month
43	14th Day of the month
44	15th Day of the month

45	16th Day of the month
46	17th Day of the month
47	18th Day of the month
48	19th Day of the month
49	20th Day of the month
5	2nd Friday of month
50	21st Day of the month
51	22nd Day of the month
52	23rd Day of the month
53	24th Day of the month
54	25th Day of the month
55	26th Day of the month
56	27th Day of the month
57	28th Day of the month
58	29th Day of the month
59	30th Day of the month
6	3rd Friday of month
60	31st Day of the month
61	1st Business day of the cycle
62	2nd Business day of the cycle
63	3rd Business day of the cycle
64	4th Business day of the cycle
65	5th Business day of the cycle
66	6th Business day of the cycle
67	7th Business day of the cycle
68	8th Business day of the cycle
69	9th Business day of the cycle
7	4th Friday of month
8	Irregular
9	Last day of month

INTTYPtxt Bond Interest Type

The Bond Interest Type identifies the interest characteristics of a bond.

Code	Description
	Fixed Rate
A	Ascending rate bond
B	Floating Z Bond
C	Capital appreciation bond
D	Deferred interest
E	I/O ette

F	I/O floater
I	Interest only bond
J	Jump Z Bond
M	Multi-class (component)
N	Non-standard multiple class
O	Fixed/Cap
P	Partial Z Bond
Q	Special - see prospectus
R	Zero coupon bond
S	Spread Pass Through
T	Toggle Z-bond
V	Floating rate bond
W	Z-bond with no interest
X	Z-bond with stated interest start date
Y	Spread Pass Through Only
Z	Accretes at coupon rate until conversion to a standard bond

INVRATE Inverse Rate

The rate from which the benchmark is subtracted. The value is represented as a percentage.

IPCCtxt Issue Price Currency

The Issue Price Currency Code is the ISO code identifying the currency of IPRI (issue price).
See Appendix D: Currency codes

IPFCtxt Payment Frequency

The Current Payment Frequency identifies the frequency of dividend payments for equities or the frequency of interest payments for fixed income securities. Additionally, this item contains the components necessary to determine interruptions in the normal payment stream (e.g., omitted dividends or defaults in interest or principal payments). It is not typically adjusted for payment frequency changes associated with fixed-to-floating or floating-to-fixed rate instruments.

IPFC has overlapping codes for different asset types. Therefore you need to retrieve ASSET (Generic Asset Category) along with IPFC.

The following codes are applicable when ASSET = G (US/Canadian Equities), or E (N.A. Preferred stock)

Code	Description
	Not available
A	Semi-annual
A1	Payment cycle of every 1 day
A2	Payment cycle of every 2 days
A3	Payment cycle of every 3 days
A4	Payment cycle of every 4 days
A5	Payment cycle of every 5 days
A6	Payment cycle of every 6 days
A7	Payment cycle of every 7 days

A8	Payment cycle of every 8 days
A9	Payment cycle of every 9 days
B	3 payments per year
C	Quarterly
D	Monthly
E	No set schedule
F	Stock split or stock dividend in last year (obsolete March 2001)
M	16 payments per year
Z	Other situation
0	Dividend omitted (obsolete March 2001)
1	Annual
10	Payment cycle of every 10 days
11	Payment cycle of every 11 days
12	Payment cycle of every 12 days
13	Payment cycle of every 13 days
14	Payment cycle of every 14 days
15	Payment cycle of every 15 days
16	Payment cycle of every 16 days
17	Payment cycle of every 17 days
18	Payment cycle of every 18 days
19	Payment cycle of every 19 days
2	Semi-annual
20	Payment cycle of every 20 days
21	Payment cycle of every 21 days
22	Payment cycle of every 22 days
23	Payment cycle of every 23 days
24	Payment cycle of every 24 days
25	Payment cycle of every 25 days
26	Payment cycle of every 26 days
27	Payment cycle of every 27 days
28	Payment cycle of every 28 days
29	Payment cycle of every 29 days
3	Quarterly
30	Payment cycle of every 30 days
31	Payment cycle of every 31 days
32	Payment cycle of every 32 days
33	Payment cycle of every 33 days
34	Payment cycle of every 34 days
35	Payment cycle of every 35 days
36	Payment cycle of every 36 days
37	Payment cycle of every 37 days

38	Payment cycle of every 38 days
39	Payment cycle of every 39 days
4	Monthly
40	Payment cycle of every 40 days
41	Payment cycle of every 41 days
42	Payment cycle of every 42 days
43	Payment cycle of every 43 days
44	Payment cycle of every 44 days
45	Payment cycle of every 45 days
46	Payment cycle of every 46 days
47	Payment cycle of every 47 days
48	Payment cycle of every 48 days
49	Payment cycle of every 49 days
5	Annual, dividend in arrears (obsolete March 2001)
50	Payment cycle of every 50 days
51	Payment cycle of every 51 days
52	Payment cycle of every 52 days
53	Payment cycle of every 53 days
54	Payment cycle of every 54 days
55	Payment cycle of every 55 days
56	Payment cycle of every 56 days
57	Payment cycle of every 57 days
58	Payment cycle of every 58 days
59	Payment cycle of every 59 days
6	Semi-annual, dividend in arrears (obsolete March 2001)
60	Payment cycle of every 60 days
61	Payment cycle of every 61 days
62	Payment cycle of every 62 days
63	Payment cycle of every 63 days
64	Payment cycle of every 64 days
65	Payment cycle of every 65 days
66	Payment cycle of every 66 days
67	Payment cycle of every 67 days
68	Payment cycle of every 68 days
69	Payment cycle of every 69 days
7	Quarterly, dividend in arrears (obsolete March 2001)
70	Payment cycle of every 70 days
71	Payment cycle of every 71 days
72	Payment cycle of every 72 days
73	Payment cycle of every 73 days
74	Payment cycle of every 74 days

75	Payment cycle of every 75 days
76	Payment cycle of every 76 days
77	Payment cycle of every 77 days
78	Payment cycle of every 78 days
79	Payment cycle of every 79 days
8	Monthly, dividend in arrears (obsolete March 2001)
80	Payment cycle of every 80 days
81	Payment cycle of every 81 days
82	Payment cycle of every 82 days
83	Payment cycle of every 83 days
84	Payment cycle of every 84 days
85	Payment cycle of every 85 days
86	Payment cycle of every 86 days
87	Payment cycle of every 87 days
88	Payment cycle of every 88 days
89	Payment cycle of every 89 days
9	Annual
90	Payment cycle of every 90 days
91	Payment cycle of every 91 days
92	Payment cycle of every 92 days
93	Payment cycle of every 93 days
94	Payment cycle of every 94 days
95	Payment cycle of every 95 days
96	Payment cycle of every 96 days
97	Payment cycle of every 97 days
98	Payment cycle of every 98 days
99	Payment cycle of every 99 days

The following codes are applicable when ASSET = A (U.S./Canadian Fixed Income), B (N.A. Pass-through security), C, (N.A. CMO or asset backed security,) L (Certificate of Deposits, or D (Municipal Bond),

Code	Description
A	Issued on discount basis, interest calculated on 365-day calendar year
B	Issued on discount basis, interest calculated on 360-day year
C	Semi-annual
D	Annual
E	Bi-weekly
G	When Interest Adjusts " Commercial Paper
H	Every 13 weeks
I	Irregular
J	Every 28 days

K	Every 35 days
L	Every 26 weeks
N	Not applicable
U	No indication in the official statement
W	Weekly
Y	Every 52 weeks
Z	Other situation
0	In default of principal and interest
1	Annual
2	Semi-annual
3	Quarterly
4	Monthly
5	Annual interest in arrears
6	Semi-annual interest in arrears
7	Quarterly interest in arrears
8	Monthly interest in arrears
9	Interest payable at maturity

The following codes are applicable when ASSET = K (Non U.S./Canadian Equity), J (Non U.S./Canadian Fixed Income)

Code	Description
A	Interest/dividends are usually paid annually
H	Interest/dividends are usually paid half-yearly
I	Interest/dividends are usually not paid to any regular pattern
Q	Interest/dividends are usually paid quarterly
M	Interest/dividends are usually paid monthly
T	Interest/dividends are usually paid three times per year
W	Weekly
0	Not applicable or not known
01	Annual
02	Semi-annual
03	Once every 4 months
04	Quarterly
05	Biennial
06	Monthly
07	Single interest payment
08	Fortnightly
99	New situation

IPRI Issue Price

The price at which a new issue is offered.

ISASK Trax Ask Price
The ask price from Trax

ISASKADAT Trax Ask Price Amendment Date
The date of the price returned by ISASK

ISBID Trax Bid Price
The bid price from Trax

ISBIDADAT Trax Bid Price Amendment Date
The date of the price returned by ISBID

ISC1txt Primary Currency
The Primary Currency Code is the ISO code identifying the security's currency of issue, or face value.
See Appendix D: Currency codes

ISCY Issuer City
The city of the issuer (or assembler) for some FHLMC securities.

ISDT Issue/Offer Date
The original date of issuance for a security. For U.S. municipal bonds ISDT is the date when the bond begins to accrue interest.

ISIN ISIN Number
12-character **I**nternational **S**ecurity **I**dentification **N**umber for the security.

ISMID Trax Mid Price
The mid price from Trax

ISMIDADAT Trax Mid Price Amendment Date
The date of the price returned by ISMID

ISRD Issuer Description
Describes the issuer of the mortgage-backed security or pool.

ISRE Extended Issuer Description
The full name of the current, or former, issuer (or assembler) of the pool.

ISSN Issuer Number
The first six digits of the CUSIP number which identifies a bond issuer.

ISSRCD Issuer Code
Available for non-U.S./non-Canadian equities and fixed income securities, is an Interactive Data-assigned six-character unique code relating to each security issuer. All securities issued by the same company with the same company name have the same Issuer Code.

ISSRTtxt Issuer Type

The Issuer Type Code identifies the type of firm or entity issuing the security.

Code	Description
A	Corporation
C	Currency Exchange Rate
G	National Government
I	Real Estate Investment Trust
J	Investment Company
K	Regulated Investment Company
L	Ltd. partnership, ltd. liability co., or master ltd. partnership
M	Local Government
O	Option
P	Private Non-Profit Organization
Q	National Government Agency
R	Local Government Agency
S	Supra-national Agency
X	Market Indicator/Index
Y	Conduit Financing Vehicle

ISStxt Issue Text

Available for municipal securities and preferred securities, provides additional details describing the security in text format to supplement fielded items. The field may contain multiple conditions. Multiple records, indicating a continuation of each previous text field, can be concatenated to produce one logical text field; e.g., “MAKE WHOLE CALL + 12.5 BPS”. The field is populated for municipal bonds issued on or after May 19, 2008 for which we have collected the Official Statement.

ISSUER Expanded Issuer Name

Provides the name of the issuer of a security, in a minimally abbreviated form. In most cases, this item will reflect the prospectus name. However, for medium-term notes (MTNs) where the issuer name is received directly from an external source, this item *may not* always reflect the prospectus name and *may* be significantly abbreviated.

ISSStxt Issue Status

The Issue Status is the status of a security.

ISSS has overlapping codes for different asset types. Therefore you need to retrieve ASSET (Generic Asset Category) along with ISSS.

The following codes are applicable when ASSET equals J (Non US/Canadian Fixed Income), K (Non - US/Canadian Equities)

Code	Description
	No special conditions
A	In liquidation
B	In receivership or, for U.S. company, bankruptcy proceedings in progress
C	D.T.I. (Department of Trade & Industry) Inspector appointed

D	Name change proposed or implemented
E	Unused
F	London quotation granted (previous quotation Dublin, USM, or unlisted) (Obsolete)
G	Reason for extinction: takeover/merger/scheme
H	Reason for extinction: name change
I	Reason for extinction: par value change
J	Reason for extinction: redemption
K	Reason for extinction: conversion terms expired, total conversion has taken place
L	Reason for extinction: suspension of listing (obsolete 9/2000)
M	Reason for extinction: renunciation date reached (temporary line)
N	Reason for extinction: call paid (temporary line)
O	Reason for extinction: now ranks ``pari passu'' with parent security (temporary)
P	Record deleted - non-specific reason.
Q	Reason for extinction: no market maker (obsolete 9/2000)
R	Obsolete - formally no price.
S	Reason for extinction: code number allocated in error
T	Reason for extinction: enfranchisement
U	Inland Revenue declared security is of negligible value
V	Reason for extinction: delisted - company in receivership
W	Reason for extinction: delisted - company in liquidation
X	Reason for extinction: delisted - Inland Revenue declared security is of negligible value
Y	Reason for extinction: delisted following a majority takeover (obsolete 9/2000)
Z	Obsolete - formally unspecified.
1	Reason for extinction: new replacement SEDOL/IDII code has been allocated following a major capitalization issue (obsolete 9/2000)
2	Record changed from 'Skeletal' to 'Normal'
3	Record reinstated from 'dead' to 'live' or 'skeletal
4	London Stock Exchange (LSE) notification of future deletion received
5	Record changes from 'live' to 'skeletal' - special situation
6	IDII record replaced by a SEDOL record. Corporate action and pricing history data can be related to the succeeding record.
7	Security no longer tradeable - extinction pending
8	Unit Fund name has changed. Fund Manager name remains unchanged.
9	Fund has closed

The following codes are applicable when ASSET equals D (Municipal Bond)

Code	Description
	No special conditions
A	Bond is matured
B	Bond is in monetary/actual default
C	Bond is in technical default
D	Bond is Called due to Default
E	Bond is called
F	Bond was not issued - Sale Cancelled
G	Bond not yet issued - Sale Postponed
H	Bond is pre-refunded
I	Bond is Escrowed as to Interest Only
J	Bond is Escrowed as to Principal Only

K	Bond is escrowed to maturity
L	Crossover refunded
M	Bond is Tendered
N	Partially Pre-Refunded; Suspended
X	Cross-over Refunding (new issue) - Escrowed until Cross-over date
W	Escrowed until Conversion Date
1	New Add
2	Tax-exempt commercial paper
3	Trading flat
4	Bond is new public housing
5	Notes
6	Put bonds

The following codes are applicable when ASSET does not equal J (Non US/Canadian Fixed Income), K (Non - US/Canadian Equities), or D (Municipal Bond)

Code	Description
A	Added to exchange (obsolete)
B	In bankruptcy, receivership, or reorganization
C	Call scheduled
D	Delisted or suspended indefinitely (listed securities); not currently evaluated (unlisted securities)
E	Expired, matured, fully called, converted, exchanged, or liquidated
F	First day of trading (obsolete)
G	First day of trading after suspension
M	Merged
N	Name changed
P	Stock distribution occurred, but still also trading when issued until payment day is reached
R	Inactive
S	Trading suspended on this exchange
W	Also trading when issued
X	Foreign issue, and dollar debt issue in default - interest or principle
	Trading normally, or not applicable

ISTAtxt Issue Status

The Issue Status is the status of a security.

Code	Description
A	New add
C	Tax-exempt commercial paper
B	Bond is in default
E	Bond is called
F	Trading flat
H	Bond is prerefunded
J	Bond is new public housing
K	Bond is escrowed to maturity

L	Crossover refunded
M	Mandatory tender
N	Notes
P	Put bonds
1	Bond is matured
+	Not available

KEYVAL Input Key
The identifier you input

L:ADJ Latest Adjustment Factor
Returns the latest adjustment factor which is not equal to 1 unless there is no adjustment factor not equal to 1.

L:ADJADAT Latest Adjustment Factor Amendment Date
Date of L:ADJ

L:ASK Latest Asked Price
The latest exchange listed ask, Tax ask or evaluated ask regardless of the date(s) you specify.

L:ASKADAT Latest Asked Price Amendment Date
Date of the price returned by L:ASK

L:ASKCOQtxt Latest Asked Price Country of Quotation
Country of Quotation of the price returned by L:ASK
See Appendix A: Country Codes

L:ASKCURR Latest Asked Price Currency
Currency description like United States Dollar of the price returned by L:ASK

L:ASKEUR Latest Asked Price in EUR
The price returned by L:ASK converted to Euros using the London close spot mid-rate for the date of the latest ask.

L:ASKEXCHtxt Latest Asked Price Exchange
The exchange or source of the price returned by L:ASK
See Appendix B: Universal Pricing Exchange codes

L:ASKGBP Latest Asked Price in GBP
The price returned by L:ASK converted to British Pounds using the London close spot mid-rate for the date of the latest ask.

L:ASKISO Latest Asked Price Currency Code
ISO Currency code of the price returned by L:ASK

L:ASKUSD Latest Asked Price in USD
The price returned by L:ASK converted to US Dollar using the London close spot mid-rate for the date of the latest ask.

L:BID Latest Bid Price
The exchange listed bid, Trax bid or evaluated bid regardless of the date(s) you specify.

L:BIDADAT Latest Bid Price Amendment Date
Date of the price returned by L:BID

L:BIDCOQtxt Latest Bid Price Country of Quotation
Country of Quotation of the price returned by L:BID
See Appendix A: Country Codes

L:BIDCURR Latest Bid Price Currency
Currency description like United States Dollar of the price returned by L:BID

L:BIDEUR Latest Bid Price in EUR
The price returned by L:BID converted to Euros using the London close spot mid-rate for the date of the latest bid.

L:BIDEXCHtxt Latest Bid Price Exchange
The exchange or source of the price returned by L:BID
See Appendix B: Universal Pricing Exchange codes

L:BIDGBP Latest Bid Price in GBP
The price returned by L:BID converted to British Pounds using the London close spot mid-rate for the date of the latest bid.

L:BIDISO Latest Bid Price Currency Code
ISO Currency code of the price returned by L:BID

L:BIDUSD Latest Bid Price in USD
The price returned by L:BID converted to US Dollar using the London close spot mid-rate for the date of the latest bid.

LEADMGRtxt Lead Manager
Lead Manager, available for municipal securities, identifies the underwriter or syndicate head.

L:EPRC Latest Primary Exchange Trade Price
The latest trade/close regardless of the date(s) you specify.

L:EPRCADAT Latest Primary Exchange Trade Price Amendment Date
Date of the price returned by L:EPRC

L:EPRCCOQtxt Latest Primary Exchange Trade Price Country of Quotation
Country of Quotation of the price returned by L:EPRC
See Appendix A: Country Codes

L:EPRCCURR Latest Primary Exchange Trade Price Currency
Currency description like United States Dollar of the price returned by L:EPRC

L:EPRCEUR Latest Primary Exchange Trade Price in EUR
The price returned by L:EPRC converted to Euros using the London close spot mid-rate for the date of the latest trade/close.

L:EPRCEXCHtxt Latest Primary Exchange Trade Price Exchange
The exchange or source of the price returned by L:EPRC
See Appendix B: Universal Pricing Exchange codes

L:EPRCGBP Latest Primary Exchange Trade Price in GBP
The price returned by L:EPRC converted to British Pounds using the London close spot mid-rate for the date of the latest trade/close.

L:EPRCISO Latest Primary Exchange Trade Price Currency Code
ISO Currency code of the price returned by L:EPRC

L:EPRCUSD Latest Primary Exchange Trade Price in USD
The price returned by L:EPRC converted to US Dollar using the London close spot mid-rate for the date of the latest trade/close.

L:HIGH Latest High Price
The latest high regardless of the date(s) you specify.

L:HIGHADAT Latest High Price Amendment Date
Date of the price returned by L:HIGH

L:HIGHCOQtxt Latest High Price Country of Quotation
Country of Quotation of the price returned by L:HIGH
See Appendix A: Country Codes

L:HIGHCURR Latest High Price Currency
Currency description like United States Dollar of the price returned by L:HIGH

L:HIGHEUR Latest High Price in EUR
The price returned by L:HIGH converted to Euros using the London close spot mid-rate for the date of the latest high.

L:HIGHEXCHtxt Latest High Price Exchange
The exchange or source of the price returned by L:HIGH
See Appendix B: Universal Pricing Exchange codes

L:HIGHGBP Latest High Price in GBP
The price returned by L:HIGH converted to British Pounds using the London close spot mid-rate for the date of the latest high.

L:HIGHISO Latest High Price Currency Code
ISO Currency code of the price returned by L:HIGH

L:HIGHUSD Latest High Price in USD
The price returned by L:HIGH converted to US Dollar using the London close spot mid-rate for the date of the latest high.

L:LISTASK Latest Listed Asked Price
The latest listed ask regardless of the date(s) you specify.

L:LISTASKADAT Latest Listed Asked Price Amendment Date
Date of the price returned by L:LISTASK

L:LISTASKCOQtxt Latest Listed Ask Price Country of Quotation
Country of Quotation of the price returned by L:LISTASK
See Appendix A: Country Codes

L:LISTASKCURR Latest Listed Asked Price Currency
Currency description like United States Dollar of the price returned by L:LISTASK

L:LISTASKEUR Latest Listed Asked Price in EUR
The price returned by L:LISTASK converted to Euros using the London close spot mid-rate for the date of the latest ask.

L:LISTASKEXCHtxt Latest Listed Ask Price Exchange
The exchange or source of the price returned by L:LISTASK
See Appendix B: Universal Pricing Exchange codes

L:LISTASKGBP Latest Listed Asked Price in GBP
The price returned by L:LISTASK converted to British Pounds using the London close spot mid-rate for the date of the latest ask.

L:LISTASKISO Latest Listed Asked Price Currency Code
ISO Currency code of the price returned by L:LISTASK

L:LISTASKUSD Latest Listed Asked Price in USD
The price returned by L:LISTASK converted to US Dollar using the London close spot mid-rate for the date of the latest ask.

L:LISTBID Latest Listed Bid Price
The latest bid regardless of the date(s) you specify.

L:LISTBIDADAT Latest Listed Bid Price Amendment Date
Date of the price returned by L:LISTBID

L:LISTBIDCOQtxt Latest Listed Bid Price Country of Quotation
Country of Quotation of the price returned by L:LISTBID
See Appendix A: Country Codes

L:LISTBIDCURR Latest Listed Bid Price Currency
Currency description like United States Dollar of the price returned by L:LISTBID

L:LISTBIDEUR Latest Listed Bid Price in EUR
The price returned by L:LISTBID converted to Euros using the London close spot mid-rate for the date of the latest bid.

L:LISTBIDEXCHtxt Latest Listed Bid Price Exchange
The exchange or source of the price returned by L:LISTBID
See Appendix B: Universal Pricing Exchange codes

L:LISTBIDGBP Latest Listed Bid Price in GBP
The price returned by L:LISTBID converted to British Pounds using the London close spot mid-rate for the date of the latest bid.

L:LISTBIDISO Latest Listed Bid Price Currency Code
ISO Currency code of the price returned by L:LISTBID

L:LISTBIDUSD Latest Listed Bid Price in USD
The price returned by L:LISTBID converted to US Dollar using the London close spot mid-rate for the date of the latest bid.

L:LOW Latest Low Price
The latest low regardless of the date(s) you specify.

L:LOWADAT Latest Low Price Amendment Date
Date of the price returned by L:LOW

L:LOWCOQtxt Latest Low Price Country of Quotation
Country of Quotation of the price returned by L:LOW
See Appendix A: Country Codes

L:LOWCURR Latest Low Price Currency
Currency description like United States Dollar of the price returned by L:LOW

L:LOWEUR Latest Low Price in EUR
The price returned by L:LOW converted to Euros using the London close spot mid-rate for the date of the latest low.

L:LOWEXCHtxt Latest Low Price Exchange
The exchange or source of the price returned by L:LOW
See Appendix B: Universal Pricing Exchange codes

L:LOWGBP Latest Low Price in GBP
The price returned by L:LOW converted to British Pounds using the London close spot mid-rate for the date of the latest low.

L:LOWISO Latest Low Price Currency Code
ISO Currency code of the price returned by L:LOW

L:LOWUSD Latest Low Price in USD
The price returned by L:LOW converted to US Dollar using the London close spot mid-rate for the date of the latest low.

L:MID Latest Mid Price
The latest mid regardless of the date(s) you specify.

L:MIDADAT Latest Mid Price Amendment Date
Date of the price returned by L:MID

L:MIDCOQtxt Latest Mid Price Country of Quotation
Country of Quotation of the price returned by L:MID
See Appendix A: Country Codes

L:MIDCURR Latest Mid Price Currency
Currency description like United States Dollar of the price returned by L:MID

L:MIDEUR Latest Mid Price in EUR
The price returned by L:MID converted to Euros using the London close spot mid-rate for the date of the latest mid.

L:MIDEXCHtxt Latest Mid Price Exchange
The exchange or source of the price returned by L:MID
See Appendix B: Universal Pricing Exchange codes

L:MIDGBP Latest Mid Price in GBP
The price returned by L:MID converted to British Pounds using the London close spot mid-rate for the date of the latest mid.

L:MIDISO Latest Mid Price Currency Code
ISO Currency code of the price returned by L:MID

L:MIDUSD Latest Mid Price in USD
The price returned by L:MID converted to US Dollar using the London close spot mid-rate for the date of the latest mid.

L:OPEN Latest Open Price
The latest open regardless of the date(s) you specify.

L:OPENADAT Latest Open Price Amendment Date
Date of the price returned by L:OPEN

L:OPENCOQtxt Latest Open Price Country of Quotation
Country of Quotation of the price returned by L:OPEN
See Appendix A: Country Codes

L:OPENCURR Latest Open Price Currency
Currency description like United States Dollar of the price returned by L:OPEN

L:OPENEUR Latest Open Price in EUR

The price returned by L:OPEN converted to Euros using the London close spot mid-rate for the date of the latest open.

L:OPENEXCHtxt Latest Open Price Exchange

The exchange or source of the price returned by L:OPEN
See Appendix B: Universal Pricing Exchange codes

L:OPENGBP Latest Open Price in GBP

The price returned by L:OPEN converted to British Pounds using the London close spot mid-rate for the date of the latest open.

L:OPENISO Latest Open Price Currency Code

ISO Currency code of the price returned by L:OPEN

L:OPENUSD Latest Open Price in USD

The price returned by L:OPEN converted to US Dollar using the London close spot mid-rate for the date of the latest open.

L:PRC Latest Best Price/Evaluation

The latest best price/evaluation regardless of the date(s) you specify.

L:PRCADAT Latest Best Price/Evaluation Amendment Date

Date of the price returned by L:PRC

L:PRCCODE Latest Best Price/Evaluation Code

The type of price returned by L:PRC
See Appendix H: itemNote

L:PRCCOQtxt Latest Best Price/Evaluation Country of Quotation

Country of Quotation of the price returned by L:PRC
See Appendix A: Country Codes

L:PRCCURR Latest Best Price/Evaluation Currency

Currency description like United States Dollar of the price returned by L:PRC

L:PRCEUR Latest Best Price/Evaluation in EUR

The price returned by L:PRC converted to Euros using the London close spot mid-rate for the date of the latest best price/evaluation.

L:PRCEXCHtxt Latest Best Price/Evaluation Exchange

The exchange or source of the price returned by L:PRC
See Appendix B: Universal Pricing Exchange codes

L:PRCGBP Latest Best Price/Evaluation in GBP

The price returned by L:PRC converted to British Pounds using the London close spot mid-rate for the date of the latest best price/evaluation.

L:PRCISO Latest Best Price/Evaluation Currency Code
ISO Currency code of the price returned by L:PRC

L:PRCNOTE Latest Best Price/Evaluation Note
The type of price returned by L:PRC
See Appendix H: itemNote

L:PRCUSD Latest Best Price/Evaluation in USD
The price returned by L:PRC converted to US Dollar using the London close spot mid-rate for the date of the latest best price/evaluation.

L:SHADJ Latest Per Share Adjustment Factor
The type of price returned by L:SHPRC
See Appendix H: itemNote

L:SHADJADAT Latest Per Share Adjustment Factor Amendment Date
Date of L:SHADJ

L:SHASK Latest Per Share Asked Price
The latest ask per share regardless of the date(s) you specify.

L:SHASKADAT Latest Per Share Asked Price Amendment Date
Date of the price returned by L:SHASK

L:SHASKCOQtxt Latest Per Share Asked Price Country of Quotation
Country of Quotation of the price returned by L:SHASK
See Appendix A: Country Codes

L:SHASKCURR Latest Per Share Asked Price Currency
Currency description like United States Dollar of the price returned by L:SHASK

L:SHASKEUR Latest Per Share Asked Price in EUR
The price returned by L:SHASK converted to Euros using the London close spot mid-rate for the date of the latest ask.

L:SHASKEXCHtxt Latest Per Share Asked Price Exchange
See Appendix B: Universal Pricing Exchange codes

L:SHASKGBP Latest Per Share Asked Price in GBP
The price returned by L:SHASK converted to British Pounds using the London close spot mid-rate for the date of the latest ask.

L:SHASKISO Latest Per Share Asked Price Currency Code
ISO Currency code of the price returned by L:SHASK

L:SHASKUSD Latest Per Share Asked Price in USD
The price returned by L:SHASK converted to US Dollar using the London close spot mid-rate for the date of the latest ask.

L:SHBID Latest Per Share Bid Price
The latest bid per share regardless of the date(s) you specify.

L:SHBIDADAT Latest Per Share Bid Price Amendment Date
Date of the price returned by L:SHBID

L:SHBIDCOQtxt Latest Per Share Bid Price Country of Quotation
Country of Quotation of the price returned by L:SHBID
See Appendix A: Country Codes

L:SHBIDCURR Latest Per Share Bid Price Currency
Currency description like United States Dollar of the price returned by L:SHBID

L:SHBIDEUR Latest Per Share Bid Price in EUR
The price returned by L:SHBID converted to Euros using the London close spot mid-rate for the date of the latest bid.

L:SHBIDEXCHtxt Latest Per Share Bid Price Exchange
The exchange or source of the price returned by L:SHASK
See Appendix B: Universal Pricing Exchange codes

L:SHBIDGBP Latest Per Share Bid Price in GBP
The price returned by L:SHBID converted to British Pounds using the London close spot mid-rate for the date of the latest bid.

L:SHBIDISO Latest Per Share Bid Price Currency Code
ISO Currency code of the price returned by L:SHBID

L:SHBIDUSD Latest Per Share Bid Price in USD
The price returned by L:SHBID converted to US Dollar using the London close spot mid-rate for the date of the latest bid.

L:SHEPRC Latest Per Share Primary Exchange Trade Price
The latest trade/close per share regardless of the date(s) you specify.

L:SHEPRCADAT Latest Per Share Primary Exchange Trade Price Amendment Date
Date of the price returned by L:SHEPRC

L:SHEPRCCOQtxt Latest Per Share Primary Exchange Trade Price Ctry of Quot'n
Country of Quotation of the price returned by L:SHEPRC
See Appendix A: Country Codes

L:SHEPRCCURR Latest Per Share Primary Exchange Trade Price Currency
Currency description like United States Dollar of the price returned by L:SHEPRC

L:SHEPRCEUR Latest Per Share Exchange Trade Price in EUR
The price returned by L:SHEPRC converted to Euros using the London close spot mid-rate for the date of the latest trade/close.

L:SHEPRCEXCHtxt Latest Per Share Primary Exchange Trade Price Exchange
The exchange or source of the price returned by L:SHEPRC
See Appendix B: Universal Pricing Exchange codes

L:SHEPRCGBP Latest Per Share Exchange Trade Price in GBP
The price returned by L:SHEPRC converted to British Pounds using the London close spot mid-rate for the date of the latest trade/close.

L:SHEPRCISO Latest Per Share Primary Exchange Trade Price Currency Code
ISO Currency code of the price returned by L:SHEPRC

L:SHEPRCUSD Latest Per Share Exchange Trade Price in USD
The price returned by L:SHEPRC converted to US Dollar using the London close spot mid-rate for the date of the latest trade/close.

L:SHHIGH Latest Per Share High Price
The latest high per share regardless of the date(s) you specify.

L:SHHIGHADAT Latest Per Share High Price Amendment Date
Date of the price returned by L:SHHIGH

L:SHHIGHCOQtxt Latest Per Share High Price Country of Quotation
Country of Quotation of the price returned by L:SHHIGH
See Appendix A: Country Codes

L:SHHIGHCURR Latest Per Share High Price Currency
Currency description like United States Dollar of the price returned by L:SHHIGH

L:SHHIGHEUR Latest Per Share High Price in EUR
The price returned by L:SHHIGH converted to Euros using the London close spot mid-rate for the date of the latest high

L:SHHIGHEXCHtxt Latest Per Share High Price Exchange
The exchange or source of the price returned by L:SHHIGH
See Appendix B: Universal Pricing Exchange codes

L:SHHIGHGBP Latest Per Share High Price in GBP
The price returned by L:SHHIGH converted to British Pounds using the London close spot mid-rate for the date of the latest high.

L:SHHIGHISO Latest Per Share High Price Currency Code
ISO Currency code of the price returned by L:SHHIGH

L:SHHIGHUSD Latest Per Share High Price in USD
The price returned by L:SHHIGH converted to US Dollar using the London close spot mid-rate for the date of the latest high.

L:SHLOW Latest Per Share Low Price
The latest low per share regardless of the date(s) you specify.

L:SHLOWADAT Latest Per Share Low Price Amendment Date
Date of the price returned by L:SHLOW

L:SHLOWCOQtxt Latest Per Share Low Price Country of Quotation
Country of Quotation of the price returned by L:SHLOW
See Appendix A: Country Codes

L:SHLOWCURR Latest Per Share Low Price Currency
Currency description like United States Dollar of the price returned by L:SHLOW

L:SHLOWEUR Latest Per Share Low Price in EUR
The price returned by L:SHLOW converted to Euros using the London close spot mid-rate for the date of the latest low.

L:SHLOWEXCHtxt Latest Per Share Low Price Exchange
The exchange or source of the price returned by L:SHLOW
See Appendix B: Universal Pricing Exchange codes

L:SHLOWGBP Latest Per Share Low Price in GBP
The price returned by L:SHLOW converted to British Pounds using the London close spot mid-rate for the date of the latest low.

L:SHLOWISO Latest Per Share Low Price Currency Code
ISO Currency code of the price returned by L:SHLOW

L:SHLOWUSD Latest Per Share Low Price in USD
The price returned by L:SHLOW converted to US Dollar using the London close spot mid-rate for the date of the latest low.

L:SHMID Latest Per Share Mid Price
The latest mid per share regardless of the date(s) you specify.

L:SHMIDADAT Latest Per Share Mid Price Amendment Date
Date of the price returned by L:SHMID

L:SHMIDCOQtxt Latest Per Share Mid Price Country of Quotation
Country of Quotation of the price returned by L:SHMID
See Appendix A: Country Codes

L:SHMIDCURR Latest Per Share Mid Price Currency
Currency description like United States Dollar of the price returned by L:SHMID

L:SHMIDEUR Latest Per Share Mid Price in EUR
The price returned by L:SHMID converted to Euros using the London close spot mid-rate for the date of the latest mid.

L:SHMIDEXCHtxt Latest Per Share Mid Price Exchange
The exchange or source of the price returned by L:SHMID
See Appendix B: Universal Pricing Exchange codes

L:SHOPENCOQtxt Latest Per Share Open Price Country of Quotation
Country of Quotation of the price returned by L:SHMID
See Appendix A: Country Codes

L:SHOPENEXCHtxt Latest Per Share Open Price Exchange
The exchange or source of the price returned by L:SHMID
See Appendix B: Universal Pricing Exchange codes

L:SHMIDGBP Latest Per Share Mid Price in GBP
The price returned by L:SHMID converted to British Pounds using the London close spot mid-rate for the date of the latest mid.

L:SHMIDISO Latest Per Share Mid Price Currency Code
ISO Currency code of the price returned by L:SHMID

L:SHMIDUSD Latest Per Share Mid Price in USD
The price returned by L:SHMID converted to US Dollar using the London close spot mid-rate for the date of the latest mid.

L:SHOPEN Latest Per Share Open Price
The latest open per share regardless of the date(s) you specify.

L:SHOPENADAT Latest Per Share Open Price Amendment Date
Date of the price returned by L:SHOPEN

L:SHOPENCURR Latest Per Share Open Price Currency
Currency description like United States Dollar of the price returned by L:SHOPEN

L:SHOPENEUR Latest Per Share Open Price in EUR
The price returned by L:SHOPEN converted to Euros using the London close spot mid-rate for the date of the latest open.

L:SHOPENGBP Latest Per Share Open Price in GBP
The price returned by L:SHOPEN converted to British Pounds using the London close spot mid-rate for the date of the latest open.

L:SHOPENISO Latest Per Share Open Price Currency Code
ISO Currency code of the price returned by L:SHOPEN

L:SHOPENUSD Latest Per Share Open Price in USD
The price returned by L:SHOPEN converted to US Dollar using the London close spot mid-rate for the date of the latest open.

L:SHPRC Latest Per Share Best Price/Evaluation
The latest best price/evaluation per share regardless of the date(s) you specify.

L:SHPRCADAT Latest Per Share Best Price/Evaluation Amendment Date
Date of the price returned by L:SHPRC

L:SHPRCCODE Latest Per Share Best Price/Evaluation Code
The type of price returned by L:SHPRC
See Appendix H: itemNote

L:SHPRCCOQtxt Latest Per Share Best Price/Evaluation Country of Quotation
Country of Quotation of the price returned by L:SHPRC
See Appendix A: Country Codes

L:SHPRCCURR Latest Per Share Best Price/Evaluation Currency
Currency description like United States Dollar of the price returned by L:SHPRC

L:SHPRCEUR Latest Per Share Best Price/Evaluation in EUR
The price returned by L:SHPRC converted to Euros using the London close spot mid-rate for the date of the latest best price/evaluation.

L:SHPRCEXCHtxt Latest Per Share Best Price/Evaluation Exchange
The exchange or source of the price returned by L:SHPRC
See Appendix B: Universal Pricing Exchange codes

L:SHPRCGBP Latest Per Share Best Price/Evaluation in GBP
The price returned by L:SHPRC converted to British Pounds using the London close spot mid-rate for the date of the latest best price/evaluation.

L:SHPRCISO Latest Per Share Best Price/Evaluation Currency Code
ISO Currency code of the price returned by L:SHPRC

L:SHPRCNOTE Latest Per Share Best Price/Evaluation Note
The type of price returned by L:SHPRC
See Appendix H: itemNote

L:SHPRCUSD Latest Per Share Best Price/Evaluation in USD
The price returned by L:SHPRC converted to US Dollar using the London close spot mid-rate for the date of the latest best price/evaluation.

L:SHTPRC Latest Per Share Close/Composite Trade Price
The latest trade/close per share regardless of the date(s) you specify.

L:SHTPRCADAT Latest Per Share Close/Composite Trade Price Amendment Date
Date of the price returned by L:SHTPRC

L:SHTPRCCOQtxt Latest Per Share Composite Trade Price Country of Quotation
Country of Quotation of the price returned by L:SHTPRC
See Appendix A: Country Codes

L:SHTPRCCURR Latest Per Share Close/Composite Trade Price Currency
Currency description like United States Dollar of the price returned by L:SHTPRC

L:SHTPRCEUR Latest Per Share Close/Composite Price in EUR
The price returned by L:SHTPRC converted to Euros using the London close spot mid-rate for the date of the latest trade/close.

L:SHTPRCEXCHtxt Latest Per Share Composite Trade Price Exchange
The exchange or source of the price returned by L:SHTPRC
See Appendix A: Country Codes

L:SHTPRCGBP Latest Per Share Close/Composite Price in GBP
The price returned by L:SHTPRC converted to British Pounds using the London close spot mid-rate for the date of the latest trade/close.

L:SHTPRCISO Latest Per Share Close/Composite Trade Price Currency Code
ISO Currency code of the price returned by L:SHTPRC

L:SHTPRCUSD Latest Per Share Close/Composite Price in USD
The price returned by L:SHTPRC converted to US Dollar using the London close spot mid-rate for the date of the latest trade/close.

L:SHVOL Latest Per Share Volume
The latest volume per share regardless of the date(s) you specify.

L:SHVOLADAT Latest Per Share Volume Amendment Date
Date of the price returned by L:SHVOL

L:TPRC Latest Close/Composite Trade Price
The latest trade/close regardless of the date(s) you specify.

L:TPRCADAT Latest Close/Composite Trade Price Amendment Date
Date of the price returned by L:TPRC

L:TPRCCOQtxt Latest Composite Trade Price Country of Quotation
Country of Quotation of the price returned by L:TPRC
See Appendix A: Country Codes

L:TPRCCURR Latest Close/Composite Trade Price Currency

Currency description like United States Dollar of the price returned by L:TPRC

L:TPRCEUR Latest Close/Composite Trade Price in EUR

The price returned by L:TPRC converted to Euros using the London close spot mid-rate for the date of the latest trade/close.

L:TPRCEXCHtxt Latest Composite Trade Price Exchange

The exchange or source of the price returned by L:TPRC

See Appendix B: Universal Pricing Exchange codes

L:TPRCGBP Latest Close/Composite Trade Price in GBP

The price returned by L:TPRC converted to British Pounds using the London close spot mid-rate for the date of the latest trade/close.

L:TPRCISO Latest Close/Composite Trade Price Currency Code

ISO Currency code of the price returned by L:TPRC

L:TPRCUSD Latest Close/Composite Trade Price in USD

The price returned by L:TPRC converted to US Dollar using the London close spot mid-rate for the date of the latest trade/close.

L:VOL Latest Volume

The latest volume regardless of the date(s) you specify.

L:VOLADAT Latest Volume Amendment Date

Date of the price returned by L:VOL

LCDR2txt Letter of Credit Data Record

LCDR2txt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Letter of Credit Type	Specifies the type of liquidity facility	See code table below
2. Bank	The liquidity facility provider.	Not applicable
3. Exp. Date	The liquidity facility expiration date.	Not applicable
4. Percentage	The Letter of Credit Bank's percent of liability of the stated amount of the Letter of Credit.	Not applicable

Letter of Credit Type

Code	Description
BLC	Back-up LOC
CLC	Confirming LOC
CLL	Collateralized LOC
GIC	Investment Agreement/GIC
GLC	Guaranty LOC
GTD	Guaranteed By
ILC	Indirect LOC

IND	Indemnity Insurance
INL	Insured LOC
LIN	Line of Credit
LIQ	Liquidity Facility
LOC	Letter of Credit
PLC	Put Letter of Credit
SBL	Stand-By Letter of Credit
SPA	Stand-By Purchase Agreement
SYB	Surety Board

LCPN Last Payment Date

The date of the last payment prior to maturity for an interestbearing security. Since the prospectus does not provide this date, it is estimated using other data elements. This date, available on a limited basis, is **not** returned for a perpetual security or when payments are made only at maturity. Please note that this item is **not** adjusted for non-business days.

LEI Legal Entity Identifier

The Legal Entity Identifier is a standardized twenty-character code issued to identify an organization involved in a financial transaction.

LFACTS Leverage Factor

The Leverage Factor Sign indicates whether a fund is positively (blank) or inversely (-) leveraged.

LIQINV Involuntary Liquidation Value per Share

Indicates the price that a preferred stockholder is entitled to receive in the event that the corporation is liquidated as a result of bankruptcy. The actual amount paid out may be less depending on the remaining amount of assets of the issuer.

LIQUIDITYPERREC Liquidity % Record

LIQUIDITYPERREC is a record item which returns the following fields

Field Description	Code table notes
Liquidity % of security vs. overall market	Not applicable
Liquidity % of security vs. asset type	Not applicable
Liquidity % of security vs. sector	Not applicable
Liquidity % of security vs. issuer	Not applicable
Liquidity % of security vs. bonds with similar duration	Not applicable
Liquidity % of security vs. bonds with similar YTM	Not applicable
Liquidity % of security vs. bonds with similar AMTO	Not applicable
Volatility projection for the next day	Not applicable
Projected trade volume capacity	Not applicable

Liquidity ratio	Not applicable
Projected time weighted volume	Not applicable

LIQUIDITYPOINTREC Liquidity Record

LIQUIDITYPOINTREC is a record item which returns the following fields

Field Description	Code table notes
Liquidity of security vs. overall market	Not applicable
Liquidity of security vs. asset type	Not applicable
Liquidity of security vs. sector	Not applicable
Liquidity of security vs. issuer	Not applicable
Liquidity of security vs. bonds with similar duration	Not applicable
Liquidity of security vs. bonds with similar YTM	Not applicable
Liquidity of security vs. bonds with similar AMTO	Not applicable
Volatility projection for the next day	Not applicable
Projected trade volume capacity	Not applicable
Liquidity ratio	Not applicable
Projected time weighted volume	Not applicable

LIQVOL Voluntary Liquidation Value per Share

The price that a preferred stockholder is entitled to receive in the event that the corporation is liquidated voluntarily while it is solvent. This price is sometimes stated explicitly in the prospectus. Blank indicates either that no voluntary liquidation value was stated or that the voluntary liquidation value would be equal to the call price in effect at the time of the liquidation.

LISTASK Listed Asked Price

The listed ask regardless of the date(s) you specify.

LISTASKADAT Listed Asked Price Amendment Date

Date of the price returned by LISTASK

LISTASKCOQtxt Listed Ask Price Country of Quotation

Country of Quotation of the price returned by LISTASK
See Appendix A: Country Codes

LISTASKCURR Listed Asked Price Currency

Currency description like United States Dollar of the price returned by LISTASK

LISTASKEUR Listed Asked Price in EUR

The price returned by LISTASK converted to Euros using the London close spot mid-rate for the date of the listed ask.

LISTASKEXCHtxtListed Ask Price Exchange
The exchange or source of the price returned by LISTASK
See Appendix B: Universal Pricing Exchange codes

LISTASKGBP Listed Asked Price in GBP
The price returned by LISTASK converted to British Pounds using the London close spot mid-rate for the date of the listed ask.

LISTASKISO Listed Asked Price Currency Code
ISO Currency code of the price returned by LISTASK

LISTASKUSD Listed Asked Price in USD
The price returned by LISTASK converted to US Dollar using the London close spot mid-rate for the date of the listed ask.

LISTBID Listed Bid Price
The listed bid regardless of the date(s) you specify.

LISTBIDADAT Listed Bid Price Amendment Date
Date of the price returned by LISTBID

LISTBIDCOQtxt Listed Bid Price Country of Quotation
Country of Quotation of the price returned by LISTBID
See Appendix A: Country Codes

LISTBIDCURR Listed Bid Price Currency
Currency description like United States Dollar of the price returned by LISTBID

LISTBIDEUR Listed Bid Price in EUR
The price returned by LISTBID converted to Euros using the London close spot mid-rate for the date of the listed bid.

LISTBIDEXCHtxt Listed Bid Price Exchange
The exchange or source of the price returned by LISTBID
See Appendix B: Universal Pricing Exchange codes

LISTBIDGBP Listed Bid Price in GBP
The price returned by LISTBID converted to British Pounds using the London close spot mid-rate for the date of the listed bid.

LISTBIDISO Listed Bid Price Currency Code
ISO Currency code of the price returned by LISTBID

LISTBIDUSD Listed Bid Price in USD
The price returned by LISTBID converted to US Dollar using the London close spot mid-rate for the date of the listed bid.

LMOF Realized Losses of Principal Per 1000 of Original Face
Denotes the value of the realized principal losses. Realized principal losses are incurred when defaults occur on underlying mortgages. Although the defaults result in a reduction in the principal value of the tranche, partial or no principal payment is made to the holder for the current period.

LO52 Low Price - Past 52 Weeks
The lowest low price from the most recent trading date back to 52 weeks ago, or less than 52 weeks for newly issued securities.

LO52ADAT Low Price - Past 52 Weeks Amendment Date
Date of LO52

LOW Low Price
The exchange listed low

LOWADAT Low Price Amendment Date
Date of the price returned by LOW

LOWCOQtxt Low Price Country of Quotation
Country of Quotation of the price returned by LOW
See Appendix A: Country Codes

LOWCURR Low Price Currency
Currency description like United States Dollar of the price returned by LOW

LOWEUR Low Price in EUR
The price returned by LOW converted to Euros using the London close spot mid-rate for the date of the low.

LOWEX2 2nd Exch Low Price
Returns the low from the secondary exchange for dually listed German and Indian securities.

LOWEX2ADAT 2nd Exch Low Price Amendment Date
Date of the low returned by LOWEX2.

LOWEX2COQtxt 2nd Exch Low Price Country of Quotation
Country of Quotation of the price returned by LOWEX2
See Appendix A: Country Codes

LOWEX2CURR 2nd Exch Low Price Currency
Currency description like United States Dollar of the price returned by LOWEX2

LOWEX2EUR 2nd Exch Low Price in EUR
The price returned by LOWEX2 converted to Euros using the London close spot mid-rate for the date of the low.

LOWEX2EXCHtxt 2nd Exch Low Price Exchange
The exchange or source of the price returned by LOWEX2

See Appendix B: Universal Pricing Exchange codes

LOWEX2GBP 2nd Exch Low Price in GBP
The price returned by LOWEX2 converted to British Pounds using the London close spot mid-rate for the date of the low.

LOWEX2ISO 2nd Exch Low Price Currency Code
ISO Currency code of the price returned by LOWEX2

LOWEX2USD 2nd Exch Low Price in USD
The price returned by LOWEX2 converted to US Dollar using the London close spot mid-rate for the date of the low.

LOWEXCHtxt Low Price Exchange
The exchange or source of the price returned by LOW
See Appendix B: Universal Pricing Exchange codes

LOWGBP Low Price in GBP
The price returned by LOW converted to British Pounds using the London close spot mid-rate for the date of the low.

LOWISO Low Price Currency Code
ISO Currency code of the price returned by LOW

LOWUSD Low Price in USD
The price returned by LOW converted to US Dollar using the London close spot mid-rate for the date of the low.

LS1 Conversion Period Start Date
The first date on which conversion rights may be exercised.

LS2 Conversion Period End Date
The last date on which conversion rights may be exercised.

LS3 Amendment Date for Items LS1-LS2
The date LS1 or LS2 were last updated.

LS4 Conversion Number
A three-digit number which provides a unique reference to each individual event. The number will increase in increments of one with each new conversion situation.

LS5 Resultant/Underlying Security 2
It indicates the underlying asset into which the instrument is ultimately convertible. Where this is part of a single or recurrent conversion opportunity, this is the next and only resultant asset shown.

MANREDtxt Special Mandatory Redemption
The Special Mandatory Redemption Code, available for municipal securities, identifies the circumstances under which the issuer is required to redeem the bonds.

Code	Description
CB	Combination of Various Sources
CD	Expiration of Credit Facility
CP	Completion of Project
CV	Upon Conversion to Different Mode
DG	Ratings Downgrade
EF	Excess Funds
EX	Expiration of Letter of Credit
FN	FNMA Proceeds
GN	GNMA Proceeds
GR	State/U.S. Government Grant
IA	Interest Adjustment Date
IE	Investment Earnings
IP	Insurance Proceeds
IR	Investment Redemption
LP	Loan Prepayments
ME	No Mortgage Endorsement
NC	Non-completion of Project
NS	Source not Specified
RP	Reduction of Principal Amount
SF	Sale/Purchase of Asset
SR	After SR Bonds Paid Off
TM	Less than $10,000,000 Outstanding
UP	Unexpended Bond Proceeds

MATPTtxt Maturity Price Type

The Maturity Price Type indicates whether the maturity price for the security is linked to the performance of an instrument or indicator (**I**) or a fixed maturity price (**F**). The cash redemption can be at maturity or whenever the issue is called.

Code	Description
I	Maturity price linked to the performance of an instrument or indicator
F	Fixed maturity price

MATTtxt Maturity Type

The Maturity Type identifies the type of maturity for U.S./Canadian corporate and government fixed income securities.

Code	Description
A	Regular - Issue has a maturity date that cannot be changed
B	Extendible on a Set Schedule - Issue's maturity may be extended based on a schedule as stipulated in the prospectus
C	Extendible after First Date at Issuer's Option - Issue's maturity may be extended at the issuer's option after the initial coupon reset period, generally at 1, 3 or 5 years

D	Perpetual - Issue has no maturity date

MAXFRN Floating Rate Note Maximum Rate

The maximum interest rate for floating rate securities, expressed as a percentage.

MBSADJ MBS Roll Adjustment Factor

Returns the MBS roll adjustment factor.

MBSADJADAT MBS Roll Adjustment Factor Amendment Date

Date of MBSADJ

MBSTYPEtxt MBS Type

Use to categorize Mortgage-Backed Security features.

Code	Description
1	CMBS
2	Mixed MBS
3	MBS - Other
4	RMBS
5	Unknown
6	Whole Loan

MCDT Mandatory Call Date

The date on which a called bond is scheduled for redemption.

MCTtxt Mandatory Call Type

The Mandatory Call Type indicates the type(s) of investments available to an issuer in satisfying a mandatory call.

Code	Description
C	Mandatory call exclusively into cash
S	Mandatory call exclusively into security
A	Mandatory call into cash and security(ies)
O	Mandatory call into cash or security(ies)
Z	Other situation

MDAT Maturity/Termination/Expiration Date

The date on which the issue becomes due, payable, or expires.

MDATCUT Maturity Rate Cut-off Period in Days

Indicates the number of business days before the maturity date that the current rate will freeze.

METtxt Multiple Escrow Type Data Record

METtxt is a record item which returns the following fields

Field Description	Description	Code table notes

1. Escrow Obligation Type	Identifies the type of securities invested in the escrow fund.	See code table below
2. Escrow Obligation Percent	Identifies the percentage of the escrow fund that is invested in the escrow type.	Not applicable
3. Escrow Obligation Agent	The entity responsible for handling the issuer's escrow account for escrowed and refunded bonds.	See AUCTIONtxt

Escrow Obligation Type

Code	Description
A	Secured in U.S. Government Securities
B	Slugs
C	Bank CD
D	FICO Obligations
E	REFCORP/FICO Obligations
F	FNMA Securities
G	GNMA Securities
H	SLGS/Open Market Treasuries
J	GIC
K	Cash
L	FHLB
M	FHLMC
N	FFCB Obligations
O	Other Escrow
R	REFCORP Obligations
S	US Agency for Intl Dev - State of Israel Bonds
U	U.S. Treasury Securities

MFAV Average Maturity (Money Market Mutual Fund)

MFAV is the average maturity, in days, of the securities held by the money market mutual fund.

MFAY Yield, 7 Day Annualized (Money Market Mutual Fund)

The compounded annualized rate of return based on the current seven-day average yield, including dividend reinvestment.

MFCY Current Yield, 7 Day Average (Money Market Mutual Fund)

The average yield of the fund over the past seven days. This yield assumes no reinvestment of dividends.

MFTF Total Assets (Money Market Mutual Fund)

The value of all securities constituting the fund.

MFCDtxt Fund Category (Money Market Mutual Fund)

MFCD is a code defining the fund category

Code	Description
A	General Purpose Fund

G	Government Securities Fund
X	Tax-Exempt Fund

MICREC MIC Code Record

MICREC is a record item which returns the following fields.

Field Description	Description
1. MIC	Identifies the MIC code of the exchange on which the security is quoted. Please refer to the ISO website for the list of MIC codes https://www.iso20022.org/10383/iso-10383-market-identifier-codes
2. SEDOL	SEDOL associated with the security and MIC code
3. IDII	IDII code associated with the security and MIC code

MID Mid Price

The exchange listed MID.

MIDADAT Mid Price Amendment Date

Date of the price returned by MID

MIDCOQtxt Mid Price Country of Quotation

Country of Quotation of the price returned by MID
See Appendix A: Country Codes

MIDCURR Mid Price Currency

Currency description like United States Dollar of the price returned by MID

MIDEUR Mid Price in EUR

The price returned by MID converted to Euros using the London close spot mid-rate for the date of the MID.

MIDEX2 2nd Exch Mid Price

Returns the MID from the secondary exchange for dually listed German and Indian securities.

MIDEX2ADAT 2nd Exch Mid Price Amendment Date

Date of the MID returned by MIDEX2.

MIDEX2COQtxt 2nd Exch Mid Price Country of Quotation

Country of Quotation of the price returned by MIDEX2
See Appendix A: Country Codes

MIDEX2CURR 2nd Exch Mid Price Currency

Currency description like United States Dollar of the price returned by MIDEX2

MIDEX2EUR 2nd Exch Mid Price in EUR

The price returned by MIDEX2 converted to Euros using the London close spot mid-rate for the date of the MID.

MIDEX2EXCHtxt 2nd Exch Mid Price Exchange
The exchange or source of the price returned by MIDEX2
See Appendix B: Universal Pricing Exchange codes

MIDEX2GBP 2nd Exch Mid Price in GBP
The price returned by MIDEX2 converted to British Pounds using the London close spot mid-rate for the date of the MID.

MIDEX2ISO 2nd Exch Mid Price Currency Code
ISO Currency code of the price returned by MIDEX2

MIDEX2USD 2nd Exch Mid Price in USD
The price returned by MIDEX2 converted to US Dollar using the London close spot mid-rate for the date of the MID.

MIDEXCHtxt Mid Price Exchange
The exchange or source of the price returned by MID
See Appendix B: Universal Pricing Exchange codes

MIDGBP Mid Price in GBP
The price returned by MID converted to British Pounds using the London close spot mid-rate for the date of the MID.

MIDISO Mid Price Currency Code
ISO Currency code of the price returned by MID

MIDUSD Mid Price in USD
The price returned by MID converted to US Dollar using the London close spot mid-rate for the date of the MID.

MINPP Minimum Purchase: Primary
Represents the minimum face value of a bond required for initial purchase in the primary market.

MINPS Minimum Purchase: Secondary
Represents the minimum par value of a bond required for purchase or sale in the secondary market.

MMBR Bid Rate
Daily rate for the bid side of the market for money markets.

MMBY Money Market Equivalent Yield
Provides the money market equivalent yield for a security type which is normally traded on a discount basis.

MMCP Mandatory Call Price
The price at which a security will be redeemed.

MMOR Offer Rate

Daily rate for the offer side of the market for money markets.

MMRC Average/Bid/Offer Rate

If both Bid Rate (item MMBR) and Offer Rate (item MMOR) are available, MMRC returns the average. If only one side of the market is quoted, MMRC returns that rate.

MMRItxt Money Market Rate Information

Provides additional information about the rate
Note: only applicable for money market identifiers prefixed by "MM:"

Code	Description
A	Posted rate
B	Market rate
C	Closing rate
D	Opening rate
AC	Posted closing rate
AD	Posted opening rate
BC	Closing market rate
BD	Opening market rate

MODDUR Modified Duration

Measures the average cash-weighted term to maturity of a bond

MODDURADAT Modified Duration Date

Date of MODDUR

MOMKtxt Margin Over Marker

The Margin over Marker is the interbank rate or given money-market rate above (or below) which the margin rate as indicated in BRMK (Base Rate Marker) is set.

Code	Description
	Not applicable/available
001	Offered
002	Mean of bid/offered
003	Bid
004	Rolling
005	Dependent on government bonds
006	Treasury bonds money-market yield
007	Hedged rate
008	The higher of bid, mean of bid/offered, or offered
009	Mean of domestic bearer bonds
010	Mean of bank bill rate
011	Mean of long-term yen (JPY) prime rate
012	Mean of treasury bonds and Instituto di Credito Mobiliare bonds

013	Average of monthly 13-week TMB
014	Average of weekly fixed interest treasury bond auction
015	Mean of last 12 TME rates for period ending 31 December preceding each maturity
016	Average of previous 5 state loan weekly interest rates
017	Product of 1.15 and LIBOR
018	International Swap Dealers Association Rate
019	Mean of 5 year yen (JPY) (payable semi-annually, bid side), against 6 month yen LIBOR
020	British Bankers Association Rate
021	Average yield of the index of Government bonds with less than 3 years to maturity
022	Twice the mean of bank bill rate
023	1/10 of mean offered rate
024	Product of U.S. Treasury bond yield minus 0.5% minus LIBOR; U.S. dollars 7725; yen (JPY)/U.S. dollars (USD) exchange rate
025	Average yield of 1 year Treasury Bills
026	Mean of 6 months LIBID and annual net yield of first Credito Mobiliare bonds
027	Index of government bonds with life of less than 3 years
028	Average yield of 6-month Treasury bills (from 8/17/96)
029	Average yield of 3-month Treasury bills
031	LIBOR plus or minus a spread calculated by formula
032	Linked to CNO-TEC-10
042	25% less 2x PIBOR (plus: 16% less 2x PIBOR if PIBOR falls below 8%)
043	Calculated using a complex formula
046	1% above LIBOR, multiplied by 124.8127808 and divided by yen (JPY)/USD spot exchange rate
047	Bankers acceptances
080	10 year constant maturity treasury rate x 0.5
082	(LIBOR+20.5%)x(prop'n of accr days where LIBOR within range)
083	Less British Bankers Acceptances
084	Less mean of 6-month yen (JPY) long-term prime rate
085	Less offered rate
086	Less offered rate x actual/360
087	Less 1.5 x offered rate
088	Less 1.75 x offered rate
089	Less 1.85 x offered rate
090	Less 2 x offered rate
091	Less 2 x offered rate x actual/360
092	Less 2 x offered rate x 365/360
093	Less 3 x offered rate
094	Less 3 x offered rate x actual/360
095	5-Year Tokyo swap reference rate
096	Less offered rate x 365/360
097	Linked to currency exchange rate

999	New situation

MOOD Moody's Long-term Rating

The long-term rating assigned by Moody's Investors Service (Moody's).

MOODADAT Moody's Long-term Rating Effective Date

Date of MOOD

MOODS Moody's Short-term Rating

The short-term rating assigned by Moody's Investors Service (Moody's).

MOODSADAT Moody's Quality Short-term Rating Date

Date of MOODS

MORTINStxt Mortgage Insurance

Mortgage Insurance is the issuer of an insurance policy protecting the lender against loss if the borrower defaults.

Code	Description
1	GNMA
10	GEMICO
11	Foremost Guaranty Corporation
12	FMHA: Farmers Home Administration
13	Investors Mortgage Insurance
14	First Mortgage Insurance
15	Industrial Development Insurance
16	Other Mortgage Insurance
17	United Guarantee Resource Insurance
18	State of New York Mortgage Agency
19	FHLMC: Federal Home Loan Mortgage Corporation
2	FNMA
29	GNMA/FHA MTG Loans
3	FHA
30	Maryland Housing fund multifamily mortgage insurance
39	FHA Insured/VA Guaranteed
4	VEREX
40	REMIC
5	MGIC - Wisconsin Mortgage Assurance Corporation
55	FNMA/GNMA
6	TICOR
7	CIGNA
8	Private Mortgage Insurance
88	Multiple Insurers

9	VA
99	No Mortgage Insurance

MRGNtxt Margin Security Description

The Margin Security Code per Regulation T identifies whether an equity security is a “margin security” under Regulation T issued by the Board of Governors of the Federal Reserve System.

Code	Description
N	Not a margin security
Y	Margin security

MRPD Margin Recalculation Period

The number of days to which the interbank or money-market rate relates.

MSTYPtxt Municipal Supplemental Issue Type Code

The Supplemental Issue Type Code provides additional issue description for a municipal bond.

Code	Description
BABDP	Build America Bonds Direct Pay
BABTC	Build America Bonds Tax Credit
GREEN	Green Bonds
NCREB	New Clean Renewable Energy Bonds Tax Credit
NCRED	New Clean Renewable Energy Bonds Direct Pay
QECB	Qualified Energy Conservation Bonds Tax Credit
QECBD	Qualified Energy Conservation Bonds Direct Pay
QSCB	Qualified School Construction Bonds Tax Credit
QSCBD	Qualified School Construction Bonds Direct Pay
QZAB	Qualified Zone Academy Bonds Tax Credit
QZABD	Qualified Zone Academy Bonds Direct Pay
RZEDB	Recovery Zone Economic Development Build America Bonds Direct Pay
RZFB	Recovery Zone Facilities Bonds
TEDB	Tribal Economic Development Bonds

MTDT Mandatory Tender Date

The first date that a bond is subject to mandatory tender.

MTRT Mandatory Tender Rate (Usually Par)

The price expressed as a percentage of principal that a bondholder receives upon tender.

MWBMtxt Make Whole Benchmark

The Make Whole Benchmark indicates the benchmark used to determine the make whole amount to be received by the holder.

Code	Description
A	Comparable US Treasury

B	Fixed Yield
C	Canadian Bond Yield
Z	Unknown
UST	United States Treasury
AAAG	Comparable AAA General Obligations
CPI	Consumer Price Index
L10Y	10 Year Libor
L1M	1 Month Libor
L1Y	1 Year Libor
L3M	3 Month Libor
L6M	6 Month Libor
SIFM	SIFMA Municipal Swap Index

MV Market Value

The market value equals the closing price * shares outstanding / 1000.

MWEDT Make Whole End Date

The last date on which the bond is available for tender under a make whole call provision. If the bond has more than one make whole call period, the Make Whole End Date will represent the end date for the current make whole call.

MWSP Make Whole Spread

The spread off the **Make Whole Benchmark** that is used to determine the amount to be received by the holder under the make whole provision.

MWYD Make Whole Yield

The amount of the make whole payment (expressed as a percentage) derived from a set formula based on the net present value of the future debt payments.

NACCDT Next Interest Ending Accrual Date

The final day of the upcoming accrual period.

NAIPtxt NAICS, Primary, Issuer-Level

The NAICS Code - Primary identifies the primary industry in which a corporation conducts business, as determined by the North American Industry Classification System.
See Appendix C: NAICS codes

NAIStxt NAICS, Secondary, Issuer-Level

Where a corporation conducts business in multiple industries, the NAICS Code - Secondary identifies the secondary industry in which the corporation operates, as determined by the Industry Classification System.
See Appendix C: NAICS codes

NAITtxt NAICS, Tertiary, Issuer-Level

Where a corporation conducts business in multiple industries, the NAICS Code - Tertiary identifies the tertiary industry in which the corporation operates, as determined by the North American Industry Classification System.
See Appendix C: NAICS codes

NASDtxt NASDAQ Market Tier

The NASDAQ Market Tier Code indicates to which NASDAQ market center a NASDAQ-priced security belongs. It is populated **only** if NASDAQ is designated as the EXCH (Exchange Code). For example, if a stock is dually-listed on both NYSE and NASDAQ, this item will not be populated. Over-the-counter securities, not listed on the NASDAQ Stock Market, LLC, are designated by codes “B” and “T”.

Code	Description
B	OTC Bulletin Board
C	NASDAQ Bond
G	NASDAQ Global Select Market
N	NASDAQ Global Market
S	NASDAQ Capital Market
T	Other OTC (OOTC)

NCVBDT Next Conversion Option Begin Date

The date on which the next set of conversion features goes into effect.

NCVEDT Next Conversion Option End Date

The last date on which the next set of conversion features may be exercised.

NEDA2txt Latest Entry/Revision Date Split/Dividend Record - Long

NEDA lets you access split/dividend data by specific security and entry or revision date.

NEDA2txt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Identifier	CUSIP, IDCCUSIP, or CINS	Not applicable
2. Entry/Rev. Date	The date the split or dividend record was entered in this database. If the record had a subsequent revision, the entry or latest revision date contains the date of the revision	Not applicable
3. Entry/Prev. Rev. Date	If there was a revision to the Entry/Rev. Date the previous Entry/Rev. Date is displayed here.	Not applicable
4. Ex-Date	Date on which the security’s opening market price reflects a deduction equal to the amount of the latest dividend. If the alternate payment type code is 21 (at close of business), the deduction of the dividend is reflected in the market price at the close of business. Buyers of stocks selling ex-dividend are not entitled to the dividend.	Not applicable
5. Prev. Ex-Date	If there was a revision to the Ex-Date the previous Ex-Date is displayed here.	Not applicable
6. Pay Type	describes the nature or type of dividend	See code table below

7. Prev. Pay Type	If there was a revision to the Pay Type the previous Pay Type is displayed here.	See Pay Type code table below
8. Alt. Pay Type	Provides information supplemental, or alternative, to the primary type code.	See code table below
9. Prev. Alt. Pay Type	If there was a revision to the Alt. Pay Type the previous Alt. Pay Type is displayed here.	See Alt. Pay Type code table below
10. Div. Amt.	Please refer to sub item 34 as it has increased precision over sub item 10.	Not applicable
11. Prev. Div. Amount	If there was a revision to Div. Amt. the previous Div. Amt. is displayed here.	Not applicable
12. Alt. Rate	Supplemental amount, where available, to the Dividend Amount/Rate.	Not applicable
13. Prev. Alt. Rate	If there was a revision to Alt. Rate the previous Alt. Rate is displayed here.	Not applicable
14. Alt. Rate Info.	A brief description of the data where available.	Not applicable
15. Descript. about Prev. Alt. Rate	If there was a revision to Alt. Rate Info the previous Alt. Rate Info is displayed here.	Not applicable
16. Record Date	A dividend or split shares are payable to holders of a stock on a declared record date, known as the holder-of-record date.	Not applicable
17. Prev. Record	If there was a revision to Record Date the previous Record Date is displayed here.	Not applicable
18. Pay Date	The date on which a dividend is to be paid to stockholders.	Not applicable
19. Prev. Pay Date	If there was a revision to Pay Date the previous Pay Date is displayed here.	Not applicable
20. Int. Flag	Internal Flag for internal use only	Not applicable
21. Int. Flag Prev.	Internal Flag for internal use only	Not applicable
22. Dec. Date	Date on which a corporation or fund declares a dividend or capitalization change.	Not applicable
23. Prev. Dec. Date	If there was a revision to Dec. Date the previous Dec. Date is displayed here.	Not applicable
24. Ann. Seq. Code	Internal identifier to identify the record. For each year, codes are assigned using the following algorithm: AAyy, AByy, ACyy,...AZyy, BAyy, BByy, BCyy,...BZyy, etc., where "yy" is the last two digits of the year of the original or previous record date. A revised announcement record keeps the same sequence code, even if the record date year is changed, and contains the previous and revised data.	Not applicable
25. Ann. Data Record Type	Identifies the type of announcement information the record contains.	See code table below
26. Pay Type	Describes the nature or type of dividend.	See Pay Type code table below
27. Prev. Pay Type	If there was a revision to Pay Type the previous Pay Type is displayed here.	See Pay Type code table below

28. Int. Flag	Internal Flag for internal use only	Not applicable
29 Int. Flag Prev.	Internal Flag for internal use only	Not applicable
30. Sup. Pay Type Code - 1st	Provides additional information on the type of split or dividend payment.	See Sup. Pay Type code table below
31. Orig. Sup. Type code - 1st	If there was a revision to Sup. Pay Type Code - 1st the previous Sup. Pay Type Code - 1st is displayed here.	See Sup. Pay Type code table below
32. Sup. Pay Type Code - 2nd	Provides additional information on the type of split or dividend payment.	See Sup. Pay Type code table below
33. Orig. Sup. Type code - 2nd	If there was a revision to Sup. Pay Type Code - 2nd the previous Sup. Pay Type Code - 2nd is displayed here.	See Sup. Pay Type code table below
34. Div Amt	Cash amount paid proportionally to stockholders, or an optional dividend, or security profits. The dividend amount/rate can also be the ratio of a stock split or stock dividend. For cash dividends the value is in dollars and cents; for stock dividends, a "factor" is returned (e.g., a 10 percent stock dividend returns a value of 1.10); for splits a "factor" is returned (e.g., a 2-for-1 split returns a value of 2.00, and a 1-for-2 reverse split returns .50).	Not applicable
35. Prev. Rate	If there was a revision to Div Amt the previous Div Amt is displayed here.	Not applicable
36. Currency	Identifies the currency of the dividend record.	See Appendix D: Currency codes
37. Prev. Currency	If there was a revision to Currency the previous Currency is displayed here.	See Appendix D: Currency codes
38. Tax Status	Identifies tax reporting requirements related to the dividend.	See code table below
39. Prev. Tax Status	If there was a revision to Tax Status the previous Tax Status is displayed here.	See Tax Status code table below
40. International Tax Treaty %	Identifies the tax rate on dividends to be paid by U.S. residents on dividends issued by non-U.S. companies.	Not applicable
41. Prev. Tax Treaty %	If there was a revision to International Tax Treaty % the previous International Tax Treaty % is displayed here.	Not applicable
42. Subject to Approval	Identifies whether a dividend or stock distribution is subject to shareholder and/or SEC approval	See code table below
43. Prev. Subject to Approval	If there was a revision to Subject to Approval the previous Subject to Approval is displayed here.	See Subject to Approval code table below
44. Close of Business/Div. Dec. Code	Available for mutual funds, identifies whether the Fund’s dividend is payable at the close or open of business, or whether it is declared daily.	See code table below
45. Prev. close of Business/Div. Dec Code	If there was a revision to Close of Business/Div. Dec. Code the previous Close of Business/Div. Dec. Code is displayed here.	See Close of Business code table below

46. UIT preliminary final announcement	Identifies whether a UIT dividend is preliminary or final.	See code table below
47. Prev. UIT	If there was a revision to UIT the previous UIT is displayed here.	See UIT preliminary final announcement code table below
48. Due bill on Date	The business day after the record date on which all physical security receipts/deliveries must be accompanied by a due bill. The due bill is a promissory note promising the bearer of the bill an amount of stock or cash distribution. It must be attached to the physical security when the security cannot be delivered in time for the buyer to have possession on the record date	Not applicable
49. Prev. due bill on Date	If there was a revision to Due bill on Date the previous Due bill on Date is displayed here.	Not applicable
50. Due bill off Date	Date on, or after, which presented due bills will be paid	Not applicable
51. Prev. due bill on off Date	If there was a revision to Due bill off Date the previous Due bill off Date is displayed here.	Not applicable
52. Spec. Fields	Provides information for announcements that cannot be completely explained with the other type codes. The data in the fields is defined based on kind of split or dividend indicated by the supplemental payment type code or the payment type code values.	See Appendix G: Specialized Field
53. Prev. Spec. Fields	If there was a revision to Prev. Spec. Fields the previous Prev. Spec. Fields is displayed here.	See Appendix G: Specialized Field
54. Qualified Div Tax Status	Identifies whether dividend information is potentially qualified for the lower maximum tax rate under the Jobs and Growth Tax Relief Reconciliation Act of 2003. Potentially qualified dividend income must also meet applicable investor holding period requirements to be qualified for the lower maximum tax rate.	See code table below
55. Prev. Qualified Tax Status	If there was a revision to Qualified Div Tax Status the previous Qualified Div Tax Status is displayed here.	See Qualified Div Tax Status code table below

Pay Type

Code	Description
0	No special code applies
000	No special code applies
001	Less Canadian taxes presently undetermined (revision later)
002	Less foreign taxes other than Canadian
003	Includes extra, special, participating dividends, arrears, and liquidations
004	Optional dividends
005	U.S. withholding income tax not required from non-residents

006	Initial cash dividends payable on increased shares after stock dividend or splits
007	Includes security profits and capital gains
008	Dividend rate presently unknown (revision later)
009	Foreign currency other than Canadian
010	Stock dividends
011	Stock splits
012	Issues called
013	Stock rights
015	Canadian funds subject to 15% non-resident tax
016	Canadian funds subject to 10% non-resident tax
017	U.S. funds subject to 15% Canadian non-resident tax
018	U.S. funds subject to 10% Canadian non-resident tax
019	Approximate dividend rate
020	Stock dividend in stock of another issue or company
021	Stock dividend on increased shares
022	Stock split on increased shares
023	Initial Canadian dividend on increased shares after stock dividend or split less 15% tax
024	Initial Canadian dividend on increased shares after stock dividend or split less 10% tax
030	Payment omitted
032	Reverse split
050	Special principal UIT
1	Less Canadian taxes presently undetermined (revision later)
10	Stock dividends
11	Stock splits
12	Issues called
13	Stock rights
15	Canadian funds subject to 15% non-resident tax
16	Canadian funds subject to 10% non-resident tax
17	U.S. funds subject to 15% Canadian non-resident tax
18	U.S. funds subject to 10% Canadian non-resident tax
19	Approximate dividend rate
2	Less foreign taxes other than Canadian
20	Stock dividend in stock of another issue or company
21	Stock dividend on increased shares
22	Stock split on increased shares
23	Initial Canadian dividend on increased shares after stock dividend or split less 15% tax
24	Initial Canadian dividend on increased shares after stock dividend or split less 10% tax
25	Stock dividend in more than two issues
3	Includes extra, special, participating dividends, arrears, and liquidations
30	Payment omitted
32	Reverse split

4	Optional dividends
40	Principal dividend - UIT
5	U.S. withholding income tax not required from non-residents
50	Special principal UIT
51	Special interest - UIT
6	Initial cash dividends payable on increased shares after stock dividend or splits
7	Includes security profits and capital gains
8	Dividend rate presently unknown (revision later)
9	Foreign currency other than Canadian

Alt. Pay Type

Code	Description
0	Normal cash payments
1	Short pay period
2	Long pay period
3	Includes principal, capital gains, return of capital, liquidations, or unscheduled UIT principal payments.
4	Includes dividend arrears
5	Includes year-end, extra, special, and participating dividends, proceeds from sale, or redemption of rights
6	Includes optional dividends or fractions in cash (stock splits, stock of other company issue, stock on increased shares)
7	Distribution of warrants
8	Canadian currency
9	Foreign currency (non-Canadian)
10	Initial dividend to public
11	Dividend cancelled
12	Initial cash dividends payable on increased shares after stock splits
13	Initial cash dividends payable on increased shares after stock dividends
14	Approximate dividend
15	Initial dividend after split (Canadian dollars)
16	Initial dividend after stock dividend (Canadian dollars)
17	Dividend cancelled by company
18	Net after tax
19	Gross
20	Distribution - same company, different issue
21	At close of business
22	Broker tax information
000	Normal cash payments
001	Short pay period
002	Long pay period
003	Includes principal, capital gains, return of capital, liquidations, or unscheduled UIT principal payments.
004	Includes dividend arrears

005	Includes year-end, extra, special, and participating dividends, proceeds from sale, or redemption of rights
006	Includes optional dividends or fractions in cash (stock splits, stock of other company issue, stock on increased shares)
007	Distribution of warrants
008	Canadian currency
009	Foreign currency (non-Canadian)
010	Initial dividend to public
011	For internal use
012	Initial cash dividends payable on increased shares after stock splits
013	Initial cash dividends payable on increased shares after stock dividends
014	Approximate dividend
015	Initial dividend after split (Canadian dollars)
016	Initial dividend after stock dividend (Canadian dollars)
017	Dividend cancelled by company
018	Net after tax
019	Net before tax
020	Distribution - same company, different issue
021	At close of business
022	Broker tax information

Ann. Data Record Type

Code	Description
50	Dividend or capital change announcement
51	Shareholder meeting announcement
60	Registered bond interest payment announcement
70	Called bond announcement

Sup. Pay Type

Code	Description
0	Regular dividend
1	Initial dividend short period
2	Initial dividend long period
3	Principal payment
4	Dividend arrears
6	Fractions in cash
7	Distribution of warrants
8	Rate unknown/to be determined
10	Initial dividend
11	Dividend canceled
12	Initial after split
13	Initial after stock dividend

14	Approximate rate
17	Dividend rescinded
18	Net amount
19	Gross amount
20	Distribution of another issue of the same company
21	Distribution of stock in another company
22	Cash equivalents
23	Partial payment
24	Limited partnership distribution
25	Payable on shares included in units
26	Poison pill
31	Return of capital
32	Return of capital plus income
33	Estimated return of capital
34	Estimated return of capital plus income
35	Liquidation
36	Liquidation/surrender of certificates required
37	Final payment/transfer books are closed
40	Optional dividend/total cash rate is in the primary rate field/stock rate is included in the specialized dividend fields
41	Dividend can be paid optionally in Canadian or U.S. dollars
50	Special dividend
51	Special dividend plus income
52	Extra dividend
53	Extra dividend plus income
54	Year-end dividend
55	Year-end dividend plus income
56	Additional dividend
57	Participating dividend
58	Proceeds from the sale of rights
59	Redemption of rights
60	Payable on presentation of certificates
61	Called and income payment
70	Long and short-term capital gains plus income
71	Long-term capital gains only
72	Long-term capital gains plus income
73	Long and short-term capital gains
74	Short-term capital gains only
75	Short-term capital gains plus income
76	Capital gains, breakdown unavailable
77	Dividend classification provided

160	Other/see dividend continuation record
000	Regular dividend
001	Initial dividend short period
002	Initial dividend long period
003	Principal payment
004	Dividend arrears
006	Fractions in cash
007	Distribution of warrants
008	Rate unknown/to be determined
010	Initial dividend
011	Dividend canceled
012	Initial after split
013	Initial after stock dividend
014	Approximate rate
017	Dividend rescinded
018	Net amount
019	Gross amount
020	Distribution of another issue of the same company
021	Distribution of stock in another company
022	Cash equivalents
023	Partial payment
024	Limited partnership distribution
025	Payable on shares included in units
026	Poison pill
031	Return of capital
032	Return of capital plus income
033	Estimated return of capital
034	Estimated return of capital plus income
035	Liquidation
036	Liquidation/surrender of certificates required
037	Final payment/transfer books are closed
040	Optional dividend/total cash rate is in the primary rate field/stock rate is included in the specialized dividend fields
041	Dividend can be paid optionally in Canadian or U.S. dollars
050	Special dividend
051	Special dividend plus income
052	Extra dividend
053	Extra dividend plus income
054	Year-end dividend
055	Year-end dividend plus income
056	Additional dividend

057	Participating dividend
058	Proceeds from the sale of rights
059	Redemption of rights
060	Payable on presentation of certificates
061	Called and income payment
070	Long and short-term capital gains plus income
071	Long-term capital gains only
072	Long-term capital gains plus income
073	Long and short-term capital gains
074	Short-term capital gains only
075	Short-term capital gains plus income
076	Capital gains, breakdown unavailable
077	Dividend classification provided

Tax Status

Code	Description
A	Fully taxable
B	U.S. withholding tax not required from non-resident aliens
C	U.S. dividend withholding tax required from non-resident aliens on total amount
D	U.S. dividend withholding tax from non-resident aliens not required on total amount
E	Tax free distribution not subject to foreign withholding
F	Reclaim entitlement
G	Rate includes foreign tax credit
H	Rate excludes foreign tax credit
I	Undistributed capital gains - to be determined
J	Return of capital
K	Return of capital and income (partially taxable)
L	Tax exempt
M	Royalty income distribution
N	Includes foreign currency gains
P	Partially tax exempt
R	Non-taxable event
S	Does not apply
T	Taxable as Interest
0	Fully taxable, includes foreign currency gains
1	Fully taxable, U.S. withholding tax not required from non-resident aliens
2	Fully taxable, U.S. dividend withholding tax required from non-resident aliens on total amount
3	Fully taxable, U.S. dividend withholding tax from non-resident aliens not required on total amount
4	Fully taxable, tax free distribution not subject to foreign withholding
5	Fully taxable, reclaim entitlement
6	Fully taxable, rate includes foreign tax credit

7	Fully taxable, rate excludes foreign tax credit
8	Fully taxable, undistributed capital gains - to be determined
9	Fully taxable, royalty income distribution

Subject to Approval

Code	Description
A	Subject to shareholder approval
B	Subject to SEC approval
C	Subject to both shareholder and SEC approval
D	Dividend or stock distribution approved by shareholders
E	Dividend or stock distribution approved by SEC
F	Dividend or stock distribution approved by shareholders and SEC
G	Dividend or stock distribution rejected
9	Does not apply

Close of Business

Code	Description
0	Opening of business: for mutual funds
1	Close of business; for mutual funds
2	Dividend declared daily; for mutual funds
3	Not quoted 'ex' by an exchange; ex-date field contains the effective date, if available
9	Does not apply

UIT preliminary final announcement

Code	Description
1	Preliminary announcement
2	Final announcement
9	Does not apply

Qualified Div Tax Status

Code	Description
N	Dividend income is not qualified
P	Part of dividend income is potentially qualified, subject to meeting investor holding requirements
U	Qualified tax status is unknown
Y	Dividend income is potentially qualified, subject to meeting investor holding requirements

NDF12MADAT NDF 12 Month Forward Rate Date

Date of 12 month Non Deliverable Forward rate.

NDF12MASK NDF 12 Month Forward Rate - ASK

The ask 12 Month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF12MBID NDF 12 Month Forward Rate - BID

The bid 12 Month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF12MMID NDF 12 Month Forward Rate - MID
The mid 12 Month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF1MADAT NDF 1 Month Forward Rate Date
Date of 1 month Non Deliverable Forward rate.

NDF1MASK NDF 1 Month Forward Rate - ASK
The ask 1 Month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF1MBID NDF 1 Month Forward Rate - BID
The bid 1 Month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF1MMID NDF 1 Month Forward Rate - MID
The mid 1 Month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF1WADAT NDF 1 Week Forward Rate Date
Date of 1 week Non Deliverable Forward rate.

NDF1WASK NDF 1 Week Forward Rate - ASK
The ask 1 week Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF1WBID NDF 1 Week Forward Rate - BID
The bid 1 week Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF1WMID NDF 1 Week Forward Rate - MID
The mid 1 week Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF24MADAT NDF 24 Month Forward Rate Date
Date of 24 month Non Deliverable Forward rate.

NDF24MASK NDF 24 Month Forward Rate - ASK
The ask 24 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF24MBID NDF 24 Month Forward Rate - BID
The bid 24 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF24MMID NDF 24 Month Forward Rate - MID
The mid 24 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF2MADAT NDF 2 Month Forward Rate Date
Date of 2 month Non Deliverable Forward rate.

NDF2MASK NDF 2 Month Forward Rate - ASK
The ask 2 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF2MBID NDF 2 Month Forward Rate - BID
The bid 2 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF2MMID NDF 2 Month Forward Rate - MID
The mid 2 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF3MADAT NDF 3 Month Forward Rate Date
Date of 3 month Non Deliverable Forward rate.

NDF3MASK NDF 3 Month Forward Rate - ASK
The ask 3 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF3MBID NDF 3 Month Forward Rate - BID
The bid 3 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF3MMID NDF 3 Month Forward Rate - MID
The mid 3 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF60MADAT NDF 60 Month Forward Rate Date
Date of 60 month Non Deliverable Forward rate.

NDF60MASK NDF 60 Month Forward Rate - ASK
The ask 60 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF60MBID NDF 60 Month Forward Rate - BID
The bid 60 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF60MMID NDF 60 Month Forward Rate - MID
The mid 60 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF6MADAT NDF 6 Month Forward Rate Date
Date of 6 month Non Deliverable Forward rate.

NDF6MASK NDF 6 Month Forward Rate - ASK
The ask 6 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF6MBID NDF 6 Month Forward Rate - BID
The bid 6 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF6MMID NDF 6 Month Forward Rate - MID
The mid 6 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF9MADAT NDF 9 Month Forward Rate Date
Date of 9 month Non Deliverable Forward rate.

NDF9MASK NDF 9 Month Forward Rate - ASK
The ask 9 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF9MBID NDF 9 Month Forward Rate - BID
The bid 9 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDF9MMID NDF 9 Month Forward Rate - MID
The mid 9 month Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDFONADAT NDF Overnight Forward Rate - Date
Date of overnight Non Deliverable Forward rate.

NDFONASK NDF Overnight Forward Rate - ASK
The ask overnight Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDFONBID NDF Overnight Forward Rate - BID
The bid overnight Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDFONMID NDF Overnight Forward Rate - MID
The mid overnight Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDFSWADAT NDF Spot Week Forward Rate Date
Date of spot week Non Deliverable Forward rate.

NDFSWASK NDF Spot Week Forward Rate -ASK
The ask spot week Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDFSWBID NDF Spot Week Forward Rate -BID
The bid spot week Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDFSWMID NDF Spot Week Forward Rate -MID
The mid spot week Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDFTNADAT NDF Tomorrow/Next Forward Rate - Date
Date of tomorrow/next month Non Deliverable Forward rate.

NDFTNASK NDF Tomorrow/Next Forward Rate - ASK
The ask tomorrow/next Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDFTNBID NDF Tomorrow/Next Forward Rate - BID
The bid tomorrow/next Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NDFTNMID NDF Tomorrow/Next Forward Rate - MID
The mid tomorrow/next Non Deliverable Forward Rate from WM/Reuters. Use with the CUR: prefix

NEAR Near Month Price
Accessible only at the commodity level, is the most recent Settlement Price of the commodity's futures contract that is nearest to its Last Trading Day, provided that contract's delivery month is not the current calendar month.

NMSDT Next Mandatory Sinking Fund Date
For preferred securities it is the date on which the next mandatory sinking fund is scheduled to take place.

NMSMT Next Mandatory Sinking Fund Amount
For preferred securities it is the amount to be retired on the NMSDT (Next Mandatory Sinking Fund Date).

NMSPR Next Mandatory Sinking Fund Price
For preferred securities it is the price of the next mandatory sinking fund drawing.

NOCDT Next Optional Call Date
The date on which a given amount of the bond issue may be redeemed by the issuer.

NOCPR Next Optional Call Price
The next price at which a security is callable

NOSFD Next Optional Sinking Fund Date
The next date by which a given amount of the bond issue may be redeemed by the issuer.

NOSFM Next Optional Sinking Fund Amount
The amount, expressed as a percentage or number in thousands, which will be redeemed as per the sinking fund provisions on the associated **Next Optional Sinking Fund Date.**

NOSFP Next Optional Sinking Fund Price
The price, shown as a percentage of **Nominal Value**, specified in the bond documents, at which the issuer may redeem additional bonds at the **Next Optional Sinking Fund Date.**

NPDT Next Put Date
The date on which the next put price is effective.

NPPR Next Put Price
The next price at which the bond can be put, expressed as a percentage of the **Nominal Value.**

NPUDT Next Put Feature Date
The date on which the **Next Put Feature Price** goes into effect.

NPUPR Next Put Feature Price
The next price at which a security is puttable.

NRAT New Spread Rate
The next effective amended margin rate, expressed as a percentage.

NRTD New Spread Rate Date
The date on which margin rate is expected to change.

NSFD Next Sinking Fund Date
For corporate and municipal securities, is the next date by which a given amount of the bond issue must be redeemed by the issuer.

NSFM Next Sinking Fund Amount
For corporate and municipal securities, is the amount, expressed as a percentage or value in thousands, which will be redeemed as per the sinking fund provisions on the associated **Next Sinking Fund Date.**

NSFP Next Sinking Fund Price

The price, shown as a percentage of **Nominal Value**, specified in the bond documents, at which the issuer must redeem a bond at the **Next Mandatory Sinking Fund Date** (if the sinking fund requirement is not met by purchasing in the open market).

NSMDtxt Next Sinking Fund Amount

The Next Sinking Fund Amount Code indicates how the NSFM (Next Sinking Fund Amount) is given.

Code	Description
P	Percentage
S	Value in thousands
T	Value in ten thousands
U	Value in one hundred thousands
Z	New situation

NSNSFD Non-Standard Next Sinking Fund Date

The next date by which a given amount of the bond issue is scheduled to be redeemed by the issuer.

NSNSFM Non-Standard Next Sinking Fund Amount

The amount, expressed as a percentage or a number in thousands, which will be redeemed as per the sinking fund provisions on the associated **Non-Standard Next Sinking Fund Date**.

NSNSFP Non-Standard Next Sinking Fund Price

The price, shown as a percentage of **Nominal Value**, specified in the bond documents, at which the issuer must redeem the bonds at the **Next Non-Standard Sinking Fund Date** (if the sinking fund requirement is not being met by purchasing in the open market).

NSPTIS Non-Standard Percent of Issue to Retire

The percentage of the total issue to be retired by nonstandard sinking fund/drawing payments prior to maturity.

NSSFBA Non-Standard Sinking Fund Basis Anniversary

The month and day as of which bond debt outstanding is determined each year from which the sinking fund amount is calculated.

NSSFBD Non-Standard Sinking Fund Basis Date

The date as of which bond debt outstanding is determined, from which the sinking fund amount is calculated.

NSSFDT Non-Standard Sinking Fund Start Date

The date of the first non-standard sinking fund/drawing payment.

NSSFFCtxt Non-Standard Sinking Fund Features

The Non-Standard Sinking Fund Features Code is a string of up to four, one-character codes identifying non-standard sinking fund characteristics

Code	Description
A	Purchase fund
B	Optional purchase fund

C	Property addition/maintenance and replacement
D	Invested sinking fund
E	Amortizing sinking fund
F	Installment Payment
Z	Other (S5 schedule data not available)

NSSFtxt Non-Standard Sinking Fund Data Record

NSSFtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Non-Standard Sinking Fund Date	The date by which a given amount of the bond issue is scheduled to be redeemed by the issuer	Not applicable
2. Non-Standard Sinking Fund Price	Price, shown as a percentage of Nominal Value, specified in the bond documents, at which the issuer must redeem a bond under certain circumstances (if the sinking fund requirement is not being met by purchasing in the open market).	Not applicable
3. Non-Standard Sinking Fund Amount	The amount, expressed as a percentage or a number in thousands, which will be redeemed as per the sinking fund provisions on the associated Non-Standard Sinking Fund Date	Not applicable
4. Non-Standard Sinking Fund Amount Code	Identifies how the Non-Standard Sinking Fund Amount is stated	See code table below

Non-Standard Sinking Fund Amount Code

Code	Description
P	Percentage
S	Value in thousands
T	Value in ten thousands
U	Value in one hundred thousands
Z	New situation

NTDT Next Tender Date

The date after the Mandatory Tender Date (MTDT) the bond is subject to mandatory tender.

NTPR Next Tender Price

Available for municipal securities, is the next price, expressed as a percentage of principal, at which the bond can be tendered.

NVAL Nominal Value

The security's face, par, or stated value

NVCCtxt Nominal Value Currency

Currency of NVAL (Nominal Value)

See Appendix D: Currency codes

NVMKtxt Nominal Value Marker

The Nominal Value Marker describes the NVAL (Nominal Value) of a security.

Code	Description
	Unknown/unavailable
0	Normal book/par value of a share/bond, or stated value of a preferred stock; value is in NVAL.
00	Normal book/par value of a share/bond, or stated value of a preferred stock; value is in NVAL.
01	No par value share represented by a null value in NVAL.
02	Permanently partly-paid stock; amount paid up is in NVAL.
04	Annuity, represented by a null value in NVAL.
05	Nominal value repaid by installments; value left is shown.
06	Nominal value adjusted as part of a scheme of arrangement; adjusted amount appears in NVAL.
07	Nominal value differs from unit of quotation; latter value shown in NVAL.
08	The security is a share with capital quoted per unit.
09	Security has no nominal value. Nominal value is the denomination of the security to which warrants are still attached.
1	No par value share represented by a null value in NVAL.
2	Permanently partly-paid stock; amount paid up is in NVAL.
4	Annuity, represented by a null value in NVAL.
5	Nominal value repaid by installments; value left is shown.
6	Unused
7	Nominal value differs from unit of quotation; latter value shown in NVAL.
8	The security is a share with capital quoted per unit.
9	Security has no nominal value. Nominal value is the denomination of the security to which warrants are still attached.

NXDLtxt Latest Ex-Split/Divd Date Record, Long

NXDL has the long split and cash or stock dividend record with the latest ex-date as of the input date for a specified security.

NXDLtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Security Identifier	CUSIP, IDCCUSIP, or CINS	Not applicable
2. Payment Type Code / Text	describes the nature or type of dividend	See code table for NEDA2txt
3. Dividend Amount/Rate	Cash amount paid proportionally to stockholders, or an optional dividend, or security profits. The dividend amount/rate can also be the ratio of a stock split or stock dividend. For cash dividends the value is in dollars and cents; for stock dividends, a "factor" is	Not applicable

	returned (e.g., a 10 percent stock dividend returns a value of 1.10); for splits a "factor" is returned (e.g., a 2-for-1 split returns a value of 2.00, and a 1-for-2 reverse split returns .50).	
4. Record Date	A dividend or split shares are payable to holders of a stock on a declared record date, known as the holder-of-record date.	Not applicable
5. Payment Date	The date on which a dividend is to be paid to stockholders.	Not applicable
6. Alternate Payment Type Code / Text	Provides information supplemental, or alternative, to the primary type code.	See code table for NEDA2txt
7. Alternate Rate	Supplemental amount, where available, to the Dividend Amount/Rate.	Not applicable
8. Descriptive Information	If there was a revision to Alt. Rate Info the previous Alt. Rate Info is displayed here.	Not applicable

NXCPN Next Coupon Payment Date

The next date on which a coupon payment is expected to be made.

NXDT Next Call Date

The date on which an issuer has the right to redeem the debt before its maturity at the N**ext Call Price**

NXDVtxt Latest Ex-Split/Dividend Date Record

NXDV has the split and cash or stock dividend record with the latest ex-date for a specified security as of the input date.

NXDVtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Security Identifier	CUSIP, IDCCUSIP, or CINS	Not applicable
2. Payment Type Code / Text	describes the nature or type of dividend	See code table for NEDA2txt
3. Dividend Amount / Rate	Cash amount paid proportionally to stockholders, or an optional dividend, or security profits. The dividend amount/rate can also be the ratio of a stock split or stock dividend. For cash dividends the value is in dollars and cents; for stock dividends, a "factor" is returned (e.g., a 10 percent stock dividend returns a value of 1.10); for splits a "factor" is returned (e.g., a	Not applicable

	2-for-1 split returns a value of 2.00, and a 1-for-2 reverse split returns .50).	
4. Record Date	A dividend or split shares are payable to holders of a stock on a declared record date, known as the holder-of-record date.	Not applicable
5. Payment Date	The date on which a dividend is to be paid to stockholders.	Not applicable

NXPR Next Call Price

The next price at which a bond can be redeemed, on the **Next Call Date**, expressed as a percentage of the **Nominal Value**. For make-whole calls, a price of 100 is returned.

NXRAtxt Latest Registered Bond Interest Payment Record

NXRA has data for a specific CUSIP by registered bond interest payment record.

NXRAtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Security Identifier	CUSIP, IDCCUSIP, or CINS	Not applicable
2. Entry or Latest Revision Date	The date the record was entered in the database. If the record was a subsequent revision, the Entry or Latest Revision Date contains the date of the revision and the original entry date is found in the Original Entry or Previous Revision Date	Not applicable
3. Original Entry or Previous Revision Date	If there was a revision to the Entry/Rev. Date the previous Entry/Rev. Date is displayed here.	Not applicable
4. Record Date	The interest payment record date. Interest is payable to holders of a bond on a declared record date, known as the holder-of-record date.	Not applicable
5. Original or Previous Record Date	If there was a revision to Record Date the previous Record Date is displayed here.	Not applicable
6. Registered Bond Type Code / Text	The Registered Bond Type Code describes the nature or type of registered bond interest payment:	See code table for NEDA2txt
7. Original or Previous Registered Bond Type Code / Text	If there was a revision to Registered Bond Type the previous Registered Bond Type is displayed here.	See code table for NEDA2txt
8. Interest Rate	The Interest Rate is the amount of interest paid per $1000 bond. If there was no revision, the system returns low values for the Original or Previous Interest Rate.	Not applicable
9. Original or Previous Interest Rate	Payment Date is the date on which interest is to be paid to bondholders. If there was no revision, the system returns low	Not applicable

	values for the Original or Previous Payment Date.	
10. Payment Date	Payment Date is the date on which interest is to be paid to bondholders.	Not applicable
11. Original or Previous Payment Date	If there was a revision to the Payment Date. The previous Payment Date is displayed here.	Not applicable
12. Descriptive Information	Brief additional description of the data	Not applicable
13. Original / Previous Descriptive Information	If there was a revision to the Descriptive Information. The previous Descriptive Information is displayed here.	Not applicable
14. Alternate Payment Type Code	provides supplemental, or alternative, information to the Registered Bond Type Code	See code table for NEDA2txt
15. Original / Previous Alternate Payment Type Code	If there was a revision to the Alternate Payment Type. The previous Alternate Payment Type is displayed here.	See code table for NEDA2txt
16. Internal Flag	Internal Flag for internal use only	Not applicable
17. Original or Previous Internal Flag	Internal Flag for internal use only	Not applicable

NXSAtxt Latest Ex-Dividend Date Split Record,All

NXSA has a split or stock dividend record with the latest ex-dividend date as of the input date for a specified security.

NXSAtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Security Identifier	CUSIP, IDCCUSIP, or CINS	Not applicable
2. Entry or Latest Revision Date	The date the split or dividend record was entered in this database. If the record had a subsequent revision, the entry or latest revision date contains the date of the revision	Not applicable
3. Original Entry Date or Prev Revision Date	If there was a revision to the Entry/Rev. Date the previous Entry/Rev. Date is displayed here.	Not applicable
4. Ex-date	Date on which the security's opening market price reflects a deduction equal to the amount of the latest dividend. If the alternate payment type code is 21 (at close of business), the deduction of the dividend is reflected in the market price at the close of business. Buyers of stocks selling ex-dividend are not entitled to the dividend.	Not applicable
5. Original or Previous Ex-date	If there was a revision to the Ex-Date the previous Ex-Date is displayed here.	Not applicable

6. Payment Type Code / Text	describes the nature or type of dividend	See code table for NEDA2txt
7. Original or Prev Payment Type Code / Text	If there was a revision to the Pay Type the previous Pay Type is displayed here.	See code table for NEDA2txt
8. Alternate Payment Type Code / Text	Provides information supplemental, or alternative, to the primary type code.	See code table for NEDA2txt
9. Original or Prev Alternate Payment Type Code / Text	If there was a revision to the Alt. Pay Type the previous Alt. Pay Type is displayed here.	See code table for NEDA2txt
10. Dividend Amount / Rate	Cash amount paid proportionally to stockholders, or an optional dividend, or security profits. The dividend amount/rate can also be the ratio of a stock split or stock dividend. For cash dividends the value is in dollars and cents; for stock dividends, a "factor" is returned (e.g., a 10 percent stock dividend returns a value of 1.10); for splits a "factor" is returned (e.g., a 2-for-1 split returns a value of 2.00, and a 1-for-2 reverse split returns .50).	Not applicable
11. Original or Previous Dividend Amount /	If there was a revision to Div Amt the previous Div Amt is displayed here.	Not applicable
12. Alternate Rate	Supplemental amount, where available, to the Dividend Amount/Rate.	Not applicable
13. Original or Previous Alternate Rate	If there was a revision to Alt. Rate the previous Alt. Rate is displayed here.	Not applicable
14. Descriptive Information about Alternate Payment Type Code and Alternate Rate	A brief description of the data where available.	Not applicable
15. Descriptive Information about Original or Previous Alternate Payment Type Code and Alternate Rate	If there was a revision to the Descriptive Information the previous Descriptive Information is displayed here.	Not applicable
16. Record Date	A dividend or split shares are payable to holders of a stock on a declared record date, known as the holder-of-record date.	Not applicable
17. Original or Previous Record Date	If there was a revision to Record Date the previous Record Date is displayed here.	Not applicable
18. Payment Date	The date on which a dividend is to be paid to stockholders.	Not applicable
19. Original or Previous Payment Date	If there was a revision to Pay Date the previous Pay Date is displayed here.	Not applicable
20. Internal Flag	Internal Flag for internal use only	Not applicable
21. Original or Previous Internal Flag	Internal Flag for internal use only	Not applicable
22. Declaration Date	Date on which a corporation or fund declares a dividend or capitalization change.	Not applicable

23. Original or Previous Declaration Date	If there was a revision to Dec. Date the previous Dec. Date is displayed here.	Not applicable

NXSPtxt Latest Ex-Dividend Date Split Record

NXSP has the split or stock dividend record with the latest ex-date as of the input date for a specified security (includes only Pay Type codes 10, 11, 21, 22)

NXSPtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Security Identifier	CUSIP, IDCCUSIP, or CINS	Not applicable
2. Payment Type Code / Text	describes the nature or type of split	See code table for NEDA2txt
3. Dividend Amount / Rate	the ratio or factor of a stock split (e.g., a 2-for-1 split returns a value of 2.00, and a 1-for-2 reverse split returns .50).	Not applicable
4. Record Date	split shares are payable to holders of a stock on a declared record date, known as the holder-of-record date.	Not applicable
5. Payment Date	The date on which a dividend is to be paid to stockholders.	Not applicable

NXTD2txt Latest Ex-Date Split/Dividend Record - Long

Please see NEDA2txt

OACDtxt Optional Sinking Fund Schedule

OACDtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Date	The date when the sinking fund/drawing may take place.	Not applicable
2. Price	The price, shown as a percentage of Nominal Value, specified in the bond documents, at which the issuer may redeem additional bonds at the Optional Sinking Fund Date.	Not applicable
3. Amount	Amount, expressed as a percentage or value in thousands, which will be redeemed as per the sinking fund provisions on the associated Optional Sinking Fund Date.	Not applicable
4. Amount Descript.	Identifies how the Optional Sinking Fund Amount is stated.	See code table below

Amount Descript. Code table

Code	Description
P	Percentage
S	Value in thousands
T	Value in ten thousands
U	Value in one hundred thousands
Z	New situation

OACCRtxt Original Accrual/Daycount Basis

The Original Accrual/Daycount Basis identifies the original method of accrual (or accretion). For zero-coupon and short-term discount notes, this item will represent the accretion basis. **Current Accrual/Daycount Basis** should be used in default logic in instances where Original Accrual/Daycount Basis is not populated, or for purposes of principal default determination.

Note: For mortgage-backed pass-through securities, although certain pool types such as FHLMC multifamily and/or GNMA-backed PC pools are set to "1" indicating 30/360, interest on any or all of the underlying mortgages may be computed on an Actual/360 day basis. In those instances, FHLMC adjusts the interest allocation on the mortgages as closely as practicable to interest payments calculated on a 30/360 day accrual basis (refer to http://www.freddiemac.com/mbs/docs/Multifamily_PC_2-22-08.pdf).

Code	Description
1	30/360
2	Actual/Actual
3	Actual/360
4	30/365
5	Actual/365
6	Business/252
7	Actual/366
8	Actual/364
N	Not applicable
Y	30/360 ICMA
Z	Other situation

OBPERIOD Rate Lookback/Observation Period in Days

Identifies method used to determine which period type is to be used to determine the duration of the period for the calculation when shifted.

OBLGtxt Obligation Category

OBLG returns a code which indicates the obligation category of the issuer.

Code	Description
A	General Obligations (unlimited tax)
B	General Obligations (limited tax) and special assessments
C	Certificate of participation and 1915 act
D	Stadium Revenue and/or Auditorium Revenue
E	Electric Revenue
F	Franchise Tax (revenue), Business License Fees
G	Natural Gas Revenue
H	Highway Revenue Taxes (including gasoline, licenses, etc.)
I	Industrial revenues (may include lease revenue)
J	General Fund Appropriations
K	Automobile Parking Systems Revenues
L	Lease Rental Revenues (Pennsylvania School Authorities)
M	Multiple Utilities Revenue (any combination of E, G, S, W)

N	Miscellaneous Revenue (hospital, telephone, and any combination of any sources of payment)
O	Transit Revenue (subways, etc.)
P	Port, Airport, and Marina Revenues
Q	Hospital revenue
R	College and University Revenues (rents, fees, dormitory)
S	Sewer Revenue
T	Toll Revenues (bridge, tunnel, ferry, etc.)
U	Utility Tax Revenues
V	Sales Taxes
W	Water Revenue
X	Old Public Housing Authority
Y	New Public Housing Authority
Z	Local or Guaranteed Housing

OCSCDtxt Optional Call Schedule Record

OCSCDtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Start Date	The date on which an Optional Call Feature Start Price is effective. For declining calls, it represents the beginning date upon which the formula becomes operative.	
2. Price Marker	Indicates whether the Optional Call Feature Start Price is stated as an amount in currency (A) or a percent of stated value (P), or whether data is not available (blank).	See code table below
3. Start Price	The price, corresponding to the Optional Call Feature Start Date, at which a callable, fixed income security can be redeemed. It is quoted as stated in the Optional Call Feature Price Marker. For declining calls, it represents the starting price to which decrements are applied.	Not applicable
4. Currency	ISO code identifying the currency associated with the Optional Call Feature Start Price.	See Appendix D: Currency codes
5. Reset Freq.	The periodicity with which a call price decrements, as stated in the prospectus. It is supplemented by the Optional Call Formula Frequency Multiplier to indicate the number of periods. It is set to “N” if a schedule of call dates, prices and currencies, as opposed to a decrement formula, is returned.	See code table below
6. Freq. Multiplier	The value returned for x in the Optional Call Formula Reset Frequency when the codes are “D”, “W”, “M”, or “Y”. “0” (zero) indicates that no decrement formula is operative over the specified period.	Not applicable
7. Price Decrement	The price to be subtracted from the call price at which it was previously set according to the Optional Call Formula Reset Frequency and its Optional Call Formula Frequency Multiplier for decrementing formula calls	Not applicable
8. End Date	The ending date for application of the decrement formula. It may be available for decrementing formula calls if explicitly stated in the prospectus; if	Not applicable

	not available, the Optional Call Formula End Price is returned	
9. End Price	The call price on the Optional Call Formula End Date. It may be available for decrementing formula calls if explicitly stated in the prospectus. If this item not available, the Optional Call Formula End Date is returned.	Not applicable

Price Marker

Code	Description
A	Amount in currency
P	Percent of stated value
F	Formula

Reset Freq.

Code	Description
N	Non-repeating call date; price remains constant until next call date, if any
D	Decrements every x days
W	Decrements every x weeks
M	Decrements every x months
Y	Decrements every x years
Z	Other situation

OCTtxt Optional Call Type

The Optional Call Type indicates the type(s) of consideration an issuer can provide in calling an issue.

Code	Description
C	Callable exclusively into cash
S	Callable exclusively into security
A	Callable into cash and security(ies)
O	Callable into cash or security(ies)
Z	Other situation

ODDT Original Issue Discount Date

The original issue date associated with a discount bond.

ODYL Original Issue Yield

The original yield associated with the **Issue Price**. For deferred interest municipal securities, it represents the effective rate of interest as of the **Deferred Interest Conversion Date**.

OEXTYPE Settlement Style for Options Contracts

Returns the style of settlement for options.

OFCDT Odd First Coupon Date

Available for municipal bonds, is the first coupon payment date when the interest payment is for a period other than the standard interest frequency.

OFFD Offer Date

The date on which a bond is first offered. It is usually the date of the prospectus, or prospectus pricing supplement.

OFFDOCtxt Offering Document Delivery Mode

The Offering Document Delivery Mode, available for municipal bonds, describes the delivery mode of the offering document.

Code	Description
A	Prospectus required
B	No prospectus required
C	Access equals delivery; a physical copy of the Official Statement is not required, and can be delivered electronically
D	Official Statement required
E	Perpetual prospectus required

OFFTYPEtxt Offering Type

The Offering Type, available for municipal securities, describes the method used to bring a municipal issue to market.

Code	Description
C	Competitive
L	Limited
N	Negotiated
P	Private Placement
R	Remarketing

OID Original Identifier

The original identifier (with check digit) of a security whose identifier has changed

- **U.S./Canadian securities**: It is always the first identifier that was assigned to a security, regardless of subsequent changes. For IDCCUSIP which represent a Canadian listing for dually listed securities OID returns the original official CUSIP/CINS identifier.
- **Non-U.S./non-Canadian fixed income securities**: It is the previous identifier when the identifier has changed multiple times.

OID:CALP Call price

The price quoted as a percentage of par value associated with the called date. Applicable to bonds in the OID (Original Issue Discount) product.

OID:CDAT Call date

The date on which a security is or will be fully called. Applicable to bonds in the OID (Original Issue Discount) product.

OID:IDAT OID Issue Date

First day on which interest accrues or principal accretes. Applicable to bonds in the OID (Original Issue Discount) product.

OID:IPRI OID Issue Price

The price at which the issue was originally offered. Applicable to bonds in the OID (Original Issue Discount) product.

OID:OTP2txt Issue type

A description of the type of issue per the OID (Original Issue Discount) product.

Code	Description
	Not available
D	Deferred interest: Payable at maturity
F	Fixed rate issue
G	Stripped issue: coupon or principal
P	Payment in kind (PIK)
R	Coupon reset issue
S	Step-up Zero Coupon
T	Short term issue
X	Not specifically defined
Z	Zero coupon issue

OIDFtxt Original Issue Discount Indicator: Federal

The Original Issue Discount Indicator: Federal indicates whether a security may bear taxable OID for federal income tax purposes. This indicator is established at issuance, based on a review of information contained in the prospectus, and is set irrespective of whether the security bears taxable OID in any given tax year.

Code	Description
Y	U.S. corp., gov't or agency security subject to OID Federal tax
N	Not subject to OID Federal tax

OISSUER Expanded Original Issuer Name

Provides the original name of the issuer of a security, in a minimally abbreviated form. Available for non-U.S./non-Canadian fixed income securities.

OPAYFRQtxt Original Payment Frequency

The Original Payment Frequency indicates how often a payment is to be made as stated in the prospectus.

Note: For codes L, M, and N use the item OPAYMLT (Original Payment Frequency Multiplier) to find the value of *x*.

Code	Description
A	Annually
B	Semi-annually
C	Quarterly
D	Monthly
E	Weekly

F	Daily
G	No payments
H	Short-term discount
I	Interest at maturity
J	On reset dates
K	Flexible (at issuer's option)
L	Every x days as in OPAYMLT
M	Every x weeks as in OPAYMLT
N	Every x months as in OPAYMLT
Z	Other situation

OPAYMLT Original Payment Frequency Multiplier
Defines the "*x*" value in the OPAYFRQ (Original Payment Frequency).

OPEN Open Price
The exchange listed open

OPENADAT Open Price Amendment Date
Date of the price returned by OPEN

OPENCOQtxt Open Price Country of Quotation
Country of Quotation of the price returned by OPEN
See Appendix A: Country Codes

OPENCURR Open Price Currency
Currency description like United States Dollar of the price returned by OPEN

OPENEUR Open Price in EUR
The price returned by OPEN converted to Euros using the London close spot mid-rate for the date of the open.

OPENEX2 2nd Exch Open Price
Returns the open from the secondary exchange for dually listed German and Indian securities.

OPENEX2ADAT 2nd Exch Open Price Amendment Date
Date of the open returned by OPENEX2.

OPENEX2COQtxt 2nd Exch Open Price Country of Quotation
Country of Quotation of the price returned by OPENEX2
See Appendix A: Country Codes

OPENEX2CURR 2nd Exch Open Price Currency
Currency description like United States Dollar of the price returned by OPENEX2

OPENEX2EXCHtxt 2nd Exch Open Price Exchange
The exchange or source of the price returned by OPENEX2
See Appendix B: Universal Pricing Exchange codes

OPENEX2ISO 2nd Exch Open Price Currency Code
ISO Currency code of the price returned by OPENEX2

OPENEXCHtxt Open Price Exchange
See Appendix B: Universal Pricing Exchange codes

OPENGBP Open Price in GBP
The price returned by OPEN converted to British Pounds using the London close spot mid-rate for the date of the open.

OPENISO Open Price Currency Code
ISO Currency code of the price returned by OPEN

OPENUSD Open Price in USD
The price returned by OPEN converted to US Dollar using the London close spot mid-rate for the date of the open.

OPIN Open Interest
Available for options, is the number of underlying units represented by the outstanding option contracts.

OPLCNT Original Pool/Loan Count
Mortgage loans in the MBS pool as of the pool issue date.

OPTKEY Option Identifier With No Blanks
Returns OSI (Option Symbology Initiative) key with no blanks in the option root ticker based on the OCC (Options Clearing Corporation) option identification system. Applicable to US/Canadian options.

OPTKEYB Option Identifier With Blanks
Returns OSI (Option Symbology Initiative) key with blanks in the option root ticker based on the OCC (Options Clearing Corporation) option identification system. Applicable to US/Canadian options.

OPTLSTO Option Identifier Chain With No Blanks
Returns a list of active OSI (Option Symbology Initiative) identifiers related to either an option or underlying security. Applicable to US/Canadian options.

OPTLSTO2 Active and Recently Expired Option Id Chain With No Blanks
Returns a list of active and recently expired OSI (Option Symbology Initiative) identifiers related to either an option or underlying security. Applicable to US/Canadian options.

OPTREDtxt Special Optional Redemption
The Special Optional Redemption Code, available for municipal securities, identifies the circumstances under which the issuer has the right to redeem the bonds.

Code	Description
CB	Combination of Various Sources
CD	Expiration of Credit Facility

CP	Completion of Project
CV	Upon Conversion to Different Mode
DG	Ratings Downgrade
EF	Excess Funds
EX	Expiration of Letter of Credit
FN	FNMA Proceeds
GN	GNMA Proceeds
GR	State/U.S. Government Grant
IA	Interest Adjustment Date
IE	Investment Earnings
IP	Insurance Proceeds
IR	Investment Redemption
LP	Loan Prepayments
ME	No Mortgage Endorsement
NC	Non-completion of Project
NS	Source not Specified
RP	Reduction of Principal Amount
SF	Sale/Purchase of Asset
SR	After SR Bonds Paid Off
TM	Less than $10,000,000 Outstanding
UP	Unexpended Bond Proceeds

ORIGSER Original Issue Amount of Series

Available for municipal securities, is the face amount of the series as it was brought to market. It is the combined total of the individual **Issue Sizes** of the municipal bonds making up the series.

ORGTYPEtxt Organization Type Code

Used to classify the organization

Code	Description
0	None
65	National Government Agency
66	Closed-ended Investment Company
67	Corporation
69	Currency Exchange Rate
70	Closed-ended Investment Fund
71	National Government
72	Master Limited Partnership
73	Investment Company/Fund
74	Government Sponsored Enterprise
75	Acquisition group
76	Local Government

77	Registered Management Investment Company
78	Private Non-Profit
80	Limited Partnership
81	Country Subdivision
82	REIT
83	SupraNational Agency
84	Local Government Authority
85	Unknown
86	Conduit Financing Vehicle
88	Market Indicator/Index
89	Local Government Agency

OSDT Optional Sinking Fund Start Date

Indicates, where an optional sinking fund provision exists, the starting date for the optional provision. In most cases, the optional sinking fund becomes operative at the same time as the mandatory sinking fund provision and is set accordingly. However, there are issues whose optional sinking fund starts after the regular sinking fund provision date.

OTCDFXADAT OTCD Spot Rate Date

Date of spot rates from OTCD (formally known as GTIS)

OTCDFXASK OTCD Spot Ask Rate

OTCD spot ask rate. Defaults to London close. Use with CUR: prefix.

OTCDFXBID OTCD Spot Bid Rate

OTCD spot bid rate. Defaults to London close. Use with CUR: prefix.

OTCDFXMID OTCD Spot Mid Rate

OTCD spot mid rate. Defaults to London close. Use with CUR: prefix.

OTYPE Option Type

Returns the type of option such as Option on a future or standard option.

OVMXA Overallotment Provision Maximum Allowable Amount/Shares

The maximum amount for which a “Green Shoe” overallotment provision may be exercised. This item is available only if a “Green Shoe” overallotment provision is stated in the prospectus.

OVMXP Overallotment Provision Maximum Allowable Percentage

The maximum percentage for which a “Green Shoe” overallotment provision may be exercised. This item is available only if a “Green Shoe” overallotment provision is stated in the prospectus.

OWAC Original Weighted Average Coupon

The weighted average of the coupon rates of the mortgages underlying the mortgage pool, as of the issue date.

OWAM Original Weighted Average Maturity (Months)
The weighted average of the months to maturity of the mortgages underlying a mortgage pool, as of the issue date.

OWAOCS Original Weighted Average of the Credit Scores
The weighted average of the credit scores provided by lenders for each loan underlying the pool.

OWAODTI Original Weighted Average Original Debt to Income
Weighted Average Original Debt to Income - the weighted average of the ratios between each mortgage's (1) sum of the Borrower's monthly debt payments, including monthly housing expenses that incorporate the mortgage payment the Borrower is making at the time of the delivery of the mortgage loan to Freddie Mac and (2) the total monthly income used to underwrite the Borrower as of the date of the origination of the mortgage loan. This disclosure field is updated monthly, which means the information is associated with the current remaining balance of the mortgages in the participation certificate (PC) pool. This disclosure is subject to the widely varying standards originators use to verify Borrowers' assets and liabilities.

OWAOLT Original Weighted Average Original Loan Term
Weighted Average Original Loan Term - the weighted average of the number of scheduled monthly payments of the mortgages in a participation certificate (PC) pool at issuance.

OWAOLTV Original Weighted Average of the Loan to Value
The weighted average of the loan-to-value ratios for the underlying mortgage loans in the pool at issuance.

OXDT Original Expiration Date
Populated for US/Canadian options, returns the original expiration date. This date can be different from the effective expiration date (EXDT) for accelerated options.

PACIND PAC Bond Indicator
Returns “Yes” or “No” indicating if the bond is a PAC (Planned Amortization Class) bond.

PAMT Payment Amount
The amount of interest paid or payable as of the **Payment Date**, or the latest reported dividend per share paid or payable for equities. For non-U.S./non-Canadian securities, the amount is returned for floating rate notes (FRNs) only, and refers to amount of interest payable for the denomination of the bond. Where the denomination has been scaled up, the amount shown will relate to the true value of the denomination.

PAR Par Yield/Rate
The rate at which a bond of maturity equal to a given tenor date would price at par (i.e., both coupon rate and yield are equal). Applies only to evaluation curves

PARADAT Par Yield/Rate Date
Date of PAR. Applies only to evaluation curves

PARCALL Par Call Price
Available for municipal securities, returns par (100.000) for current interest bonds, and the Compound Accreted Value (CAV) for capital appreciation bonds.

PARDT First Par Call Date

The first date (*ccyymmdd*) on which an issue may be called at par value. For preferred securities.

PARTDIVtxt Participating Dividend Indicator

The Participating Dividend Indicator specifies conditions under which a preferred stock holder may be entitled to additional dividends if company income warrants it, or may receive a redemption amount in excess of the voluntary liquidation value if excess funds are available.

Code	Description
A	Non participating
B	Dividend participation
C	Voluntary liquidation participation
D	Both dividend and voluntary liquidation participation

PARV Par Value Per Share

The nominal dollar amount assigned to a security by the issuer.

PARY First Par Year

he first par year for issues which are callable.

PAYAGENTtxt Paying Agent

The Paying Agent, available for municipal securities, is the entity responsible for transmitting principal and interest payments to the bondholders.

Note: We do not recommend the use of PAYAGENT because the codes it returns could change, be deleted, or added to without notice. Please use PAYAGENTtxt instead and treat it as a free text field.

PAYCURtxt Current Period Payment Information Record - Extended

Returns dividends and interest payment records for Non US/Canadian securities. PAYCUR returns up to five records for the current period. A period could be the issuing company's financial year, calendar year, or done on a rolling period where payments are added on a rolling basis.

PAYCURtxt is a record item which returns the following fields

Field Description	Description	Code table notes
Type	Used to qualify payments,	See code table below
Income Value	Dividend or Interest payment	Not applicable
Currency	Currency of the Income Value	
Adj. Value	Available only if there has been a capital change (scrip issue, stock split, etc.) since the unadjusted values' payment date, in which case the value is adjusted for the capital change	Not applicable
Adj. Currency	Currency of the adjusted value.	See Appendix D Currency Codes
Value Marker	provides additional Income Payment data. It further qualifies the Sub-Section Codes by indicating special circumstances surrounding a payment, including issues involving legislation.	See code table below

Tax Marker	indicates the income tax situation applicable for domestic investors	See code table below
Pay Date	the date on which an Income Payment is made.	Not applicable
Div. #	Unique dividend numbers allocated for every dividend declared. Forecast dividends or miscellaneous announcements do not have dividend numbers associated with them. These numbers are allocated consecutively, beginning at “001” and continuing to “999”, then returning to “001”. This number enables the dividend to be uniquely identified even if the amount, type, or dates associated with the dividend change.	Not applicable
Gross Income	Indicates the Gross equivalent of a Net Income payment	Not applicable
Gross Currency	Currency of the Gross Income	See Appendix D Currency Codes
Unadj. Tax Credit	the tax credit or tax as a cash amount when the Income Value is net of tax.	Not applicable
Unadj. Tax Credit Currency	Currency of Unadjusted Tax Credit.	See Appendix D Currency Codes
Income Tax Qualification	Qualifies the Announced Income Value	See code table below
Ex-Date	Where available, are the ex-dividend dates as published by the stock exchange or as announced by the manager for unit trusts.	Not applicable
Record Date	Dates by which the shareholders must be registered as owners of the security in order to receive a dividend payment. The holders’ registered dates are published as announced by the company.	Not applicable
Ann. Date	dates when record was first entered in the database.	Not applicable
Amend. Date	Date record was last amended	Not applicable
Bearer Stk Coup #	The coupon number is allocated for an income payment for bearer securities.	Not applicable

Type

Code	Description
	No capitalization change data available
A	Scrip issue in same stock
A1	Interim Payment (optional form available)
A2	Final Payment (optional form available)
A3	Quarterly Payment (optional form available)
A4	Annual Payment (optional form available)
A5	Interim dividend paid in installments carrying optional alternatives. (Obsolete)
A6	Interim dividend paid in installments carrying optional alternatives.

A7	Dividend Option (different securities)
A8	Proceeds of Rights
A9	Yearly dividend paid in installments. (Obsolete)
B	Scrip issue in different stock
B1	Yearly dividend paid in installments carrying optional alternatives. (Obsolete)
B2	Half-Yearly Payment (optional form available)
B3	Revaluation of payment currency
B4	Quarterly dividend paid in installments (Obsolete)
B5	Quarterly dividend paid in installments with optional alternatives. (Obsolete)
B6	Monthly Payment
B7	Half-yearly payment made in installments (Obsolete)
B8	Bonus, Over-Provision of Tax (Conditional)
B9	Scrip Dividend (Cash Option)
C	Rights issue in same stock
C1	Scrip dividend, expressed as a cash equivalent, carrying optional alternatives (Obsolete)
C2	All previous sub-sections rank for adjustment following the payment of a scrip dividend but have not been adjusted by EXTEL (Obsolete)
C3	All previous sub-sections rank for adjustment following the payment of a scrip dividend but have been adjusted by EXTEL (Obsolete)
C4	All previous sub-sections rank for adjustment following a concurrent capital event and a scrip dividend but have not been adjusted by EXTEL (Obsolete)
C5	All previous sub-sections rank for adjustment following a concurrent capital event and a scrip dividend but have been adjusted by EXTEL (Obsolete)
C6	Monthly Payment (Optional Form Available)
C7	Monthly dividend paid in installments (Obsolete)
C8	Monthly dividend paid in installments carrying optional alternatives (Obsolete)
C9	End Payment (Optional Form Available)
D	Rights issue in different stock
D1	Unit Reinvestment Percentage
D2	Cashing-Out Payment
D3	Half-yearly paymant, made in installments, optional form available (Obsolete)
D4	Special Payment (optional form available)
D5	Forecast FRN Reset Date
D6	Infrequent Interest Payment
D7	Infrequent Capital Gain Payment
D8	Excess Reportable Income
D9	
E	Rights issue dependent on conversion terms
F	Subdivision of capital/shares of no par value
G	Consolidation of capital/shares of no par value
H	Write-up of capital
I	Write-off of capital
J	Stock split

K	Section contains only details of call on permanently partly-paid stock
L	Section contains details of renounceable securities issued in situations not covered by markers A-K and M
M	More than one capital change simultaneously; e.g. scrip issue and stock consolidation.
N	Non-renounceable rights issue in same stock
P	Non-renounceable rights issue in different stock
R	The capital change previously reported in Section K and KS does not take place.
S	Issue type announced but ratio and/or issue price not yet known. Setting replaced with appropriate issue type when complete data are available.
T	Issue has occurred on the underlying security. The effects on the underlying shares are shown.
U	Non-renounceable scrip issue.
V	Non-renounceable scrip issue into a different security.
W	Redenomination
X	Renominalization
Y	Priority Offer, same security
Z	Priority Offer, different security
0	Default, No Setting Applicable
1	Interim Payment
2	Final Payment
3	Quarterly Payment
4	Half-Yearly Payment
5	Annual Payment
6	Additional Payment (Participating)
7	Cumulative payments (dates are those of the latest payments cumulated) (Obsolete)
8	Bonus due to over-provision of tax (Obsolete)
9	Anniversary Bonus
1	Intermediate Securities Distribution
10	Bonus Payment
11	Special Payment
12	American 'extra' dividend (Obsolete)
13	Arrears payment
14	First Payment (Debt and Preference)
15	Last Payment (Debt and Preference)
16	Estimate of Liquidation Return
17	Final dividend paid in installments (Obsolete)
18	Interim dividend paid in installments (Obsolete)
19	Net capital gains per share (investment and unit trusts only) (Obsolete)
2	Capital Event Cancelled
20	Payment from Reserves
21	Dividend payable from tax-free reserves; subject to U.K. tax at standard rate (obsolete)
22	Forecast arrears payment
23	Forecast return of capital

24	First Payment (Debt and Preference Shares)
25	Final Payment (Fixed Interest)
26	Forecast of liquidation payment
27	Forecast distribution form share premium account
28	Forecast participating dividend
29	Forecast bonus
30	Forecast capital dividend
31	Fixed Income Forecast
32	Income Forecast
33	Code used for dividend/interest payment forecasting.
34	Company Forecast
35	Forecast Quarterly Payment
36	Code used for dividend/interest payment forecasting.
37	Code used for dividend/interest payment forecasting.
38	Code used for dividend/interest payment forecasting.
39	Code used for dividend/interest payment forecasting.
40	Code used for dividend/interest payment forecasting.
41	Code used for dividend/interest payment forecasting.
42	Code used for dividend/interest payment forecasting.
43	Code used for dividend/interest payment forecasting.
44	Code used for dividend/interest payment forecasting.
45	Code used for dividend/interest payment forecasting.
46	Code used for dividend/interest payment forecasting.
47	Code used for dividend/interest payment forecasting.
48	Code used for dividend/interest payment forecasting.
49	Code used for dividend/interest payment forecasting.
50	Code used for dividend/interest payment forecasting.
51	Code used for dividend/interest payment forecasting.
52	Code used for dividend/interest payment forecasting.
53	Code used for dividend/interest payment forecasting.
54	No Forecast Possible
55	Code used for dividend/interest payment forecasting.
56	Code used for dividend/interest payment forecasting.
57	Code used for dividend/interest payment forecasting.
58	Broken period/new group structure forecast
59	Forecast not related to current capital
60	Code used for dividend/interest payment forecasting.
61	Code used for dividend/interest payment forecasting.
62	Code used for dividend/interest payment forecasting.
63	Code used for dividend/interest payment forecasting.
64	Code used for dividend/interest payment forecasting.

65	Code used for dividend/interest payment forecasting.
66	Code used for dividend/interest payment forecasting.
67	Code used for dividend/interest payment forecasting.
68	Code used for dividend/interest payment forecasting.
69	Litigation settlement summary notice posted, advising shareholders of possible entitlement to compensation.
70	Distribution of capital profits not subject to income tax (Obsolete)
71	Payment from Share Premium Account
72	Return of Issued Capital Payment
73	Liquidation Payment
74	Final Liquidation Payment
75	Special Merger Payment
76	Dividend payable on offer, merger, or other scheme becoming unconditional (not yet declared). If the offer/merger/scheme is not accepted, code is 93.
77	Special Takeover Payment
78	Unit Trust Equalization
79	Not Adjusted
80	Adjusted
81	Company Year Alteration
82	Litigation Payment
83	Broken Period Commencement
84	Scrip Option Cash Element
85	Unit Trust Final Payment
86	Alternative Currency
87	Scrip (Different securities by a different issuer)
88	Scrip Dividend (same security)
89	Scrip issue in addition to the dividend in the immediately preceding subsection. Associated (unadjusted) value is the terms of the scrip issue in percentage form, e.g., 33 1/3% if 1 for 3.
90	Scrip Dividend Option
91	Dividend of which equivalent is given as a scrip issue (stock dividend) (Obsolete)
92	Event / Situation Rescinded
93	Payment Declared But Not Paid
94	Total annual dividend which company would have paid out but for government restriction (obsolete)
95	Broken Payment (Fixed Interest)
96	Partial Waiver of Dividend
97	Forecast Initial Next Period Payment
98	Forecast Total, Next Period Payments
99	Fixed Interest Notional Forecast

Value Marker

Code	Description
	No marker
A	Estimated Payment and Payment Date Ex Date is Actual: the Announced Income Value is estimated, the Payment Date is estimated or null and the Ex-Date is actual.

B	Announced Income Event - No Rate: income event has been announced with no announced income value. Some or all of the associated dates have been provided
C	Dividend not yet received by all holders (obsolete)
D	Payable in a currency other than that of denomination at the current rate of exchange
E	Dividend cannot be related to present capital (due to re-organization or because paid prior to quotation)
F	Increase due to obligation as close company (obsolete)
G	Charged to preceding year's accounts
H	Paid to take advantage of overspill relief in 1965 U.K. Finance Act (obsolete)
I	Rate changed as result of devaluation (obsolete)
J	Dividend not due on any fixed date
K	Payable when funds received (obsolete)
L	Payment cannot be made
M	Dividend waiver made to enable dividend to be kept within government restriction (details follow with subsection code 96, if available) (obsolete)
N	Dividend waiver (for other reason or reason not known) (details follow with subsection code 96, if available) (obsolete)
P	Dividend in the unadjusted rate was declared by the company on the increased capital, prior to the relevant capital change being made.
Q	Dividend was not marked ex-dividend by the relevant exchange
R	Marker is used in cases where the payment date differs from the due date. It is shown both against the declared forecast amount and against the subsection with code 99, which contains the due date for the corresp. payment for next year.
S	Adjusted amount is the dividend declared on the capital as increased by the coming capital change
T	Associated final dividend/interest payment has been declared at the same time as the interim dividend/interest payment for the next period
U	Used with subsection code 97 to indicate a departure from the normal pattern of divd. payment dates for tax reasons. The payments date(s) in the subsection(s) thus marked are the normal date(s), as far as can be deduced.
V	American dividend including a participation element
W	Distribution from long-term capital gains
X	Distribution from short-term capital gains
Y	Distribution from security profits (obsolete)
Z	Dividend rate is an announced company estimate, payment date estimated, ex-date estimated/null
1	Average dividend announced by company or exchange
2	Holders who elected to redeem holdings instead of accepting compulsory conversion may receive a further payment of interest upon redemption.
3	The optional alternative shown is part of an enhanced scrip dividend
4	The optional alternative shown is part of an enhanced scrip dividend with a cash offer alternative from one or more brokers
5	The pay date shown is the election date of the optional alternative. The ex date is the start date of the election period. The holders date mirrors that of the cash amount.
6	The dividend rate shown will be converted to another currency, by the company, at a later date.
7	Dividend rate is an announced company estimate, payment date actual, ex-date actual
8	Dividend rate actual, payment date estimated, ex-date estimated/null
9	Dividend rate actual, payment date estimated, ex-date actual

Tax Marker

Code	Description
	No special condition, rate is gross
AA	Free of withholding tax from country of origin to US residents
AB	Free of withholding tax from country of origin to US residents. Net of fee payable to issuing agent
AC	Net of withholding tax from country of origin to US residents
AD	Net of withholding tax from country of origin to US residents. Net of fee payable to issuing agent
AE	Subject to 22% tax - Austria (Obsolete as of 7/16)
AF	Austria - subject to 25% tax (Obsolete as of 7/16)
AG	Net of Tax - Austria
AH	Free of Tax - Austria
BA	Net of Belgian tax at 20.6% (Obsolete)
BB	Net of Tax
BC	Free of Belgian tax
BD	Net of 13.9% Belgian tax (Obsolete)
BE	Obsolete - formerly Net of 15% tax
BF	Belgium- Subject to tax
BG	Bangladesh-Free of tax
BH	Bangladesh-Gross
BI	Bangladesh-Net
BS	Special net Belgian tax condition applies
CA	Subject to 10% Canadian withholding tax (obsolete)
CB	Subject to 15% Canadian withholding tax (obsolete)
CC	Subject to Canadian withholding tax (Obsolete)
CD	Net of Canadian tax at current rate
CF	Free of Canadian tax
CS	Special net Canadian tax condition applies
DA	Net of Netherlands tax at current rate
DB	Subject to tax at the current rate - Denmark
DC	Free of Netherlands tax
DS	Netherlands - Special net condition applies
EA	Free of Irish tax
EB	Irish - Subject to tax at the current rate
ED	Irish - Net of tax - rate to be fixed
EG	Gross subject to Irish tax imputation system (Obsolete as of 9/91)
EN	Irish - Net of 'Imputed' tax
ES	Special net Irish tax condition applies
ET	Property Income Dividend (PID) - Gross subject to tax at the current rate
EU	Property Income Dividend (PID) - Net of tax at the current rate
FA	Net of French tax
FB	Subject to French tax at 33 1/3% (Obsolete)
FC	Free of French tax

FD	Subject to tax at the current rate - Finland
FE	Net of tax at the current rate - Finland
FF	Free of tax - Finland
FG	France - Subject to tax
FS	Special net French tax condition applies
GC	Free of German tax
GD	Net of tax
GE	Free of German corporation tax, subject to withholding tax
GN	Net of German corporation tax, subject to dividend/withholding tax
GR	Subject to tax
GS	Special net German tax condition applies
GT	Free of tax
GU	Subject to tax
GV	Net of tax
GX	Net - Greece
GY	Gross - Greece
GZ	Free of Tax - Greece
HA	Free of Hong Kong tax
HB	Net of Hong Kong tax at current rate
HC	Subject to tax at the current rate - Hungary
HD	Hong Kong - Subject to tax
HS	Special net of Hong Kong tax condition applies
IA	Subject to 25% Israeli tax (Obsolete)
IB	Net of Israeli tax at current rate
IC	Free of Israeli tax
ID	Subject to tax at the current rate - Italy
IE	Free of tax
IF	Subject to tax
IG	Net of tax
IS	Special net Israeli tax condition applies
IT	Subject to 15% tax - Indonesia
IU	Net of 15% tax - Indonesia
JA	Free of Jersey tax
JB	Subject to 20% Jersey tax
JD	Net of Jersey tax at current rate
JS	Special net Jersey tax condition applies
KA	Net of South African tax at current rate
KB	Subject to 20% South African tax
KC	Free of South African tax
KD	Korea- Subject to tax
KS	Special net South African tax applies

LA	Fully franked under imputation system - 39% - Australia
LB	Partly franked under imputation system - 39% - Australia
LC	Free of Australian tax
LD	Gross subject of Australian tax
LE	Fully franked under imputation system - 33% - Australia
LF	Partly franked under imputation system - 33% - Australia
LG	Fully franked under imputation system - Australia
LH	Partly franked under imputation system - Australia
LI	Gross subject to deferred tax upon disposal of investment (A-REITs)
LS	Special net Australian tax condition applies
MA	Subject to 40% Malaysian tax
MB	Net of 40% Malaysian tax
MC	Free of Malaysian tax
MD	Subject to 35% Malaysian tax
ME	Net of Malaysian tax at 35%
MF	Subject to 34% Malaysian tax
MG	Net of Malaysian tax at 34%
MH	Subject to 32% Malaysian tax
MI	Net of Malaysian tax at 32%
MS	Special net Malaysian tax condition applies
MT	Subject to Malaysian tax at 30%
MU	Net of Malaysian tax at 30%
MV	Malaysia - subject to 28%tax
MW	Malaysia - net of 28% tax
NA	Subject to Indian tax at current rate (Obsolete)
NB	Net of Indian tax at current rate
NC	Free of Indian tax
ND	Subject to tax - Netherlands
NS	Special net Indian tax condition applies
OC	Free of Isle of Man tax
OG	Subject to Isle of Man tax
ON	Net Isle of Man tax at current rate
OS	Special net Isle of Man tax condition applies
PA	Net of Portuguese tax at current rate
PB	Subject to 10% tax - Pakistan
PC	Free of Portuguese tax
PD	Subject to 12.5% tax - Portugal
PE	Subject to 25% tax - Portugal
PF	Subject to tax - Poland
PS	Special net Portuguese tax condition applies
QA	Free of Maltese tax

QB	Subject to tax
QC	Net of Maltese tax at current rate
QS	Special net Maltese tax condition applies
RA	Free of Spanish tax
RG	Gross - Spain
RN	Net of tax - Spain
RS	Special net Spanish tax condition applies
RT	Gross - Romania
RU	Net of tax - Romania
RV	Free of tax - Romania
SF	Free of tax - any country
SP	Special gross tax condition applies
SQ	Special net tax condition applies
ST	Temporary code to cater for change in tax rate
SW	Subject to withholding tax
SX	Net of withholding tax
TA	Free of Singapore tax
TC	Net of Singapore tax at 33%
TD	Net of Singapore tax at 32%
TE	Subject to 32% Singapore tax
TG	Subject to 40% Singapore tax
TH	Subject to 33% Singapore tax
TJ	Subject to 31% Singapore tax
TK	Net of 31% Singapore tax
TL	Net of Singapore tax at 30%
TN	Net of Singapore tax at 40%
TO	Subject to 30% Singapore tax
TP	Subject to 27% Singapore tax
TQ	Net of Singapore tax at 27%
TS	Special net Singapore tax condition applies
TT	Subject to tax at the current rate - Singapore
TU	Net of tax at the current rate - Singapore
TV	Subject to 10% tax - Thailand
TW	Subject to 30% tax - Sweden
TX	Subject to tax at the current rate - Turkiye
TY	Subject to 15% tax - Thailand
UA	Free of U.K. tax
UB	UK-Gross Dividend Payment
UC	UK-Gross Int. Dist./Payment
UD	Interest distribution net of income tax
UE	Obsolete - Authorized Unit Trust distribution shown after deduction of tax at 25%

UF	Net amount under UK Foreign Income Dividend Scheme for which no tax credit applies
UG	Gross amount under U.K. imputation system (Obsolete)
UH	Obsolete - Subject to U.K. tax at 33%
UI	Property Income Dividend (PID) - Gross subject to tax at the current rate
UJ	Subject to non-standard rate of U.K. at 32% due to overpayment (Obsolete)
UK	Obsolete - Subject to U.K. tax at 30%
UL	Obsolete - Subject to U.K. tax at 27%
UM	Property Income Dividend (PID) - Net of tax at the current rate
UN	Net amount under U.K. imputation system
UP	Obsolete - Subject to U.K. tax at 29%
UQ	Obsolete - Subject to U.K. tax at 28%
UR	Obsolete - Subject to U.K. tax at 26%
US	Subject to U.K. tax at 25%
UT	Obsolete - Subject to U.K. tax at 24%
UU	Obsolete - Subject to U.K. tax at a rate currently undefined
UV	Obsolete - Subject to U.K. tax at 23%
UW	Subject to U.K. tax at 22%
UX	Subject to U.K. tax at 21%
UY	Subject to U.K. tax at 20%
UZ	United Kingdom - subject to tax at 10%
VA	Free of New Zealand tax
VB	Net of New Zealand tax at current rate
VC	Subject to tax
VD	Fully franked under imputation system
VE	Partly franked under imputation system
VS	Special net New Zealand tax condition applies
WA	Free of tax - Switzerland
WB	Subject to tax - Switzerland
WN	Net of tax - Switzerland
WS	Special net Swiss tax condition applies
XC	Free of Luxembourg tax
XN	Net of Luxembourg tax
XS	Special net Luxembourg tax condition applies
YA	Taiwan- Net of tax
YB	Taiwan- Subject to tax
YC	Taiwan- Free of tax
ZA	Net of Zambian tax at current rate
ZB	Subject to 15% tax - Zambia
ZC	Free of Zambian tax
ZD	Subject to 15% tax - Zimbabwe
ZE	Free of tax

ZF	Subject to tax
ZG	Net of tax
ZS	Special net Zambian tax condition applies

Income Tax Qualification

Code	Description
G	Net
N	Gross
T	Free of tax
X	Other situation

PAYLAG Payment Lag (Delay) in Days

Indicates the number of business days the coupon payment date will be delayed from the interest period end date.

PAYPRVtxt Previous Period Payment Information Record - Extended

Returns dividends and interest payment records for Non US/Canadian securities. PAYPRV returns up to five records for the previous period. A period could be the issuing company's financial year, calendar year, or done on a rolling period where payments are added on a rolling basis.

See PAYCURtxt for the layout.

PDATMTHtxt Payment Date Calculation Method

The Payment Date Calculation Method identifies how the payment date is to be calculated.

Code	Description
A	Bankers days
B	Weekends/Holidays excluded
C	Fixed date
D	Last day of the month
Z	Other
	Data not available

PE Price/Earnings Ratio

The unadjusted trade/close divided by latest 12-month earnings per share.

PERPETUAL Perpetual Flag

Identifies if the bond is a perpetual bond.

PFRQtxt Put Frequency

The Put Frequency describes the interval between puts.

Code	Description
2	Every 2 years
3	Every 3 years
4	Every 4 years

5	Every 5 years
7	Every 7 years
8	Every 8 years
A	Annually
B	Biweekly
C	Changeable
D	Daily
E	Term Mode
F	Interest At Maturity
G	Bimonthly
I	Irregular
J	Every 28 Days
K	Every 35 Days
M	Monthly
P	Tied to Prime
Q	Quarterly
R	One Time
S	Semiannually
T	Every 10 years
U	Frequency to be determined
V	When Interest Adjusts
W	Weekly
X	Mandatory Put
Z	When Interest Adjusts - Commercial Paper

PNSXtxt Pool Number Suffix

Only applicable to GNMA mortgage backed securities.

Code	Description
C	Customized - GNMA II pool containing mortgages of a single issuer.
H	Customized - GNMA II pool (HECM) containing reverse mortgages of a single issuer.
M	Mixed - GNMA II pool containing mortgages of multiple issuers.
X	GNMA I program.

PIAMT Pre-redenominated Issue Size

The **Issue Size** as reported prior to redenomination

PIKAMT Payment-in-Kind Amount-in-Security Cash Value

Indicates the annualized cash value of the preferred stock distributed if the issuer opts to satisfy the dividend obligation by issuing securities in lieu of a cash payment. This item is returned for preferred payment-in-kind (PIK) securities whose dividend is quoted as a cash amount in the prospectus.

PLCNT Pool/Loan Count

The current number of mortgage loans in the MBS pool.

PMOF Principal per 1000 of Face

The multiple used to calculate the principal payment for the current period. It is calculated by multiplying the principal in currency retired in the current payment period by one thousand and dividing that by the original face amount in currency.

PNMAX Put Notification Maximum Number of Days

The number of calendar days prior to the **Put Date** representing a holder's first opportunity to notify an issuer of intent to exercise the holder's redemption option.

PNMIN Put Notification Minimum Number of Days

The number of calendar days prior to the **Put Date** representing a holder's last opportunity to notify an issuer of intent to exercise the holder's redemption option.

PNUMX Pool Number

An identification number for FNMA, GNMA, FHLMC, and SBA pools.

PPSA PSA Speed, Pool-Specific

Prepayment projection as a percentage of the Public Securities Association (PSA) prepayment model. The data is specific to the individual pool.

PQMTHtxt Put Price Quotation Method

The Put Price Quotation Method is a code identifying how the **Put Price** is quoted.

Code	Description
A	Percentage of Par Value
B	Percentage of Accreted Value

PRC Best Price/Evaluation

The best price/evaluation for the date(s) you specify. Where there is a 3pm evaluation and a 4pm evaluation the 3pm evaluation is returned.

PRC4 4pm/Institutional Best Price/Evaluation

The best price/evaluation for the date(s) you specify. Where there is a 3pm evaluation and a 4pm evaluation the 4pm evaluation is returned.

PRCADAT Best Price/Evaluation Amendment Date

Date of the price returned by PRC

PRC4ADAT 4pm/Institutional Best Price/Evaluation Amendment Date

Date of the price returned by PRC4

PRCCODE Best Price/Evaluation Code

Price type returned by PRC
See Appendix H: itemNote

PRC4CODE 4pm/Institutional Best Price/Evaluation Code

Price type returned by PRC4
See Appendix H: itemNote

PRCCOQtxt Best Price/Evaluation Country of Quotation
Country of Quotation of the price returned by PRC
See Appendix A: Country Codes

PRC4COQtxt 4pm/Institutional Best Price/Evaluation Country of Quotation
Country of Quotation of the price returned by PRC4
See Appendix A: Country Codes

PRCCURR Best Price/Evaluation Currency
Currency description like United States Dollar of the price returned by PRC

PRC4CURR 4pm/Institutional Best Price/Evaluation Currency
Currency description like United States Dollar of the price returned by PRC4

PRCEUR Best Price/Evaluation in EUR
The price returned by PRC converted to Euros using the London close spot mid-rate for the date of the best price/evaluation.

PRC4EUR 4pm/Institutional Best Price/Evaluation in EUR
The price returned by PRC4 converted to Euros using the London close spot mid-rate for the date of the best price/evaluation.

PRCEX2 2nd Exch Best Price/Evaluation
Returns the best price/evaluation from the secondary exchange for dually listed German and Indian securities.

PRCEX2ADAT 2nd Exch Best Price/Evaluation Amendment Date
Date of the best price/evaluation returned by PRCEX2.

PRCEX2CODE 2nd Exch Best Price/Evaluation Code
Price type returned by PRCEX2
See Appendix H: itemNote

PRCCOQtxt Best Price/Evaluation Country of Quotation
Country of Quotation of the price returned by PRC
See Appendix A: Country Codes

PRC4COQtxt 4pm/Institutional Best Price/Evaluation Country of Quotation
Country of Quotation of the price returned by PRC4
See Appendix A: Country Codes

PRCEX2COQtxt 2nd Exch Best Price/Evaluation Country of Quotation
Country of Quotation of the price returned by PRCEX2
See Appendix A: Country Codes

PRCEX2CURR 2nd Exch Best Price/Evaluation Currency
Currency description like United States Dollar of the price returned by PRCEX2

PRCEX2EUR 2nd Exch Best Price/Evaluation in EUR
The price returned by PRCEX2 converted to Euros using the London close spot mid-rate for the date of the best price/evaluation.

PRCEX2EXCHtxt 2nd Exch Best Price/Evaluation Exchange
The exchange or source of the price returned by PRCEX2
See Appendix B: Universal Pricing Exchange codes

PRCEX2GBP 2nd Exch Best Price/Evaluation in GBP
The price returned by PRCEX2 converted to British Pounds using the London close spot mid-rate for the date of the best price/evaluation.

PRCEX2ISO 2nd Exch Best Price/Evaluation Currency Code
ISO Currency code of the price returned by PRCEX2

PRCEX2NOTE 2nd Exch Best Price/Evaluation Note
The type of price returned by PRCEX2
See Appendix H: itemNote

PRCEX2USD 2nd Exch Best Price/Evaluation in USD
The price returned by PRCEX2 converted to US Dollar using the London close spot mid-rate for the date of the best price/evaluation.

PRCEXCHtxt Best Price/Evaluation Exchange
The exchange or source of the price returned by PRC
See Appendix B: Universal Pricing Exchange codes

PRC4EXCHtxt 4pm/Institutional Best Price/Evaluation Exchange
The exchange or source of the price returned by PRC4
See Appendix B: Universal Pricing Exchange codes

PRCGBP Best Price/Evaluation in GBP
The price returned by PRC converted to British Pounds using the London close spot mid-rate for the date of the best price/evaluation.

PRC4GBP 4pm/Institutional Best Price/Evaluation in GBP
The price returned by PRC4 converted to British Pounds using the London close spot mid-rate for the date of the best price/evaluation.

PRCISO Best Price/Evaluation Currency Code
ISO Currency code of the price returned by PRC

PRC4ISO 4pm/Institutional Best Price/Evaluation Currency Code
ISO Currency code of the price returned by PRC4

PRCNOTE Best Price/Evaluation Note

The type of price returned by PRC
See Appendix H: itemNote

PRC4NOTE 4pm/Institutional Best Price/Evaluation Note

The type of price returned by PRC4
See Appendix H: itemNote

PRCUISO Pricing Unit ISO Currency

Currency of PRCU

PRCUSD Best Price/Evaluation in USD

The price returned by PRC converted to US Dollar using the London close spot mid-rate for the date of the best price/evaluation.

PRC4USD 4pm/Institutional Best Price/Evaluation in USD

The price returned by PRC4 converted to US Dollar using the London close spot mid-rate for the date of the best price/evaluation

PRCUtxt Pricing Unit

PRCU indicates both the currency in which the futures contract's price is expressed, and the relation of the price to the underlying commodity.

Code	Description
1	US dollars per pound
10	US dollars per 1000 square feet
100	Index points, in euro
101	Index points, in Spanish pesetas
102	Index points, in Austrian schillings
103	Index points, in Swedish krona
104	Index points, in Danish krone
105	Index points, in New Zealand dollars
106	Index points, in Brazilian reals
107	Index points, in Finnish markka
108	Index points, in Malaysian ringgits
109	British pence per therm (therm = 100,000 BTU)
11	US dollars per 1000 board feet
110	Japanese yen per 30 kilograms
111	US dollars per Russian ruble
112	US cents per euro
113	Japanese yen per kilogram
114	Swedish krona per euro
115	Swiss franc per euro
116	Japanese yen per Swiss franc
117	Japanese yen per euro

118	Euro per metric ton
119	Euro per 100 kilograms
12	US dollars per $1,000 bag
120	Euro per kilogram
121	100 Euro + LIFFE Germ Govt bd/ MEFF Span govt bd future price differential
122	British pounds per euro
123	Index points, in Portuguese escudos
124	US cents per hundred pounds
125	Index points, in Singapore dollars
126	Index points, in Norwegian krone
127	US dollars per New Zealand dollar
128	Index points, in Korean won
129	100 minus annualized interest rate, in Mexican pesos
13	British pounds per metric ton
130	Japanese yen per kiloliter
131	Czech koruna per euro
132	Czech koruna per U.S. dollar
133	Hungarian forints per U.S. dollar
134	Percent of par, in Korean won
135	U.S. dollars per South African rand
136	Euros per Polish zloty
137	U.S. dollars per Polish zloty
138	Hungarian forint per euro
139	Swedish krona per Norwegian krone
14	British pounds per 100 troy ounces
140	New Zealand dollars per Australian dollar
141	Japanese yen per British pound
142	Swiss francs per British pound
143	Norwegian krone per U.S. dollar
144	South African rand per U.S. dollar
145	Japanese yen per Australian dollar
146	Index points, in South African rand
147	Canadian dollars per Australian dollar
148	Japanese yen per Canadian dollar
149	Canadian dollars per euro
15	Canadian dollars per metric ton
150	Australian dollars per euro
151	Norwegian krone per euro
152	US dollars per share of underlying security
153	Index points, in Taiwanese dollars
154	Index points, in Mexican pesos

155	Index points, in Indian rupees
156	Malaysian Ringgits per ton
157	Index points, in Polish Zloty
158	Index points, in Hungarian Forint
159	Index points, in Thai baht
16	US dollars per Canadian dollar
160	Index points, in Turkish Lira
161	Swedish krona per USD
162	Australian dollars per Canadian dollars
163	Canadian dollars per Japanese yen
164	Australian dollars per Japanese yen
165	Australian dollars per New Zealand dollars
166	Euro per Swedish krona
167	Euro per British pound
168	Korean won per USD
169	Euro per Canadian dollars
17	US dollars per British pound
170	British pounds per Japanese yen
171	Chinese renminbi per Japanese yen
172	Chinese renminbi per Euro.
173	Euro per Norwegian krone
174	Euro per USD
175	U.S. dollars per Israeli shekel
176	Chinese renminbi per USD
177	Canadian dollar per pound.
178	Australian dollar per pound.
179	New Zealand dollar per pound
18	US dollars per Deutschemark
180	Norwegian krone per pound
181	South African rand per pound
182	Swedish krona per pound
183	Yen per Swedish krona
184	Australian dollars per USD
185	Euro per South African rand
186	Yen per New Zealand dollar
187	Yen per Norwegian krone
188	U.S. dollars per Swedish krona
189	Euro per Swiss franc
19	US dollars per French franc
190	U.S. dollars per Korean won
191	Assigned to U.S. dollars per dry metric tons

192	Assigned to U.S. dollars per tonnes
193	Indian Ruppees per U.S. dollars
194	Chinese Yuan per Metric ton
195	U.S. Dollar per Day
196	U.S. dollars and cents per gallon
197	South African Rand per Ton
198	Euro per Megawatt
199	Percent of par, in Swedish Krona
2	US cents per pound
20	US dollars per Dutch guilder
200	Percent of par, in Chinese renminbi
21	US cents per Japanese yen
22	US dollars per Mexican peso
23	Percent of par, in US dollars
24	Percent of par, in Canadian dollars
25	Percent of par, in Swiss francs
26	Percent of par, in euro
27	British pounds per long ton
28	Percent of par, in Belgian francs
29	US cents per dozen
3	US cents per bushel
30	US dollars per metric ton
31	Index points, in British pounds
32	Index points, in Japanese yen
33	Percent of par, in British pounds
34	US dollars per Japanese yen
35	Index points, in French francs
36	Percent of par, in Spanish pesetas
37	Percent of par, in Italian lira
38	US dollars per euro
39	Index points, in Hong Kong dollars
4	US cents per gallon
40	British pounds per Swiss franc
41	US dollars per Australian dollar
42	Percent of par, in Austrian schillings
43	Percent of par, in Japanese yen
44	US dollars per gallon
45	Percent of par, in Deutschemarks
46	Percent of par, in French francs
47	Swedish krona per Deutschemark
48	100 minus annual interest rate, in US dollars

49	100 minus annual interest rate, in Canadian dollars
5	US dollars per barrel
50	100 minus annual interest rate, in British pounds
52	Percent of par, in Australian dollars
53	US cents per Deutschemark
54	US cents per 100 Japanese yen
55	US cents per British pound
56	British pounds per barrel
57	US dollars per 1,000,000 BTU
58	100 minus annual interest rate, in Deutschemarks
59	100 minus annual interest rate, in Australian dollars
6	US dollars per ton
60	100 minus annual interest rate, in euro
61	100 minus annual interest rate, in Italian lira
62	Index points, in US dollars
63	Japanese yen per gram
64	100 minus annual interest rate, in Swiss francs
65	100 minus annual interest rate, in Spanish pesetas
66	100 minus annual interest rate, in Danish krone
67	British pounds per US dollar
68	Dutch guilders per US dollar
69	Japanese yen per Deutschemark
7	US cents per troy ounce
70	Canadian dollars per US dollar
71	Deutschemarks per US dollar
72	US dollars per Swiss franc
73	Spanish pesatas per US dollar
74	Percent of par, in Danish krone
75	100 minus annual interest rate, in French francs
76	Percent of par, in New Zealand dollars
77	Percent of par, in Dutch guilders
78	100 minus annual interest rate, in Japanese yen
79	100 minus annual interest rate, in New Zealand dollars
8	US dollars per troy ounce
80	Swiss francs per Deutschemark
81	Index points, in Canadian dollars
82	Swiss francs per US dollar
83	French francs per Deutschemark
84	Italian lira per Deutschemark
85	Deutschemarks per British pound
86	Japanese yen per US dollar

87	Bushels per acre
88	Index points, in Deutschemarks
89	US dollars per Brazilian real
9	US dollars per hundred pounds
90	Index points, in Australian dollars
91	Index points, in Swiss francs
92	US dollars per megawatt hour
93	Index points, in Dutch guilders
94	Australian dollars per metric ton
95	Index points, in Italian lira
96	Japanese yen per metric ton
97	Index points, in Belgian francs
98	Japanese yen per 10 kilograms
99	100 minus annual interest rate, in Belgian francs

PRCTAXtxt Preferred Corporate Dividend Federal Tax Status

The Preferred Corporate Dividend Federal Tax Status indicates the method stated in the prospectus by which corporations which own preferred securities of other companies for investments are entitled to deduct part of the dividend as non-taxable to the corporation since the issuing corporation has already paid taxes on the dividend it declared.

Code	Description
A	New money tax exclusion - 70%
B	Old money tax exclusion - 50%
C	Blended New/Old tax exclusion - issues reopening after 1942 may reflect the proportions issued before and after the tax change time
D	Not excludable
E	Tax Exempt
Z	Other situation

PREFtxt Prepayment Speed

Identifies the type of prepayment speed

Code	Description
	Unknown Prepayment Speed
A	Absolute Prepayment Speed
B	CPR to ARM Reset
C	Conditional Prepayment Speed
F	FNMA Prepayment Scenario
H	Home Equity Fixed Ramp Prepayment Speed
L	Simple Prepayment Rate
M	Manufactured Housing Prepayment Speed
O	Option Adjusted Spread Speed
P	PSA Prepayment Speed

R	User-Defined Prepayment SCRIPT Model
S	Single Monthly Mortality Speed
T	Constant Percent Prepayment
V	Prospectus Prepayment Curve
Y	Constant Percent Yield - Maintenance

PREP Prepayment Speed

A percentage figure identifying the prepayment rate in relation to a standard.

PRICETYPE Clean/Dirty Flag

Returns 'CLEAN' or 'DIRTY' to indicate if the evaluation includes accrued interest or not.

PRIDDT Previous Identifier Change Date

The date associated with the PRIDEN (Previous Identifier) found in the SIRS product

PRIDEN Previous Identifier

When the identifier for a security changes and SIRS returns information under the new identifier, the Previous Identifier, returned for U.S./Canadian securities, is the old identifier (with check digit) for the security.

PRINFACT Principal Factor

The aggregated factor of all adjustments to the principal amount as of a specific settlement date. For Sinking fund bonds, this value will be equal to or adjusted by the sink factor. For an Index linked bond, this value may be adjusted by the Index Ratio. For US CMO/ABS/MBS securities, this value will be reflective of the factor as of a specific settlement date. For Munis, it's the current principal amount divided by issue amount.

PRINFACTADAT Date of Principal Factor

The date of the principal factor returned by PRINFACT.

PRNT Parent Pool CUSIP Number

Returns the parent CUSIP for GNMA Serial Note lot and units.

PROCEEDStxt Use of Proceeds

Use of Proceeds, available for municipal bonds, describes the purpose of the borrowing.

Code	Description
A1	Single-family housing
A2	Multi-family housing
A3	Single/Multi-family housing
A4	New Public Housing
A5	CMO-Backed Housing
A6	Senior Housing Independent Living
A7	Student Housing
A9	Other Housing

E1	Primary/Secondary Education
E2	Higher Education
E3	Student Loans
E4	Libraries or Museums
E5	Private Higher Education
E6	Public Higher Education
E7	Charter School
E9	Other Education
GA	Military Housing
GB	Public Human Service Provider
GC	Mobile Home
GE	Other Post Employee Benefits
GP	Pension Obligation
G1	Government/Public Buildings
G2	Fire Station/Equipment
G3	Correction Facilities/Courts
G4	General Purpose
G5	Police Station/Equipment
G6	Redevelopment/Land Clearance
G7	Land Preservation
G9	Other Public Services
H1	Hospitals
H2	Hospital Equipment Loans
H3	Nursing Homes
H4	Lifecare/Retirement Centers
H9	Other health Care
IA	Private Human Service Provider
IB	Hotel
I1	Industrial Development
I2	Pollution Control
I3	Solid Waste/Resource Recovery
I4	Economic Development
I5	Office Buildings/Ltd. Partner
I6	Malls/Shopping Centers
I7	Secured airlines
I8	Unsecured airlines
I9	Other Industrial Development
R1	Civic and Convention Center
R2	Stadiums/Sports Complex
R3	Theatres
R4	Parks, Zoos, and Beaches

R9	Other Recreation
T1	Airports
T2	Seaports/Marine Terminals
T3	Streets/Highway
T4	Bridges
T5	Tunnels
T6	Parking Facilities
T7	Mass/Rapid Transit
T8	Toll Road
T9	Other Transportation
UA	Sewer
UB	Cogeneration
U1	Electricity and Public Power
U2	Water and Sewer
U3	Gas
U4	Telecommunications Infrastructure
U5	Sanitation
U6	Flood Control/Storm Drainage
U7	Combined Utilities
U8	Water
U9	Other Utilities
Z1	Veterans
Z2	Agriculture
Z3	Irrigation
Z9	Unknown
17	Secured Airlines
18	Unsecured Airlines

PROJECT Project Name

Available for municipal securities, describes the project being funded by the bond issue. This item may also contain features of the issue, and is primarily populated for non-profit issues.

PSCD Put Schedule

PSCD is a record item which returns the following fields

Field Description	Description	Code table notes
Put Date	The date on which a Put Price is effective.	Not applicable
Put Price	The Put Price is the price corresponding to a put option on a Put Date. The price may represent the percentage of par or the percentage of accreted value. For municipals, it is expressed as a percentage of the Minimum Purchase: Primary.	Not applicable

PTIMtxt Put Timing

The Put Timing identifies times in the year when the put may be exercised by the holder.

Code	Description
A	On specified put date(s)
B	On any payment date
C	At any time/continuous
Z	Other

PTYPtxt Pool Type

The Pool Type is a code, assigned by each agency/GSE, describing the characteristics common to the mortgages or loans in a pool. For GNMA and FNMA securities, it defines the type of mortgages comprising the pool. For FHLMC securities, it is the participation certificate (PC) prefix for mortgages comprising the pool. For SBA, it is the type of loans comprising the pool.

PTYPtxt utilizes a compound code table meaning if utilizes more than one item to derive the unique code listed below. To produce the codes listed below concatenate the code from AGENCY (Guaranteeing Agency) and PTYP.

Code	Description
AAF	GNMA, Adjustable rate hybrid, initial fixed rate period 5 years
AAQ	GNMA, Adjustable
AAR	GNMA, Adjustable rate
AAS	GNMA, Adjustable rate hybrid, initial fixed rate period 7 years
AAT	GNMA, Adjustable rate hybrid, initial fixed rate period 3 years
AAX	GNMA, Adjustable rate hybrid, initial fixed rate period 10 years
ABD	GNMA, Buy-down
ACL	GNMA, Construction loan
ACS	GNMA, Construction loan, split rate
AFB	GNMA, Adjustable rate hybrid, initial fixed rate period 5 years, LIBOR
AFL	GNMA, Five year hybrid adjustable rate security. Interest adjustment date occurs between 61-63 months
AGA	GNMA, Growing equity (monthly payments increase 4% annually for life of loan)
AGD	GNMA, Growing equity (monthly payments increase annually at various rates)
AGP	GNMA, Graduated payment (monthly payments increase annually for no more than 5 years)

AGT	GNMA, Graduated payment (monthly payments increase annually for no more than 10 years)
AJM	GNMA, Jumbo pools eligible for FHA insurance under the Economic Stimulus Act of 2008; single family, fixed rate, level payments
AJP	GNMA, Platinum 15 year
ALM	GNMA, Mature loan program
ALS	GNMA, Small loan program
AMH	GNMA, Mobile home
APL	GNMA, Project loan
APN	GNMA, Project non-level payment
AQL	GNMA, Adjustable rate 1 year LIBOR
ARL	GNMA, Adjustable rate 1 year LIBOR
ARX	GNMA, Mark-to-market loan
ASF	GNMA, Single family
ASL	GNMA, Adjustable rate hybrid, initial fixed rate period 7 years, LIBOR
ASN	GNMA, Serial note
ASP	GNMA, Platinum 30 year
ATL	GNMA, Adjustable rate hybrid, initial fixed rate period 3 years, LIBOR
AXL	GNMA, Adjustable rate hybrid, initial fixed rate period 10 years, LIBOR
BAF	GNMA, Adjustable rate hybrid, initial fixed rate period 5 years
BAP	Jumbo Fixed 30yr. Allowable Collateral of JM and SF
BAQ	GNMA, Adjustable
BAR	GNMA, Adjustable rate
BAS	GNMA, Adjustable rate hybrid, initial fixed rate period 7 years
BAT	GNMA, Adjustable rate hybrid, initial fixed rate period 3 years
BAX	GNMA, Adjustable rate hybrid, initial fixed rate period 10 years
BBD	GNMA, Buy-down
BBP	Jumbo Fixed 15yr. Allowable Collateral of JM and SF
BCL	GNMA, Construction loan
BCS	GNMA, Construction loan, split rate
BFB	GNMA, Adjustable rate hybrid, initial fixed rate period 5 years, LIBOR

BFL	GNMA, Adjustable rate hybrid, initial fixed rate period 5 years, LIBOR
BFP	Jumbo Fixed 30yr. Allowable Collateral of FS
BFS	GNMA, Fixed rate conventional loans to FHA-insured refinanced loans with subordinated second liens.
BFT	GNMA Adjustable rate hybrid, initial fixed rate period 5 years
BGA	GNMA, Growing equity (monthly payments increase 4% annually for life of loan)
BGD	GNMA, Growing equity (monthly payments increase annually at various rates)
BGP	GNMA, Graduated payment (monthly payments increase annually for no more than 5 years)
BGT	GNMA, Graduated payment (monthly payments increase annually for no more than 10 years)
BJM	GNMA, Jumbo pools eligible for FHA insurance under the Economic Stimulus Act of 2008; single family, fixed rate, level payments
BJP	GNMA, Platinum 15 year
BLM	GNMA, Mature loan program
BLS	GNMA, Small loan program
BMH	GNMA, Mobile home
BPL	GNMA, Project loan
BPN	GNMA, Project non-level payment
BQL	GNMA, Adjustable rate 1 year LIBOR
BRL	GNMA, Adjustable rate 1 year LIBOR
BRX	GNMA, Mark-to-market loan
BSF	GNMA, Single family
BSL	GNMA, Adjustable rate hybrid, initial fixed rate period 7 years, LIBOR
BSN	GNMA, Serial note
BSP	GNMA, Platinum 30 year
BTL	GNMA, Adjustable rate hybrid, initial fixed rate period 3 years, LIBOR
BWA	1/5 cap for CMT 3 year hybrids. Allowable Collateral of AT
BWB	1/5 cap for CMT 5 year hybrids. Allowable Collateral of AF
BWC	2/6 cap for CMT 5 year hybrids. Allowable Collateral of FT

BWD	2/6 cap for CMT 7 year hybrids. Allowable Collateral of AS
BWE	2/6 cap for CMT 10 year hybrids. Allowable Collateral of AX
BWF	1/5 cap for ICE LIBOR pools 3 year hybrids. Allowable Collateral of TL
BWG	1/5 cap for ICE LIBOR pools 5 year hybrids. Allowable Collateral of FL
BWH	2/6 cap for ICE LIBOR pools 5 year hybrids. Allowable Collateral of FB
BWI	2/6 cap for ICE LIBOR pools 7 year hybrids. Allowable Collateral of SL
BWJ	2/6 cap for ICE LIBOR pools 10 year hybrids. Allowable Collateral of XL
BWK	1/5 cap for CMT. Allowable Collateral of AR, AQ,AT,AF
BWL	1/5 cap for ICE LIBOR. Allowable Collateral of RL,QL,TL,FL
BWM	2/6 cap for CMT. Allowable Collateral of FT, AS,AX
BWN	2/6 cap for ICE LIBOR. Allowable Collateral of FB,SL,XL
BXL	GNMA, Adjustable rate hybrid, initial fixed rate period 10 years, LIBOR
CAF	GNMA, Adjustable rate hybrid, initial fixed rate period 5 years
CAQ	GNMA, Adjustable
CAR	GNMA, Adjustable rate
CAS	GNMA, Adjustable rate hybrid, initial fixed rate period 7 years
CAT	GNMA, Adjustable rate hybrid, initial fixed rate period 3 years
CAX	GNMA, Adjustable rate hybrid, initial fixed rate period 10 years
CBD	GNMA, Buy-down
CCL	GNMA, Construction loan
CCS	GNMA, Construction loan, split rate
CFB	GNMA, Adjustable rate hybrid, initial fixed rate period 5 years, LIBOR
CFL	GNMA, Adjustable rate hybrid, initial fixed rate period 5 years, LIBOR
CGA	GNMA, Growing equity (monthly payments increase 4% annually for life of loan)

CGD	GNMA, Growing equity (monthly payments increase annually at various rates)
CGP	GNMA, Graduated payment (monthly payments increase annually for no more than 5 years)
CGT	GNMA, Graduated payment (monthly payments increase annually for no more than 10 years)
CJM	GNMA, Jumbo pools eligible for FHA insurance under the Economic Stimulus Act of 2008; single family, fixed rate, level payments
CJP	GNMA, Platinum 15 year
CLM	GNMA, Mature loan program
CLS	GNMA, Small loan program
CMH	GNMA, Mobile home
CPL	GNMA, Project loan
CPN	GNMA, Project non-level payment
CQL	GNMA, Adjustable rate 1 year LIBOR
CRL	GNMA, Adjustable rate 1 year LIBOR
CRX	GNMA, Mark-to-market loan
CSF	GNMA, Single family
CSL	GNMA, Adjustable rate hybrid, initial fixed rate period 7 years, LIBOR
CSN	GNMA, Serial note
CSP	GNMA, Platinum 30 year
CTL	GNMA, Adjustable rate hybrid, initial fixed rate period 3 years, LIBOR
CXL	GNMA, Adjustable rate hybrid, initial fixed rate period 10 years, LIBOR
DSL	GNMA, Serial note lot
DSU	GNMA, Serial note unit
EAB	FNMA, Alaska housing, conventional growing equity
EAC	FNMA, Adjustable rate, single family, 2% adjustment, convertible
EAF	FNMA, Adjustable rate, single family, 1% adjustment, 1 year Treasury Constant Maturity, convertible
EAG	FNMA, Adjustable rate, single family, 2% adjustment, 3 year Treasury Constant Maturity, convertible
EAJ	FNMA, Adjustable rate, single family, 1% adjustment, 11th district cost of funds
EAK	FNMA, Adjustable rate, single family, 1% adjustment, 11th district cost of funds, convertible
EAM	FNMA, Conventional adjustable rate, multi-family

EAS	FNMA, Conventional adjustable rate, single family
EAU	FNMA, Adjustable rate, 1% adjustment, 6 mo. CD
EAX	FNMA, Adjustable rate, 2% adjustment, convertible
EA1	FNMA, Adjustable rate, single family, 1% adjustment, 1 year Treasury Constant Maturity
EA2	FNMA, Adjustable rate, single family, 2% adjustment, 1 year T-Bill
EBI	FNMA, Conventional intermediate-term (15 yrs. or less), level payment, biweekly, single family
EBL	FNMA, Conventional long-term (30 yrs. or less), level payment, biweekly, single family
ECA	FNMA, Conventional long-term (16-30 years), level payment, assumable, single family
ECB	FNMA, Conventional, extra long term, level payment mortgages, single family, maturing or due in 40 years or less, assumable
ECI	FNMA, Conventional intermediate-term (15 yrs. or less), level payment, single family
ECJ	FNMA, Conventional, fixed rate, jumbo-conforming, intermediate term, level payment, single family, maturing or due in 15 years or <, Economic Stimulus Act
ECK	FNMA, Conventional, fixed rate, jumbo-conforming, long term, level payment, single family, maturing or due in 30 years or <, Economic Stimulus Act of 2008
ECL	FNMA, Conventional long-term, level payment
ECN	FNMA, Conventional short-term (10 yrs. or less), level payment, single family
ECP	FNMA, Conventional, long term, level-payment mortgages; single family, maturing or due in greater than 15 years. Pools comprised entirely of mortgages wit
ECQ	FNMA, Conventional Long-Term, Level-Payment Mortgages; Single-Family; maturing or due in 30 years or less
ECR	FNMA, Conventional Long-Term, Level-Payment Mortgages; Single-Familly; maturing or due in 30 years or less. The pool is comprised entirely of mortgages w
ECS	FNMA, Conventional short-term (7 yrs. or less), level payment, single family

ECT	FNMA, Conventional intermediate-term, single family, (20 yrs. or less)
ECV	FNMA, Conventional Intermediate-Term, Level-Payment Mortgages; Single-Familly; maturing or due in 15 years or less. The pool is comprised entirely of mor
ECW	FNMA, Conventional Intermediate-Term, Level-Payment Mortgages; Single-Familly; maturing or due in 15 years or less. The pool is comprised entirely of mor
ECX	FNMA, Conventional balloon, level payment, single family, 7 yrs. or less
ECY	FNMA, Conventional balloon (7 yrs. or greater), level payment, single family
ECZ	FNMA, conventional, extra-long term, level payments, single family maturing or due in 40 years of less.
EC3	FNMA, Conventional growing equity with 3% annual payment increases, single family
EC4	FNMA, Conventional growing equity with 4% annual payment increases, single family
EC5	FNMA, Conventional growing equity with 5% annual payment increases, single family
EC7	FNMA, Conventional growing equity with 7.5% annual payment increases, single family
EDI	FNMA, Conventional short-term (15 yrs. or less), level payment, partial buydown, single family
EDL	FNMA, Conventional long-term, level payment, partial buydown
EDX	FNMA, Conventional balloon (7 yrs. or less), level payment, single family,
EEL	FNMA, Conventional long-term (30 yrs. or less), graduated payment mortgage (graduated payment ended), single family
EFL	FNMA, Government (FMHA),long-term (30 yrs. or less), level payment, single family
EGA	FNMA, Government, adjustable, single family. Pool may contain certain higher balance FHA loans originated on or after March 6, 2008.
EGC	FNMA, Conventional, graduated payment, single family
EGG	FNMA, Government graduated payment, single family

EGI	FNMA, Government, Intermediate-Term, Level-Payment Mortgages; Single-Family; maturing or due in 15 years or less
EGL	FNMA, Government (FHA/VA), long-term (30 yrs. or less), level payment. Pool may contain certain higher balance FHA loans originated on or after March 6, 2
EGM	FNMA, GNMA-Backed Mega pools, 15 yrs.
EGN	FNMA, GNMA-Backed Mega pools, 30 yrs.
EGO	FNMA, Government, level-payment mortgages; single-family; each pool is comprised entirely of loans which were delinquent for 90 days or more during the 12
EGQ	FNMA, Weighted average fixed rate MEGA backed by 15 year GNMA's
EGR	FNMA, GNMA-Backed Mega pools, adjustable
EGW	FNMA, Weighted average adjustable rate MEGA backed by 30 year GNMA's
EHC	FNMA - Conventional Hybrid Adjustable-Rate Mortgages; initial Fixed-Rate period followed by an Adjustable-Rate period for the remaining term; Secured Over
EHF	FNMA - Conventional Adjustable-Rate Mortgages, Secured Overnight Financing Rate, Actual/360 interest day basis calculation; Multifamily
EHI	FNMA, Conventional, intermediate term, actual/360 interest day calculation; level payment mortgages, multifamily, maturing or due in 15 years or less
EHL	FNMA, Conventional, long-term, level payment, multifamily mortgages; actual/360 day interest accrual, maturing or due in greater than 25 years but less th
EHN	FNMA, Conventional, short term, level payment, multi-family, mortgages maturing or due in 10 yrs. or less, actual/360 interest day basis calculation
EHO	FNMA, Conventional Short-Term Adjustable-Rate, Actual/360 Interest day basis calculation; Multi-family; maturing or due in 3 years or less
EHR	FNMA, Conventional, adjustable rate supplemental lien, actual/360 interest day basis calculation, multifamily, maturity dates vary
EHS	FNMA, Conventional, short term, level payment, multi-family, mortgages maturing or due in 10 yrs. or less, actual/360 interest day basis calculation

EHT	FNMA, Conventional, multi-family, maturing or due in less than 20 years, level payment mortgage, actual/360 day interest accrual
EHU	FNMA - Conventional Hybrid Adjustable-Rate Supplemental Lien Mortgages; initial Fixed-Rate period followed by an Adjustable-Rate period for the remaining
EHW	FNMA - Conventional Adjustable-Rate Supplemental Lien Mortgages, Secured Overnight Financing Rate, Actual/360 interest day basis calculation; Multifamily
EHX	FNMA, Conventional, short-term, balloon, level-payment mortgages, actual/360 day interest day basis calculation, multifamily, maturing or due in less than
EHY	FNMA, Conventional balloon, multi-family, maturing or due in greater than 7 years, actual/360 day interest accrual
EH2	FNMA, Conventional, multifamily second lien mortgages; actual/360 day interest accrual, maturity dates may vary
EH4	FNMA, Conventional, Balloon, Actual/360 int day basis calculation; Multifamily maturing or due in greater than 30 years
EII	FNMA, Conventional, intermediate term; rate improvement mortgages, single family, initial term of 8 to 15 years.
EIL	FNMA, Conventional, long term, rate improvement mortgages, single family, initial term of greater than 15 years.
EI1	FNMA, Conventional Intermediate-Term, Reperforming Modified, Level-Payment Mortgages; Single-Family; maturing or due in 15 years or less.
EI2	FNMA, Conventional Intermediate-Term, Reperforming Modified, Level-Payment Mortgages; Single-Family; maturing or due in 20 years or less.
EI3	FNMA, Conventional Long-Term, Reperforming Modified, Level-Payment Mortgages; Single-Family; maturing or due in 30 years or less.
EJI	FNMA, Conventional intermediate-term (15 yrs. or less), level payment, partial balance with special product characteristics, single family, or pool contai

EJL	FNMA, Conventional long term (15 yrs. or greater), level-payment, partial balance with special product characteristics, single family, or pool contains ju
EJM	FNMA, Non-standard mortgages, multifamily, maturity dates may vary
EJU	FNMA, Weighted-Average Fixed-Rate Mega, backed by Conventional Level-Payment Mortgages; Single-Family; interest rates and maturity dates vary. Prefixes of
EJZ	FNMA, Conventional, extra long term mortgages, single family, initial terms greater than 30 years.
EKI	FNMA, Conventional, long-term, level payment, single family, mortgages maturing 15 yrs, or less, comprised of loans with prepayment premium provisions
EKL	FNMA, Conventional, long term, level payment, single family, mortgages maturing 30 yrs. or less, comprised of loans with prepayment penalties
EK0	FNMA, Conventional, long-term, level payment mortgages, single family; maturing or due in greater than 15 years but less than or equal to 30 years; pool i
EK1	FNMA, Conventional, intermediate-term, level payment mortgages, single family; maturing or due in 15 years or less; pool issue balance is comprised entire
EK2	FNMA, Conventional, long term, level payment, single family, mortgages maturing 15 yrs. or more, comprised of loans with a 5-year prepayment premium provi
EK3	FNMA, Conventional intermediate-term (15 yrs. or less), level payment, single family, issue balance comprised entirely of loans with 5-year prepayment pre
ELA	FNMA, Adjustable rate mortgage, single family, uniform 5/1 hybrid, indexed to the 1 year Wall Street Journal LIBOR, 5 year initial fixed period, 5% cap in
ELB	FNMA, Adjustable rate, LIBOR, single family
ELC	FNMA, Conventional, adjustable rate, jumbo-conforming mortgages, single family, LIBOR, pool contains jumbo-conforming loans with an origination date begin

ELD	FNMA, Conventional, adjustable rate, jumbo-conforming mortgages, single family, LIBOR, pool contains jumbo-conforming loans with an origination date on or
EMA	FNMA, 40-Year MOD Fixed Rate Gold PC
EMB	FNMA, Conventional Adjustable-Rate. Balloon Mortgages;Multifamily;maturity dates vary.
EMC	FNMA - Conventional Hybrid Adjustable-Rate Mortgages; initial Fixed-Rate period followed by an Adjustable-Rate period for the remaining term; Secured Over
EMD	FNMA, 15-Year MOD Fixed Rate Gold PC
EMF	FNMA - Conventional Adjustable-Rate Mortgages, Secured Overnight Financing Rate, 30/360 interest day basis calculation; Multifamily
EMG	FNMA, Government (FHA), balloon, level payment project mortgages; multifamily; maturity dates vary
EMI	FNMA, Conventional intermediate-term (15 yrs. or less), level payment, multi-family
EML	FNMA, Conventional long-term, level payment, multi-family
EMN	FNMA, Conventional short-term (10 yrs. or less), level payment, multi-family
EMS	FNMA, Conventional, short-term, level payment, multifamily, maturing or due in 7 years or less
EMT	FNMA, Conventional long term (20 yrs. or less), level payment, multi-family
EMX	FNMA, Conventional balloon payment, multi-family
EMY	FNMA, Conventional balloon (7 yrs. or more), level payment, multi-family
ENA	FNMA, Conventional extra long-term; single-family; commencing with interest only period > three years and < or equal to five years; fully amortizing level
ENB	FNMA, Conventional extra long-term, single-family, commencing with Interest Only period greater than or equal to seven years and less than or equal to ten
ENE	FNMA, Conventional, extra long term; single family; commencing with interest only period greater than 3 years and less than or or equal to 5 years; fully
ENF	FNMA, Conventional, extra long term; single family; commencing with interest only period > or equal to 7 years and < or equal to 10 years; fully amortizin

ENJ	FNMA, Conventional, long-term, single family, commencing with IO period >= 7 years and <= 10 years; fully amortizing level payments for the remaining term
ENO	FNMA, Conventional, long term, single family, commencing with Interest Only period greater than 3 years and less than or equal to 5 years; fully amortizin
ENP	FNMA, Conventional, long term, single family, commencing with Interest Only period greater than or equal to 7 years and less than or equal to 10 years; fu
ENQ	FNMA, Conventional, long term, single family, commencing with Interest Only period greater than or equal to 10 years and less than or equal to 15 years; f
ENR	FNMA, Conventional, long term, single family, commencing with Interest Only period greater than 15 years and less than or equal to 20 years; fully amortiz
EOI	FNMA, Conventional intermediate-term (15 yrs. or less), level payment, single family. Includes mortgages with < 25 basis pts for servicing fee
EOL	FNMA, Conventional, long term, level payment, single family, mortgages maturing or due in 15 yrs. or more. Includes mortgages with less than 25 basis poin
EPA	FNMA, Conventional adjustable rate, co-operative share
EPI	FNMA, Conventional intermediate-term (15 yrs. or less), level payment, co-operative share
EPL	FNMA, Conventional long-term, level payment, co-operative share
EQI	FNMA, Conventional intermediate term, multi-family, maturing or due in 15 years or less, level payment mortgage, actual/360 day interest day basis calcula
EQN	FNMA, Conventional short term, multi-family, maturing or due in 10 years or less, level payment mortgage, actual/360 day interest day basis calculation me
EQT	FNMA, Conventional intermediate term, multi-family, maturing or due in 20 years or less, level payment mortgage, actual/360 day interest day basis calcula

EQY	FNMA, Conventional balloon, multi-family, maturing or due in 7 years or more, level payment mortgage, actual/360 day interest day basis calculation method
ERE	FNMA, Conventional long-term, level payment, relocation, single family
ERI	FNMA, Conventional intermediate-term (15 yrs. or less), level payment, relocation, single family
ERL	FNMA, Conventional long-term, reverse buy-down, single family
ERX	FNMA, Conventional balloon (7 yrs. or less), level-payment, relocation
ER1	FNMA, Conventional Intermediate-Term, Non-Modified Reperforming, Level-Payment Mortgages; Single-Family; maturing or due in 15 years or less.
ER2	FNMA, Conventional Intermediate-Term, Non-Modified Reperforming, Level-Payment Mortgages; Single-Family; maturing or due in 20 years or less.
ER3	FNMA, Conventional Long-Term, Non-Modified Reperforming, Level-Payment Mortgages; Single-Family; maturing or due in 30 years or less.
ESO	FNMS, Conventional Adjustable-Rate Mortgages; Single Family; Secured Overnight Financing Rate (SOFR)
ES1	FNMA, Conventional, long term, adjustable rate mortgages, single family, includes a wide variety of ARM types and indices, maturing or due in 30 years or
ES2	FNMA, Conventional, extra long term, adjustable rate mortgages, single family, includes a wide variety of ARM types and indices, maturing or due in 40 yea
ETJ	FNMA, Government, Title I Home Improvement Loans, level payment, maturing or due in more than 3 but less than 5 years
ETK	FNMA, Government, FHA Title 1 Home Improvement Loans, level payment, maturing or due in more than 5 yrs. but less than 10 yrs.
ETQ	FNMA, Government, FHA Title 1 Home Improvement Loans, level payment, maturing or due in more than 10 yrs. but less than 15 yrs.
ETT	FNMA, Government (FHA), Title I Home Improvement Loans, level payment, maturing in more than 10 but less than 20 years

EU1	FNMA, Conventional Intermediate-Term, Reperforming Modified Step Rate Mortgages; Single-Family; maturing or due in 15 years or less.
EU2	FNMA, Conventional Intermediate-Term, Reperforming Modified Step Rate Mortgages; Single-Family; maturing or due in 20 years or less.
EU3	FNMA, Conventional Long-Term, Reperforming Modified Step Rate Mortgages; Single-Family; maturing or due in 30 years or less.
EU4	FNMA, Conventional Extra Long-Term, Reperforming Modified Step Rate Mortgages; Single-Family; maturing or due in 40 years or less.
EVL	FNMA, Conventional long-term, California variable rate, single family
EWA	FNMA, Adjustable rate, single family, 11th District Cost of Funds, 2% adjustment
EWC	FNMA, Adjustable rate, single family, 1 year Treasury Constant Maturity, 2% adjustment, convertible
EWD	FNMA, Adjustable rate, single family, 1 year Treasury Constant Maturity, 2% adjustment
EWE	FNMA, Adjustable rate, 11th District Cost of Funds, single family
EWF	FNMA, Adjustable rate, single family, 1% adjustment, convertible
EWG	FNMA, Adjustable rate, single family, 1 year Treasury Constant Maturity, Convertible
EWH	FNMA, Adjustable rate, single family, 1 year Treasury Constant Maturity, 2% adjustment
EWJ	FNMA, Adjustable rate, single family, 11th District Cost of Funds, 1% adjustment
EWK	FNMA, Adjustable rate, single family, 11th District Cost of Funds, 1% adjustment, convertible
EWN	FNMA, Adjustable rate, single family, 11th District Cost of Funds, 1% adjustment
EWP	FNMA, Adjustable rate, single family, 1 year Treasury Constant Maturity, 2% adjustment, convertible
EWQ	FNMA, Adjustable rate, single family, 11th District Cost of Funds, 2% adjustment, convertible
EWS	FNMA, Conventional adjustable rate, single family
EWT	FNMA, Adjustable rate, single family, 1% adjustment, 6 month CD, convertible

EWU	FNMA, Adjustable rate, single family, 1% adjustment, 6 month CD
EWX	FNMA, Adjustable rate, single family, 1 year Treasury Constant Maturity, 2%, convertible
EWZ	FNMA, Conventional Extra Long-Term, Adjustable-Rate Mortgages; Single-Family; includes a variety of ARM types and indices; maturing or due in forty (40) y
EW1	FNMA, Adjustable rate, single family, 1 year Treasury Constant Maturity, 1% adjustment
EW2	FNMA, Adjustable rate, single family, 1 year Treasury Constant Maturity, 2% adjustment
EW3	FNMA, Adjustable rate, single family, 3 year Treasury Constant Maturity, 2% adjustment
EW5	FNMA, Adjustable rate, single family, 5 year Treasury Constant Maturity, 2% adjustment
EW7	FNMA, Adjustable rate, single family, 10 year Treasury Constant Maturity, 6% limit
EXA	FNMA, Adjustable-Rate Mega, backed by conventional Adjustable-Rate Mortgages; Actual/360 interest day basis calculation; Multifamily; maturity dates vary.
EXB	FNMA, Adjustable-Rate Mega, backed by conventional Adjustable-Rate Balloon Mortgages; Multifamily; maturity dates vary
EXF	FNMA - Adjustable-Rate Mega backed by Conventional Adjustable-Rate Mortgages indexed to the Secured Overnight Financing Rate; Actual/360 interest day basi
EXL	FNMA, Weighted-Average Fixed-Rate Mega, backed by Conventional Long-Term, Actual/360 interest day basis calculation; Level-Payment Mortgages; Multifamily;
EXM	FNMA, Adjustable-Rate Mega, backed by conventional Adjustable-Rate Mortgages; Multifamily; maturity dates vary.
EXN	FNMA, Weighted-Average fixed rate MEGA, backed by conventional multifamily, short term, actual/360 interest day basis calculation; level payment mortgages

EXR	FNMA, Adjustable-Rate Mega, backed by conventional Adjustable-Rate Supplemental Lien Mortgages; Actual/360 interest day basis calculation; Multifamily; ma
EXS	FNMA, Weighted-Average Fixed-Rate Mega, backed by Conventional Short-Term, Level-Payment Mortgages using an Actual/360 interest day basis calculation meth
EXT	FNMA, Weighted-Average Fixed-Rate Mega, backed by Conventional Intermediate-Term. Actual/360 interest day basis calculation, Level-Payment Mortgages, Mult
EXX	FNMA, Weighted-Average fixed rate MEGA, backed by conventional, short term, balloon, level-payment mortgages, actual/360 interest day basis calculation; m
EXW	FNMA - Adjustable-Rate Mega backed by Conventional Adjustable Rate Supplemental Lien Mortgages indexed to the Secured Overnight Financing Rate; Actual/360
EXY	FNMA, Weighted average fixed rate MEGA, backed by conventional balloon, actual/360 interest day basis calculation, multi-family, maturing or due in greate
EX2	FNMA, Weighted average fixed rate MEGA, backed by conventional second lien mortgages, actual/360 interest day basis calculation, multi-family, maturing da
EYB	FNMA, Weighted average fixed rate MEGA backed by conventional intermediate-term (7 yrs. or less) balloon level payment second mortgages; single family
EYF	FNMA - Adjustable-Rate Mega backed by Conventional Adjustable-Rate Mortgages indexed to the Secured Overnight Financing Rate; 30/360 interest day basis ca
EYH	FNMA, Weighted average fixed rate MEGA backed by conventional intermediate-term (15 yrs. or less) level payment second mortgages; single family
EYL	FNMA, Weighted average fixed rate Mega, backed by conventional balloon; level-payment mortgages, multi-family, maturing or due in 30 years or less

EYT	FNMA, Weighted average fixed rate MEGA backed by conventional level payment balloon multifamily mortgages maturing or due in 15 years or less
EYX	FNMA, Weighted average fixed rate MEGA backed by conventional level payment balloon multi-family mortgages with varying maturity dates
EYY	FNMA, Weighted average fixed rate MEGA backed by conventional level payment balloon multi-family mortgages maturing in more than 7 years
EZB	FNMA, Adjustable-Rate Mega security collateralized by REMIC certificates which are directly or indirectly backed by Conventional Adjustable-Rate Mortgages
EZC	FNMA, Mega security collateralized by REMIC certificates which are directly or indirectly backed by Conventional Long-Term, Level-Payment Mortgages; Singl
EZG	FNMA, REMIC/SMBS certificates backed by GNMA mortgages, long-term (30 yrs. or less)
EZI	FNMA, Mega security collateralized by REMIC certificates which are directly or indirectly backed by Conventional Intermediate-Term, Level-Payment Mortgage
EZK	FNMA, Mega security collateralized by REMIC certificates which are directly or indirectly backed by Conventional Long-Term, Level-Payment Mortgages; Singl
EZL	FNMA, REMIC/SMBS certificates, long-term (30 yrs. or less), single family
EZP	FNMA, Mega security collateralized by REMIC certificates which are backed by Long Term, Single Family, commencing with Interest Only period >= 7 yr and <=
EZT	FNMA, Mega security collateralized by REMIC certificates which are directly or indirectly backed by Conventional Intermediate-Term, Level-Payment Mortgage
EZX	FNMA, REMIC/SMBS certificates, long-term (30 yrs. or less), single family, balloon
EZZ	FNMA, Mega security collateralized by REMIC certificates which are directly or indirectly backed by Conventional Extra Long-Term, Level-Payment Mortgages;

EZ1	FNMA - Adj-Rate Mega security collateralized by REMIC certificates which are backed by Conv Long Term Adj-Rate Mortg; Single Family;wide variety of ARM ty
E2I	FNMA, Conventional intermediate-term (15 yrs. or less), level payment subordinate mortgages, single family
E2L	FNMA, Conventional long-term (30 yrs. or less), level payment subordinate mortgages, single family
E2M	FNMA, Conventional, level payment, seconds, multifamily, varying maturity dates
E2R	FNMA, Conventional, adjustable rate supplemental lien; 30/360 interest day basis calculation; multifamily, maturity dates vary
E2S	FNMA, Conventional short-term (8 yrs. or less), level payment second financing, single family
E2X	FNMA, Conventional balloon, level payment 2d mortgages, single family, maturing or due in 7 yrs. or less
E2Y	FNMA, Weighted average fixed rate MEGA backed by conventional level payment second mortgages; multi-family; maturity dates vary
FHZ	FNMA, Conventional Long-Term, Actual/360 interest day basis calculation; Level-Payment Mortgages; Multifamily; maturing or due in greater than 30 years.
FI4	FNMA Conventional intermediate term; reperforming modified level payment single family maturing or due in 40 years or less
FI5	FNMA, Conventional Long-Term, Reperforming Modified Mortgages with principal forbearance, Level-Payment Mortgages; Single-Family; maturing or due in 30 years or less.
FI6	FNMA, Conventional Extra Long-Term, Reperforming Modified Mortgages with principal forbearance, Level-Payment Mortgages; Single-Family; maturing or due in 40 years or less.
FMB	FNMA Conventional adjustable-rate balloon, multifamily maturity dates vary
FXI	FNMA, Weighted-Average Fixed-Rate Mega, backed by Conventional Intermediate-Term, Actual/360 interest day basis calculation; Level-Payment Mortgages; Mult

FXL	FNMA, Weighted-Average Fixed-Rate Mega, backed by Conventional Long-Term, Actual/360 interest day basis calculation; Level-Payment Mortgages; Multifamily;
FX2	FNMA, Weighted-Average Fixed-Rate Mega, backed by Conventional Subordinate Lien Mortgages, Actual/360 interest day basis calculation; Multifamily; maturit
FYG	FNMA, Weighted-Average Fixed-Rate Mega, backed by Government, Balloon, Level-Payment Project Mortgages; Multifamily; Maturity dates vary.
FYI	FNMA, Weighted-Average Fixed-Rate Mega, backed by Conventional Intermediate-Term, Level-Payment Mortgages;Multifamily; maturing or due in 15 years or less
FYN	FNMA, Weighted-Average Fixed-Rate Mega, backed by Conventional Short-Term, Level-Payment Mortgages;Multifamily; maturing or due in 10 years or less.
FYS	FNMA, Weighted-Average Fixed-Rate Mega, backed by Conventional Short-Term, Level-Payment Mortgages; Multifamily; maturing or due in seven years or less.
FZN	FNMA, Mega security collateralized by REMIC certificates which are directly or indirectly backed by Conventional Short-Term, Level-Payment Mortgages; Single-Family; maturing or due in 10 years or less.
F9L	FNMA, Whole loan collateral for specific structured transactions, not MBS pools. For a complete description of the collateral, please refer to the disclosure related to the specific structured transaction.
GA	FNMA Strip, SMBS
GC1	FNMA, Strip, Recombination SMB Class - Tranche 1
GC2	FNMA, Strip, Recombination SMB Class - Tranche 2
GC3	FNMA, Strip, Recombination SMB Class - Tranche 3
GC4	FNMA, Strip, Recombination SMB Class - Tranche 4
GC5	FNMA, Strip, Recombination SMB Class - Tranche 5
GC6	FNMA, Strip, Recombination SMB Class - Tranche 6
GC7	FNMA, Strip, Recombination SMB Class - Tranche 7
GC8	FNMA, Strip, Recombination SMB Class - Tranche 8
GC9	FNMA, Strip, Recombination SMB Class - Tranche 9
GET	GNMA, Extended Term Modified Loans
GF	FNMA, Strip, floating rate
GFI	FNMA, Strip, floating rate interest only

GIO	FNMA, Strip, interest only
GIP	FNMA, Strip, synthetic principal (more interest than principal)
GPI	FNMA, Strip, synthetic discount (more principal than interest)
GPO	FNMA, Strip, principal only
GR	FNMA Strip, SMBS
GRG	GNMA, Ginnie Mae II custom pool; Re-Performing Loans
GS	FNMA, Strip, inverse floating rate interest only
GSA	FNMA, Strip, inverse floating rate
GSC	FNMA Strip, SMBS
GSD	FNMA Strip, SMBS
GSE	FNMA Strip, SMBS
GSX	FNMA Strip, SMBS
GT	FNMA, Strip, inverse floating rate interest only
G2C	GNMA II Custom (TBA-specific)
G2M	GNMA II Multifamily (TBA-specific)
HA0	FHLMC (PC Gold), Cash/Guarantor, Conventional, Max. Mtg. Years 30
HA1	FHLMC (PC Gold), Cash/Guarantor, Conventional, Max. Mtg. Years 30
HA2	FHLMC (PC Gold), Cash/Guarantor, Conventional, Max. Mtg. Years 30
HA3	FHLMC (PC Gold), Cash/Guarantor, Conventional, Max. Mtg. Years 30
HA4	FHLMC (PC Gold), Cash/Guarantor, Conventional, Max. Mtg. Years 30
HA5	FHLMC (PC Gold), Cash/Guarantor, Conventional, Max. Mtg. Years 30
HA6	FHLMC (PC Gold), Cash/Guarantor, Conventional, Max. Mtg. Years 30
HA7	FHLMC (PC Gold), Cash/Guarantor, Conventional, Max. Mtg. Years 30
HA8	FHLMC (PC Gold), Cash/Guarantor, Conventional, Max. Mtg. Years 30
HA9	FHLMC (PC Gold), Cash/Guarantor, Conventional, Max. Mtg. Years 30
HB0	FHLMC (PC Gold), Cash/Guarantor, Conventional, Max. Mtg. Years 15
HB1	FHLMC (PC Gold), Cash/Guarantor, Conventional, Max. Mtg. Years 15

HB2	FHLMC (PC Gold), Mini-guarantor, Conventional, Max. Mtg. Years 30
HB3	FHLMC (PC Gold), Mini-guarantor, Conventional, Max. Mtg. Years 30
HB4	FHLMC (PC Gold), Mini-guarantor, Conventional, Max. Mtg. Years 15
HB5	FHLMC (PC Gold), Mini-guarantor, Conventional, Max. Mtg. Years 15
HB6	FHLMC (PC Gold), Cash/Guarantor, FHA/VA, Max. Mtg. Years 30
HB7	FHLMC (PC Gold), Guarantor, FHA/VA, Max. Mtg. Years 30
HB8	FHLMC (PC Gold), Mini-guarantor, FHA/VA, Max. Mtg. Years 30
HB9	FHLMC (PC Gold), Mini-guarantor, FHA/VA, Max. Mtg. Years 30
HCI	FHLMC, 15 Year Fixed Rate
HCL	FHLMC, 30 Year Fixed Rate
HCN	FHLMC, 10 Year Fixed Rate
HCT	FHLMC, 20 Year Fixed Rate
HC0	FHLMC (PC Gold), Cash, Conventional, Max. Mtg. Years 30
HC1	FHLMC (PC Gold), Cash, Conventional, Max. Mtg. Years 30
HC2	FHLMC (PC Gold), Cash, Conventional, Max. Mtg. Years 30
HC3	FHLMC (PC Gold), Cash, Conventional, Max. Mtg. Years 30
HC4	FHLMC (PC Gold), Cash, Conventional, Max. Mtg. Years 30
HC5	FHLMC (PC Gold), Cash, Conventional, Max. Mtg. Years 30
HC6	FHLMC (PC Gold), Cash, Conventional, Max. Mtg. Years 30
HC7	FHLMC (PC Gold), Cash, Conventional, Max. Mtg. Years 30
HC8	FHLMC (PC Gold), Multi-lender, Conventional, Max. Mtg. Years 30
HC9	FHLMC (PC Gold), Cash, Conventional, Max. Mtg. Years 20
HD0	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 30

HD1	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 30
HD2	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 30
HD3	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 30
HD4	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 30
HD5	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 30
HD6	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 30
HD7	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 30
HD8	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 30
HD9	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 20
HE0	FHLMC (PC Gold), Cash, Conventional, Max. Mtg. Years 15
HE1	FHLMC (PC Gold), Cash, Conventional, Max. Mtg. Years 15
HE2	FHLMC (PC Gold), Multi-lender, Conventional, Max. Mtg. Years 15
HE3	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 15
HE4	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 15
HE5	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 15
HE6	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 15
HE7	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 15
HE8	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 15
HE9	FHLMC (PC Gold), Guarantor, Conventional, Max. Mtg. Years 15
G2M	GNMA II Multifamily (TBA-specific)
HF0	FHLMC (PC Gold), Guarantor, Extended Buydown, Max. Mtg. Years 30

HF1	FHLMC (PC Gold), Guarantor, Extended buydown, Max. Mtg. Years 15
HF5	FHLMC, 20 year fixed rate FHA/VA
HF6	FHLMC (PC Gold), Mini-guarantor, FHA/VA, Max. Mtg. Years 15
HF7	FHLMC (PC Gold), FHA/VA, Max. Mtg. Years 15
HF8	FHLMC (PC Gold), Multilender ,Conventional, Max. Mtg. Years 20
HF9	FHLMC (PC Gold), Mini-guarantor, Conventional, Max. Mtg. Years 20
HG0	FHLMC (PC Gold), Giant Cash/Guarantor, Conventional, Max. Mtg. Years 30
HG1	FHLMC (PC Gold), Giant Cash/Guarantor, Conventional, Max. Mtg. Years 15
HG2	FHLMC (PC Gold), Giant Cash/Guarantor, FHA/VA, Max. Mtg. Years 30
HG3	FHLMC (PC Gold), Giant Cash/Guarantor, Conventional, Max. Mtg. Years 20
HG4	FHLMC (PC Gold), Giant, Resettable Balloon, Max. Mtg. Years 20
HG5	FHLMC (PC Gold), Giant, Resettable Balloon, Max. Mtg. Years 5
HG6	FHLMC, 30 Year, Fixed-Rate Giant PC
HG7	FHLMC (PC Gold), FHA/VA, (15-year)
HG8	FHLMC, 30-Year, Standard Giants
HG9	FHLMC, 15-year, Standard Giants
HHA	FHLMC,40-Year Step Modified PC
HHB	FHLMC,30-Year Step Modified PC
HHC	FHLMC,20-Year Step Modified PC
HHD	FHLMC,15-Year Step Modified PC
HH0	FHLMC, 30-year fixed-rate mortgages with a 10-year interest-only period followed by a 20-year fully amortizing period
HH1	FHLMC, 30-year fixed-rate mortgages with a 15-year interest-only period followed by a 15-year fully amortizing period
HH2	FHLMC, Gold, 10/10 Initial Interest
HH3	FHLMC, Gold, 10/20 Initial interest, SafeStep Mortgages
HH4	FHLMC, Jumbo conforming, Gold, fixed rate, 10/20 initial interest

HH5	FHLMC, Gold, 10/5 Initial Interest
HH6	FHLMC, Gold, 10/5 Initial Interest, various prepayment penalties
HH7	FHLMC, Gold, 10/10 Initial Interest, with prepayment premiums
HH8	FHLMC, Gold, 10/20 Initial Interest, with prepayment premiums
HJ0	FHLMC, Gold 15 Year
HJ1	FHLMC, Gold 15 Year
HJ2	FHLMC, Gold 15 Year
HJ3	FHLMC, Gold 15 Year
HJ4	FHLMC, Gold 15 Year
HJ5	FHLMC, Gold 15 Year
HJ6	FHLMC, Gold 15 Year
HJ7	FHLMC, Gold 15 Year
HJ8	FHLMC, Gold 15 Year
HJ9	FHLMC, Gold 15 Year
HK0	FHLMC, Less than 12.5 bps Minimum Servicing Gold, 30 year, fixed rate
HK1	FHLMC, Less than 12.5 bps Minimum Servicing Gold, 15 year, fixed rate
HK2	FHLMC, Less than 12.5 bps Minimum Servicing Gold, 20 year, fixed rate
HK3	FHLMC (PC Gold), Fixed rate, 40 - year
HK5	FHLMC, Gold, 40 Year Mini PCs
HK8	FHLMC (PC Gold), less than 25 bps Minimum Servicing Gold, 40 year, fixed rate
HK9	FHLMC (PC Gold), Guarantor 20 year
HL0	FHLMC, 12.5 bps Minimum Servicing Gold, 30 year, fixed rate
HL1	FHLMC (PC Gold), Fixed rate, Max. Mtg. Years Various
HL4	FHLMC, 12.5 bps Minimum Servicing Gold, 15 year, fixed rate
HL5	FHLMC (PC Gold), Mini-guarantor, 5-year balloon
HL6	FHLMC (PC Gold), Mini-guarantor, 7 year balloon
HL7	FHLMC (PC Gold), Multilender, Resettable Balloon, Max. Mtg. Years 5
HL8	FHLMC (PC Gold), Multilender, Resettable Balloon, Max. Mtg. Years 7
HL9	FHLMC (PC Gold), Multilender, Resettable Balloon, Max. Mtg. Years 5

HMA	FHLMC 40-Year Fixed-Rate Modified PC
HMB	FHLMC, MOD GOLD 30YR
HMM	FHLMC (PC Gold), Modifiable, 30-year
HMN	FHLMC (PC Gold), Modifiable, 15-year
HM0	FHLMC (PC Gold), Guarantor, Resettable/balloon, Max. Mtg. Years 5
HM1	FHLMC (PC Gold), Guarantor, Resettable/balloon, Max. Mtg. Years 5
HM2	FHLMC (PC Gold), Guarantor, Relocation, Max. Mtg. Years 15
HM3	FHLMC (PC Gold), Guarantor, Relocation, Max. Mtg. Years 15
HM4	FHLMC (PC Gold), Guarantor, Non-convertible Bi-weekly, Max. Mtg. Years 15
HM5	FHLMC (PC Gold), Guarantor, Bi-weekly, Max. Mtg. Years 15
HM6	FHLMC (PC Gold), Guarantor, Cooperative share, Max. Mtg. Years 15
HM7	FHLMC (PC Gold), Guarantor, Cooperative share, Max. Mtg. Years 15
HM8	FHLMC (PC Gold), Cash, Resettable Balloon, Max. Mtg. Years 20
HM9	FHLMC (PC Gold), Cash, Resettable Balloon, Max. Mtg. Years 20
HNA	FHLMC, 15Y OVERFL
HNB	FHLMC, 30Y OVERFL
HN0	FHLMC (PC Gold), Guarantor, Second, Max. Mtg. Years 30
HN1	FHLMC (PC Gold), Guarantor, Second, Max. Mtg. Years 30
HN2	FHLMC (PC Gold), Guarantor, Relocation, Max. Mtg. Years 30
HN3	FHLMC (PC Gold), Guarantor, Relocation, Max. Mtg. Years 30
HN4	FHLMC (PC Gold), Guarantor, Bi-weekly, Max. Mtg. Years 30
HN5	FHLMC (PC Gold), Guarantor, Bi-weekly, Max. Mtg. Years 30
HN6	FHLMC (PC Gold), Guarantor, Cooperative share, Max. Mtg. Years 30

HN7	FHLMC (PC Gold), Guarantor, Cooperative share, Max. Mtg. Years 30
HN8	FHLMC (PC Gold), Guarantor, Resettable balloon, Max. Mtg. Years 7
HN9	FHLMC (PC Gold), Guarantor, Resettable/balloon, Max. Mtg. Years 7
HO2	FHLMC (PC Gold), Guarantor, Non-convertible bi-weekly, Max. Mtg. Years 30
HO3	FHLMC (PC Gold), Guarantor, Non-convertible bi-weekly, Max. Mtg. Years 15
HO5	FHLMC (PC Gold), Guarantor, Non-convertible bi-weekly, Max. Mtg. Years 30
HO6	FHLMC (PC Gold), Guarantor, Non-convertible bi-weekly, Max. Mtg. Years 15
HP0	FHLMC (PC Gold), 30 year with prepayment premiums
HP1	FHLMC (PC Gold), 15 year with prepayment premiums
HP2	FHLMC (PC Gold), 30 year with prepayment premiums
HP3	FHLMC (PC Gold), 15 year with prepayment premiums
HP4	FHLMC (PC Gold), Fixed rate, 40 - year with prepayment premiums
HP5	FHLMC (PC Gold), 30 Years, Prepayment protection
HP6	FHLMC (PC Gold), 15 Years, Prepayment protection
HQ0	FHLMC (PC Gold), 30-Year Fixed-Rate
HQ1	FHLMC (PC Gold), 30 year fixed rate
HQ2	FHLMC (PC Gold), 30 year fixed rate
HR0	FHLMC (PC Gold), 30 Year Reinstated Mortgages
HS0	FHLMC (PC Gold), Mini-guarantor, Principal only or principle and interest, Max. Mtg. Years 30
HS1	FHLMC (PC Gold), Mini-guarantor, Interest only, Max. Mtg. Years 30
HS2	FHLMC (PC Gold), Mini-guarantor, Principal only or principle and interest, Max. Mtg. Years 15
HS3	FHLMC (PC Gold), Mini-guarantor, Interest only, Max. Mtg. Years 15
HS6	FHLMC, Strips, 30-year interest only
HS7	FHLMC, Strips, 30-year principal only and interest-principal
HS8	FHLMC, Strips, 15-year interest only
HS9	FHLMC, Strips, 15-year principal only and interest-principal

HT1	FHLMC (PC Gold), Guarantor, Assumable, Max. Mtg. Years 15
HT3	FHLMC (PC Gold), Guarantor, Assumable, Max. Mtg. Years 30
HT4	FHLMC, Jumbo conforming, Gold, fixed rate, 15-year
HT5	FHLMC, Jumbo Conforming Gold PC, fixed rate, 20-year
HT6	FHLMC, Jumbo conforming, Gold, fixed rate, 30-year
HT9	FHLMC, Jumbo conforming, Gold, fixed rate, 40-year
HU1	FHLMC (PC Gold), Mini-Guarantor, Assumable, Max. Mtg. Years 15
HU2	FHLMC, 30 Year High LTV Gold PC, > 105%
HU3	FHLMC (PC Gold), Mini-Guarantor, Assumable, Max. Mtg. Years 30
HU4	FHLMC, 15 Year High LTV Gold PC, > 105%
HU5	FHLMC, 20 Year High LTV Gold PC, > 105%
HU6	FHLMC, 30 Year High LTV Gold PC, > 105%
HU7	FHLMC(PC Gold),Giant 15-Year High LTV greater than 125%
HU8	FHLMC(PC Gold),Giant 20-Year High LTV greater than 125%
HU9	FHLMC(PC Gold),Giant 30-Year High LTV greater than 125%
HV2	FHLMC, Gold, 5/25 Initial interest
HV3	FHLMC, Gold, 5/25 Initial interest, various prepayment penalties
HV4	FHLMC, Gold, 5/10 Initial interest
HV5	FHLMC, Gold, 5/10 Initial interest, various prepayment penalties
HV6	FHLMC (PC Gold), Cash Issuance 15 year
HV7	FHLMC (PC Gold), Cash Issuance 20 year
HV8	FHLMC (PC Gold), Cash Issuance 30 year
HWA	FHLMC (PC Gold), 55-Day, Multi-family PCs
HWD	FHLMC, 2/6 cap for CMT 7 year hybrids. Allowable Collateral of AS
HWE	FHLMC, 2/6 cap for CMT 10 year hybrids. Allowable Collateral of AX
HWF	FHLMC, 1/5 cap for ICE LIBOR pools 3 year hybrids. Allowable Collateral of TL
HWN	FHLMC, 55-day Interest Only Multifamily PC
HWV	FHLMC, 55-Day Floating Rate Taxable Multi PC
HW0	FHLMC (PC Gold), Multifamily, various loan types
HW1	FHLMC (PC Gold), Multifamily, interest-only, balloon

HW2	FHLMC (PC Gold), Multi-family, amortizing balloon, no specific years
HW3	FHLMC (PC Gold), Multi-family, fully amortizing, various lengths
HQ3	FHLMC, 30-Year Fixed-Rate Gold PC
HQ4	FHLMC, 30-Year Fixed-Rate Gold PC
HQ5	FHLMC, 30-Year Fixed-Rate Gold PC
HZI	FHLMC, 15 Year Reverse REMIC
HZL	FHLMC, 30 Year Reverse REMIC
HZN	FHLMC, 10 Year Reverse REMIC
HZT	FHLMC, 20 Year Reverse REMIC
HZ4	FHLMC, 30 Year Reverse REMIC Giant PC
HZ5	FHLMC, 15 Year Reverse REMIC Giant PC
HZ6	FHLMC, 20 Year Reverse REMIC Giant PC
H0E	FHLMC, Structured pass-through certificate backed by various COFI ARM PCs
H1A	FHLMC, Six month LIBOR hybrid ARM
H1B	FHLMC, Annual/One year LIBOR Various Caps
H1C	FHLMC, Annual/One year LIBOR/ 2% Cap/Non-Convertible
H1D	FHLMC, Annual/One year LIBOR/ 3% Cap/Non-Convertible
H1E	FHLMC, WAC ARM One year LIBOR/ 2% Cap/Convertible
H1G	FHLMC, Initial Interest Hybrid LIBOR-indexed ARMs
H1H	FHLMC, Initial Interest Hybrid CMT-indexed ARMs
H1J	FHLMC, 1-Year LIBOR, 10-year initial interest hybrid ARMS, various caps
H1K	FHLMC, 1-Year Treasury, 10-year initial interest hybrid ARMS, various caps
H1L	FHLMC, 1-Year Treasury, hybrid ARMS, various caps
H1M	FHLMC, Semiannual, 6-month LIBOR, initial interest hybrid ARMS, various caps
H1N	FHLMC, Semiannual, 6-month LIBOR, 10-year initial interest hybrid ARMS, various caps
H1P	FHLMC, Semiannual/6-month LIBOR/10-Year IO Initial Interest ARMs/Various Caps
H1Q	FHLMC, Initial Interest ARM Giant PC

H1R	FHLMC, Payment Capped ARM Giant PC
H1U	FHLMC, Annual, 1-year LIBOR, Initial Interest HYBRID ARM, various caps
H1V	FHLMC, Annual, 1-year LIBOR, non-standard Initial Interest Hybrid ARMs, various caps.
H12	FHLMC, Multi-family, non-standard ARM PC
H13	FHLMC, Multi-family, fixed rate
H14	FHLMC, Guarantor, FHA/VA, Max. Mtg. Years 30
H15	FHLMC, Cash, FHA/VA, Max. Mtg. Years 30
H16	FHLMC, Cash, Conventional, Max. Mtg. Years 30
H17	FHLMC, Cash, Conventional, Max. Mtg. Years 30
H18	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H2B	FHLMC, Annual, 1-year LIBOR Hybrid ARM, various caps
H20	FHLMC, Cash, Conventional, Max. Mtg. Years 15
H21	FHLMC, Guarantor, Conventional, Max. Mtg. Years 15
H22	FHLMC, Cash, Multi-family, Balloon, Max. Mtg. Years 15
H23	FHLMC, Guarantor, Multi-family, Fully amortizing, Max. Mtg. Years 30-40
H24	FHLMC, Guarantor, Multi-family, Amortizing/interest only balloon, Max. Mtg. Years 15
H25	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H26	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H27	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H28	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H29	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H3A	FHLMC, 40 Year Fixed Rate
H3B	FHLMC, 30 Year Fixed Rate
H3C	FHLMC, 15 Year Fixed Rate
H3H	FHLMC, 30 Year Min Servicing 12.5-24.9 bps
H3I	FHLMC, 30 Year Min Servicing <12.5 bps
H3J	FHLMC, 30 Year FHA/VA
H3K	FHLMC, 15 Year FHA/VA
H3L	FHLMC, 30 Year 100% Relocation
H3M	FHLMC, 15 Year 100% Relocation
H3N	FHLMC, 30 Year 100% Cooperative Share
H3O	FHLMC, 15 Year 100% Cooperative Share
H3P	FHLMC, 30 Year 100% Supers Conforming
H3Q	FHLMC, 20 Year 100% Supers Conforming
H3R	FHLMC, 15 Year 100% Supers Conforming

H3S	FHLMC, 30 Year High LTV>105<=125%
H3T	FHLMC, 20 Year High LTV>105<=125%
H3U	FHLMC, 15 Year High LTV>105%<125%
H3V	FHLMC, 30 Year High LTV>125%
H3W	FHLMC, 20 Year High LTV>125%
H3X	FHLMC, 15 Year High LTV>125%
H3Y	FHLMC, 30 Year FHA/VA Reinstated
H3Z	FHLMC, 15 Year FHA/VA Reinstated
H30	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H31	FHLMC, Guarantor, Multi-family Variable Rate, Max. Mtg. Years 30
H32	FHLMC, Guarantor, Conventional, Max. Mtg. Years 15
H33	FHLMC, Guarantor, FHA/VA, Max. Mtg. Years 30
H34	FHLMC, Guarantor, Variable, Max. Mtg. Years 40
H35	FHLMC, Cash, Adjustable, 2% cap annual Treasury, Max. Mtg. Years 30
H36	FHLMC, Cash, Conventional, Max. Mtg. Years 30
H37	FHLMC, Cash, Adjustable, 1% cap annual Treasury, Max. Mtg. Years 30
H38	FHLMC, Cash, Conventional, Max. Mtg. Years 15
H39	FHLMC, Guarantor, Adjustable, 11th District Cost-of-Funds, Max. Mtg. Years 30
H4A	FHLMC, 40 Year Modified Step Rate
H4B	FHLMC, 30 Year Modified Step Rate
H4C	FHLMC, 20 Year Modified Step Rate
H4D	FHLMC, 15 Year Modified Step Rate
H4E	FHLMC, 40 Year Modified Fixed Rate
H4F	FHLMC, 30 Year Modified Fixed Rate
H4G	FHLMC, 20 Year Modified Fixed Rate
H4H	FHLMC, 15 Year Modified Fixed Rate
H4I	FHLMC, 30 Year Reinstated
H4J	FHLMC, 20 Year Reinstated
H4K	FHLMC, 15 Year Reinstated
H4L	FHLMC, 30 Year 10/20 Initial Interest Fixed-Rate
H4M	FHLMC, 30 Year 15/15 Initial Interest Fixed-Rate
H4N	FHLMC, 20 Year 10/10 Initial Interest Fixed-Rate
H4O	FHLMC, 30 Year 10/20 Initial Interest
H4P	FHLMC, 30 Year 3-Year/2% Prepayment Penalty Mortgage
H4Q	FHLMC, 15 Year 3-Year/2% Prepayment Penalty Mortgage

H4R	FHLMC, 30 Year 5-Year/6 Months Prepayment Penalty Mortgage
H4S	FHLMC, 15 Year 5-Year/6 Months Prepayment Penalty Mortgage
H4T	FHLMC, 40 Year Various Prepayment Penalty
H4U	FHLMC, 30 Year Various Prepayment Penalty
H4V	FHLMC, 15 Year Various Prepayment Penalty
H40	FHLMC, Guarantor, Adjustable, 2% Annual Cap, Max. Mtg. Years 30
H41	FHLMC, Guarantor, Adjustable, 2% annual cap Treasury, convertible
H42	FHLMC, Guarantor, Adjustable, 11th District Cost-of-Funds, Max. Mtg. Years 30
H43	FHLMC, Mini-guarantor, Conventional, Max. Mtg. Years 30
H44	FHLMC, Mini-guarantor, Conventional, Max. Mtg. Years 15
H45	FHLMC, Mini-guarantor, FHA/VA, Max. Mtg. Years 30
H46	FHLMC, Mini-guarantor, Conventional, Max. Mtg. Years 10
H47	FHLMC, Mini-guarantor, Conventional, Max. Mtg. Years 15
H48	FHLMC, Mini-guarantor, FHA/VA, Max. Mtg. Years 30
H49	FHLMC, Cash, Multi-family, Balloon, Max. Mtg. Years 10
H5A	FHLMC, Adjustable, Federal Cost of Funds, Payment Capped
H5B	FHLMC, 15 Year Mini Non-Convertible Biweekly Guar
H5C	FHLMC, 15 Year Mini Fixed Rate
H5D	FHLMC, 30 Year Mini Fixed Rate
H5E	FHLMC, 30 Year 100% Extended Buydown Guar
H5F	FHLMC, 15 Year 100% Extended Buydown
H5G	FHLMC, 20 Year FHA/VA
H5H	FHLMC, 15 Year Mini FHA/VA
H5I	FHLMC, 20 Year Mini Fixed Rate
H5J	FHLMC, 30 Year Standard GNMA Giant
H5K	FHLMC, 15 Year Standard GNMA Giant
H5P	FHLMC, 15 Year Minimum Reduced Servicing <12.5 bps
H5Q	FHLMC, 20 Year Minimum Reduced Servicing <12.5 bps
H5R	FHLMC, 40 Year Minimum Reduced Servicing <12.5 bps

H5S	FHLMC, 20 Year Minimum Reduced Servicing 12.5-24.9 bps
H5T	FHLMC, 15 Year Minimum Reduced Servicing 12.5-24.9 bps
H5U	FHLMC, 15 Year Non-Convertible Biweekly
H5V	FHLMC, 15 Year Convertible Biweekly
H5W	FHLMC, 30 Year Non-Convertible Biweekly
H5X	FHLMC, 30 Year Convertible Biweekly
H50	FHLMC, Guarantor, Conventional, Max. Mtg. Years 15
H53	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H54	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H55	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H56	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H57	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H58	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H59	FHLMC, Guarantor, Conventional, Max. Mtg. Years 30
H6F	FHLMC, 15 Year Newly Originated Assumable
H6G	FHLMC, 30 Year Newly Originated Assumable Cash
H6H	FHLMC, 15 Year Mini Newly Originated Assumable
H6I	FHLMC, 30 Year Mini Newly Originated Assumable
H6M	FHLMC, 40 Year Non-Standard
H6T	FHLMC, 30 Year Reinstated FHA/VA
H60	FHLMC, Guarantor, Adjustable, 2% Cap, Max. Mtg. Years 30
H61	FHLMC, Guarantor, Adjustable, 2% Cap, annual Treasury, Max. Mtg. Years 30
H62	FHLMC, Guarantor, Fully-amortized, Non-assumable, Multi-family
H63	FHLMC, Guarantor, Adjustable, 1% Cap, Max. Mtg. Years 30
H64	FHLMC, Guarantor, Adjustable, 1% cap, annual Treasury, Max. Mtg. Years 30
H65	FHLMC, Guarantor, Fully-amortized, Assumable, Multi-family, Max. Mtg. Years 30
H68	FHLMC, Guarantor, Convertible, Max. Mtg, Years 30
H69	FHLMC, Guarantor, Amortized balloon, Non-assumable, Multi-family
H7A	FHLMC, Guarantor, Assumable, Max. Mtg. Years 30
H7B	FHLMC, Guarantor, Assumable, Max. Mtg. Years 15
H7C	FHLMC, Cash guarantor, Multi-family, graduated payment, Max. Mtg. Years 15/30

H7D	FHLMC, 30 Year Mini Non-Convertible Biweekly
H7E	FHLMC, 30 Year Strip (PO)
H7F	FHLMC, 30 Year Strip (IO)
H7G	FHLMC, 15 Year Strip (PO)
H7H	FHLMC, 15 Year Strip (IO)
H7I	FHLMC, 20 Year Strip (PO)
H7J	FHLMC, 20 Year Strip (IO)
H7K	FHLMC, 30 Year GNMA Strip (PO)
H7M	FHLMC, 30 Year GNMA Strip (IO)
H7N	FHLMC, 15 Year GNMA Strip (PO)
H7O	FHLMC, 15 Year GNMA Strip (IO)
H7P	FHLMC, 15 Yr Alignment Overflow
H7Q	FHLMC, 30 Yr Alignment Overflow
H70	FHLMC, Guarantor, multifamily assumable
H71	FHLMC, Cash, Adjustable, 2% Annual Rate Cap, Convertible, Max. Mtg. Years 30
H72	FHLMC, Cash, Adjustable, 2% cap, annual Treasury, Convertible, Max. Mtg. Years 30
H73	FHLMC, Cash/Guarantor, Tiered payment, Max. Mtg. Years 15/30
H74	FHLMC, Guarantor, Adjustable, National Index Rate Capped Cost-of-Funds, Max. Mtg. Years 30
H75	FHLMC, Guarantor, Adjustable, Annual Rate Cap, Treasury Index, Max. Mtg. Years 30
H76	FHLMC, Guarantor, Adjustable, Five year, Max. Mtg. Years 30
H77	FHLMC, Guarantor, Cost-of-Funds, Annual/Semi-Annual, Max. Mtg. Years 30
H78	FHLMC, Guarantor, Adjustable, annual Treasury, Max. Mtg. Years 30
H79	FHLMC, Guarantor, Adjustable, Multi-family, Max. Mtg. Years 30
H80	FHLMC, STRIP PRIN 30
H82	FHLMC, Cash/Guarantor, STRIP, Principal Only, Max. Mtg. Years 30
H84	FHLMC, Guarantor, Combination of Any ARM Guarantor Program, Max. Mtg. Years 30
H85	FHLMC, Guarantor, Conventional, Max. Mtg. Years 15/30

H86	FHLMC, Guarantor, Adjustable, Second or adjustable 3 yr. Treasury, Max. Mtg. Years 30
H87	FHLMC, Guarantor, Adjustable, LIBOR, Max. Mtg. Years 30
H88	FHLMC, Guarantor, Relocation, biweekly, cooperative, Max. Mtg. Years 15/30
H89	FHLMC, Guarantor, Resettable balloon, Max. Mtg. Years 5
H8A	FHLMC, 3-Year Fixed Period, 6-Month Reset 30-Day Average SOFR
H8B	FHLMC, 5-Year Fixed Period, 6-Month Reset 30-Day Average SOFR
H8C	FHLMC, 7-Year Fixed Period, 6-Month Reset 30-Day Average SOFR
H8D	FHLMC, 10-Year Fixed Period, 6-Month Reset 30-Day Average SOFR
H90	FHLMC, STRIP INT 30
H92	FHLMC, STRIP giant, Interest Only, Max. Mtg. Years 15
H94	FHLMC, Guarantor, Adjustable, payment-capped Treasury Index, Max. Mtg. Years 30
H95	FHLMC, Guarantor, Conventional, resettable/balloon, Max. Mtg. Years 7
H96	FHLMC, Guarantor, Adjustable, LIBOR
H97	FHLMC, Guarantor, Adjustable, WAC, Max. Mtg. Years 30
J1	GNMA, MBS Strip
J2	GNMA, MBS Strip
J3	GNMA, MBS Strip
J4	GNMA, MBS Strip
J5	GNMA, MBS Strip
J6	GNMA, MBS Strip
J7	GNMA, MBS Strip
J8	GNMA, MBS Strip
J9	GNMA, MBS Strip
J10	GNMA, MBS Strip
J11	GNMA, MBS Strip
J12	GNMA, MBS Strip
J13	GNMA, MBS Strip
J14	GNMA, MBS Strip
J15	GNMA, MBS Strip
J16	GNMA, MBS Strip

J17	GNMA, MBS Strip
J18	GNMA, MBS Strip
J19	GNMA, MBS Strip
J20	GNMA, MBS Strip
J21	GNMA, MBS Strip
J22	GNMA, MBS Strip
J23	GNMA, MBS Strip
J25	GNMA, MBS Strip
J26	GNMA, MBS Strip
J27	GNMA, MBS Strip
J28	GNMA, MBS Strip
JIO	GNMA I Strip, Interest Only
JIP	GNMA I Strip, Interest and Principal
JPO	GNMA I Strip, Principal Only
JML	GNMA, MNTH ADJ HECM
JAL	GNMA, 1 YR ADJ HECM
JRF	GNMA, FIXED HECM
JRA	GNMA, 1 YR ADJ HECM
KIO	GNMA II Strip, Interest Only
KIP	GNMA II Strip, Interest and Principal
KPO	GNMA II Strip, Principal Only
LIO	FHLMC STRIP, SMBS Interest Only
LPO	FHLMC STRIP, SMBS Principal Only
LS0	FHLMC Strip, (PC Gold), Mini guarantor, Principal only or principle and interest, Max Mtge. Years 30
LS1	FHLMC Strip,(PC Gold), Cash/Guarantor, Interest only. Years 15
LS2	FHLMC Strip,(PC Gold), Cash/Guarantor, Principal only/Principle and Interest. Years 15
LS3	FHLMC Strip,(PC Gold), Cash/Guarantor, Interest only. Years 15
LS4	FHLMC Strip,(Gold Combo),Strip, Principal only 20 yr
LS5	FHLMC Strip,(Gold Combo),Strip, Interest only 20 yr
LS6	FHLMC Strip,(PC Gold), GNMA-Backed IO, Years 30
LS7	FHLMC Strip,(PC Gold), GNMA-Backed PO/IP, Years 30
LTR	FHLMC, MBS Strip
L80	FHLMC, STRIP PRIN 30

L90	FHLMC Strip,(PC Gold), STRIP Giant, Interest only. Year 30
RAL	GNMA II HMBS, One year adjustable rate home equity conversion mortgage (HECM) loans, LIBOR index, 2/5 cap structure
RML	GNMA II HMBS, Monthly adjustable rate home equity conversion mortgage (HECM) loans, LIBOR index, lifetime cap determined by Issuer
RPA	One-year adjustable rate HEMC loans, one-year CMT Index, 2/5 cap structure. Allowable Collateral of RA and PA.
RPB	Monthly adjustable rate HEMC loans, one-month CMT Index, Lifetime cap determined by Issuer. Allowable Collateral of RM and PB.
RPC	One-year adjustable rate HEMC loans, one-year LIBOR Index, 2/5 cap structure. Allowable Collateral of AL and PC.
RPD	Monthly adjustable rate HEMC loans, one- month LIBOR Index, Lifetime cap determined by Issuer. Allowable Collateral of ML and PD.
RPF	Fixed Rate HEMC loans. Allowable Collateral of RF and PF.
RRA	GNMA II HMBS, One year adjustable rate home equity conversion mortgage (HECM) loans, CMT index
RRF	GNMA II HMBS, Fixed rate home equity conversion mortgage (HECM) loans
RRM	GNMA II HMBS, Monthly adjustable rate home equity conversion mortgage (HECM) loans, CMT index, lifetime cap determined by Issuer
SF	SBA, Fixed Rate
SM	SBA, Adjustable Rate, Monthly adjustment
SMC	SBA, Adjustable Rate, Monthly adjustment, capped
SQ	SBA, Adjustable Rate, Quarterly adjustment
SQC	SBA, Adjustable Rate, Quarterly adjustment, capped

PUTCODEtxt Put

The Put Code identifies the type of put exercisable/exercised by the holder of a municipal bond at a stated time before maturity, or upon the occurrence of particular circumstances.

Code	Description
1	Open Market Tender
2	Inactive

6	Hard Put
7	Soft Put - One Step
8	Soft Put - Multi Step
A	Abortion Put
B	Denomination 100,000 or greater
C	Ratings change
D	Upon Default
E	Extended/Alternate Credit Facility
F	Tender Option
I	For Investment Company
K	By Residual Holder
L	Limited Put
M	Less than authorized denomination
N	Extraordinary Tender
O	Poison Put
P	Secondary Market Put Option
R	Mandatory Tender
S	Secondary Market Tender
T	Put Expired
U	Secondary Market Put Unit
V	Upon conversion/remarketing
W	Subject to Mandatory Tender
X	Upon Expiration of Credit Facility
Z	Optional Put by Holder

PUTEND Put Provision Ending Date

Specifies the last date for a holder to exercise the put option, if a date is specified in the prospectus.

PUTIND Put Indicator

The security carries provisions that allow for redemption at the request of owners of the security.

PUTSTART Put Provision Start Date

The first date on which the put described in **Put Code** may be exercised.

R144Atxt Rule 144A Indicator

The Rule 144A Indicator identifies whether the issue is governed by SEC Rule 144A. For CMO/ABS securities, it identifies whether the tranche is accredited or is not available for sale.

Code	Description
A	Tranche is accredited
N	Issue not trading under Rule 144A
S	Issue is offered under Regulation S of the Securities Act of 1933
T	Tranche is not available for sale

Y	Issue trading under Rule 144A
Z	Other situation
3	144A and Regulation S

RATE Original Payment Rate

The annual percentage rate payable on a fixed income security at issue.

RATI Ratio Between Shares and ADR Certificate

Returns the relationship between the number of underlying shares and the depositary certificate represented in a depositary receipt program.

RCPI Base Reference CPI

Base reference CPI (Consumer Price Index).

RDAT Record Date

The payment record date. Dividend or interest is payable to holders of a security on a declared record date, known as the holder-of-record date.

REDTYPEtxt Redemption Type

The Redemption Type, available for fully called municipal securities, describes the type of refunding.

Code	Description
B	Pre-Refunded - By muni-forward
C	Called
D	Called Due to Default
F	Called by muni-forward
P	Pre-refunded
R	Remarketed
T	Tendered
X	Cross-Over Refunded
Z	Cross-over refunding - escrowed till

REFDATE Refund Date

The date on which the bonds are called

REFDDAT Refunding Issue Dated Date

Available for municipal securities, is the Dated Date of the bonds refunding a particular municipal issue. This date is populated on the issue being refunded.

REFDT Refunding Restriction Date

Refunding Restriction Date is the date until which an issue is restricted from being called for refunding (for U.S./Canadian fixed income and preferred securities).

REFPR Refunding Restriction Price

The minimum yield stated in the prospectus, below which the security cannot be called by floating a new debt issue until the **Refunding Restriction Date** (for U.S./Canadian fixed income and preferred securities).

REFPRC Refund Price

Specifies the price bondholders receive at redemption, expressed as a percentage of principal.

REGStxt Trading Regulations/Restrictions Marker

The Regulation S Indicator, applicable to U.S./Canadian and Non-U.S./Canadian bonds, identifies whether a security is offered under Regulation S of the Securities Act of 1933.

Code	Description
S	Regulation S

REMARDT Remarketed Accrual Begin Date

A date field the interest accrual start date applied to a remarketed issue.

REMARIND Remarketed Indicator

Specifies whether the issue is remarketed

REMARKETtxt Remarketing Agent

The Remarketing Agent, available for municipal securities, is the investment bank responsible for remarketing the bonds.

Note: We do not recommend the use of REMARKET because the codes it returns could change, be deleted, or added to without notice. Please use REMARKETtxt instead and treat it as a free text field.

REMARRT Remarketed Payment Rate

The initial annual percentage rate payable on a corporate bond after it has been remarketed under the same CUSIP.

REMICtxt REMIC Flag

The REMIC Flag indicates whether a security is a **R**eal **E**state **M**ortgage **I**nvestment **C**onduit (**Y**) or is not a REMIC (**N**), or that data is not available (blank).

Code	Description
Y	REMIC
N	Non-REMIC
	Not applicable

REREMIC Re-Remic Indicator

Identifies whether the collateral is made up of pooled REMICs (Y) or is not (N).

RESETCOMTXT Reset Compounding Method

Identifies the Compounding Method used on the FRN formula to obtain the calculated rate. The reset compounding method indicates when the spread in the formula is to be applied.

Code	Description

1	Straight Compounding
2	Compounding Spread Exclusive
3	Weighted Average - Weekend Excluded (BADLAR Method)
4	Flat Compounding
5	Compounded Index

RESETFRQtxt Reset Frequency

The Reset Frequency is the interval between interest rate reset dates.

Code	Description
A	Annually
B	Biweekly
C	Changeable
D	Daily
E	Term mode
F	Interest at maturity
G	Bimonthly
H	Every 13 weeks
I	Irregular
J	Every 28 days
K	Every 35 days
L	Every 26 weeks
M	Monthly
P	Tied to Prime
Q	Quarterly
R	One-time adjustment
S	Semi-annually
T	Every 10 years
U	Frequency to be determined
V	When interest adjusts
W	Weekly
Y	Every 52 weeks
Z	When interest adjusts commercial paper
2	Every 2 years
3	Every 3 years
4	Every 4 years
5	Every 5 years
7	Every 7 years

RESETPERTXT Reset Period Type

Describes method used to determine which period type is to be used to determine the duration of the period for the calculation when shifted.

Code	Description
1	Interest Period
2	Observation Period

RSDLtxt Residual Flag

The Residual Flag identifies a tranche as not residual (**0**) or residual (**1**).

Code	Description
0	Tranche is not residual
1	Tranche is residual

RFRN Reverse Floating Rate Note Base Rate

Available for non-U.S./non-Canadian FRNs. The percentage from which the reference rate **Margin Over Marker** is subtracted when calculating interest for a reverse FRN.

RTS:MARKETtxt RTS Market Center

Primary market center for the identifier.

Code	Description
193	Borsa Istanbul Equities Level 1+
194	Borsa Istanbul Equities Level 2
195	Borsa Istanbul Debt Securities Level 1+
196	Borsa Istanbul Debt Securities Level 2
197	Alpha ATS Market Data Level 1
198	NYSE IEX Regional Only
199	JSE Equities Level 1
200	Borsa Istanbul Indices
201	Montreal Exchange Bankers' Acceptance Futures Level 2
202	Montreal Exchange Options Level 2
203	Borsa Istanbul Futures and Options L2
204	Luxembourg Stock Exchange Indices
205	Luxembourg Stock Exchange Market Data Level 1
206	Caracas Stock Exchange Equities and Indices Level 1
207	Eurex European Market Data Level 2
209	NASDAQ OMX Commodities Market Data Level 1
210	Deutsche Boerse Spot Market Germany (Frankfurt / Xetra) Level 2
211	Deutsche Boerse Xetra European Stars Level 1
212	Deutsche Boerse Xetra US Stars Level 1
213	Deutsche Boerse Volatility Indices
214	Sociedad de Bolsas Warrants Level 1

215	Sociedad de Bolsas Continuous Market Level 2
216	Sociedad de Bolsas Continuous Market Level 1
218	Bats Europe CXE Market Data Level 2
225	NYSE NYSE American Stock Exchange Regional Only
226	NYSE NASDAQ BX (formerly Boston Stock Exchange) Regional Only
227	Bats Europe BXE BXE Simulation L2
228	NYSE Texas Stock Exchange Regional Only
229	NYSE New York Stock Exchange Regional Only
230	NYSE NYSE ARCA Regional Only (Formerly Pacific SE)
231	NYSE Nasdaq Regional Only
232	OPRA ISE Mercury Regional Only
233	NYSE Philadelphia Stock Exchange Regional Only
234	NYSE American NYSE MKT (formerly AMEX) Stock Exchange Regional Only
235	NYSE American NASDAQ BX (formerly Boston Stock Exchange) Regional Only
236	Bats Europe CXE CXE Simulation L1
237	NYSE American Texas Stock Exchange Regional Only
238	NYSE American NYSE Regional Only
239	NYSE American Nasdaq Regional Only
240	NYSE American NYSE ARCA Regional Only (Formerly Pacific SE)
241	OPRA Bats EDGX Regional Only
242	NYSE American Philadelphia Stock Exchange Regional Only
243	OPRA NYSE American Regional Only
244	Vienna Stock Exchange Indices
245	OPRA CBOE Regional Only
246	OPRA ISE Regional Only
247	OPRA NYSE ARCA Regional Only (Formerly Pacific SE)
248	OPRA Philadelphia Stock Exchange Regional Only
249	NASDAQ Level 2 Service
250	OPRA Boston Options Exchange Regional Only
257	SIX Swiss Exchange Cash Level 1
258	SIX Swiss Exchange Cash Level 2
259	SIX Swiss Exchange Cash Level 2+ (FOB)
260	Warsaw Stock Exchange NewConnect Market Data Level 1
261	Warsaw Stock Exchange NewConnect Market Data Level 2
262	ICAP FX Currency Options (global)
263	ICAP Energy Europe
264	TOCOM Futures Data Level 1
265	TOCOM Futures Level 1 (former TGE contracts)
266	NYSE ARCA ECN Equities Imbalance Data
267	ICE Futures Europe Commodity Futures Level 2
268	ICE Futures U.S. Financials Futures L2

269	Dow Jones Energy DataWire Level 1
270	ICE Endex Market Data Level 1
271	Gulf Mercantile Exchange Energy Futures Data L1
272	OTC Data Services Select FX (Asia Pacific) Streaming
273	OTC Data Services Select FX (Asia Pacific) Snapshot
274	Moscow Exchange Ukrainian Exchange Level 1
275	Hang Seng Indices Hang Seng Indices
276	ICAP US Treasuries and Mortgages (North America)
277	Borsa Istanbul Futures and Options L1+
278	New Zealand Exchange NZX Indices
279	Tokyo Stock Exchange TOPIX Indices
280	Tullett Prebon Information Cosmorex
281	Moscow Exchange Ukrainian Exchange Level 2
282	Conticap OTC Broker Data
289	Deutsche Boerse MiFID OTC Trades
290	Shanghai Stock Exchange Market Data Level 2 (Premium)
291	Osaka Exchange JGB Futures Level 1
292	TSX TSX Indices
293	Euronext Cash Market-By-Price (All Levels)
294	Vienna Stock Exchange OTC Data (Transparent Trade Reporting)
295	London Stock Exchange TRADEcho
296	Ljubljana Stock Exchange Market Data Level 1
297	Zagreb Stock Exchange Market Data Level 1
298	Taipei Exchange Bonds Level 2
299	Dubai Gold and Commodities Exchange Market Data Level 1
300	Borsa Italiana MOT Module (electronic bonds and gov securities market) Level 1
301	OPRA MIAX Pearl Regional Only
302	ICAP Interest Rate Swaps (APME)
303	ICAP Interest Rate Swaps and Options (North America)
304	ICAP Fixed Income (APME)
305	OPRA NASDAQ Only Regional
306	Athens Exchange Market Data Level 2
307	Athens Exchange Derivatives Market Level 1
308	Athens Exchange Derivatives Market Level 2
309	Cyprus Stock Exchange Market Data Level 1
310	Cyprus Stock Exchange Market Data Level 2
311	Korea Exchange Konex Level 1
312	Turquoise Market Data Level 2
313	NYSE Alerts Feed
314	NASDAQ OMX Baltic Equities and Fixed Income Level 2
321	NASDAQ Last Sale Plus - NASDAQ Issues

322	NASDAQ Last Sale Plus - NYSE/NYSE American Issues
323	NASDAQ Direct Edge EDGA Regional Only
324	NASDAQ Direct Edge EDGX Regional Only
325	Nikkei Nikkei Indices (5 daily updates)
326	NYSE ARCA ECN Equities Level 2
327	NASDAQ Bats BYX Regional Only
328	NYSE OpenBook Level 2 (real-time service)
329	OneChicago Single Stock Futures Market Level 1
330	NASDAQ SingleBook/TotalView
331	ICAP FX Spot and Forwards (global)
332	ICAP Interest Rate Options (Europe)
333	NASDAQ FINRA ADF (Alternative Display Facility)
334	National Stock Exchange of India Wholesale Debt Market Level 1
336	Nagoya Stock Exchange Market Data Level 2
337	NASDAQ Money Markets
338	NASDAQ Mutual Funds
339	NASDAQ Unit Investment Trusts (UIT)
340	NYSE American ETF IOPVs
341	OPRA Indices
342	TOCOM Futures Level 2 (former TGE contracts)
343	Dow Jones Dow Jones Indices
344	Luxembourg Stock Exchange Market Data Market-By-Price (All Levels)
345	NASDAQ Global Indices (GIDS)
346	Oslo Stock Exchange Derivatives Level 1
353	Nagoya Stock Exchange Market Data Level 1
355	Nikkei Nikkei and Osaka Dual Licence Indices
356	Moscow Exchange RTS Board Level 1
357	Deutsche Boerse Frankfurt Floor Trades
358	Singapore Exchange - SGX Access Indices
359	Tullett Prebon Information CDS
360	Oslo Stock Exchange Derivatives Level 2
361	NASDAQ OTC Non BB Issues
362	ICE Futures U.S. Financials L1
363	NASDAQ OTC Bulletin Board Level 1
364	Taiwan Stock Exchange Indices
365	Montreal Exchange Bankers' Acceptance Futures Level 1
366	Montreal Exchange Options Level 1
367	Chicago Board of Trade Level 2 Futures - ECBOT
368	Korea Exchange Group 2 Indices
369	MEFF Renta Fija (Fixed Income Derivatives) Level 1
370	MEFF Renta Variable (Equity Derivatives) Level 1

371	TSX Toronto Stock Exchange Level 2
372	TSX Toronto Stock Exchange Level 1
373	Tokyo Stock Exchange Equity Data Level 1
374	TSX TSX Venture Exchange Level 1
375	TSX TSX Venture Exchange Level 2
376	Korea Exchange Stock Market Level 2
377	Korea Exchange KOSDAQ Level 2
12	OPRA Options (Includes Composite and Regionals)
13	NYSE Market Data Level 1 (Includes Composite and Regionals)
14	NYSE American Market Data Level 1 (Includes Composite and Regionals)
15	NASDAQ Nasdaq Level 1 (Includes Composite and Regionals)
513	Minneapolis Grain Exchange Market Data Level 2
514	Osaka Exchange J-Net Platform Derivatives
515	Osaka Exchange Statistical Data
516	ICE Data Services US ETF iNAV
517	NYSE Bats BYX Regional Only
518	NYSE Direct Edge EDGA Regional Only
519	NYSE Direct Edge EDGX Regional Only
520	NYSE American Bats BYX Regional Only
521	NYSE American Direct Edge EDGA Regional Only
522	NYSE American Direct Edge EDGX Regional Only
523	Shanghai Stock Exchange Indices
524	OPRA Bats Regional Only
525	National Stock Exchange of India Equities Level 2
526	Mexico Stock Exchange Equities Market Level 2
527	Taiwan Stock Exchange Market Data Level 2
528	Taipei Exchange Market Data Level 2
529	CME Europe Level 1
530	Hanoi Stock Exchange Indices
531	Tullett Prebon Information Oil
532	CME Europe Level 2
533	NASDAQ BASIC - NASDAQ issues
534	NASDAQ BASIC - NYSE/NYSE American issues
535	National Stock Exchange of India Futures and Options Level 2
536	Moscow Exchange Indices
537	Hong Kong Stock Exchange Indices (exchange sourced)
538	Moscow Exchange Equities Level 1
545	NYSE American Composite Only
546	NASDAQ NASDAQ BX (formerly Boston SE) Regional Only
547	Bats Europe BXE BXE Simulation L1
548	NASDAQ NYSE American Stock Exchange Regional Only

549	NASDAQ Texas Stock Exchange Regional Only
550	NASDAQ New York Stock Exchange Regional Only
551	NASDAQ NYSE ARCA Regional Only (Formerly Pacific SE)
552	NASDAQ Nasdaq Regional Only
553	NASDAQ Philadelphia Stock Exchange Regional Only
554	NASDAQ ADF Regional Only
555	NASDAQ Market Velocity and Forces (MAX)
556	Stock Exchange of Thailand Indices
557	NASDAQ National Stock Exchange Regional Only
558	NYSE Composite Only
559	OPRA Composite Only
560	NYSE American NASD Alternative Trading Facility
561	NYSE American National Stock Exchange Regional Only
562	NYSE NASD Alternative Trading Facility
563	NYSE National Stock Exchange Regional Only
564	NASDAQ Nasdaq Composite Only
565	CanDeal Fixed Income
566	Indonesia Stock Exchange Market Data Level 1
567	Philippine Stock Exchange Equity Market Data Level 1
570	Bats US Market Data Level 2
577	Hanoi Stock Exchange Market Data Level 2
578	Singapore Exchange - SGX Derivatives Market Level 2
579	London Metal Exchange Market Data Level 1
580	Dalian Commodity Exchange Market Data Level 2
581	ICE Data Services Intraday Fixed Income Valuations (internal use only)
582	Sociedad de Bolsas Regional Indices (IND BOL)
583	Sociedad de Bolsas Full Fixed Income (RF N2)
584	Bursa Malaysia Derivatives Level 2
585	Bursa Malaysia Equities Level 2
586	Stock Exchange of Thailand Market Data Level 2
587	MEFF Renta Fija (Fixed Income Derivatives) Level 2
588	MEFF Renta Variable (Equity Derivatives) Level 2
589	NYSE American IEX Regional Only
590	NASDAQ IEX Regional Only
591	TOCOM Futures Data Level 2
592	Warsaw Stock Exchange Main Market Data Level 2
593	Deutsche Boerse Tradegate Level 1
594	Bats Europe BXE Market Data Level 1
595	Bats Europe BXE Market Data Level 2
596	New York Mercantile Exchange Energy Futures Level 2
597	COMEX New York Commodities Exchange Level 2

598	TOCOM Indices
599	Osaka Exchange Futures Level 1
600	Osaka Exchange Futures Level 2
601	JSE Indices
602	Euronext Equity Off-Exchange Trade Reports
609	Euronext Commodities Derivatives BBO1 Service
610	Euronext Commodities Derivatives Market-By-Price (All Levels)
611	Euronext Equities and Index Derivatives BBO1 Service
612	Euronext Equities and Index Derivatives Market-By-Price (All Levels)
613	Euronext Interest Rate Derivatives BBO1 Service
614	Euronext Interest Rate Derivatives Market-By-Price (All Levels)
615	Alpha ATS Market Data Level 2
616	Omega ATS Market Data Level 2
617	NASDAQ Canada Market Data Level 2
618	Canadian Securities Exchange (CSE) CSE Listed (formerly CNSX) Level 1
619	Canadian Securities Exchange (CSE) CSE Listed (formerly CNSX) Level 2
620	FTSE Russell Index Service
621	Macedonian Stock Exchange Market Data Level 2
622	BOVESPA Equities Market - BOVESPA Level 2
623	BOVESPA SOMA - Electronic Equities Market Level 2
624	NYSE Global Index Feed
625	Brazilian Mercantile and Futures Exchange Market Data Level 2
626	Shanghai Stock Exchange Market Data Level 2 (Basic)
627	London Stock Exchange UK Equity Market Service Level 1
628	London Stock Exchange UK Equity Market Service Level 2
629	London Stock Exchange International Equity Market Service Level 1
630	London Stock Exchange International Equity Market Service Level 2
631	Korea Exchange Konex Level 2
632	Shanghai Stock Exchange Market Data Level 1 (Premium)
633	OPRA NASDAQ BX Regional
634	Chicago Mercantile Exchange Bloomberg UBS Commodity Indices
641	Singapore Exchange - SGX Equities Market Level 2
642	Singapore Exchange - SGX FX Quote Level 2
643	Singapore Exchange - SGX CommodityQuote Contracts Level 2
644	NASDAQ OMX Nordic Fixed Income Fixings
645	Prague Stock Exchange Market Data Level 1
646	Gulf Mercantile Exchange Energy Futures Data L2
647	Macedonian Stock Exchange Indices
648	FTSE ST Index Series
649	MTS Group MTS Markets Level 2
650	Belgrade Stock Exchange Market Data Level 1

651	OneChicago Single Stock Futures Market Level 2
652	Borsa Italiana DER Module (derivatives market) Level 2
653	Chicago Board of Options Exchange MDX Indices
654	OTC Markets OTC Equities and NYSE Global OTC Level 2
655	Bulgarian Stock Exchange - Sofia All Prices Service Level 1
656	Deutsche Boerse Xetra European Stars Level 2
657	Deutsche Boerse Xetra US Stars Level 2
658	Sociedad de Bolsas IBEX Indices
659	Metropolitan Stock Exchange of India Futures & Options Level 1
660	NASDAQ OMX Nordic Basic Indices
661	Deutsche Boerse iBoxx Indices
663	NASDAQ OMX Nordic Equities Level 2
664	Bucharest Stock Exchange Market Data Level 1
665	Bucharest Stock Exchange Market Data Level 2
666	Chicago Board of Options Exchange Futures Exchange Level 1
673	Chicago Mercantile Exchange eMini Equity Package Level 2
674	Chicago Board of Trade Level 1 Futures - RTH
675	ICE Futures U.S. Commodities L1
676	Chicago Mercantile Exchange Globex Level 2
677	COMEX New York Commodities Exchange Level 1
678	Multi Commodity Exchange (MCX) Futures Data Level 1
679	Minneapolis Grain Exchange Market Data Level 1
680	Chicago Mercantile Exchange Globex Level 1
681	OTC Data Services FX Majors Snapshot
682	OTC Data Services FX Global Snapshot
683	Chicago Board of Options Exchange Futures Exchange Level 2 (Level based)
684	Chicago Mercantile Exchange eMini Equity Package Level 1
685	Chicago Mercantile Exchange Regular Trading Hours (PIT) Level 1
686	New York Mercantile Exchange Energy Futures Level 1
687	OTC Data Services FX Global Streaming
688	Chicago Board of Trade E-Mini Contracts Level 1
689	OTC Data Services FX Majors Streaming
690	ICE LIBOR
691	OTC Data Services Precious Metals Streaming
692	OTC Data Services Fixed Income
693	Chicago Board of Trade Level 1 Futures - ECBOT
694	Chicago Mercantile Exchange Indices
695	ICE Futures Canada Market Data Level 1
696	OTC Data Services Money Markets
697	ASX Equities Level 2
698	Chicago Mercantile Exchange Standard and Poor's Indices (CME Sourced)

706	Singapore Exchange - SGX CommodityQuote Contracts Level 1
707	Deutsche Boerse DJ STOXX Indices
708	OPRA Essential Options Service
709	TAIFEX Market Data Level 2
710	Hong Kong Stock Exchange Futures and Derivatives Market Level 1
711	NASDAQ OMX VINX Plus Indices
712	Hong Kong Stock Exchange Equities Cash Market Level 1
713	Singapore Exchange - SGX Equities Market Level 1
714	Bursa Malaysia Equities Level 1
716	NYSE NYSE Bonds
717	ICE Data Services Internal Test Exchange
718	Korea Exchange Equities - ETF, ETN, ELW (Securities Group C) Level 1
719	Moscow Exchange Equities Level 2
720	Indonesia Stock Exchange Market Data Level 2
721	Bursa Malaysia Derivatives Level 1
723	Singapore Exchange - SGX Derivatives Market Level 1
724	FTSE BBC Index
725	NASDAQ OMX Nordic Equities Level 1
726	Baltic Exchange Market Data Level 1
727	Korea Exchange Equities - ETF, ETN, ELW (Securities Group C) Level 2
728	ASX Equities, Bonds, Warrants Level 1
729	Bats US Market Data Level 1
730	Moscow Exchange RTS Board Level 2
737	NASDAQ Nasdaq Market on Close
739	Eurex Repo Market Level 1
740	ICE Data Services ETF IOPV (Europe)
741	ICE Data Services ETF IOPV (US)
742	Singapore Exchange - SGX FX Quote Level 1
743	Indonesia Stock Exchange Indices
744	Korea Exchange CME Linked Futures Level 2
745	FTSE FTSE Index Values
746	NASDAQ OMX Baltic Equities and Fixed Income Level 1
747	Deutsche Boerse Regional Exchanges Germany Level 1
748	Eurex European Market Data Level 1
750	Warsaw Stock Exchange Main Market Full Orderbook
751	Turquoise Market Data Level 1
752	Irish Stock Exchange ISE Xetra Datafeed Level 2
753	Macedonian Stock Exchange Market Data Level 1
754	ICE Data Services ETF IOPV (Asia-Pac)
755	Borsa Italiana AFF Module (electronic share market) Level 1
756	ICE Futures Europe Commodities Level 1

757	EMMI EURIBOR & EONIA
758	ICAP ISDX Equities Level 1
760	Sociedad de Bolsas Continuous Market Level 2 Plus
761	ICAP ISDX Equities Level 2
762	Deutsche Boerse Spot Market Germany (Frankfurt / Xetra) Level 1
769	Canadian Securities Exchange (CSE) TSX/Venture Listed (formerly Pure) Level 1
770	Ho Chi Minh Exchange Market Data Level 1
771	Hanoi Stock Exchange Market Data Level 1
772	National Commodity and Derivatives Exchange Market Data Level 1
773	Tokyo Financial Exchange Market Data Level 1
774	Tokyo Financial Exchange Market Data Level 2
775	Tokyo Stock Exchange Equity Data Level 1 FLEX Full
776	Tokyo Stock Exchange Equity Data Level 2 FLEX Full
777	Nagoya Stock Exchange Market Data Level 1 FLEX Full
778	Nagoya Stock Exchange Market Data Level 2 FLEX Full
779	Tel-Aviv Stock Exchange Market Data Level 1
780	Tel-Aviv Stock Exchange Market Data Level 2
781	ICE Futures Canada Market Data Level 2
783	Budapest Stock Exchange Market Data Level 2
784	Tokyo Stock Exchange Tokyo SE Indices
785	Dalian Commodity Exchange Market Data Level 1
786	ICE Futures U.S. Commodity Futures L2
787	Euronext Cash Last Price Service
788	Euronext Cash Level 1 (BBO1+)
789	OPRA CBOE C2 Regional Only
790	Euronext Non-Primary Indices and iNAVs
791	NYSE Bats Regional Only
792	NASDAQ Bats Regional Only
793	NYSE American Bats Regional Only
794	Bats Europe CXE Market Data Level 1
801	Borsa Italiana AFF Module (electronic share market) Level 2 (20 levels)
802	Borsa Italiana MOT Module (electronic bonds and gov securities market) Level 2 (20 levels)
803	SBI Japannext J Market Level 1
804	SBI Japannext J Market Level 2
805	Dalian Commodity Exchange Market Data Level 1 (Premium)
806	SBI Japannext X Market Level 1
807	SBI Japannext X Market Level 2
808	Moscow Exchange Bonds Level 1
809	Euronext Societe Generale SI Quote Data
810	Moscow Exchange Bonds Level 2
811	Moscow Exchange Currencies Level 1

812	Oslo Stock Exchange Market Data Level 2
813	New Zealand Exchange NZX Commodity Derivatives Level 1
814	Warsaw Stock Exchange NewConnect Market Full Orderbook
815	Euronext Societe Generale SI Trade Data
816	Moscow Exchange Currencies Level 2
817	Moscow Exchange Futures and Options Level 1
818	OPRA ISE Gemini Regional Only
819	Moscow Exchange Futures and Options Level 2
820	New Zealand Exchange NZX Commodity Derivatives Level 2
821	Euronext EUA
822	Ho Chi Minh Exchange Indices
823	Shenzhen Stock Exchange Market Data Level 2
824	Oslo Stock Exchange Market Data Level 1
825	SBI Japannext U Market Level 1
826	SBI Japannext U Market Level 2
834	Philippine Stock Exchange Market Data Level 2
835	Bursa Malaysia FTSE Indices
836	Bursa Malaysia Bursa Malaysia Indices
837	SIX Swiss Exchange Indices
838	SIX Swiss Exchange Non-Listed Investment Funds
839	SIX Swiss Exchange Structured Products Level 1
840	Nikkei and Tokyo Stock Exchange Indices
841	Osaka Exchange Options Level 1
842	Osaka Exchange Options Level 2
843	ICAP AUD Markets
844	ICAP NZD Markets
845	Tullett Prebon Information Asia Pac Emerging FX
846	Tullett Prebon Information Asia Pac Emerging Money
847	Tullett Prebon Information Asia Pac Emerging Rates
848	Tullett Prebon Information EMEA Emerging Fixed Income
849	Tullett Prebon Information EMEA Emerging FX
850	Tullett Prebon Information EMEA Emerging Money
851	Tullett Prebon Information EMEA Emerging Rates
852	Tullett Prebon Information EMEA Emerging Volatility
853	Tullett Prebon Information European Energy
854	Tullett Prebon Information LatAm Emerging FX
855	Tullett Prebon Information LatAm Emerging Money and Rates
856	Tullett Prebon Information LatAm Emerging Volatility
857	Tullett Prebon Information US Energy
858	Sociedad de Bolsas Warrants Level 2
866	Lima Stock Exchange Market Data Level 1

867	Korea Exchange CME Linked Futures Level 1
868	Prague Stock Exchange Market Data Level 2
869	London Metal Exchange Market Data Level 2
870	Vienna Stock Exchange Cash Market and Structured Products Level 2
871	Deutsche Boerse iBoxx EUR Consolidated Prices Level 1
872	Deutsche Boerse iBoxx GBP Consolidated Prices Level 1
873	Berne Exchange Market Data Level 1
874	Bratislava Stock Exchange Market Data Level 1
875	Bratislava Stock Exchange Market Data Level 2
876	Hong Kong Stock Exchange Futures and Derivatives Market Level 2
877	Tullett Prebon Information Majors Fixed Income
878	Tullett Prebon Information Majors Rates
879	Tullett Prebon Information Majors FX
880	Tullett Prebon Information Majors Volatility
881	Tullett Prebon Information Asia Pac Emerging Volatility
882	Tullett Prebon Information LatAm Emerging Fixed Income
883	Tullett Prebon Information Global Inflation
884	Tullett Prebon Information Majors Money
885	Tullett Prebon Information Asia Pac Emerging Fixed Income
886	ICE Endex Market Data Level 2
887	ASX Indices
888	ASX ASX Equity Options Level 2
889	ASX ASX Equity Options Level 1
890	ICE Futures Europe Financials Level 1
897	NASDAQ OMX Nordic Equity TotalView Level 2
898	Shenzhen Stock Exchange Market Data Level 1
899	Shanghai Stock Exchange Market Data Level 1 (Basic)
900	Shanghai Futures Exchange Market Data Level 1
901	Shanghai Futures Exchange Market Data Level 2
902	Borsa Italiana Indices
903	Borsa Italiana DER Module (derivatives market) Level 1
904	Athens Exchange Market Data Level 1
905	ICE Futures Europe Financials Futures L2
906	NASDAQ OMX Nordic Derivatives Level 1
907	Athens Exchange Indices
908	Stuttgart Stock Exchange EUWAX - Derivatives Market Level 1
909	Korea Exchange KOSDAQ Level 1
910	Korea Exchange Stock Market Level 1
911	Bombay Stock Exchange Market Data Level 1
912	Bombay Stock Exchange Indices (incl. Sensex)
913	Osaka Exchange JGB Futures Level 2

914	ICE Data Services Evaluated Bond Prices
915	Taipei Exchange Market Data Level 1
916	Taiwan Stock Exchange Market Data Level 1
917	ICAP Money Markets - Deposits and CDs (global)
918	New Zealand Exchange NZX Equities Level 1
919	OTC Markets OTC Equities and NYSE Global OTC Level 1
920	Stock Exchange of Thailand Market Data Level 1
921	Korea Exchange Indices
922	ICE Data Services PlusFeed Exchange Directory / UTC Time
929	New Zealand Exchange NZX Equities Level 2
930	London Metal Exchange LBMA Platinum and Palladium Benchmark Fixing
931	Sociedad de Bolsas Regional Equities Electronic Outcry (CRR_N1+)
932	Philippine Stock Exchange Indices
933	ITG POSIT Market Data Level 1
934	MSCI Indices (Vendor Index Module) END OF DAY UPDATES ONLY
935	ICAP Interest Rate Swaps (Europe)
936	Tokyo Stock Exchange Equity Data Level 2
937	Brazilian Mercantile and Futures Exchange Market Data Level 1
938	Hong Kong Stock Exchange Equities Cash Market Level 2
939	OTC Markets Level 1 OTC Equities
940	OTC Markets Level 2 OTC Equities
941	National Stock Exchange of India Equities and Indices Level 1
942	Tullett Prebon Information FXO
943	National Stock Exchange of India Futures and Options Level 1
944	Brazilian Mercantile and Futures Exchange Market Data Level 2
945	Chicago Board of Trade E-Mini Contracts Level 2
946	Korea Exchange General Market Representative Indices
947	China Exchanges Services Company CES Indices
948	NASDAQ OMX Nordic Derivatives Level 2
949	NASDAQ OMX Nordic Fixed Income Level 2
950	Budapest Stock Exchange Best Price Level Service Level 1
951	Budapest Stock Exchange BUX Index Package Datafeed
952	TAIFEX Market Data Level 1
953	NASDAQ OMX Nordic Fixed Income Level 1
954	Irish Stock Exchange Bonds and Funds Datafeed Level 1
961	Taipei Exchange Bonds Level 1
962	Irish Stock Exchange ISE Xetra Datafeed Level 1
963	NASDAQ OMX Commodities Market Data Level 2
964	Buenos Aires Stock Exchange Equities Market Level 1
965	BOVESPA SOMA - Electronic Equities Market Level 1
966	Sociedad de Bolsas Continuous Market Level 1 Plus

967	Bats Europe CXE CXE Simulation L2
968	Vienna Stock Exchange Cash Market and Structured Products Level 1
969	ICAP Fixed Income (Europe)
970	OTC Data Services Energy
971	Bombay Stock Exchange Market Data Level 2
972	Shenzhen Stock Exchange Indices
973	Euronext Cash Market-By-Order (All Levels)
974	Stuttgart Stock Exchange Indices
975	Stuttgart Stock Exchange Cash Market Level 1
976	Deutsche Boerse Indices
977	Irish Stock Exchange ISE Xetra Datafeed - Indices
978	Warsaw Stock Exchange Main Market Data Level 1
979	European Energy Exchange Spot and Derivatives Market Level 1
980	Euronext Primary Indices
981	BOVESPA Equities Market - BOVESPA Level 1
982	Santiago Stock Exchange Equities Market Level 1
983	Canadian Securities Exchange (CSE) TSX/Venture Listed (formerly Pure) Level 2
984	Mexico Stock Exchange Equities Market Level 1
985	JSE Equities Level 2
986	OPRA MIAX Options Exchange Regional
31	ICE Data Services Network Time
1025	Dhaka Stock Exchange End-of-day Market Data Service
1026	Botswana Stock Exchange End-of-day Market Data Service
1029	Bourse Regionale des Valeurs Mobilieres End-of-day Market Data Service
1030	Jamaica Stock Exchange End-of-day Market Data Service
1031	Tokyo Stock Exchange Trade-Only
1032	ICAP Energy Europe
1033	Kuwait Stock Exchange Market Data Level 1
1034	Egyptian Exchange Stocks, Funds and Bonds Level 1
1037	Mauritius Stock Exchange End-of-day Market Data Service
1039	Namibian Stock Exchange End-of-day Market Data Service
1040	ICE Data Services PlusBook Level 1
1042	Muscat Securities Market Market Data Level 1
1043	Pakistan Stock Exchange End-of-day Market Data Service
1044	Qatar Exchange Market Data Level 1
1045	Saudi Stock Exchange Market Data Level 1
1046	ICE Futures U.S. Financial US LNG L1
1047	Trinidad and Tobago Stock Exchange End-of-day Market Data Service
1049	FINRA BTDS - Trace Feed
1050	ICE Data Services PlusBook Level 2
1057	NYSE NYSE Essential Equities Service

1058	NYSE American NYSE MKT (formerly AMEX) Essential Equities
1059	WM Reuters Spot Rates
1060	WM Reuters Forward Rates
1061	NASDAQ NASDAQ - Essential Equities
1062	Market Axess Sector Yield Curves
1067	ICE Futures U.S. Financial US LNG L2
1068	Tradition Basis Swaps, Cross Currency Swaps, IRSs and Deposits
1069	Tradition IRS, IR Swap Spreads, IR Options, FRAs
1070	Tradition FX Forwards, Options and NDFs
1071	Tradition Fixed Income
1072	Tradition CDs - US Corporate, Asia Corporate and Sovereign
1073	ICAP GovPX Fixed Income
1074	ICAP SwapPX Money Markets
1075	Canadian Consolidated Equities Consolidated BBO and Last Sale Service Level 1
1076	Abu Dhabi Securities Exchange Market Data Level 1
1077	Bahrain Stock Exchange Market Data Level 1
1078	NASDAQ Dubai Market Data Level 1
1079	Dubai Financial Market Market Data Level 1
1080	ICE Data Services Fair Value Equity Service
1082	WM Reuters Non-Deliverable Forward Rates
1089	Hang Seng Indices (full package)
1090	Nikkei Indices (full package)
1091	Euronext Societe Generale SI Quote Data L2
1092	FINRA ATDS (Agencies)
1093	Egyptian Exchange Stocks, Funds and Bonds Level 2
1096	Malta Stock Exchange End-of-day Market Data Service
1097	Bolsa de Valores de Colombia Market Data Level 1
1098	MSRB Municipal Bond Market Data Level 1
1099	Cboe Australia Market Data Level 1
1100	Cboe Australia Market Data Level 2
1101	Equiduct Market by Limit Level 1
1102	Equiduct Market by Limit Level 2
1103	Equiduct HybridBook Level 1
1104	Equiduct HybridBook Level 2
1105	EuroTLX Market Data Level 1
1106	EuroTLX Market Data Level 2
1121	Platts Asia/AG Product Prices
1122	Platts Bunker Prices
1124	Platts Coal Data - U.S.
1125	Platts Coal: Metallurgical Coal
1126	Platts Crude Oil - International

1127	Platts Crude Oil - N. America
1128	Platts Electricity - Forwards US
1129	Platts Electricity - Spark Spreads US
1131	Platts European Electricity Prices
1132	Platts European Natural Gas Prices
1133	Platts European Product Prices
1134	Platts Feedstock Prices
1136	Platts Futures Closing Prices
1137	Platts International LPG Prices
1138	Platts Intraday Indications
1139	Platts LME Futures Closes
1140	Platts LNG: Assessments and Fundamentals
1141	Platts Metals Prices
1142	Platts Misc. Petroleum Data (Statistics, Indices, Forex, Averages)
1143	Platts North American Natural Gas Prices Daily
1144	Platts North American Natural Gas Prices Monthly
1145	Platts Petrochemical Prices
1146	Platts Petroleum Derivatives Americas
1153	Platts Petroleum Derivatives Asia
1154	Platts Petroleum Derivatives EMEA
1156	Platts Russian Domestic Crude and Products
1157	Platts Tanker Rates
1158	Platts US Electricity Prices
1159	Platts US Natural Gas Forwards
1160	Platts US Product Prices - Light Ends / Latam
1161	Platts US Product Prices Resids
1162	Platts US Racks Prices
1163	Platts US LPG Prices
1164	Platts Yields and Netbacks
1165	Platts NYMEX Swaps
1166	Egyptian Exchange Indices data
1167	Amman Stock Exchange Market Data Level 1
1168	Casablanca Stock Exchange Market Data Level 1+
1169	Casablanca Stock Exchange Real-time Indices data
1170	Tunis Stock Exchange Equities and Bonds Market Data Level 1
1171	Tunis Stock Exchange Indices data
1172	ICIS Heren European Daily Electricity Platinum
1173	Colombo Stock Exchange Market Data Level 1
1174	Nigerian Stock Exchange Market Data Level 1
1175	Nairobi Securities Exchange Market Data Level 1
1176	Citi Global Markets CATS French Market Data

1178	ICE Swap Rates
1185	Platts BioFuels
1186	Chi-X Japan Market Data Level 1
1187	Chi-X Japan Market Data Level 2
1188	ICIS Heren European Spot Gas Market Platinum
1189	ICIS Heren Energy LNG Package Platinum
1191	BGCantor European Government Bonds
1197	BGCantor Eurobonds
1234	GFI Interest Rate Options - ATM
1235	GFI Interest Rate Options - Skew
1237	GFI Power
1238	GFI EU Gas
1239	GFI Global Coal
1240	GFI Freight
1241	GFI Emissions
1254	Dow Jones WSJ US Dollar Index
1257	DirectEdge Edge A Level 1
1258	DirectEdge Edge A Level 2
1259	DirectEdge Edge X Level 1
1260	DirectEdge Edge X Level 2
1261	Platts Agriculture
1262	Platts Coal: Miscellaneous
1267	ICAP Energy North America
1272	BGCantor Money Markets - Global
1290	BGCantor FX Forwards - G10, Emerging Market
1291	BGCantor Non-Deliverable Forwards
1292	BGCantor FX Options
1302	GFI Global Bonds
1303	GFI FX Options
1313	ICE Futures Canada Options Level 2
1321	OTC Data Services FX Professional Streaming
1322	OTC Data Services FX Professional Snapshot
1323	Thailand Futures Exchange Market Data Level 1
1324	Thailand Futures Exchange Market Data Level 2
1325	ICE Data Services CEP US MBS Pass-Throughs
1326	ICE Data Services CEP US MBS TBAs
1327	ICE Data Services CEP US Treasury Bills, Notes and Bonds
1328	ICE Data Services CEP US Treasury STRIPS
1329	ICE Data Services CEP US Agency Debentures
1330	ICE Data Services CEP US Investment Grade Evaluations
1331	ICE Data Services CEP US High Yield Evaluations

1332	FINRA 144A Transaction Data
1334	NYSE Order Imbalance
1335	NYSE NYSE Trades
1336	NYSE ARCA Trades
1337	NYSE MKT Trades
1338	ICE Data Services CEP European Money Markets
1345	Tradition Global Oil and Refined Products
1346	Tradition European Energy INTERNAL USE ONLY
1347	Marex European Energy
1348	Tullett Prebon Information European Energy
1349	Tullett Prebon Information North American Energy
1350	Tullett Prebon Information Oil
1351	Platts Dispatch
1352	NASDAQ Futures Level 1
1353	NASDAQ Futures Level 2
1357	New Zealand Financial Markets Association NZFMA
1358	ASX ASX 24 (Formerly Sydney) Futures Level 1
1359	ASX ASX 24 (Formerly Sydney) Futures Level 2
1360	ASX New Zealand Futures and Options Level 1
1361	ASX New Zealand Futures and Options Level 2
1362	OTC Data Services Interest Rate Derivatives
1363	ICE LBMA Gold Fixing
1364	S&P Dow Jones NZX Sector Indices
1365	S&P Dow Jones DJ Total Stock Market Indices
1366	Zhengzhou Commodity Exchange Market Data Level 1
1367	JSE Safex Derivatives Level 1
1368	JSE Safex Derivatives Level 2
1369	ICE Data Services CEP Cross Regional Bonds
1370	ICE Data Services Fair Value Equity Service
1377	S&P Dow Jones Global Indices
1378	S&P Dow Jones US Equal Weight Corporate Bond Indices
1379	ICE Data Services CEP US Municipal Evaluations
1381	Korea Exchange Futures & Options Level 1
1382	Korea Exchange Futures & Options Level 2
1388	NYSE Best Quotes & Trades (BQT)
1390	ICE Futures Singapore Market Data Level 1
1391	ICE Futures Singapore Market Data Level 2
1392	ICE Data Services CEP Long Term CD Evaluations
1393	ICE Data Services CEP Latin America Evaluations
1394	ICE Data Services CEP US Municipal Money Markets Evaluations
1395	ICE Data Services CEP US Municipal Derivatives Evaluations

1396	ICE Futures U.S. S2F North American Natural Gas Level 1
1397	ICE Futures U.S. S2F North American Natural Gas Level 2
1398	ICE Futures U.S. S2F North American Power Level 1
1399	ICE Futures U.S. S2F North American Power Level 2
1427	ICE Futures U.S. S2F Physical Environment Level 1
1428	ICE Futures U.S. S2F Physical Environment Level 2
1429	ICE Futures Europe S2F Global Refined Products Level 1
1430	ICE Futures Europe S2F Global Refined Products Level 2
1431	ICE Futures Europe S2F NGL Level 1
1432	ICE Futures Europe S2F NGL Level 2
1537	ICE Data Services CEP Asian Money Markets
1538	ICE Data Services CEP US Money Markets
1539	ICE Data Services CEP European Fixed Income Evaluations
1540	ICE Data Services CEP Asian Fixed Income Evaluations
1543	CETIP Government Bonds L1
1544	CETIP Corporate Bonds L1
1545	CETIP Casada Bonds L1
1548	ICE Futures Europe S2F Global Refined Products Platts Level 1
1549	ICE Futures Europe S2F Global Refined Products Platts Level 2
1552	Aequitas NEO Exchange NEO Listed Lit Book L1
1553	Aequitas NEO Exchange NEO Listed Lit Book L2
1554	Aequitas NEO Exchange NEO Listed NEO Book L1
1555	Aequitas NEO Exchange NEO Listed NEO Book L2
1556	Aequitas NEO Exchange TSX/TSXV Listed Lit Book L1
1557	Aequitas NEO Exchange TSX/TSXV Listed Lit Book L2
1558	Aequitas NEO Exchange TSX/TSXV Listed NEO Book L1
1559	Aequitas NEO Exchange TSX/TSXV Listed NEO Book L2
1572	ICE Futures U.S. Commodity Options L2
1573	ICE Futures U.S. Financials Options L2

RTSTICK RTS Ticker

Ticker supplied by RTS/Plusfeed

SALEDATE Sale Date

Available for municipal securities. The date of bidding on competitive deals. For negotiated deals this item is the date on which the bonds are awarded to the Lead Manager or syndicate. For remarketed bonds this date will be greater than the **Dated Date**, as the latter will refer to the original issue.

SAPICR S&P Long-Term Underlying Rating for Credit Program

The Standard & Poor's Long Term Underlying Rating for Credit program provides the rating based on the underlying credit quality of the program participant in a case where a state credit enhancement program rating is also assigned.

SAPICRADAT S&P Long-Term Underlying Rating for Credit Program Date
Date of SAPICR

SAPR S&P Long-term Rating
The long-term rating assigned by Standard & Poor's (S&P).

SAPRADAT S&P Long-term Rating Effective Date
Date of SAPR

SAPRS S&P Short-term Rating
The short-term rating assigned by Standard & Poor's (S&P).

SAPRSADAT S&P Short-term rating date
Date of SAPRS

SDL6 SEDOL/IDII Number of Underlying Shares Excluding Check Digit
Returns the six character SEDOL number.

SDL7 SEDOL/IDII Number of Underlying Shares Including Check Digit
Returns the seven-character SEDOL number (includes check digit)

SECREG SEC Registration Flag
Flag indicating if the security is registered with the U.S. Securities and Exchange Commission (SEC). It is only populated if the Issue Registration Type = 144A.

SEDOL SEDOL/IDII
First six characters of SEDOLCHK.

SEDOLCHK SEDOL/IDII with Check Digit
See A1ASIS

SEDOLRECtxt SEDOL/IDII Record
Returns active and inactive SEDOL and IDII codes and related metadata for the security requested.

SEDOLRECtxt is a record item which returns the following fields

Field Description	Description	Code table notes
Country of ID	Either the country of quotation or issuer depending on the type of identifier.	See Appendix A: Country Codes
Start Date	The first date the identifier is valid	Not applicable
End Date	The last date the identifier is valid	Not applicable
Country of Quotation	Returns the country the security trades in.	See Appendix A: Country Codes
SEDOL/IDII	See A1ASIS	Not applicable
Home Quote	See HOMQTtxt	See code table used by HOMQTtxt

Country of Incorp.	See CTRItxt	See Appendix A: Country Codes

SERIES Series Name

Available for municipal securities, describes the series to which a municipal bond belongs. This item usually contains the issuer's fiscal year and a series letter.

SERIESID Issue Series

The issue series number indicated in the prospectus.

SETDT Settlement Date

The date the issue must be paid for or delivered. For certificates of deposit, this item may represent either the date when the security is exchanged for cash (also referred to as "delivery date"), or the dated date (the date upon which interest begins to accrue).

SETINDtxt Settlement Indicator

The Settlement Indicator, available for municipal securities, indicates whether the SETDT (Settlement Date) is approximate (A) or firm (F).

Code	Description
A	Approximate
F	Firm

SFBA Sinking Fund Basis Anniversary

The month and day as of which bond debt outstanding is determined each year, from which the sinking fund amount is calculated.

SFBD Sinking Fund Basis Date

The date as of which the bond debt outstanding is determined, from which the sinking fund amount is calculated.

SFBItxt Sinking Fund Basis Indicator

The Sinking Fund Basis Indicator defines how the Sinking Fund Amount is determined if the sinking fund is based on a percentage of the bond debt outstanding as of a future date, or the original issue amount if applicable.

Code	Description
A	As of basis date (SFBD)
B	As of previous basis anniversary (SFBA)
C	As of basis date until first basis anniversary, then as of previous basis anniversary
D	As of previous basis anniversary, but as of basis date from then onward

SFCDtxt Sinking Fund Frequency

The Sinking Fund Frequency is a code indicating the timing of sinking fund/drawing payments.

Code	Description
1	Annually
2	Semi-annually
3	Quarterly

4	Monthly
5	On coupon dates
6	Biennially (every two years)
7	On certain dates only
9	New situation

SFDT Sinking Fund Start Date

The date by which a given amount of the bond is scheduled to be redeemed by the issuer.

SFENDDT Sinking Fund End Date

The date by which a given amount of the bond issue is scheduled to be redeemed by the issuer.

SFFTtxt Fitch Ratings Suffixes

Returns the ratings Suffix that Fitch Ratings has implemented to increase the transparency into what the rating addresses.

Code	Description
1	Unassigned
2	Structured finance instrument
3	Rating applicable for money market fund
4	Denotes embedded risk

SFINCtxt Sinking Fund Increase Flag

The Sinking Fund Increase Flag indicates whether the sinking fund provision for an issue provides for increasing the amount to be redeemed if certain conditions exist.

Code	Description
A	No provision
B	Applies to mandatory sinking fund
C	Applies to optional sinking fund
D	Applies to both mandatory and optional sinking funds
Z	Other

SFMTHtxt Sinking Fund Method

The Sinking Fund Method is a code identifying the method by which the mandatory sinking fund retirements are made.

Code	Description
A	Lottery - Bonds are selected by the trustee at random and called to fulfill the retirement requirement; if not explicitly stated in the prospectus, the lottery method is assumed
B	Pro-rata - Bonds are called by retiring an equal amount from each owner based on the percentage of bonds held

SFOPFtxt Sinking Fund Optional Payment Flag

The Sinking Fund Optional Payment Flag indicates if and how the optional sinking fund call can be used to satisfy future mandatory calls, where a prospectus provides for an optional sinking fund call.

Code	Description
A	No provision
B	Satisfies any future mandatory requirement
C	Satisfies future mandatory requirement, last year first

SFOTHtxt Sinking Fund Other Series Flag

The Sinking Fund Other Series Flag indicates whether a sinking fund call for an issue can be satisfied by calling other series' issues, when a prospectus or shelf registration permits issuing many series of bonds.

Code	Description
A	No provision
B	Condition applies
Z	Other

SFSPtxt S&P Regulatory Qualifier

Defines whether or not a security is deemed by Standard & Poor's to be a structured finance transaction under the guidelines of the European Regulation on Credit Agencies (Regulation (EC) No 1060/2009).

Code	Description
1	Unassigned
2	Deemed to be a structured finance transaction
3	Not deemed to be a structured finance transaction

SFSUPERtxt Super Sinker Indicator

The Super Sinker Indicator identifies a sinking fund as a super sinker (**S**) or another type of sinking fund (blank).

Code	Description
S	Super Sinking Fund
	Other Sinking Fund Type

SHIN Short Interest, Mid Month

The adjusted monthly mid-month short interest

SHN2 Short Interest

The adjusted monthly mid and end of month short interest

SICDtxt SIC of Issuer

The SIC Code of Issuer is the Interactive Data-assigned **S**tandard **I**ndustrial **C**lassification code, classifying a company according to its primary business activity.

Code	Description
100	Agricultural Production-Crops
1000	Metal Mining
1011	Iron ores
1021	Copper ores

1031	Lead & zinc ores
1040	Gold And Silver Ores
1041	Gold ores
1044	Silver ores
1061	Ferroalloy ores, except vanadium
1081	Metal mining services
1090	Miscellaneous Metal Ores
1094	Uranium-radium-vanadium ores
1099	Metal ores, not elsewhere classified
111	Wheat
112	Rice
115	Corn
116	Soybeans
119	Cash grains, not elsewhere classified
1220	Bituminous Coal & Lignite Mining
1221	Bituminous coal & lignite surface mining
1222	Bituminous coal underground mining
1231	Anthracite mining
1241	Coal mining services
131	Cotton
1311	Crude petroleum & natural gas
132	Tobacco
1321	Natural gas liquids
133	Sugarcane & sugar beets
134	Irish potatoes
1381	Drilling oil & gas wells
1382	Oil & gas exploration services
1389	Oil & gas field services, not elsewhere classified
139	Field crops, except cash grains, not elsewhere classified
1400	Mining & Quarrying Of Nonmetallic Minerals (No Fuels)
1411	Dimension stone
1422	Crushed & broken limestone
1423	Crushed & broken granite
1429	Crushed & broken stone, not elsewhere classified
1442	Construction sand & gravel
1446	Industrial sand
1455	Kaolin & ball clay
1459	Clay & related minerals, not elsewhere classified
1474	Potash, soda, & borate minerals
1475	Phosphate rock
1479	Chemical & fertilizer mining, not elsewhere classified

1481	Nonmetallic minerals services
1499	Miscellaneous nonmetallic minerals
1520	General Bldg Contractors - Residential Bldgs
1521	Single-family housing construction
1522	Residential construction, not elsewhere classified
1531	Operative builders
1540	General Bldg Contractors - Nonresidential Bldgs
1541	Industrial buildings & warehouses
1542	Nonresidential construction, not elsewhere classified
1600	Heavy Construction Other Than Bldg Const - Contractors
161	Vegetables & melons
1611	Highway & street construction
1622	Bridge, tunnel, & elevated highway
1623	Water, sewer, & utility lines
1629	Heavy construction, not elsewhere classified
1700	Construction - Special Trade Contractors
171	Berry crops
1711	Plumbing, heating, air-conditioning
172	Grapes
1721	Painting & paper hanging
173	Tree nuts
1731	Electrical work
174	Citrus fruits
1741	Masonry & other stonework
1742	Plastering, drywall, & insulation
1743	Terrazzo, tile, marble, mosaic work
175	Deciduous tree fruits
1751	Carpentry work
1752	Floor laying & floor work, not elsewhere classified
1761	Roofing, siding, & sheet metal work
1771	Concrete work
1781	Water well drilling
179	Fruits & tree nuts, not elsewhere classified
1791	Structural steel erection
1793	Glass & glazing work
1794	Excavation work
1795	Wrecking & demolition work
1796	Installing building equipment, not elsewhere classified
1799	Special trade contractors, not elsewhere classified
181	Ornamental nursery products
182	Food crops grown under cover

191	General farms, primarily crop
200	Agricultural Prod-Livestock & Animal Specialties
2000	Food And Kindred Products
2011	Meat packing plants
2013	Sausages & other prepared meats
2015	Poultry slaughtering & processing
2020	Dairy Products
2021	Creamery butter
2022	Cheese, natural & processed
2023	Dry, condensed, evaporated products
2024	Ice cream & frozen desserts
2026	Fluid milk
2030	Canned, Frozen & Preserved Fruit, Veg & Food Specialties
2032	Canned specialties
2033	Canned fruits & vegetables
2034	Dehydrated fruits, vegetables, soups
2035	Pickles, sauces, & salad dressings
2037	Frozen fruits & vegetables
2038	Frozen specialties, not elsewhere classified
2040	Grain Mill Products
2041	Flour & other grain mill products
2043	Cereal breakfast foods
2044	Rice milling
2045	Prepared flour mixes & doughs
2046	Wet corn milling
2047	Dog & cat food
2048	Prepared feeds, not elsewhere classified
2050	Bakery Products
2051	Bread, cake, & related products
2052	Cookies & crackers
2053	Frozen bakery products, except bread
2060	Sugar & Confectionery Products
2061	Raw cane sugar
2062	Cane sugar refining
2063	Beet sugar
2064	Candy & other confectionery products
2066	Chocolate & cocoa products
2067	Chewing gum
2068	Salted & roasted nuts & seeds
2070	Fats & Oils
2074	Cottonseed oil mills

2075	Soybean oil mills
2076	Vegetable oil mills, not elsewhere classified
2077	Animal & marine fats & oils
2079	Edible fats & oils, not elsewhere classified
2080	Beverages
2082	Malt beverages
2083	Malt
2084	Wines, brandy, & brandy spirits
2085	Distilled & blended liquors
2086	Bottled & canned soft drinks
2087	Flavoring extracts & syrups, not elsewhere classified
2090	Miscellaneous Food Preparations & Kindred Products
2091	Canned & cured fish & seafoods
2092	Fresh or frozen prepared fish
2095	Roasted coffee
2096	Potato chips & similar snacks
2097	Manufactured ice
2098	Macaroni & spaghetti
2099	Food preparations, not elsewhere classified
2100	Tobacco Products
211	Beef cattle feedlots
2111	Cigarettes
212	Beef cattle, except feedlots
2121	Cigars
213	Hogs
2131	Chewing & smoking tobacco
214	Sheep & goats
2141	Tobacco stemming & redrying
219	General livestock, not elsewhere classified
2200	Textile Mill Products
2211	Broadwoven fabric mills, cotton
2221	Broadwoven fabric mills, manmade
2231	Broadwoven fabric mills, wool
2241	Narrow fabric mills
2250	Knitting Mills
2251	Women's hosiery, except socks
2252	Hosiery, not elsewhere classified
2253	Knit outerwear mills
2254	Knit underwear mills
2257	Weft knit fabric mills
2258	Lace & warp knit fabric mills

2259	Knitting mills, not elsewhere classified
2261	Finishing plants, cotton
2262	Finishing plants, manmade
2269	Finishing plants, not elsewhere classified
2273	Carpets & rugs
2281	Yarn spinning mills
2282	Throwing & winding mills
2284	Thread mills
2295	Coated fabrics, not rubberized
2296	Tire cord & fabrics
2297	Nonwoven fabrics
2298	Cordage & twine
2299	Textile goods, not elsewhere classified
2300	Apparel & Other Finished Prods Of Fabrics & Similar Material
2311	Men's & boys' suits & coats
2320	Men's & Boys' Furnishings, Work Clothing, & Allied Garments
2321	Men's & boys' shirts
2322	Men's & boys' underwear & nightwear
2323	Men's & boys' neckwear
2325	Men's & boys' trousers & slacks
2326	Men's & boys' work clothing
2329	Men's & boys' clothing, not elsewhere classified
2330	Women's, Misses', And Juniors Outerwear
2331	Women's & misses' blouses & shirts
2335	Women's, junior's, & misses' dresses
2337	Women's & misses' suits & coats
2339	Women's & misses' outerwear, not elsewhere classified
2340	Women's, Misses', Children's & Infants' Undergarments
2341	Women's & children's underwear
2342	Bras, girdles, & allied garments
2353	Hats, caps, & millinery
2361	Girls' & children's dresses, blouses
2369	Girls' & children's outerwear, not elsewhere classified
2371	Fur goods
2381	Fabric dress & work gloves
2384	Robes & dressing gowns
2385	Waterproof outerwear
2386	Leather & sheep-lined clothing
2387	Apparel belts
2389	Apparel & accessories, not elsewhere classified
2390	Miscellaneous Fabricated Textile Products

2391	Curtains & draperies
2392	House furnishings, not elsewhere classified
2393	Textile bags
2394	Canvas & related products
2395	Pleating & stitching
2396	Automotive & apparel trimmings
2397	Schiffli machine embroideries
2399	Fabricated textile products, not elsewhere classified
2400	Lumber & Wood Products (No Furniture)
241	Dairy farms
2411	Logging
2421	Sawmills & planning mills, general
2426	Hardwood dimension & flooring mills
2429	Special product sawmills, not elsewhere classified
2430	Millwood, Veneer, Plywood, & Structural Wood Members
2431	Millwork
2434	Wood kitchen cabinets
2435	Hardwood veneer & plywood
2436	Softwood veneer & plywood
2439	Structural wood members, not elsewhere classified
2441	Nailed wood boxes & shook
2448	Wood pallets & skids
2449	Wood containers, not elsewhere classified
2451	Mobile homes
2452	Prefabricated wood buildings
2491	Wood preserving
2493	Reconstituted wood products
2499	Wood products, not elsewhere classified
251	Broiler, fryer, & roaster chickens
2510	Household Furniture
2511	Wood household furniture
2512	Upholstered household furniture
2514	Metal household furniture
2515	Mattresses & bedsprings
2517	Wood TV & radio cabinets
2519	Household furniture, not elsewhere classified
252	Chicken eggs
2520	Office Furniture
2521	Wood office furniture
2522	Office furniture, except wood
253	Turkeys & turkey eggs

2531	Public building & related furniture
254	Poultry hatcheries
2540	Partitions, Shelving, Lockers, & Office & Store Fixtures
2541	Wood partitions & fixtures
2542	Partitions & fixtures, except wood
259	Poultry & eggs, not elsewhere classified
2590	Miscellaneous Furniture & Fixtures
2591	Drapery hardware & blinds & shades
2599	Furniture & fixtures, not elsewhere classified
2600	Papers & Allied Products
2611	Pulp mills
2621	Paper mills
2631	Paperboard mills
2650	Paperboard Containers & Boxes
2652	Setup paperboard boxes
2653	Corrugated & solid fiber boxes
2655	Fiber cans, drums & similar products
2656	Sanitary food containers
2657	Folding paperboard boxes
2670	Converted Paper & Paperboard Prods (No Containers/Boxes)
2671	Paper coated & laminated, packaging
2672	Paper coated & laminated, not elsewhere classified
2673	Bags: plastics, laminated, & coated
2674	Bags: uncoated paper & multiwall
2675	Die-cut paper & board
2676	Sanitary paper products
2677	Envelopes
2678	Stationery products
2679	Converted paper products, not elsewhere classified
271	Fur-bearing animals & rabbits
2711	Newspapers
272	Horses & other equines
2721	Periodicals
273	Animal aquaculture
2731	Book publishing
2732	Book printing
2741	Miscellaneous publishing
2750	Commercial Printing
2752	Commercial printing, lithographic
2754	Commercial printing, gravure
2759	Commercial printing, not elsewhere classified

2761	Manifold business forms
2771	Greeting cards
2780	Blankbooks, Looseleaf Binders & Bookbinding & Related Work
2782	Blankbooks & looseleaf binders
2789	Bookbinding & related work
279	Animal specialties, not elsewhere classified
2790	Service Industries For The Printing Trade
2791	Typesetting
2796	Platemaking services
2800	Chemicals & Allied Products
2810	Industrial Inorganic Chemicals
2812	Alkalies & chlorine
2813	Industrial gases
2816	Inorganic pigments
2819	Industrial inorganic chemicals, not elsewhere classified
2820	Plastic Material, Synth Resin/Rubber, Cellulose (No Glass)
2821	Plastics materials & resins
2822	Synthetic rubber
2823	Cellulosic manmade fibers
2824	Organic fibers, noncellulosic
2833	Medicinals & botanicals
2834	Pharmaceutical preparations
2835	Diagnostic substances
2836	Biological products except diagnostic
2840	Soap, Detergents, Cleaning Preparations, Perfumes, Cosmetics
2841	Soap & other detergents
2842	Polishes & sanitation goods
2843	Surface active agents
2844	Toilet preparations
2851	Paints & allied products
2860	Industrial Organic Chemicals
2861	Gum & wood chemicals
2865	Cyclic crudes & intermediates
2869	Industrial organic chemicals, not elsewhere classified
2870	Agricultural Chemicals
2873	Nitrogenous fertilizers
2874	Phosphatic fertilizers
2875	Fertilizers, mixing only
2879	Agricultural chemicals, not elsewhere classified
2890	Miscellaneous Chemical Products
2891	Adhesives & sealants

2892	Explosives
2893	Printing ink
2895	Carbon black
2899	Chemical preparations, not elsewhere classified
291	General farms, primarily animal
2911	Petroleum refining
2950	Asphalt Paving & Roofing Materials
2951	Asphalt paving mixtures & blocks
2952	Asphalt felts & coatings
2990	Miscellaneous Products Of Petroleum & Coal
2992	Lubricating oils & greases
2999	Petroleum & coal products, not elsewhere classified
3011	Tires & inner tubes
3021	Rubber & plastics footwear
3050	Gaskets, Packing & Sealing Devices & Rubber & Plastics Hose
3052	Rubber & plastics hose & belting
3053	Gaskets, packing & sealing devices
3060	Fabricated Rubber Products, Nec
3061	Mechanical rubber goods
3069	Fabricated rubber products, not elsewhere classified
3080	Miscellaneous Plastics Products
3081	Unsupported plastics film & sheet
3082	Unsupported plastics profile shapes
3083	Laminated plastics plate & sheet
3084	Plastics pipe
3085	Plastics bottles
3086	Plastics foam products
3087	Custom compound purchased resins
3088	Plastics plumbing fixtures
3089	Plastics products, not elsewhere classified
3100	Leather & Leather Products
3111	Leather tanning & finishing
3131	Footwear cut stock
3140	Footwear, (No Rubber)
3142	House slippers
3143	Men's footwear, except athletic
3144	Women's footwear, except athletic
3149	Footwear, except rubber, not elsewhere classified
3151	Leather gloves & mittens
3161	Luggage
3171	Women's handbags & purses

3172	Personal leather goods, not elsewhere classified
3199	Leather goods, not elsewhere classified
3211	Flat glass
3220	Glass & Glassware, Pressed Or Blown
3221	Glass containers
3229	Pressed & blown glass, not elsewhere classified
3231	Products of purchased glass
3241	Cement, hydraulic
3250	Structural Clay Products
3251	Brick & structural clay tile
3253	Ceramic wall & floor tile
3255	Clay refractories
3259	Structural clay products, not elsewhere classified
3260	Pottery & Related Products
3261	Vitreous plumbing fixtures
3262	Vitreous china table & kitchenware
3263	Semivitreous table & kitchenware
3264	Porcelain electrical supplies
3269	Pottery products, not elsewhere classified
3270	Concrete, Gypsum & Plaster Products
3271	Concrete block & brick
3272	Concrete products, not elsewhere classified
3273	Ready-mixed concrete
3274	Lime
3275	Gypsum products
3281	Cut stone & stone products
3290	Abrasive, Asbestos & Misc Nonmetallic Mineral Prods
3291	Abrasive products
3292	Asbestos products
3295	Minerals, ground or treated
3296	Mineral wool
3297	Nonclay refractories
3299	Nonmetallic mineral products, not elsewhere classified
3310	Steel Works, Blast Furnaces & Rolling & Finishing Mills
3312	Blast furnaces & steel mills
3313	Electrometallurgical products
3315	Steel wire & related products
3316	Cold finishing of steel shapes
3317	Steel pipe & tubes
3320	Iron & Steel Foundries
3321	Gray & ductile iron foundries

3322	Malleable iron foundries
3324	Steel investment foundries
3325	Steel foundries, not elsewhere classified
3330	Primary Smelting & Refining Of Nonferrous Metals
3331	Primary copper
3334	Primary aluminum
3339	Primary nonferrous metals, not elsewhere classified
3341	Secondary nonferrous metals
3350	Rolling Drawing & Extruding Of Nonferrous Metals
3351	Copper rolling & drawing
3353	Aluminum sheet, plate, & foil
3354	Aluminum extruded products
3355	Aluminum rolling & drawing, not elsewhere classified
3356	Nonferrous rolling & drawing, not elsewhere classified
3357	Nonferrous wiredrawing & insulating
3360	Nonferrous Foundries (Castings)
3363	Aluminum die-castings
3364	Nonferrous die-casting except aluminum
3365	Aluminum foundries
3366	Copper foundries
3369	Nonferrous foundries, not elsewhere classified
3390	Miscellaneous Primary Metal Products
3398	Metal heat treating
3399	Primary metal products, not elsewhere classified
3411	Metal cans
3412	Metal barrels, drums, & pails
3420	Cutlery, Handtools & General Hardware
3421	Cutlery
3423	Hand & edge tools, not elsewhere classified
3425	Saw blades & handsaws
3429	Hardware, not elsewhere classified
3430	Hearing Equip, Except Elec & Warm Air; & Plumbing Fixtures
3431	Metal sanitary ware
3432	Plumbing fixture fittings & trim
3433	Heating equipment, except electric
3440	Fabricated Structural Metal Products
3441	Fabricated structural metal
3442	Metal doors, sash, & trim
3443	Fabricated plate work (boiler shops)
3444	Sheet metalwork
3446	Architectural metal work

3448	Prefabricated metal buildings
3449	Miscellaneous metal work
3451	Screw machine products
3452	Bolts, nuts, rivets, & washers
3460	Metal Forgings & Stampings
3462	Iron & steel forgings
3463	Nonferrous forgings
3465	Automotive stampings
3466	Crowns & closures
3469	Metal stampings, not elsewhere classified
3470	Coating, Engraving & Allied Services
3471	Plating & polishing
3479	Metal coating & allied services
3480	Ordnance & Accessories, (No Vehicles/Guided Missiles)
3482	Small arms ammunition
3483	Ammunition, except for small arms, not elsewhere classified
3484	Small arms
3489	Ordnance & accessories, not elsewhere classified
3490	Miscellaneous Fabricated Metal Products
3491	Industrial valves
3492	Fluid power valves & hose fittings
3493	Steel springs, except wire
3494	Valves & pipe fittings, not elsewhere classified
3495	Wire springs
3496	Miscellaneous fabricated wire products
3497	Metal foil & leaf
3498	Fabricated pipe & fittings
3499	Fabricated metal products, not elsewhere classified
3510	Engines & Turbines
3511	Turbines & turbine generator sets
3519	Internal combustion engines, not elsewhere classified
3523	Farm machinery & equipment
3524	Lawn & garden equipment
3530	Construction, Mining & Materials Handling Machinery & Equip
3531	Construction machinery
3532	Mining machinery
3533	Oil & gas field machinery
3534	Elevators & moving stairways
3535	Conveyors & conveying equipment
3536	Hoists, cranes, & monorails
3537	Industrial trucks & tractors

3540	Metalworking Machinery & Equipment
3541	Machine tools, metal cutting types
3542	Machine tools, metal forming types
3543	Industrial patterns
3544	Special dies, tools, jigs & fixtures
3545	Machine tool accessories
3546	Power-driven handtools
3547	Rolling mill machinery
3548	Welding apparatus
3549	Metalworking machinery, not elsewhere classified
3550	Special Industry Machinery (No Metalworking Machinery)
3552	Textile machinery
3553	Woodworking machinery
3554	Paper industries machinery
3555	Printing trades machinery
3556	Food products machinery
3559	Special industry machinery, not elsewhere classified
3560	General Industrial Machinery & Equipment
3561	Pumps & pumping equipment
3562	Ball & roller bearings
3563	Air & gas compressors
3564	Blowers & fans
3565	Packaging machinery
3566	Speed changers, drives, & gears
3567	Industrial furnaces & ovens
3568	Power transmission equipment, not elsewhere classified
3569	General industrial machinery, not elsewhere classified
3570	Computer & Office Equipment
3571	Electronic computers
3572	Computer storage devices
3575	Computer terminals
3576	Computer Communications Equipment
3577	Computer peripheral equipment, not elsewhere classified
3578	Calculating & accounting equipment
3579	Office machines, not elsewhere classified
3580	Refrigeration & Service Industry Machinery
3581	Automatic vending machines
3582	Commercial laundry equipment
3585	Refrigeration & heating equipment
3586	Measuring & dispensing pumps
3589	Service industry machinery, not elsewhere classified

3590	Misc Industrial & Commercial Machinery & Equipment
3592	Carburetors, pistons, rings, valves
3593	Fluid power cylinders & actuators
3594	Fluid power pumps & motors
3596	Scales & balances, except laboratory
3599	Industrial machinery, not elsewhere classified
3600	Electronic & Other Electrical Equipment (No Computer Equip)
3612	Transformers, except electronic
3613	Switchgear & switchboard apparatus
3620	Electrical Industrial Apparatus
3621	Motors & generators
3624	Carbon & graphite products
3625	Relays & industrial controls
3629	Electrical industrial apparatus, not elsewhere classified
3630	Household Appliances
3631	Household cooking equipment
3632	Household refrigerators & freezers
3633	Household laundry equipment
3634	Electric housewares & fans
3635	Household vacuum cleaners
3639	Household appliances, not elsewhere classified
3640	Electric Lighting & Wiring Equipment
3641	Electric lamps
3643	Current-carrying wiring devices
3644	Noncurrent-carrying wiring devices
3645	Residential lighting fixtures
3646	Commercial lighting fixtures
3647	Vehicular lighting equipment
3648	Lighting equipment, not elsewhere classified
3651	Household audio & video equipment
3652	Prerecorded records & tapes
3661	Telephone & telegraph apparatus
3663	Radio & TV communications equipment
3669	Communications equipment, not elsewhere classified
3670	Electronic Components & Accessories
3671	Electron tubes
3672	Printed circuit boards
3674	Semiconductors & related devices
3675	Electronic capacitors
3676	Electronic resistors
3677	Electronic coils & transformers

3678	Electronic connectors
3679	Electronic components, not elsewhere classified
3690	Miscellaneous Electrical Machinery, Equipment & Supplies
3691	Storage batteries
3692	Primary batteries, dry & wet
3694	Engine electrical equipment
3695	Magnetic & optical recording media
3699	Electrical equipment & supplies, not elsewhere classified
3711	Motor vehicles & car bodies
3713	Truck & bus bodies
3714	Motor vehicle parts & accessories
3715	Truck trailers
3716	Motor homes
3720	Aircraft & Parts
3721	Aircraft
3724	Aircraft engines & engine parts
3728	Aircraft parts & equipment, not elsewhere classified
3730	Ship & Boat Building & Repairing
3731	Ship building & repairing
3732	Boat building & repairing
3743	Railroad equipment
3751	Motorcycles, bicycles, & parts
3760	Guided Missiles & Space Vehicles & Parts
3761	Guided missiles & space vehicles
3764	Space propulsion units & parts
3769	Space vehicle equipment, not elsewhere classified
3790	Miscellaneous Transportation Equipment
3792	Travel trailers & campers
3795	Tanks & tank components
3799	Transportation equipment, not elsewhere classified
3812	Search & navigation equipment
3821	Laboratory apparatus & furniture
3822	Environmental controls
3823	Process control instruments
3824	Fluid meters & counting devices
3825	Instruments to measure electricity
3826	Analytical instruments
3827	Optical instruments & lenses
3829	Measuring & controlling devices, not elsewhere classified
3841	Surgical & medical instruments
3842	Surgical appliances & supplies

3843	Dental equipment & supplies
3844	X-ray apparatus & tubes
3845	Electromedical equipment
3851	Ophthalmic goods
3861	Photographic equipment & supplies
3873	Watches, clocks, watchcases & parts
3910	Jewelry, Silverware & Plated Ware
3911	Jewelry, precious metal
3914	Silverware & plated ware
3915	Jewelers' materials & lapidary work
3931	Musical instruments
3942	Dolls & stuffed toys
3944	Games, toys, & children's vehicles
3949	Sporting & athletic goods, not elsewhere classified
3950	Pens, Pencils & Other Artists' Materials
3951	Pens & mechanical pencils
3952	Lead pencils & art goods
3953	Marking devices
3955	Carbon paper & inked ribbons
3960	Costume Jewelry & Novelties
3961	Costume jewelry
3965	Fasteners, buttons, needles, & pins
3990	Miscellaneous Manufacturing Industries
3991	Brooms & brushes
3993	Signs & advertising specialties
3995	Burial caskets
3996	Hard surface floor coverings, not elsewhere classified
3999	Manufacturing industries, not elsewhere classified
4011	Railroads, line-haul operating
4013	Switching & terminal services
4100	Local & Suburban Transit & Interurban Hwy Passenger Trans
4111	Local & suburban transit
4119	Local passenger transportation, not elsewhere classified
4121	Taxicabs
4131	Intercity & rural bus transportation
4141	Local bus charter service
4142	Bus charter service, except local
4151	School buses
4173	Bus terminal & service facilities
4210	Trucking & Courier Services (No Air)
4212	Local trucking, without storage

4213	Trucking, except local
4214	Local trucking with storage
4215	Courier services, except by air
4220	Public Warehousing & Storage
4221	Farm product warehousing & storage
4222	Refrigerated warehousing & storage
4225	General warehousing & storage
4226	Special warehousing & storage, not elsewhere classified
4231	Trucking terminal facilities
4311	U.S. Postal Service
4400	Water Transportation
4412	Deep sea foreign transportation of freight
4424	Deep sea domestic transportation of freight
4432	Freight transportation on the Great Lakes
4449	Water transportation of freight, not elsewhere classified
4481	Deep sea passenger transportation, except ferry
4482	Ferries
4489	Water passenger transportation, not elsewhere classified
4491	Marine cargo handling
4492	Towing & tugboat service
4493	Marinas
4499	Water transportation services, not elsewhere classified
4512	Air transportation, scheduled
4513	Air courier services
4522	Air transportation, nonscheduled
4581	Airports, flying fields, & services
4610	Pipe Lines (No Natural Gas)
4612	Crude petroleum pipelines
4613	Refined petroleum pipelines
4619	Pipelines, not elsewhere classified
4700	Transportation Services
4724	Travel agencies
4725	Tour operators
4729	Passenger transport arrangement, not elsewhere classified
4731	Freight transportation arrangement
4741	Rental of railroad cars
4783	Packing & crating
4785	Inspection & fixed facilities
4789	Transportation services, not elsewhere classified
4812	Radiotelephone communications
4813	Telephone communications, except radio

4822	Telegraph & other communications
4832	Radio broadcasting stations
4833	Television broadcasting stations
4841	Cable & other pay TV services
4899	Communication services, not elsewhere classified
4900	Electric, Gas & Sanitary Services
4911	Electric services
4922	Natural gas transmission
4923	Gas transmission & distribution
4924	Natural gas distribution
4925	Gas production and/or distribution
4931	Electric & other services combined
4932	Gas & other services combined
4939	Combination utilities, not elsewhere classified
4941	Water supply
4950	Sanitary Services
4952	Sewerage systems
4953	Refuse systems
4955	Hazardous Waste Management
4959	Sanitary services, not elsewhere classified
4961	Steam & air-conditioning supply
4971	Irrigation systems
4991	Cogeneration Services & Small Power Producers
5000	Wholesale-Durable Goods
5010	Wholesale-Motor Vehicles & Motor Vehicle Parts & Supplies
5012	Automobiles & other motor vehicles
5013	Motor vehicle supplies & new parts
5014	Tires & tubes
5015	Motor vehicle parts, used
5020	Wholesale-Furniture & Home Furnishings
5021	Furniture
5023	Homefurnishings
5030	Wholesale-Lumber & Other Construction Materials
5031	Lumber, plywood, & millwork
5032	Brick, stone, & related materials
5033	Roofing, siding, & insulation
5039	Construction materials, not elsewhere classified
5040	Wholesale-Professional & Commercial Equipment & Supplies
5043	Photographic equipment & supplies
5044	Office equipment
5045	Computers, peripherals & software

5046	Commercial equipment, not elsewhere classified
5047	Medical & hospital equipment
5048	Ophthalmic goods
5049	Professional equipment, not elsewhere classified
5050	Wholesale-Metals & Minerals (No Petroleum)
5051	Metals service centers & offices
5052	Coal & other minerals & ores
5063	Electrical apparatus & equipment
5064	Electrical appliances, TV & radios
5065	Electronic parts & equipment
5070	Wholesale-Hardware & Plumbing & Heating Equipment & Supplies
5072	Hardware
5074	Plumbing & hydronic heating supplies
5075	Warm air heating & air-conditioning
5078	Refrigeration equipment & supplies
5080	Wholesale-Machinery, Equipment & Supplies
5082	Construction & mining machinery
5083	Farm & garden machinery
5084	Industrial machinery & equipment
5085	Industrial supplies
5087	Service establishment equipment
5088	Transportation equipment & supplies
5090	Wholesale-Misc Durable Goods
5091	Sporting & recreational goods
5092	Toys & hobby goods & supplies
5093	Scrap & waste materials
5094	Jewelry & precious stones
5099	Durable goods, not elsewhere classified
5110	Wholesale-Paper & Paper Products
5111	Printing & writing paper
5112	Stationery & office supplies
5113	Industrial & personal service paper
5122	Drugs, proprietaries, & sundries
5130	Wholesale-Apparel, Piece Goods & Notions
5131	Piece goods & notions
5136	Men's & boys' clothing
5137	Women's & children's clothing
5139	Footwear
5140	Wholesale-Groceries & Related Products
5141	Groceries, general line
5142	Packaged frozen foods

5143	Dairy products, except dried or canned
5144	Poultry & poultry products
5145	Confectionery
5146	Fish & seafoods
5147	Meats & meat products
5148	Fresh fruits & vegetables
5149	Groceries & related products, not elsewhere classified
5150	Wholesale-Farm Product Raw Materials
5153	Grain & field beans
5154	Livestock
5159	Farm-product raw materials, not elsewhere classified
5160	Wholesale-Chemicals & Allied Products
5162	Plastics materials & basic shapes
5169	Chemicals & allied products, not elsewhere classified
5171	Petroleum bulk stations & terminals
5172	Petroleum products, not elsewhere classified
5180	Wholesale-Beer, Wine & Distilled Alcoholic Beverages
5181	Beer & ale
5182	Wine & distilled beverages
5190	Wholesale-Miscellaneous Nondurable Goods
5191	Farm supplies
5192	Books, periodicals, & newspapers
5193	Flowers & florists' supplies
5194	Tobacco & tobacco products
5198	Paints, varnishes, & supplies
5199	Nondurable goods, not elsewhere classified
5200	Retail-Building Materials, Hardware, Garden Supply
5211	Lumber & other building materials
5231	Paint, glass, & wallpaper stores
5251	Hardware stores
5261	Retail nurseries & garden stores
5271	Mobile home dealers
5311	Department stores
5331	Variety stores
5399	Miscellaneous general merchandise stores
5400	Retail-Food Stores
5411	Grocery stores
5412	Retail-Convenience Stores
5421	Meat & fish markets
5431	Fruit & vegetable markets
5441	Candy, nut, & confectionery stores

5451	Dairy products stores
5461	Retail bakeries
5499	Miscellaneous food stores
5500	Retail-Auto Dealers & Gasoline Stations
5511	New & used car dealers
5521	Used car dealers
5531	Auto & home supply stores
5541	Gasoline service stations
5551	Boat dealers
5561	Recreational vehicle dealers
5571	Motorcycle dealers
5599	Automotive dealers, not elsewhere classified
5600	Retail-Apparel & Accessory Stores
5611	Men's & boys' clothing stores
5621	Women's clothing stores
5632	Women's accessory & specialty stores
5641	Children's & infants' wear stores
5651	Family clothing stores
5661	Shoe stores
5699	Miscellaneous apparel & accessory stores
5700	Retail-Home Furniture, Furnishings & Equipment Stores
5712	Furniture stores
5713	Floor covering stores
5714	Drapery & upholstery stores
5719	Miscellaneous homefurnishings stores
5722	Household appliance stores
5731	Radio, TV, & electronic stores
5734	Computer & software stores
5735	Record & prerecorded tape stores
5736	Musical instrument stores
5810	Retail-Eating & Drinking Places
5812	Eating places
5813	Drinking places
5900	Retail-Miscellaneous Retail
5912	Drug stores & proprietary stores
5921	Liquor stores
5932	Used merchandise stores
5940	Retail-Miscellaneous Shopping Goods Stores
5941	Sporting goods & bicycle shops
5942	Book stores
5943	Stationery stores

5944	Jewelry stores
5945	Hobby, toy, & game shops
5946	Camera & photographic supply stores
5947	Gift, novelty, & souvenir shops
5948	Luggage & leather goods stores
5949	Sewing, needlework, & piece goods
5960	Retail-Nonstore Retailers
5961	Catalog & mail-order houses
5962	Merchandising machine operators
5963	Direct selling establishments
5983	Fuel oil dealers
5984	Liquefied petroleum gas dealers
5989	Fuel dealers, not elsewhere classified
5990	Retail-Retail Stores, Nec
5992	Florists
5993	Tobacco stores & stands
5994	News dealers & newsstands
5995	Optical goods stores
5999	Miscellaneous retail stores, not elsewhere classified
6011	Federal reserve banks
6019	Central reserve depository, not elsewhere classified
6021	National commercial banks
6022	State commercial banks
6029	Commercial banks, not elsewhere classified
6035	Federal savings institutions
6036	Savings institutions, except federal
6061	Federal credit unions
6062	State credit unions
6081	Foreign bank & branches & agencies
6082	Foreign trade & international banks
6091	Nondeposit trust facilities
6099	Functions related to deposit banking
6111	Federal & federally-sponsored credit
6141	Personal credit institutions
6153	Short-term business credit
6159	Miscellaneous business credit institutions
6162	Mortgage bankers & correspondents
6163	Loan brokers
6172	Finance Lessors
6189	Asset-Backed Securities
6199	Finance Services

6200	Security & Commodity Brokers, Dealers, Exchanges & Services
6211	Security brokers & dealers
6221	Commodity contracts brokers, dealers
6231	Security & commodity exchanges
6282	Investment advice
6289	Security & commodity services, not elsewhere classified
6311	Life insurance
6321	Accident & health insurance
6324	Hospital & medical service plans
6331	Fire, marine, & casualty insurance
6351	Surety insurance
6361	Title insurance
6371	Pension, health, & welfare funds
6399	Insurance carriers, not elsewhere classified
6411	Insurance agents, brokers, & service
6500	Real Estate
6510	Real Estate Operators (No Developers) & Lessors
6512	Nonresidential building operators
6513	Apartment building operators
6514	Dwelling operators, except apartments
6515	Mobile home site operators
6517	Railroad property lessors
6519	Real property lessors, not elsewhere classified
6531	Real estate agents & managers
6532	Real Estate Dealers (For Their Own Account)
6541	Title abstract offices
6552	Subdividers & developers, not elsewhere classified
6553	Cemetery subdividers & developers
6712	Bank holding companies
6719	Holding companies, not elsewhere classified
6722	Management investment, open-end
6726	Management investment offices closed-end
6732	Educational, religious, etc. trusts
6733	Trusts, not elsewhere classified
6770	Blank Checks
6792	Oil royalty traders
6794	Patent owners & lessors
6795	Mineral Royalty Traders
6798	Real estate investment trusts
6799	Investors, not elsewhere classified
700	Agricultural Services

7000	Hotels, Rooming Houses, Camps & Other Lodging Places
7011	Hotels & motels
7021	Rooming & boarding houses
7032	Sporting & recreational camps
7033	Trailer parks & campsites
7041	Membership-basis organization hotels
711	Soil preparation services
7200	Services-Personal Services
721	Crop planting & protecting
7211	Power laundries, family & commercial
7212	Garment pressing & cleaners' agents
7213	Linen supply
7215	Coin-operated laundries & cleaning
7216	Drycleaning plants, except rug
7217	Carpet & upholstery cleaning
7218	Industrial launderers
7219	Laundry & garment services, not elsewhere classified
722	Crop harvesting
7221	Photographic studios, portrait
723	Crop preparation services for market
7231	Beauty shops
724	Cotton ginning
7241	Barber shops
7251	Shoe repair & shoeshine parlors
7261	Funeral service & crematories
7291	Tax return preparation services
7299	Miscellaneous personal services, not elsewhere classified
7310	Services-Advertising
7311	Advertising agencies
7312	Outdoor advertising services
7313	Radio, TV, publisher representatives
7319	Advertising, not elsewhere classified
7320	Services-Consumer Credit Reporting, Collection Agencies
7322	Adjustment & collection services
7323	Credit reporting services
7330	Services-Mailing, Reproduction, Commercial Art & Photography
7331	Direct mail advertising services
7334	Photocopying & duplicating services
7335	Commercial photography
7336	Commercial art & graphic design
7338	Secretarial & court reporting

7340	Services-To Dwellings & Other Buildings
7342	Disinfecting & pest control services
7349	Building maintenance services, not elsewhere classified
7350	Services-Miscellaneous Equipment Rental & Leasing
7352	Medical equipment rental
7353	Heavy construction equipment rental
7359	Equipment rental & leasing, not elsewhere classified
7361	Employment agencies
7363	Help supply services
7370	Services-Computer Programming, Data Processing, Etc.
7371	Computer programming services
7372	Prepackaged software
7373	Computer integrated systems design
7374	Data processing & preparation
7375	Information retrieval services
7376	Computer facilities management
7377	Computer rental & leasing
7378	Computer maintenance & repair
7379	Computer related services, not elsewhere classified
7380	Services-Miscellaneous Business Services
7381	Detective & armored car services
7382	Security systems services
7383	News syndicates
7384	Photofinishing laboratories
7385	Services-Telephone Interconnect Systems
7389	Business services, not elsewhere classified
741	Veterinary services for livestock
742	Veterinary services, specialties
7500	Services-Automotive Repair, Services & Parking
751	Livestock services, except veterinary
7510	Services-Auto Rental & Leasing (No Drivers)
7513	Truck rental & leasing, no drivers
7514	Passenger car rental
7515	Passenger car leasing
7519	Utility trailer rental
752	Animal specialty services
7521	Automobile parking
7532	Top & body repair & paint shops
7533	Auto exhaust system repair shops
7534	Tire retreading & repair shops
7536	Automotive glass replacement shops

7537	Automotive transmission repair shops
7538	General automotive repair shops
7539	Automotive repair shops, not elsewhere classified
7542	Carwashes
7549	Automotive services, not elsewhere classified
7600	Services-Miscellaneous Repair Services
761	Farm labor contractors
762	Farm management services
7622	Radio & television repair
7623	Refrigeration service & repair
7629	Electrical repair shops, not elsewhere classified
7631	Watch, clock, & jewelry repair
7641	Reupholstery & furniture repair
7692	Welding repair
7694	Armature rewinding shops
7699	Repair services, not elsewhere classified
781	Landscape counseling & planning
7812	Motion picture & video production
7819	Services allied to motion pictures
782	Lawn & garden services
7822	Motion picture & tape distribution
7829	Motion picture distribution services
783	Ornamental shrub & tree services
7830	Services-Motion Picture Theaters
7832	Motion picture theaters, ex drive-in
7833	Drive-in motion picture theaters
7841	Video tape rental
7900	Services-Amusement & Recreation Services
7911	Dance studios, schools, & halls
7922	Theatrical producers & services
7929	Entertainers & entertainment groups
7933	Bowling centers
7941	Sports clubs, managers, & promoters
7948	Racing, including track operation
7990	Services-Miscellaneous Amusement & Recreation
7991	Physical fitness facilities
7992	Public golf courses
7993	Coin-operated amusement devices
7996	Amusement parks
7997	Membership sports & recreation clubs
7999	Amusement & recreation, not elsewhere classified

800	Forestry
8000	Services-Health Services
8011	Offices & clinics of medical doctors
8021	Offices & clinics of dentists
8031	Offices of osteopathic physicians
8041	Offices & clinics of chiropractors
8042	Offices & clinics of optometrists
8043	Offices & clinics of podiatrists
8049	Offices of health practitioners, not elsewhere classified
8050	Services-Nursing & Personal Care Facilities
8051	Skilled nursing care facilities
8052	Intermediate care facilities
8059	Nursing & personal care, not elsewhere classified
8060	Services-Hospitals
8062	General medical & surgical hospitals
8063	Psychiatric hospitals
8069	Specialty hospitals except psychiatric
8071	Medical laboratories
8072	Dental laboratories
8082	Home health care services
8090	Services-Misc Health & Allied Services, Nec
8092	Kidney dialysis centers
8093	Specialty outpatient clinics, not elsewhere classified
8099	Health & allied services, not elsewhere classified
811	Timber tracts
8111	Legal services
8200	Services-Educational Services
8211	Elementary & secondary schools
8221	Colleges & universities
8222	Junior colleges
8231	Libraries
8243	Data processing schools
8244	Business & secretarial schools
8249	Vocational schools, not elsewhere classified
8299	Schools & educational services, not elsewhere classified
8300	Services-Social Services
831	Forest products
8322	Individual & family services
8331	Job training & related services
8351	Child day care services
8361	Residential care

8399	Social services, not elsewhere classified
8412	Museums & art galleries
8422	Botanical & zoological gardens
851	Forestry services
8600	Services-Membership Organizations
8611	Business associations
8621	Professional organizations
8631	Labor organizations
8641	Civic & social associations
8651	Political organizations
8661	Religious organizations
8699	Membership organizations, not elsewhere classified
8700	Services-Engineering, Accounting, Research, Management
8711	Engineering services
8712	Architectural services
8713	Surveying services
8721	Accounting, auditing, & bookkeeping
8731	Commercial physical research
8732	Commercial nonphysical research
8733	Noncommercial research organizations
8734	Testing laboratories
8741	Management services
8742	Management consulting services
8743	Public relations services
8744	Facilities support services
8748	Business consulting, not elsewhere classified
8811	Private households
8880	American Depositary Receipts
8888	Foreign Governments
8900	Services-Services, Nec
8999	Services, not elsewhere classified
900	Fishing, Hunting And Trapping
9111	Executive offices
912	Finfish
9121	Legislative bodies
913	Shellfish
9131	Executive & legislative combined
919	Miscellaneous marine products
9199	General government, not elsewhere classified
921	Fish hatcheries & preserves
9211	Courts

9221	Police protection
9222	Legal counsel & prosecution
9223	Correctional institutions
9224	Fire protection
9229	Public order & safety, not elsewhere classified
9311	Finance, taxation, & monetary policy
9411	Administration of educational programs
9431	Administration of public health programs
9441	Administration of social & manpower programs
9451	Administration of veterans' affairs
9511	Air, water, & solid waste management
9512	Land, mineral, wildlife conservation
9531	Housing programs
9532	Urban & community development
9611	Administration of general economic programs
9621	Regulation, administration of transportation
9631	Regulation, administration of utilities
9641	Regulation of agricultural marketing
9651	Regulation of miscellaneous commercial sectors
9661	Space research & technology
971	Hunting, trapping, game propagation
9711	National security
9721	International affairs
9995	Non-Operating Establishments
9999	Nonclassifiable establishments

SIDE Type of Option

Identifies if an option is a call or put option.

SINKIND Sink Indicator

The security carries a sinking fund as part of its terms and conditions.

SPOM Spot Month Price

Accessible only at the commodity level, is the most recent Settlement Price of the commodity’s futures contract that is nearest to its Last Trading Day, regardless of whether that contract’s delivery month is the current calendar month.

SPOTADAT Spot Rate Date

Date of spot rates from WM/Reuters

SPOTASK Spot Rate - Ask

WM spot ask rate. Defaults to London close. Use with CUR: prefix.

SPOTBID Spot Rate - Bid

WM spot bid rate. Defaults to London close. Use with CUR: prefix.

SPOTMID Spot Rate - Mid

WM spot mid rate. Defaults to London close. Use with CUR: prefix.

SPRD Spread Over Base Rate

The percentage above (or below) the relevant benchmark interest rate at which the interest margin was originally set. “0” (zero) indicates flat rate (no margin).

SPRDMKtxt Spread Qualification Marker

The Spread Qualification Marker, available for non-U.S./non-Canadian fixed income securities, indicates whether the current margin is above (+) or below (-) the interbank or money-market rate.

Code	Description
+	Current margin is above the interbank or money-market rate
-	Current margin is below the interbank or money-market rate

SRET Simple Monthly Holding Period Return

SRET = (CPRICE2 - PPRICE1) / PPRICE1

PPRICE1 = previous month-end price
CPRICE2 = current month-end price

SRVC Original Servicing Rate

Available for fixed-rate pools only, is the rate charged by the servicer for servicing mortgage-backed securities.

SSCDtxt Mandatory Sinking Fund Schedule

SSCDtxt is a record item which returns the following fields

Field Description	Description	Code table notes
1. Mandatory Sinking Fund Date	The date by which a given amount of the bond issue must be redeemed by the issuer. If regular amounts of sinking fund/drawings are made annually or semi-annually, then this item shows the first (or next) date on which sinking fund/drawings can be made.	Not applicable
2. Mandatory Sinking Fund Price	The price, shown as a percentage of Nominal Value, specified in the bond documents, at which the issuer must redeem the bond	Not applicable
3. Mandatory Sinking Fund Amount	The amount, expressed as a percentage or value in thousands, which will be redeemed	Not applicable
4. Mandatory SF Amount Code / Text	Indicates how the Mandatory Sinking Fund Amount is given.	See code table below

Mandatory SF Amount Code / Text

Code	Description
P	Percentage
S	Value in thousands
T	Value in ten thousands

U	Value in one hundred thousands
Z	New situation

STATtxt State of Incorporation

The State or Province of Incorporation is the U.S. Postal Service official abbreviation, the Canada Post provincial and territorial postal abbreviation, or CUSIP Service Bureau abbreviation for municipals, for the state or possession in which an issuer was incorporated (as stated in the prospectus or official statement).

Code	Description
AA	Armed Forces America
AB	Alberta
AE	Armed Forces: Africa, Canada, Europe, Middle East
AK	Alaska
AL	Alabama
AP	Armed Forces Pacific
AR	Arkansas
AS	American Samoa
AZ	Arizona
BC	British Columbia
CA	California
CM	Northern Mariana Islands
CO	Colorado
CT	Connecticut
DC	District of Columbia
DE	Delaware
FL	Florida
GA	Georgia
GU	Guam
HI	Hawaii
IA	Iowa
ID	Idaho
IL	Illinois
IN	Indiana
KS	Kansas
KY	Kentucky
LA	Louisiana
MA	Massachusetts
MB	Manitoba
MD	Maryland
ME	Maine
MH	Marshall Islands

MI	Michigan
MN	Minnesota
MO	Missouri
MP	Northern Mariana Islands
MS	Mississippi
MT	Montana
NA	!NA
NB	New Brunswick
NC	North Carolina
ND	North Dakota
NE	Nebraska
NH	New Hampshire
NI	Northern Mariana Islands (issued by CUSIP Service Bureau)
NJ	New Jersey
NL	Newfoundland & Labrador
NM	New Mexico
NS	Nova Scotia
NT	Northwest Territory
NU	Nunavut Territory
NV	Nevada
NY	New York
OH	Ohio
OK	Oklahoma
ON	Ontario
OR	Oregon
PA	Pennsylvania
PE	Prince Edward Island
PR	Puerto Rico
PW	Palau
QC	Quebec
RI	Rhode Island
SC	South Carolina
SD	South Dakota
SK	Saskatchewan
TN	Tennessee
TT	Trust Territories
TX	Texas
US	United States
UT	Utah
VA	Virginia
VI	Virgin Islands

VS	Various States
VT	Vermont
WA	Washington
WI	Wisconsin
WV	West Virginia
WY	Wyoming
YT	Yukon
1	Alabama
2	Arizona
3	Arkansas
4	California
5	Colorado
6	Connecticut
7	Delaware
8	District of Columbia
9	Florida
1	Alabama
10	Georgia
11	Idaho
12	Illinois
13	Indiana
14	Iowa
15	Kansas
16	Kentucky
17	Louisiana
18	Maine
19	Maryland
2	Arizona
20	Massachusetts
21	Michigan
22	Minnesota
23	Mississippi
24	Missouri
25	Montana
26	Nebraska
27	Nevada
28	New Hampshire
29	New Jersey
3	Arkansas
30	New Mexico
31	New York

32	North Carolina
33	North Dakota
34	Ohio
35	Oklahoma
36	Oregon
37	Pennsylvania
38	Rhode Island
39	South Carolina
4	California
40	South Dakota
41	Tennessee
42	Texas
43	Utah
44	Vermont
45	Virginia
46	Washington
47	West Virginia
48	Wisconsin
49	Wyoming
5	Colorado
50	Alaska
51	Hawaii
52	Puerto Rico
53	Virgin Islands
54	Guam
55	American Samoa
56	Marianna Islands
57	United States
6	Connecticut
7	Delaware
8	District of Columbia
9	Florida

STKFRAINDtxt Strike Price in Fraction Indicator

Indicates the EXPR (Exercise (Strike) Price) is defined by the exchange as a fraction or decimal.
Note: Only populated for issues listed on CME markets.

Code	Description
0	1/8
1	1/32
10	1/256

11	Increments of 25
12	Increments of .0025
13	Increments of .0025
14	Increments of .00125
15	Increments of .025
16	Increments of .25
17	Increments of .000025
18	Price is a 4 digit decimal value where the decimal fraction represents 32nds
2	Half 32nds
3	Quarter 32nds
4	1/64
5	Half 64ths
6	1/2
7	1/4
8	1/16
9	1/128

STPAYRtxt Stepped Payment Schedule Record

STPAYRtxt is a record item which returns the following fields

Field Description	Description	Code table notes
Descrip.	For municipal bonds this field identifies the type of conversion to occur. Otherwise it indicates whether the Stepped Payment value is represented as an annualized percentage rate (P) or as an annualized amount in cash value (A).	See code table below
Rate	For municipal bonds this field identifies the coupon rate change. Otherwise it's the annual percentage rate or cash payment amount.	Not applicable
Date	For municipal bonds this is date of the conversion otherwise its the date from which the accrual of interest or the dividend payments changes for a security.	Not applicable

Descrip.

The following codes are applicable when ASSET does not equal D (Municipal Bond)

Code	Description
A	Annualized Amount in cash
P	Annualized percentage rate

The following codes are applicable when ASSET equals D (Municipal Bond)

Code	Description

B	Coupon Rate and Tax Status Change
C	Coupon Rate Change:
I	Initial coupon rate
P	Optional Coupon Rate and Tax Status Change
Q	Optional Coupon Rate Change
R	Coupon Rate and Security Type Change
S	Security Type Change
T	Tax Status Change

STSCD Stepped Coupon Schedule

STSCD is a record item which returns the following fields

Field Description	Description	Code table notes
Coupon	For municipal bonds this field identifies the coupon rate change. Otherwise it's the annual percentage rate or cash payment amount.	Not applicable
Date	For municipal bonds this is date of the conversion otherwise its the date from which the accrual of interest or the dividend payments changes for a security.	Not applicable

STYPE Settlement Type

Returns the type of settlement for exchange trade derivatives.

STYPtxt Security Type

Indicates the type of security or asset categorization at a very granular level.

STYP has overlapping codes for different asset types. Therefore you need to retrieve ASSET (Generic Asset Category) along with STYP.

The following codes are applicable when ASSET does not equal B (MBS)

Code	Description
00	Undetermined security type
01	Non-security/unsupported
2	Collateralized mortgage obligation
02	Rights
3	Asset-backed security
08	Equity with all share ownership restricted to domestic residents
09	Equity where some shares are restricted to ownership by domestic residents
10	Equity
11	Non-voting equity (Obsolete)
12	``Pari passu'' equity with less voting power than other class(es) (Obsolete)
13	``Pari passu'' equity with more voting power than other class(es) (Obsolete)

14	Equity ranking for dividend after other class(es)
15	Equity ranking for dividend at later date, or convertible to ranking
16	Fixed dividend equity
17	Waterworks (ordinary) (Obsolete)
18	Equity ranking for capital (only or predominantly)
19	Equity ranking for dividend (only or predominantly)
20	Participating non-cumulative
21	Participating cumulative
22	Non-participating, non-cumulative (Obsolete as of 9/91)
23	Participating convertible non-cumulative
24	Participating convertible cumulative
31	Cumulative preference
32	Convertible cumulative preference
33	Waterworks (preference) (Obsolete)
34	Non-cumulative preference
35	Convertible non-cumulative preference
41	Unsecured loan stock
42	Secured/guaranteed, debenture
43	Redeemable debenture
44	Irredeemable/perpetual/undated loan stock or debenture
45	Convertible unsecured loan stock
46	Convertible debenture
48	Subordinated/junior loan stock or debenture
49	Permanent interest bearer security
50	Traded call option
51	Call; warrant, traditional or OTC option
52	Participation certificate (Obsolete as of 9/91.)
53	Unit of entitlement (Obsolete as of 9/91.)
54	Composite unit (two or more classes of share/loan capital)
55	Traded put option
56	Fractional certificate (Obsolete as of 9/91.)
57	Funding certificate (Obsolete as of 9/91.)
58	Financial Future
59	Annuity
60	Obsolete - Unit Trust/Mutual Fund (Income Unit)
61	Obsolete - Unit Trust/Mutual Fund (Accumulation Unit)
62	Drawn bonds (Obsolete as of 9/91.)
63	Multiple line (Obsolete as of 9/91.)
64	Coupon giving right to shares (Obsolete as of 9/91.)

65	Obsolete - Insurance and property bond (Income Unit)
66	Obsolete - Insurance and property bond (Accumulation Unit)
67	Obsolete - Offshore and Overseas Fund (Income Unit)
68	Obsolete - Offshore and Overseas Fund (Accumulation Unit)
80	British government stocks
81	British government-guaranteed stocks
82	U.K. county and corporation stocks
83	U.K. public board
84	Commonwealth government
85	Commonwealth corporation stocks
86	Non-U.K. government, state, etc., stocks and bonds
87	Non-U.K. corporation
88	International authority stocks
89	Treasury bill
90	Convertible British government stock
91	Convertible British government-guaranteed stock
92	Convertible U.K. county or corporation stock
93	Convertible U.K. public board
94	Convertible Commonwealth government
95	Convertible Commonwealth corporation stock
96	Convertible non-U.K. government stock or bond
97	Convertible non-U.K. corporation
98	Convertible international authority stock
4A	Certificate of deposit
4B	Equity linked note (ELN)
4C	Commercial Paper (CP)
4D	Other Money Market Instrument
4E	Reverse Convertible Security
5A	Put option/warrants
5B	Call FLEX option
5C	Put FLEX option
5D	Call; Covered Warrant, traditional or OTC option
5E	Put; Covered Warrant, traditional or OTC option
5F	Structured/Hybrid Product
5G	Depository Receipt
5H	Exchange Traded Contract for Difference
6A	Obsolete - Broker Fund (Income Unit)
6B	Obsolete - Broker Fund (Accumulation Unit)
6C	Open-ended Fund

6D	Closed-ended Fund
6E	Other Funds
8A	Commonwealth local authority or provincial
8B	Non-U.K. local authority or provincial
9A	Convertible Commonwealth local authority or provincial
9B	Convertible non-U.K. local authority or provincial
A	American Depository Receipt (ADR) or Global Depository Receipts (GDR)
AC	American Depository Receipt (ADR) or Global Depository Receipts (GDR), Convertible
AD	American Depository Receipt (ADR) or Global Depository Receipts (GDR), Dollar issue
AX	American Depository Receipt (ADR) or Global Depository Receipts (GDR), Market Auction or Remarked Preferred
AY	American Depository Receipt (ADR) or Global Depository Receipts (GDR), Preferred
B	Debt issue
B1	Debt issue, principal and interest inflation protected
B3	Debt issue, Index-linked security
BC	Debt issue, Convertible
BD	Debt issue, Dollar issue
BE	Debt issue, Options on currencies
BF	Debt issue, Foreign basis
BG	Debt issue, Issued in foreign currency
BK	Debt issue, Exchangeable
BL	Debt issue, Extendable
BM	Debt issue, Variable
BN	Debt issue, Adjustable
BP	Debt issue, Floating rate
BQ	Debt issue, Zero coupon
BR	Debt issue, Registered
BS	Debt issue, Amortizing issue
BY	Debt issue, Mortgage-backed TBA or generic coupon CUSIP
BZ	Debt issue, Discount issue
C	Common
C1	Commodity
CC	Common, Convertible
CD	Common, Dollar issue
CF	Common, Foreign basis
CG	Common, Issued in foreign currency
CK	Common, Exchangeable
CN	Common, Adjustable
CW	Common, When issued, or when distributed

D	Commodity
DY	Futures contract
F	Mutual fund, unit investment trust, closed end fund
FF	Mutual fund, unit investment trust, foreign
FV	Mutual fund, unit investment trust, money market mutual fund
I	Real estate investment trust
I1	Interest rate
IS	Real estate investment trust, shares beneficial interest
IU	Real Estate Investment Trust, Units (REIT)
M	Money market rate
MB	Municipal Bond
MM	Money Markets
N1	Index
O	Option
OB	Option, interest rates
OE	Option, currencies
OH	Option, stock indices
OJ	Option, commodity contracts
P	Preferred
P3	Preferred Stock, Index-Linked security
PC	Preferred, Convertible
PD	Preferred, Dollar issue
PF	Preferred, Foreign
PG	Preferred, Issued in foreign currency
PK	Preferred, Exchangeable
PM	Preferred, Variable
PN	Preferred, Adjustable
PP	Preferred, Floating rate
PV	Preferred, Money market mutual fund
PW	Preferred, When issued, or when distributed
PX	Preferred, Market auction or remarketed preferred
PY	Preferred, discount issue
Q	Special stock
QC	Special stock, Convertible
R	Right
RC	Right, Convertible
S	Shares of beneficial interest or certificate of beneficial interest
S2	Shares of beneficial interest or CBI, Exchange-Traded Fund (ETF)
S5	Shares of beneficial interest or CBI, Exchange Traded Managed Funds

SC	Shares of beneficial interest or certificate of beneficial interest, Convertible
SG	Shares of beneficial interest or certificate of beneficial interest, Issued in foreign currency
SK	Shares of beneficial interest or certificate of beneficial interest, Exchangeable
T	Certificate
TK	Certificate, Exchangeable
TN	Certificate, Adjustable
U	Unit (equity issue)
U2	Unit (equity issue), Exchange-Traded Fund (ETF)
UC	Unit (equity issue), Convertible
UK	Unit (equity issue), Exchangeable
UN	Unit (equity issue), Adjustable
UP	Unit (equity issue), Floating rate
UX	Unit (equity issue), Market Auction or Remarketed Preferred
W	Warrant
W3	Warrant, Index linked security
WC	Warrant, Convertible
WK	Warrant, Exchangeable
WN	Warrant, Adjustable
X	Index
X1	Currency
X2	Forward rate
X3	Deposit rate
	Other

The following codes are applicable when ASSET equals B (MBS)

Code	Description
A	GNMA I Program
B	GNMA II Program, Multiple Issuers
C	GNMA II Program, Custom Issuer
D	GNMA Serial Note Lot or Unit
E	FNMA (not including strips)
G	FNMA Strip Program
H	FHLMC (not including strips)
J	GNMA I Strip
K	GNMA II Strip
L	FHLMC Strip
R	GNMA II HECM pool
S	SBA

SUPItxt Supplementary Information Record

SUPI provides details of the issue's provisions that cannot be adequately expressed in the schedule. The details are conveyed by a two-letter code in the Supplementary Info field. Some of the codes are returned with a date, an amount, or a percentage figure. Together the data provide such information as alternative ways for satisfying the sinking fund, the method of determining the fund amount when it is not a fixed dollar figure, other call provisions, etc.

SUPItxt is a record item which returns the following fields

Field Description	Code table notes
Supplementary Info.	See code table below
Date	Not applicable
Amt./Percent	Not applicable

Supplementary Info.

Code	Description
A	Callable
A A	Callable; Restricted from being called for refunding until after a certain date.
A I	Callable; Company may satisfy future mandatory sinking fund requirements by crediting bonds retired in other ways or through additional payments.
A M	Callable; Callable under special conditions, such as in the event of condemnation, theft, or particular financial conditions.
A N	Callable; Excess earnings may be used to increase size of fund amount indicated in the schedule for one or more payments.
A V	Callable; Information in schedule is minimal, due to complex provisions.
B	Mandatory sinking fund
B B	Mandatory sinking fund; Pro rata sinking fund provision.
B C	Mandatory sinking fund; Bonds from another series can be called to satisfy the sinking fund requirement.
B E	Mandatory sinking fund; Fund amount calculated on basis of debt outstanding. Each installment is equal to a percent of outstanding debt of issue on a particular date.
B F	Mandatory sinking fund; Amount to be retired is calculated each year as a percentage of the issue's current debt outstanding.
B G	Mandatory sinking fund; Amount to be retired calculated each year as percentage of total current debt outstanding of the whole series to which the issue belongs.
B I	Mandatory sinking fund; Company may satisfy future mandatory sinking fund requirements by crediting bonds retired in other ways or through additional payments.
B M	Mandatory sinking fund; Callable under special conditions, such as in the event of condemnation, theft, or particular financial conditions.
B N	Mandatory sinking fund; Excess earnings may be used to increase size of the fund amount indicated in the schedule for one or more payments.
B P	Mandatory sinking fund; Regular payments of the fund may be satisfied by taking credit for property additions.
C E	Optional sinking fund; Fund amount calculated on basis of debt outstanding. Each installment is equal to a percent of outstanding debt of issue on a particular date.
C F	Optional sinking fund; Amount to be retired is calculated each year as a percentage of the issue's current debt outstanding.
C G	Optional sinking fund; Amount to be retired is calculated each year as a percentage of total current debt outstanding.
C I	Optional sinking fund; May satisfy future mandatory sinking fund requirements by crediting bonds retired in other ways or through additional payments.
C J	Optional sinking fund; May satisfy future mandatory sinking fund requirements by crediting bonds retired in other ways or through additional payments. Bonds or payments must be applied beginning with last year of schedule.

C M	Optional sinking fund; Callable under special conditions, such as in the event of condemnation, theft, or particular financial conditions.
D	Purchase fund
E	Convertible
F E	Other features; Fund amount calculated on basis of debt outstanding. Each installment is equal to a percent of outstanding debt of issue on a particular date.
F M	Other features; Callable under special conditions, such as in the event of condemnation, theft, or particular financial conditions.
F S	Other features; The issue is not callable.
F T	Other features; Issue offers an early maturity option (a put option). Issue may be sold back to the company by the holder on a particular date.

SVAL Number of Underlying Shares in the ADR/GDR Deposit Agreement

Returns the number of share(s) represented in the deposit agreement.

SYMBOL RTS Market Center plus RTS Ticker

A concatenation with no space of the RTS/Plusfeed Market Center and RTS Ticker.

TAXFtxt Tax Status: Federal

The Tax Status: Federal indicates certain federal income tax consequences that may apply to U.S. holders.

Code	Description
A	Alternative minimum tax applies
Y	Taxable; payments normally subject to US Federal tax
N	Non-taxable; payments normally exempt from US Federal tax
Z	Other
	Data not available

TAXSTtxt Tax Status: State

The Tax Status: State indicates if a municipal bond is subject to state taxation within the home state of the issuer.

Code	Description
N	Non-taxable: payments normally exempt from home state tax liability
U	No indication in the official statement
Y	Taxable: payments normally subject to tax liability in the home state

TEFD TRACE Event Effective Date

Available for corporate bonds, and CDs, specifies the date on which the **TRACE Event Flag** will go, or has gone, into effect.

TENOR Curve Tenor List

A record item which returns a list of tenors or units of time to maturity such as 3M (3month), 1Y (1 year), 30Y (30 Year) applicable to the curve queried. This item only accepts the curve identifier prefixed with CV: without the tenor suffix. Applies only to evaluation curves

TENOR is a record item which returns the following fields.

Field Description	Description	Code table notes
Tenor	Time to maturity	Not applicable

TENORADAT Tenor Date

Date of TENOR. Applies only to evaluation curves

TERM MBS Term

Identifies the length of time associated with the life of the instrument. For fixed-rate (excluding balloon/reset mortgages), adjustable-rate, and Initial Interest mortgages this is the number of scheduled monthly payments of the mortgage between the first payment date and the maturity date of the mortgage. For fixed-rate balloon/reset mortgages, this is the number of scheduled monthly payments of the mortgage, based on the note rate, P&I amount, and original UPB of the mortgage.

TEVFtxt TRACE Event Flag

The TRACE Event Flag, available for corporate bonds, and CDs, specifies the event announced by FINRA pertaining to TRACE eligibility, as of the TEFD (TRACE Event Effective Date).

Code	Description
A	Security added as TRACE-eligible
D	Security deleted as TRACE-eligible
O	Some change other than a TRACE addition or deletion has been announced by NASD to be effective on the TRACE Event Effective Date. This change may or may not result in a change to the TRACE Flag on the TRACE Event Effective Date.

TENDAGNTtxt Tender Agent

Note: We do not recommend the use of TENDAGNT because the codes it returns could change, be deleted, or added to without notice. Please use TENDAGNTtxt instead and treat it as a free text field.

TFRQtxt Tender Frequency

Describes the interval between tenders.

Code	Description
2	Every 2 years
3	Every 3 years
4	Every 4 years
5	Every 5 years
7	Every 7 years
8	Every 8 years
A	Annually
B	Biweekly
C	Changeable
D	Daily
E	Term Mode
F	Interest At Maturity

G	Bimonthly
I	Irregular
J	Every 28 Days
K	Every 35 Days
M	Monthly
P	Tied to Prime
Q	Quarterly
R	One Time
S	Semiannually
T	Every 10 years
U	Frequency to be determined
V	When Interest Adjusts
W	Weekly
X	Mandatory Put
Z	When Interest Adjusts - Commercial Paper

TIC1 NYSE or Non-Dual Regional Ticker Space Delimited

The NYSE, NYSE MKT, or U.S. Regional Exchange Ticker is a U.S./Canadian security's most recent ticker symbol.

TIC2 NASDAQ Ticker

The NASDAQ or Over-the-Counter Ticker is the most recent NASDAQ or over-the-counter ticker symbol for a U.S./Canadian equity security that trades on the NASDAQ Stock Market, LLC, or overthe-counter.

TIC3 Canadian Ticker Space Delimited

The Canadian Exchange Ticker is a U.S./Canadian equity security's most recent ticker symbol.

TIC4 Non-U.S./Non-Canadian Ticker

The Non-U.S./Non-Canadian Ticker, available for non-U.S./non-Canadian equities, is the most recent ticker symbol for an equity listed outside the U.S. and Canada.

TIC6 NYSE or Non-Dual Regional Ticker Period Delimited

The NYSE, NYSE MKT, or U.S. Regional Exchange Period-Delimited Ticker is a U.S./Canadian equity security's most recent ticker symbol.

TIC8 Canadian Ticker Period Delimited

The Canadian Exchange Period-Delimited Ticker is a U.S./Canadian equity security's most recent ticker symbol.

TICK Ticker Symbol

The Primary Exchange Ticker Symbol denotes the primary ticker assigned by a security's primary exchange.

TICKSIZEVAR Variable Tick Size

Space delimited text field holding variable tick size in ascending order. Applies to derivates

TICSTAT2txt NASDAQ Status

The NASDAQ or Over-the-Counter Status Code indicates that the **NASDAQ or Over-the-Counter Ticker** is currently active (**A**) or inactive (**I**). A security is considered inactive if it is either delisted or suspended from the associated exchange.

Code	Description
A	Active
I	Inactive

TICSTAT3txt Canadian Status

The Canadian Status Code indicates that the **Canadian Ticker** is currently active (**A**) or inactive (**I**). A security is considered inactive if it is either delisted or suspended from the associated exchange.

Code	Description
A	Active
I	Inactive

TKXT Ticker Extension

A suffix of up to four characters with trailing spaces to the **Primary Exchange Ticker Symbol** describing the security.

TPRC Close/Composite Trade Price

The exchange listed Trade/Close

TPRCADAT Close/Composite Trade Price Amendment

Date of the price returned by TPRC

TPRCCOQtxt Composite Trade Price Country of Quotation

Country of Quotation of the price returned by TPRC
See Appendix A: Country Codes

TPRCCURR Close/Composite Trade Price Currency

Currency description like United States Dollar of the price returned by TPRC

TPRCEUR Close/Composite Trade Price in EUR

The price returned by TPRC converted to Euros using the London close spot mid-rate for the date of the trade/close.

TPRCEX2 2nd Exch Close Price

Returns the trade/close from the secondary exchange for dually listed German and Indian securities.

TPRCEX2ADAT 2nd Exch Close Price Amendment Date

Date of the trade/close returned by TPRCEX2.

TPRCEX2COQtxt 2nd Exch Close Price Country of Quotation

Country of Quotation of the price returned by TPRCEX2
See Appendix A: Country Codes

TPRCEX2CURR 2nd Exch Close Price Currency
Currency description like United States Dollar of the price returned by TPRCEX2

TPRCEX2EUR 2nd Exch Close Price in EUR
The price returned by TPRCEX2 converted to Euros using the London close spot mid-rate for the date of the trade/close.

TPRCEX2EXCHtxt 2nd Exch Close Price Exchange
The exchange or source of the price returned by TPRCEX2

See Appendix B: Universal Pricing Exchange codes

TPRCEX2GBP 2nd Exch Close Price in GBP
The price returned by TPRCEX2 converted to British Pounds using the London close spot mid-rate for the date of the trade/close.

TPRCEX2ISO 2nd Exch Close Price Currency Code
ISO Currency code of the price returned by TPRCEX2

TPRCEX2USD 2nd Exch Close Price in USD
The price returned by TPRCEX2 converted to US Dollar using the London close spot mid-rate for the date of the trade/close.

TPRCEXCHtxt Composite Trade Price Exchange
The exchange or source of the price returned by TPRC
See Appendix B: Universal Pricing Exchange codes

TPRCGBP Close/Composite Trade Price in GBP
The price returned by TPRC converted to British Pounds using the London close spot mid-rate for the date of the trade/close.

TPRCISO Close/Composite Trade Price Currency Code
ISO Currency code of the price returned by TPRC

TPRCUSD Close/Composite Trade Price in USD
The price returned by TPRC converted to US Dollar using the London close spot mid-rate for the date of the trade/close.

TRANCHE Tranche Number
Identifies the order in which the bond class appears in the prospectus.

TRANSFERtxt Transfer Agent
Note: We do not recommend the use of TRANSFER because the codes it returns could change, be deleted, or added to without notice. Please use TRANSFERtxt instead and treat it as a free text field.

TRCEtxt TRACE Eligibility Flag
The TRACE Eligibility Flag identifies whether a bond's secondary market trades must be reported via the TRACE® system or whether the trades must be reported via TRACE and prices disseminated via BTDS. Please reference the TEVF (TRACE Event Flag) in combination with the TEFD (TRACE Event Effective

Date) to determine whether or not the value of Trace Eligibility Flag is in effect as of the day the security is being traded.

Code	Description
D	Trades must be reported to TRACE; prices disseminated through BTDS.
F	TRACE-Eligible as interpreted by FINRA Rule 6710
L	Trades must be reported to TRACE; prices disseminated through BTDS, but subject to delay per NASD Rules 6250(a) and (b).
N	Trades must be reported to TRACE; prices will not be disseminated through BTDS.
X	This issue was once TRACE-reportable but is no longer.

TRDStxt Trading Status

The Trading Status identifies the current trading status of a security.

TRDS has overlapping codes for different asset types. Therefore you need to retrieve ASSET (Generic Asset Category) along with TRDS.

The following codes are applicable when ASSET equals I (N.A. Option)

Code	Description
0	No special status applies
1	Reduced because of stock split
2	Reduced because of stock dividend
3	Reduced because of stock distribution
4	Increased because of reverse stock split
5	Reduced because of rights/warrants offering
6	Reduced for other reasons
7	Increased for other reasons
8	Contract has been adjusted, strike price is unchanged

The following codes are applicable when ASSET does not equal I (N.A. Option)

Code	Description
	No special status
N	Not trading ex-dividend
W	Trading when issued
Y	Trading ex-dividend
0	Regular
1	Trading flat
2	Ex-interest
3	Ex-warrant
4	Variable interest
5	Ex-stock
6	Strike price reduced for other reason
7	Strike price increased for other reason
8	Contract has been adjusted, exercise price is unchanged

TRDFRAIND Trades in Fractions Indicator

Indicates if the exchange traded derivative trades in fractions.

TRDU Premium/Strike Multiplier

The premium/strike multiplier for option prices, normally 100, for North American options.

TRET Total Monthly Holding Period Return

TRET = [CPRICE2 - (PPRICE1 + DIV)] / PPRICE1

PPRICE1 = previous month-end price
CPRICE2 = current month-end price
DIV = cash dividend whose ex-date occurs between the two pricing dates.

TRETW Total Weekly Holding Period Return

TRET = [CPRICE2 - (PPRICE1 + DIV)] / PPRICE1

PPRICE1 = previous week-end price
CPRICE2 = current week-end price
DIV = cash dividend whose ex-date occurs between the two pricing dates.

TRIN Tranche Interest Payment

Returns the interest portion paid to tranche holders on the most recent payment date, per the input date.

TRPR Tranche Principal Payment

Returns the principal portion paid to tranche holders on the most recent payment date, per the input date.

TRUSTEEtxt Trustee

Note: We do not recommend the use of TRUSTEE because the codes it returns could change, be deleted, or added to without notice. Please use TRUSTEEtxt instead and treat it as a free text field.

TTIC Bond Ticker

A ticker symbol associated with TRACE eligible bonds. In most cases, the Bond Ticker is the same as the equity ticker. For preferred stocks issued under bond CUSIPs, this represents the Other OTC ticker.

TYP1txt Issue Type Primary

TYP1 defines the issue type of the security. The TYP1 item should be used in conjunction with TYP2 (Collateral for Issue), and TYPM (Issue Type Secondary) to give a more complete definition.

Code	Description
A	American Depository Receipt (ADR) or Global Depository Receipt (GDR)
B	Debt issue
C	Common
E	Currency rate
M	Money market rate
O	Option
P	Preferred
Q	Special stock

R	Right
S	Shares of beneficial interest or CBI
T	Certificate
U	Unit (equity issue)
W	Warrant
X	Index
Z	Other situation
	Other, or unknown

TYP2txt Collateral for Issue

TYP2 defines the issue type of the security. TYP2 when used in conjunction with TYP1 (Issue Type Primary) and TYPM (Issue Type Secondary), gives a more complete definition of the issue type.

TYP2 has overlapping codes for different asset types. Therefore you need to retrieve ASSET (Generic Asset Category) along with TYP2.

The following codes are applicable when ASSET does not equal K (Non US/Canadian Equity) or D (Municipal Bond)

Code	Description
A	Stripped Issues
B	Bill
C	Certificate of deposit
D	Debenture
E	Equipment trust
F	Investment fund (closed end)
G	Mutual fund
H	U.S. savings bonds and notes
I	REIT
J	Income
K	Private placement
L	Loan certificate
M	Mortgage
N	Note
O	Merchant marine, U.S. guaranty bonds
P	Commercial paper
Q	Municipal general obligation
R	Municipal revenue issue
S	Subordinated debenture
T	Collateral trust
U	Unit
V	Call option

W	Put option
X	Other
Y	Mortgage-backed passthrough
Z	Medium term note
1	Unit investment trust
2	Collateralized mortgage obligation
3	Asset-backed security
4	Debt or debt-backed
5	Preferred Stock with 'Bond' CUSIP
CB	Secured by a charge on a bond
CL	Secured by letter of comfort
CP	Secured by collateral pledge
DE	Secured by deposit
FA	Secured by funding agreement
GB	Guaranteed by bank
GO	Any other guarantor
GP	Guaranteed by parent company
GR	Guaranteed by region, province or city
GS	Guaranteed by state
IP	Guaranteed by a financial guarantee insurance policy
IM	Secured by an indemnity
KA	Benefit of a keepwell agreement
LC	Secured by a letter of credit
LS	Secured by a letter of support
MG	Secured by mortgage
NP	Secured by negative pledge
RP	Secured by an assignment of rents payable under a lease
SB	Subordinated
SP	Secured by a statutory preferential right
TA	Secured by throughput agreement
UN	Secured by an undertaking
ZZ	New situation
99	Leveraged Loan

The following codes are applicable when ASSET equals K (Non US/Canadian Equity)

Code	Description
A	VVPR Strips (Belgium)
B	Optimized Portfolio as Listed Securities (OPALS)
C	Thai NVDR

D	Exchange traded fund (ETF)
E	REIT
F	Chinese Red Chip Company
G	Chinese Red Chip Company / REIT
H	Real Estate Investment Trust (REIT)/Exchange Traded Fund (ETF
I	Exchange Traded Note (ETN)
J	Exchange Traded Vehicle (ETV)
K	Venture Capital Trust (VCT)

The following codes are applicable when ASSET equals D (Municipal Bond)

Code	Description
A	Special Assessment
B	PILOT
C	Cigarette Tax
D	Double-barreled
E	Lease - Rent
F	Fuel/Vehicle Tax
G	Unlimited General Obligation
H	Hotel Tax
L	Limited General Obligation
M	Miscellaneous Taxes
O	Other
P	Personal Income Tax
R	Revenue
S	Sales/Excise Tax
T	Tax allocation/increment
U	U.S. Government Backed
V	State Appropriated Tobacco
W	Non-Appropriated Tobacco

TYPEtxt Payment Type One

The Payment Type One describes the nature or type of the future-most dividend or interest payment. For non-U.S./non-Canadian securities, the code is returned for floating rate notes (FRNs) only.

Code	Description
0	No special code applies
000	No special code applies
001	Less Canadian taxes presently undetermined (revision later)
1	Less Canadian taxes presently undetermined (revision later)
002	Less foreign taxes other than Canadian
2	Less foreign taxes other than Canadian

003	Includes extra, special, participating dividends, arrears, and liquidations
3	Includes extra, special, participating dividends, arrears, and liquidations
004	Optional dividends
4	Optional dividends
005	U.S. withholding income tax not required from non-residents
5	U.S. withholding income tax not required from non-residents
006	Initial cash dividends payable on increased shares after stock dividend or splits
6	Initial cash dividends payable on increased shares after stock dividend or splits
007	Includes security profits and capital gains
7	Includes security profits and capital gains
008	Dividend rate presently unknown (revision later)
8	Dividend rate presently unknown (revision later)
009	Foreign currency other than Canadian
9	Foreign currency other than Canadian
010	Stock dividends
10	Stock dividends
011	Stock splits
11	Stock splits
012	Issues called
12	Issues called
013	Stock rights
13	Stock rights
015	Canadian funds subject to 15% non-resident tax
15	Canadian funds subject to 15% non-resident tax
016	Canadian funds subject to 10% non-resident tax
16	Canadian funds subject to 10% non-resident tax
017	U.S. funds subject to 15% Canadian non-resident tax
17	U.S. funds subject to 15% Canadian non-resident tax
018	U.S. funds subject to 10% Canadian non-resident tax
18	U.S. funds subject to 10% Canadian non-resident tax
019	Approximate dividend rate
19	Approximate dividend rate
020	Stock dividend in stock of another issue or company
20	Stock dividend in stock of another issue or company
021	Stock dividend on increased shares
21	Stock dividend on increased shares
022	Stock split on increased shares
22	Stock split on increased shares
023	Initial Canadian dividend on increased shares after stock dividend or split less 15% tax
23	Initial Canadian dividend on increased shares after stock dividend or split less 15% tax

024	Initial Canadian dividend on increased shares after stock dividend or split less 10% tax
24	Initial Canadian dividend on increased shares after stock dividend or split less 10% tax
25	Stock dividend in more than two issues
030	Payment omitted
30	Payment omitted
032	Reverse split
32	Reverse split
40	Principal dividend - UIT
050	Special principal UIT
50	Special principal UIT
51	Special interest - UIT
700	Payable in U.S. dollars
708	Rate unknown
712	Issue called
727	First payment
728	Canadian funds
729	U.S. funds subject to Canadian withholding tax
F	Fix (mismatch)
P	Announced Payment
Z	New situation

TYPMtxt Issue Type Secondary

TYPM defines the issue type of the security. TYPM, when used with TYP1 (Issue Type Primary) and TYP2 (Collateral for Issue) gives a more complete definition of the security issue type.

TYPM has overlapping codes for different asset types. Therefore you need to retrieve ASSET (Generic Asset Category) along with TYPM.

The following codes are applicable when ASSET equals J (Non US/Canadian Fixed Income)

Code	Description
A	Graduated or variable rate issues
B	Straight bonds
C	Convertible bonds
D	Convertible bonds with variable interest rate
E	Equity stocks
F	Floating rate notes
G	Convertible bond with warrants
H	Convertible at issuer's option
I	Variable rate with warrants attached
J	Undated variable rate bonds
K	Schatzenweisungen (Treasury Bonds)

L	Undated fixed-rate bonds
M	Undated convertible bond
N	Undated convertible variable rate bond
O	Undated floating rate note
P	Undated bond, convertible at issuers option
Q	Accreting bonds
R	Index-linked
T	Zero-coupon
S	Issues with subscription rights
W	Issues with warrants attached
Z	New situation

The following codes are applicable when ASSET does not equal J (Non US/Canadian Fixed Income)

Code	Description
	Other
A	Option on debt issue
B	Option on interest rate
C	Convertible
D	Dollar issue
E	Option on currency
F	Foreign basis
G	Issued in foreign currency
H	Option on stock index
J	Option on commodity contract
K	Exchangeable
L	Extendable
M	Variable
N	Adjustable
P	Floating rate
Q	Zero coupon
R	Registered
S	Amortizing issue
T	Money multiplier/capital appreciation
V	Money market mutual fund
W	When issued, or when distributed
X	Market auction or remarketed preferred
Y	ADR Preferred
Z	Discount issue
1	Principal and interest inflation protected

2	Exchange traded fund (ETF)
3	Maturity value linked to the performance of an instrument or indicator

UAASK Unadjusted Asked Price
The price returned by the item ASK unadjusted for corporate actions such as splits.

UAASK4 4pm/Institutional Unadjusted Asked Price
The price returned by the item ASK4 unadjusted for corporate actions such as splits.

UAASKADAT Unadjusted Asked Price Amendment Date
Date of the price returned by UAASK

UAASK4ADAT 4pm/Institutional Unadjusted Asked Price Amendment Date
Date of the price returned by UAASK4

UAASKCOQtxt Unadjusted Asked Price Country of Quotation
Country of Quotation of the price returned by UAASK
See Appendix A: Country Codes

UAASK4COQtxt 4pm/Institutional Unadjusted Asked Price Country of Quotation
Country of Quotation of the price returned by UAASK4
See Appendix A: Country Codes

UAASKCURR Unadjusted Asked Price Currency
Currency description like United States Dollar of the price returned by UAASK

UAASK4CURR 4pm/Institutional Unadjusted Asked Price Currency
Currency description like United States Dollar of the price returned by UAASK4

UAASKEUR Unadjusted Asked Price in EUR
The price returned by UAASK converted to Euros using the London close spot mid-rate for the date of the unadjusted ask.

UAASKEX2 2nd Exch Unadjusted Asked Price
Returns the unadjusted ask from the secondary exchange for dually listed German and Indian securities.

UAASKEXCHtxt Unadjusted Asked Price Exchange
The exchange or source of the price returned by UAASK
See Appendix B: Universal Pricing Exchange codes

UAASK4EXCHtxt 4pm/Institutional Unadjusted Asked Price Exchange
The exchange or source of the price returned by UAASK4
See Appendix B: Universal Pricing Exchange codes

UAASKGBP Unadjusted Asked Price in GBP
The price returned by UAASKEX2 converted to British Pounds using the London close spot mid-rate for the date of the unadjusted ask.

UAASKISO Unadjusted Asked Price Currency Code
Date of the unadjusted ask returned by UAASK.

UAASK4ISO 4pm/Institutional Unadjusted Asked Price Currency Code
Date of the unadjusted ask returned by UAASK4.

UAASKUSD Unadjusted Asked Price in USD
The price returned by UAASK converted to US Dollar using the London close spot mid-rate for the date of the unadjusted ask.

UABID Unadjusted Bid Price
The price returned by the item BID unadjusted for corporate actions such as splits.

UABID4 4pm/Institutional Unadjusted Bid Price
The price returned by the item BID4 unadjusted for corporate actions such as splits.

UABIDADAT Unadjusted Bid Price Amendment Date
Date of the price returned by UABID

UABID4ADAT 4pm/Institutional Unadjusted Bid Price Amendment Date
Date of the price returned by UABID4

UABIDCOQtxt Unadjusted Bid Price Country of Quotation
Currency description like United States Dollar of the price returned by UABID
See Appendix A: Country Codes

UABID4COQtxt 4pm/Institutional Unadjusted Bid Price Country of Quotation
Currency description like United States Dollar of the price returned by UABID4
See Appendix A: Country Codes

UABIDCURR Unadjusted Bid Price Currency
Currency description like United States Dollar of the price returned by UABID

UABID4CURR 4pm/Institutional Unadjusted Bid Price Currency
Currency description like United States Dollar of the price returned by UABID4

UABIDEXCHtxt Unadjusted Bid Price Exchange
The exchange or source of the price returned by UABID
See Appendix B: Universal Pricing Exchange codes

UABID4EXCHtxt 4pm/Institutional Unadjusted Bid Price Exchange
The exchange or source of the price returned by UABID4
See Appendix B: Universal Pricing Exchange codes

UABIDEUR Unadjusted Bid Price in EUR
The price returned by UABID converted to Euros using the London close spot mid-rate for the date of the unadjusted ask.

UABIDEX2 2nd Exch Unadjusted Bid Price
Returns the unadjusted bid from the secondary exchange for dually listed German and Indian securities.

UABIDGBP Unadjusted Bid Price in GBP
The price returned by UABID converted to British Pounds using the London close spot mid-rate for the date of the unadjusted ask.

UABIDISO Unadjusted Bid Price Currency Code
ISO Currency code of the price returned by UABID

UABID4ISO 4pm/Institutional Unadjusted Bid Price Currency Code
ISO Currency code of the price returned by UABID4

UABIDUSD Unadjusted Bid Price in USD
The price returned by UABID converted to US Dollar using the London close spot mid-rate for the date of the unadjusted ask.

UAEPRC Unadjusted Primary Exchange Trade Price
The price returned by the item EPRC unadjusted for corporate actions such as splits.

UAEPRCADAT Unadjusted Primary Exchange Trade Price Amendment Date
Date of the price returned by UAEPRC

UAEPRCCOQtxt Unadjusted Primary Exchange Trade Price Country of Quotation
Country of Quotation of the price returned by UAEPRC
See Appendix A: Country Codes

UAEPRCCURR Unadjusted Primary Exchange Trade Price Currency
Currency description like United States Dollar of the price returned by UAEPRC

UAEPRCEXCHtxt Unadjusted Primary Exchange Trade Price Exchange
See Appendix B: Universal Pricing Exchange codes

UAEPRCISO Unadjusted Primary Exchange Trade Price Currency Code
ISO Currency code of the price returned by UAEPRC

UAHIGH Unadjusted High Price
The high price unadjusted for corporate actions such as splits.

UAHIGHADAT Unadjusted High Price Amendment Date
Date of the price returned by UAHIGH

UAHIGHCOQtxt Unadjusted High Price Country of Quotation
Country of Quotation of the price returned by UAHIGH
See Appendix A: Country Codes

UAHIGHCURR Unadjusted High Price Currency
Currency description like United States Dollar of the price returned by UAHIGH

UAHIGHEX2 2nd Exch Unadjusted High Price
Returns the unadjusted high from the secondary exchange for dually listed German and Indian securities.

UAHIGHEXCHtxt Unadjusted High Price Exchange
See Appendix B: Universal Pricing Exchange codes

UAHIGHISO Unadjusted High Price Currency Code
ISO Currency code of the price returned by UAHIGH

UALISTASK Unadjusted Listed Asked Price
The listed ask price unadjusted for corporate actions such as splits.

UALISTASKADAT Unadjusted Listed Asked Price Amendment Date
Date of the price returned by UALISTASK

UALISTASKCOQtxt Unadjusted Listed Ask Price Country of Quotation
Country of Quotation of the price returned by UALISTASK
See Appendix A: Country Codes

UALISTASKCURR Unadjusted Listed Asked Price Currency
Currency description like United States Dollar of the price returned by UALISTASK

UALISTASKEUR Unadjusted Listed Asked Price in EUR
The price returned by UALISTASK converted to Euros using the London close spot mid-rate for the date of the unadjusted ask.

UALISTASKEXCHtxt Unadjusted Listed Ask Price Exchange
The exchange or source of the price returned by UALISTASK
See Appendix B: Universal Pricing Exchange codes

UALISTASKGBP Unadjusted Listed Asked Price in GBP
The price returned by UALISTASK converted to British Pounds using the London close spot mid-rate for the date of the unadjusted ask.

UALISTASKISO Unadjusted Listed Asked Price Currency Code
ISO Currency code of the price returned by UALISTASK

UALISTASKUSD Unadjusted Listed Asked Price in USD
The price returned by UALISTASK converted to US Dollar using the London close spot mid-rate for the date of the unadjusted ask.

UALISTBID Unadjusted Listed Bid Price
The listed bid price unadjusted for corporate actions such as splits.

UALISTBIDADAT Unadjusted Listed Bid Price Amendment Date
Date of the price returned by UALISTBID

UALISTBIDCOQtxt Unadjusted Listed Bid Price Country of Quotation
Country of Quotation of the price returned by UALISTBID
See Appendix A: Country Codes

UALISTBIDCURR Unadjusted Listed Bid Price Currency
Currency description like United States Dollar of the price returned by UALISTBID

UALISTBIDEUR Unadjusted Listed Bid Price in EUR
The price returned by UALISTBID converted to Euros using the London close spot mid-rate for the date of the unadjusted bid.

UALISTBIDEXCHtxt Unadjusted Listed Bid Price Exchange
Returns the unadjusted bid from the secondary exchange for dually listed German and Indian securities.
See Appendix B: Universal Pricing Exchange codes

UALISTBIDGBP Unadjusted Listed Bid Price in GBP
The price returned by UALISTBIDEX2 converted to British Pounds using the London close spot mid-rate for the date of the unadjusted bid.

UALISTBIDISO Unadjusted Listed Bid Price Currency Code
ISO Currency code of the price returned by UALISTBIDEX2.

UALISTBIDUSD Unadjusted Listed Bid Price in USD
The price returned by UALISTBIDEX2 converted to US Dollar using the London close spot mid-rate for the date of the unadjusted bid.

UALOW Unadjusted Low Price
The low price unadjusted for corporate actions such as splits.

UALOWADAT Unadjusted Low Price Amendment Date
Date of the price returned by UALOW

UALOWCOQtxt Unadjusted Low Price Country of Quotation
Country of Quotation of the price returned by UALOW
See Appendix A: Country Codes

UALOWCURR Unadjusted Low Price Currency
Currency description like United States Dollar of the price returned by UALOW

UALOWEX2 2nd Exch Unadjusted Low Price
Returns the unadjusted low from the secondary exchange for dually listed German and Indian securities.

UALOWEXCHtxt Unadjusted Low Price Exchange
The exchange or source of the price returned by UALOW
See Appendix B: Universal Pricing Exchange codes

UALOWISO Unadjusted Low Price Currency Code
ISO Currency code of the price returned by UALOW

UAMID Unadjusted Mid Price
The mid price unadjusted for corporate actions such as splits.

UAMIDADAT Unadjusted Mid Price Amendment Date
Date of the price returned by UAMID

UAMIDCOQtxt Unadjusted Mid Price Country of Quotation
Country of Quotation of the price returned by UAMID
See Appendix A: Country Codes

UAMIDCURR Unadjusted Mid Price Currency
Currency description like United States Dollar of the price returned by UAMID

UAMIDEUR Unadjusted Mid Price in EUR
The price returned by UAMID converted to Euros using the London close spot mid-rate for the date of the unadjusted mid.

UAMIDEX2 2nd Exch Unadjusted Mid Price
Returns the unadjusted mid from the secondary exchange for dually listed German and Indian securities.

UAMIDEXCHtxt Unadjusted Mid Price Exchange
The exchange or source of the price returned by UAMID
See Appendix B: Universal Pricing Exchange codes

UAMIDGBP Unadjusted Mid Price in GBP
The price returned by UAMID converted to British Pounds using the London close spot mid-rate for the date of the unadjusted mid.

UAMIDISO Unadjusted Mid Price Currency Code
ISO Currency code of the price returned by UAMID

UAMIDUSD Unadjusted Mid Price in USD
The price returned by UAMID converted to US Dollar using the London close spot mid-rate for the date of the unadjusted mid.

UAOI Unadjusted Open Interest
Available for options, is the number of underlying units represented by the outstanding option contracts but without adjustment for capitalization changes.

UAOPEN Unadjusted Open Price
The open price unadjusted for corporate actions such as splits.

UAOPENADAT Unadjusted Open Price Amendment Date
Date of the price returned by UAOPEN

UAOPENCOQtxt Unadjusted Open Price Country of Quotation
Country of Quotation of the price returned by UAOPEN
See Appendix A: Country Codes

UAOPENCURR Unadjusted Open Price Currency
Currency description like United States Dollar of the price returned by UAOPEN

UAOPENEX2 2nd Exch Unadjusted Open Price
Returns the unadjusted open from the secondary exchange for dually listed German and Indian securities.

UAOPENEXCHtxtUnadjusted Open Price Exchange
The exchange or source of the price returned by UAOPEN
See Appendix B: Universal Pricing Exchange codes

UAOPENISO Unadjusted Open Price Currency Code
ISO Currency code of the price returned by UAOPEN

UAPRC Unadjusted Best Price/Evaluation
The price returned by the item PRC unadjusted for corporate actions such as splits.

UAPRC4 4pm/Institutional Unadjusted Best Price/Evaluation
The price returned by the item PRC4 unadjusted for corporate actions such as splits.

UAPRCADAT Unadjusted Best Price/Evaluation Amendment Date
Date of the price returned by UAPRC

UAPRC4ADAT 4pm/Institutional Unadjusted Best Price/Evaluation Amendment Date
Date of the price returned by UAPRC4

UAPRCCODE Unadjusted Best Price/Evaluation Code
The type of price returned by UAPRC
See Appendix H: itemNote

UAPRC4CODE 4pm/Institutional Unadjusted Best Price/Evaluation Code
The type of price returned by UAPRC4
See Appendix H: itemNote

UAPRCCOQtxt Unadjusted Best Price/Evaluation Country of Quotation
Country of Quotation of the price returned by UAPRC
See Appendix A: Country Codes

UAPRC4COQtxt 4pm/Institutional Unadjusted Best Price/Evaluation Country of Quotation
Country of Quotation of the price returned by UAPRC4

See Appendix A: Country Codes

UAPRCEX2COQtxt 2nd Exch Unadjusted Best Price/Evaluation Country of Quotation

Country of Quotation of the price returned by UAPRCEX2
See Appendix A: Country Codes

UAPRCCURR Unadjusted Best Price/Evaluation Currency

Currency description like United States Dollar of the price returned by UAPRC

UAPRC4CURR Unadjusted Best Price/Evaluation Currency

Currency description like United States Dollar of the price returned by UAPRC4

UAPRCEUR Unadjusted Best Price/Evaluation in EUR

The price returned by UAPRC converted to Euros using the London close spot mid-rate for the date of the unadjusted best price/evaluation.

UAPRC4EUR 4pm/Institutional Unadjusted Best Price/Evaluation in EUR

The price returned by UAPRC4 converted to Euros using the London close spot mid-rate for the date of the unadjusted best price/evaluation.

UAPRCEX2 2nd Exch Unadjusted Best Price/Evaluation

Returns the unadjusted best price/evaluation from the secondary exchange for dually listed German and Indian securities.

UAPRCEX2ADAT 2nd Exch Unadjusted Best Price/Evaluation Amendment Date

Date of the unadjusted best price/evaluation returned by UAPRCEX2.

UAPRCEX2CODE 2nd Exch Unadjusted Best Price/Evaluation Code

The type of price returned by UAPRCEX2
See Appendix H: itemNote

UAPRCEX2CURR 2nd Exch Unadjusted Best Price/Evaluation Currency

Currency description like United States Dollar of the price returned by UAPRCEX2

UAPRCEX2EUR 2nd Exch Unadjusted Best Price/Evaluation in EUR

The price returned by UAPRCEX2 converted to Euros using the London close spot mid-rate for the date of the unadjusted best price/evaluation.

UAPRCEX2EXCHtxt 2nd Exch Unadjusted Best Price/Evaluation Exchange

The exchange or source of the price returned by UAPRCEX2
See Appendix B: Universal Pricing Exchange codes

UAPRCEX2GBP 2nd Exch Unadjusted Best Price/Evaluation in GBP
The price returned by UAPRCEX2 converted to British Pounds using the London close spot mid-rate for the date of the unadjusted best price/evaluation.

UAPRCEX2ISO 2nd Exch Unadjusted Best Price/Evaluation Currency Code
ISO Currency code of the price returned by UAPRCEX2

UAPRCEX2NOTE 2nd Exch Unadjusted Best Price/Evaluation Note
The type of price returned by UAPRCEX2
See Appendix H: itemNote

UAPRCEX2USD 2nd Exch Unadjusted Best Price/Evaluation in USD
The price returned by UAPRCEX2 converted to US Dollar using the London close spot mid-rate for the date of the unadjusted best price/evaluation.

UAPRCEXCHtxt Unadjusted Best Price/Evaluation Exchange
The exchange or source of the price returned by UAPRC
See Appendix B: Universal Pricing Exchange codes

UAPRC4EXCHtxt 4pm/Institutional Unadjusted Best Price/Evaluation Exchange
The exchange or source of the price returned by UAPRC4
See Appendix B: Universal Pricing Exchange codes

UAPRCGBP Unadjusted Best Price/Evaluation in GBP
The price returned by UAPRC converted to British Pounds using the London close spot mid-rate for the date of the unadjusted best price/evaluation.

UAPRC4GBP 4pm/Institutional Unadjusted Best Price/Evaluation in GBP
The price returned by UAPRC4 converted to British Pounds using the London close spot mid-rate for the date of the unadjusted best price/evaluation.

UAPRCISO Unadjusted Best Price/Evaluation Currency Code
ISO Currency code of the price returned by UAPRC.

UAPRC4ISO 4pm/Institutional Unadjusted Best Price/Evaluation Currency Code
ISO Currency code of the price returned by UAPRC4.

UAPRCNOTE Unadjusted Best Price/Evaluation Note
The type of price returned by UAPRC
See Appendix H: itemNote

UAPRC4NOTE 4pm/Institutional Unadjusted Best Price/Evaluation Note
The type of price returned by UAPRC4
See Appendix H: itemNote

UAPRCUSD Unadjusted Best Price/Evaluation in USD
The price returned by UAPRC converted to US Dollar using the London close spot mid-rate for the date of the unadjusted best price/evaluation.

UAPRC4USD 4pm/Institutional Unadjusted Best Price/Evaluation in USD
The price returned by UAPRC4 converted to US Dollar using the London close spot mid-rate for the date of the unadjusted best price/evaluation.

UATPRC Unadjusted Close/Composite Trade Price
The price returned by the item TPRC unadjusted for corporate actions such as splits.

UATPRCADAT Unadjusted Close/Composite Trade Price Amendment Date
Date of the price returned by UATPRC

UATPRCCOQtxt Unadjusted Composite Trade Price Country of Quotation
Country of Quotation of the price returned by UATPRC
See Appendix A: Country Codes

UATPRCCURR Unadjusted Close/Composite Trade Price Currency
Currency description like United States Dollar of the price returned by UATPRC

UATPRCEXCHtxt Unadjusted Composite Trade Price Exchange
The exchange or source of the price returned by UATPRC
See Appendix B: Universal Pricing Exchange codes

UATPRCISO Unadjusted Close/Composite Trade Price Currency Code
ISO Currency code of the price returned by UATPRC

UAVOLEX2 2nd Exch Unadjusted Volume
Returns the unadjusted volume from the secondary exchange for dually listed German and Indian securities.

UAVOLEX2ADAT 2nd Exch Unadjusted Volume Amendment Date
Date of the volume returned by UAVOLEX2.

UAVOLUME Unadjusted Volume
The volume unadjusted for corporate actions such as splits.

UAVOLUMEADAT Unadjusted Volume Amendment Date
Date of the volume returned by UAVOLUME

UAVWAP Unadjusted Volume Weighted Average Price
The VWAP unadjusted for corporate actions such as splits.

UEXTK Underlying Ticker

Ticker of the underlying security of the exchange traded derivative.

UFTCR Fitch Underlying Issuer Rating

The issue's underlying rating assigned by Fitch.

UIDII Underlying Future IDII

IDII of the underlying security of the exchange traded derivative.

UISIN ISIN of the Underlying Asset

ISIN of the underlying security of the exchange traded derivative.

UTICK Underlying Future Ticker

Ticker of the underlying security of the exchange traded derivative.

UMOOD Moody's Underlying Issuer Rating

The issue's underlying rating assigned by Moody's.

UNDAtxt Underwriter Abbreviation

The Underwriter Abbreviation is an abbreviation of the issue's lead underwriter. When a new security comes to market as a result of a corporate action (e.g., an exchange or subscription offer), this item reflects the nature of that action rather than the underwriter name.

Code	Description
ABAB	ABN AMRO Bank N.V.
ABAM	ABN AMRO Chicago Corp.
ABHF	ABN AMRO Financial Services, Inc.
ABHG	ABN AMRO Hoare Govett
ABIN	ABN AMRO Inc.
ABNA	ABN AMRO Securities (USA) Inc.
ADAM	Adams, Viner & Mosler, Ltd.
ADV	Advest, Inc.
AIGF	AIG Financial Seclurities Corp.
ALAD	Aladdin Capital LLC
ALL	Allen & Company Incorporated
AME	American Securities Corporation
AMEC	Ames (A.E.) & Co. Incorporated
AMEI	Ames (A.E.) & Co., Ltd.
AMHS	Amherst Securities Group, Inc.
AMPA	Ampal Securities Corporation
AMSB	AmSouth Bank
AMSO	AmSouth Capital Markets
ANDE	Anderson, Bryant & Co.

ANDS	Anderson & Strudwick Incorporated
ANZS	ANZ Securities, Inc.
AONC	Aon Capital Markets
APEX	Apex Pryor Securities
BAA	BA Securities, Inc.
BAB	ABN AMRO Bank N.V.
BACH	Bache & Co. Incorporated
BACS	Bache Halsey Stuart Inc.
BAH	Bache Halsey Stuart Shields Inc.
BAHB	ache Halsey Stuart Shields Incorporated
BAHE	Baer & Company Incorporated
BAIR	Baird (Robert W.) & Co., Incorporated
BAMP	BancAmerica Securities Inc.
BAMT	BancAmerica Securities, LLC
BAN	Bank One Capital Corp.
BANA	Bank of America NT & SA
BANB	Bank of America Merrill Lynch
BANC	Bank of America Securities, LLC
BAND	Bank Austria Creditanstalt AG
BANF	Bank of Boston Trust Company Limited
BANH	Bank of Montreal, London Branch
BANK	Bank of Tokyo International Ltd.
BANM	BancAmerica Robertson Stephens
BANN	Bank of Nova Scotia
BANO	Bank One, Indianapolis, NA
BANP	BancAmerica Securities, Inc.
BANQ	BancBoston Securities, Inc.
BANR	BankBoston Robertson Stephens Inc.
BANT	Bankers Trust Company
BANZ	Bankers Trust International PLC
BAQB	Banque Bruxolles Lambert S.A.
BAQJ	Banque Paribas
BARB	Barclay (J.W.) & Co,, Inc.
BARC	Barclays de Zoete Wedd Securities Inc.
BARD	Barclays Capital Corp.
BARE	Barclays Capital Markets Inc.
BARG	Barclays de Zoete Wedd Securities Ltd.
BARH	Barclays Capital Inc.
BARI	Baring Securities Inc.
BARP	Barclays Bank plc
BATE	Bateman Eichler, Hill Richards Inc.

BBTC	BB&T Capital Markets
BBVA	BBVA Securities Inc.
BEAR	Bear Stearns & Co., Inc.
BEAS	Bear, Stearns International Ltd.
BECC	Becker (A.G.) & Co. Incorporated
BECK	Becker (A.G.) Paribas Incorporated
BERS	Berkshire Securities Inc.
BIEB	Bieber Securities Inc.
BIGL	Bigelow & Company Investment Bankers
BILT	Biltmore Securities
BLA	Blair (D.H.) & Co., Inc.
BLAC	Blackmont Capital Inc.
BLAI	Blair (D.H.) Investment Banking Corp.
BLR	Blair (William) & Company
BLT	Blaylock & Partners, L. P.
BLTR	Blaylock Robert Van, LLC
BLUN	Blunt Ellis & Loewi Incorporated
BLY	Blyth & Co., Inc.
BLYE	Blyth Eastman Dillon & Co. Incorporated
BLYP	Blyth Eastman Paine Webber Incorporated
BMNB	BMO Nesbitt Burns Inc.
BMOC	BMO Capital Markets Corp.
BNPP	BNP Paribas Securities Corp.
BNYA	BNY Capital Markets, Inc.
BNYM	BNY Mellon Capital Markets, LLC
BOAT	Boatmens National Bank
BOET	Boettcher & Company, Inc.
BONB	Bonbright & Co., Inc.
BOND	Bond, Richman & Co., Inc.
BONS	Bonds Direct Securities, LLC
BOSC	Bosc, Inc.
BRA	Bradford (J.C.) & Co.
BRAD	Brooks (Jeffrey) Securities Inc.
BRAE	Brookfield Financial Corp.
BRAJ	Brous, HD & Co., Inc.
BRAL	Brown (Alex) & Sons, Inc.
BRHM	Brown Brothers Harriman & Co.
BTAB	BT Alex Brown
BTAI	BT Alex Brown International
BTSE	BT Securities Corporation
BTZZ	BTM Financial Services, Inc.

BUFR	Burns Fry Ltd.
BZWA	BZW Securities, Inc,
CABR	Cabrera Capital Markets
CAIN	Cain Brothers & Company, LLC
CALY	Calyon Securities (USA) Inc.
CANA	Canaccord Capital Corpration
CANI	Canadian Imperial Bank of Commerce (London Branch)
CANT	Cantor Fitzgerald
CAOS	Capital One Southcoast, Inc.
CARM	Carroll McEntee & McGinley Incorporated
CARO	Carolina Securities Corporation
CARR	Carroll McEntee McGinley & Co. Inc.
CASO	CastleOak Securities, L.P.
CASS	Casgrain & Company Limited
CAST	Castle Securities Corp.
CENT	Central Republic Company (Incorporated)
CHAI	Chase Investment Bank Ltd.
CHAM	Chase Manhattan Bank, N.A.
CHAO	Chase Manhattan International
CHAS	Chase Securities, Inc.
CHEB	Chemical Bank
CHEI	Chemical Bank International Ltd.
CHEM	Chemical Securities Inc.
CHIC	Chicago Corporation, The
CIBC	CIBC Ltd.
CIBO	CIBC Oppenheimer
CIBW	CIBC Wood Gundy Securities Corp.
CIBX	CIBC World Markets Corp.
CIBY	CIBC World Markets Inc.
CIT	Citibank, N.A.
CITA	Citibank International plc
CITB	Citibank Securities Inc.
CITC	Citicorp Investment Bank, Citibank, N.A.
CITD	Citicorp Capital Investors Limited
CITI	Citicorp Securities Markets, Inc.
CITS	Citicorp Securities, Inc.
CITW	Citigroup Global Markets Canada Inc.
CITX	Citigroup Global Markets Inc.
CITY	City Securities Corporation
CITZ	Citigroup Global Markets Limited
CLAG	Clarke (G.X.) & Co.

CLAR	Clark Melvin Securities Corporation
CLAU	Clarus Securities Inc.
COAS	Coast Partners Securities, Inc.
COAT	Coastal Securities, L.P.
COHE	Cohen & Steers Capital Advisors, LLC
COHG	Cohig & Associates, Inc.
COLE	Coleman and Company Securities, Inc.
COMA	Comerica Securities, Inc.
COMB	Commerce Bank, N.A.
COMM	Commerce Investment Corporation
COMN	Commerzbank Capital MArkets Corp.
COMO	Commonwealth Associates
COMP	Compass Bank
CONN	Connecticut National Bank (The)
CONQ	Consent Solicitation
CONS	Continental American Securities
CONT	Continental Bank N. A.
CORA	Cormark Securities Inc.
CORE	CoreStates Bank, N.A.
CORM	CoreStates Capital Markets
CORS	CoreStates Securities Corp.
COU	Coughlin & Company Inc.
COUA	Country Club Bank, N.A.
COUC	County NatWest Capital Markets
COUN	County NatWest Securities Corp. (U.S.A.)
COUW	Countrywide Securities Corp.
COWN	Cowen & Co.
CRAG	Craig-Hallum, Inc.
CRG	Craigie Incorporated
CRIP	Credit Interprovincial Limitee
CRLA	Credit Agricole Securities (USA) Inc.
CRLY	Credit Lyonnais
CRTC	CRT Capital Group LLC
CSFB	Credit Suisse First Boston LLC
CSFC	Credit Suisse First Boston Canada Inc.
CSFI	Credit Suisse First Boston Ltd.
CSFL	Credit Suisse First Boston (Europe) Limited
CSFR	CS First Boston
CSSA	Credit Suisse Securities (USA) LLC
CSSC	Credit Suisse Securities (Canada)Inc.
CSSL	Credit Suisse Securities (Europe) Limited

DAAJ	DLJMB Funding, Inc.
DABN	Dabney / Resnick, Inc.
DAIN	Dain Bosworth Incorporated
DAIR	Dain Rauscher Corp.
DAIS	Dain Rauscher Inc.
DAIV	Daiwa Europe Ltd.
DAIW	Daiwa Securities America, Inc.
DAKI	Dakin Securities Corporation
DALY	Daly Gordon Securities
DAVI	Davidson D.A. & Co. Incorporated
DBAG	Dresdner Bank AG
DEAC	Deacon Barclays de Zoeto Wedd Ltd.
DEAL	Dean Witter & Co.
DEAM	Dean Witter & Co. Incorporated
DEAN	Dean Witter Reynolds Inc.
DEAO	Dean Witter Reynolds Overseas Ltd.
DESJ	Desjardins Securities Inc.
DETA	Deutsche Bank Alex. Brown
DETB	Deutsche Bank AG
DETC	Deutsche Bank Aktiengeselischaft
DEU	Deutsche Bank Capital Markets Ltd.
DEUA	Deutsche Bank Nomura Securities
DEUC	Deutsche Bank Securities
DEUD	Deutsche Bank Securities Limited
DEUM	Deutsche Morgan Grenfell
DEVE	Development Corporation For Israel
DICK	Dickinson (R.G.) & Co.
DILL	Dillon, Read & Co. Inc.
DIR	Direct Offer
DISC	Discount Corporation of New York
DIV	Dividend Distribution
DKBI	DKB International PLC
DNBN	DnB NOR Markets, Inc.
DOFT	Doft & Co., Inc.
DOGI	Domestic Arbitrage Group, Inc.
DOM	Dominick & Dominick, Incorporated
DOMC	Dominion Securities Corp.
DOMD	Dominion Securities Corporation Ltd.
DOMI	Dominion Securities Inc.
DOMJ	Dominion Securities Ltd.
DOMP	Dominion Securities Pitfield Ltd.

DOMZ	Donaldson, Lufkin & Jenrette International
DON	Donaldson, Lufkin & Jenrette Securities
DONA	Donaldson, Lufkin & Jenrette Securities Corp.
DONI	Donaldson, Lufkin & Jenrette Securities Inc.
DOUG	Dougherty Dawkins, Strand & Bigelow Inc.
DOWL	Dowling and Partners Securities LLC
DRDB	Dresdner Kleinwort Benson
DRDK	Dresdner Kleinwort Wasserstein Granchester,Inc.
DRDW	Dresdner Kleinwort Wasserstein Securities LLC
DREA	Drexel & Co.
DREB	Drexel Burnham & Co., Inc.
DREX	Drexel Burnham Lambert Inc.
DREY	Drexel Burnham Lambert International Inc.
DREZ	Drexel Burnham Lambert International Ltd.
DRHA	Drexel Harriman Ripley Securities Inc.
DRHB	Drexel Harriman Ripley Incorporated
DUKE	Duke & Co., Inc.
DUNW	Duncan Williams, Inc.
DUNY	Dundee Securities Corporation
DUP	duPont Glore Forgan, Inc.
DUPA	duPont (Francis I.), A.C. Allyn, Inc.
DUPF	duPont (Francis I.) & Co.
DUPG	duPont Glore Forgan, Inc.
DVBC	DVB Capital Markets LLC
EAST	Eastlake Securities, Inc.
EATT	Eastman Dillon, Union Securities & Co.
EATU	Eastman Dillon, Union Securities & Co. Inc.
EDWD	Edwards (A.G.) & Sons, Inc.
EMAN	Emanuel and Company
EMPS	Empire Securities, Inc. of Washington
EQS	Equitable Securities Corporation
EQSA	Equitable Securities, Morton & Co.
EVER	EVEREN Securities, Inc.
EXCH	Exchange Offer
EXER	Exercise of warrants or rights
FAH	Fahnstock & Co., Inc.
FAIC	FAIC Securities, Inc.
FAY	Fay, Richwhite & Co. Ltd.
FBRC	FBR Capital Markets & Co.
FBS	FBS Investment Services, Inc.
FED	Federal Reserve Banks

FERB	Ferris, Baker, Watts Inc.
FFCM	Fidelity Capital Markets
FFFT	Fifth Third Securities, Inc.
FFNE	Financial Northeastern Corp.
FIAL	First Albany Corporation
FIAS	First Allied Securities, Inc.
FIAV	First American Capital Markets
FIAW	First Associates Investments Inc.
FIBB	First Boston Bank (The)
FIBO	First Boston Corporation (The)
FIBP	First Boston Canada Ltd.
FICC	First Chicago Capital Markets, Inc.
FIEM	First Empire Securities, Inc.
FIES	FirstEnergy Capital Corp.
FIJY	First Jersey Securities, Inc.
FILV	First Level Capital, inc.
FIMA	First Marathon Capital Corp.
FIMB	First Marathon (U.S.A.) Inc.
FIMC	First Marathon Securities Ltd.
FIMD	First Mid America Corporation
FIMI	First of Michigan Corporation
FINA	Finacorp Securities
FINB	First National Bank of Boston
FINC	First National Bank of Chicago (The)
FIRP	First Pennsylvania Bank, N.A.
FIRQ	First Tennessee Capital Markets
FIRT	First Tennessee Bank N.A.
FIRU	First Union Securities Inc.
FISU	First Union Capital Markets Corp
FITH	Fifth Third Securities, inc.
FITZ	Fitzgerald, Dearman & Roberts, Inc.
FIXS	Fixed Income Securities, LLC.
FLEB	FleetBoston Robertson Stephens Inc.
FLEC	Fleet National Bank
FLEE	Fleet Securities, Inc.
FOLE	Foley Mufson Howe & Co.
FORS	Fortis Securities LLC
FORT	Fortis Bank
FORU	Forum Capital Markets, L.P.
FOX	Fox-Pitt, Kelton N.V.
FRA	Francis I. duPont & Co.

FRAN	Francis I. duPont, A.C. Allyn, Inc.
FRBR	Friedman, Billings, Ramsey & Co., Inc.
FRIE	Friend (L.H.) & Company
FROS	Frost National Bank
FTNF	FTN Financial Capital Markets
FUJI	Fuji Securities Inc.
FUR	Furman Selz Incorporated
FURS	Furman Selz Mager Dietz Birney Incorporated
GANT	J. W. Gant & Associates, Inc.
GENC	Genuity Capital Markets
GERA	Gerard Klauer Mattison & Co., Inc.
GLOB	Global Equities Group, Inc.
GLOF	Glore, Forgan & Co.
GLOR	Glore Forgan, Wm. R. Staats Inc.
GMPS	GMP Securities L.P.
GOLA	Gold Capital Management, Inc.
GOLD	Goldman, Sachs & Co.
GOLG	Goldman Sachs (Asia) L.L.C.
GOLL	Goldman Sachs Canada
GOLS	Goldman Sachs International Ltd.
GORD	Gordon Capital Corporation
GOVS	Government Securities Corporation of Texas
GRAN	Granchester Securities, Inc.
GREA	Great Lakes Capital Markets Inc.
GREB	Great Nation Investment Corp.
GREC	Great Pacific Securities
GREE	Greenshields Inc.
GREN	Greenwich Capital Markets Inc.
GRER	Gregory (J.) &Co., Inc.
GRIF	Griffin, Kubik, Stephens & Thompson, Inc.
GRIG	Grigsby Brandford
GRIM	Griffith McBurney & Partners
GRUM	Gruntal & Co., L.L.C.
GRUN	Gruntal & Co., Incorporated
GUAT	Guaranty Trust Co.
GUGG	Guggenheim Capital Markets, LLC
GUZM	Guzman & Company
HAAS	Haas Securities Corporation
HAL	Halsey, Stuart & Co., Inc.
HAMB	Hambrecht & Quist Incorporated
HANA	Hana Daetoo Securities Co., Ltd.

HAPO	Hapoalim Securities USA, Inc.
HARI	Harriman Ripley & Co.
HARJ	Harriman Ripley & Co. Inc.
HARR	Harris & Partners Ltd.
HAYD	Hayden Stone Incorporated
HAYW	Haywood Securities Inc.
HILL	Hilliard (J.J.B.), W.L. Lyons, Inc.
HOPP	Hopper Soliday & Co., Inc.
HORN	Hornblower & Weeks-Hemphill, Noyes
HOUG	Hough (William R.) & Co.
HOWE	Howe Barnes Investments, Inc.
HOWH	Howe Barnes Hoefer & Arnett
HSBC	HSBC Securities, Inc.
HSBD	HSBC Securities (Canada) Inc.
HUCC	Huntington Capital Corp.
HUIC	The Huntington Investment Company
HUT	Hutton (E.F.) & Company Inc.
IBJ	IBJ International Ltd.
IMPC	Imperial Capital, L.L.C.
IMS	I. M. Simon & Co., Inc.
INCP	Incapital LLC
ING	ING Bank N.V.
INGB	ING Baring (U.K.)
INGF	ING Baring (U.S.) Securities, Inc.
INTJ	Interstate/Johnson Lane Corp.
INTS	Interstate Securities Corporation
JAMC	James Capel, Canada, Inc.
JANN	Janney Montgomery Scott Inc.
JEFB	Jeffries Bonds Direct
JEFF	Jefferies & Company, Inc.
JESP	Jesup & Lamont Securities Co., Inc.
JOHN	Johnson, Lane, Space, Smith & Co., Inc.
JONE	Jones (Edward D.) & Co.
JONR	Johnson Rice & Company L.L.C.
JOSE	Josephthal & Co. Inc.
JOSL	Josephthal Lyon and Ross Incorporated
JVBF	JVB Financial Group LLC
KBCF	KBC Financial Products USA Inc.
KEAN	Keane Securities Co. Inc.
KEEF	Keefe, Bruyette & Woods, Inc.
KEMG	Kemper Securities Group, Inc.

KEMP	Kemper Securities, Inc.
KEYB	KeyBanc Capital Markets Inc.
KIDD	Kidder, Peabody & Co., Incorporated
KIDI	Kidder, Peabody International Ltd.
KISS	Kissel-Blake Inc.
KKRC	KKR Capital Markets LLC
KLEG	Kleinwort Benson Ltd.
KNAP	Knapp (K.A.) & Co., Inc.
KORT	Korth (J.W.) & Company Incorporated
KUH	Kuhn, Loeb & Co.
KUHI	Kuhn, Loeb & Co. Incorporated
LAAA	LaJolla Securities Corp.
LADE	Ladenburg, Thalmann & Co., Inc.
LANC	Lancaster Securities Corp.
LANG	Langley (W. C.) & Co.
LANS	Lanston (Aubrey G.) & Co., Inc.
LARX	LaSalle Bank, N.A.
LARZ	LaSalle Capital Markets
LASA	LaSalle National Bank
LAZ	Lazard Brothers & Co., Ltd.
LAZA	Lazard Freres & Co.
LAZC	Lazard Capital Markets
LEBE	Lebenthal & Co., LLC
LEE	Lee, Higgenson & Co.
LEGG	Legg Mason Wood Walker Inc.
LEH	Lehman Brothers
LEHB	Lehman Brothers Incorporated
LEHI	Lehman Brothers International
LEHK	Lehman Brothers Kuhn Loeb Incorporated
LEHL	Lehman Brothers Kuhn Loeb Int'l. Inc.
LEHM	Lehman Government Securities Inc.
LEV	Levesque, Beaubien Inc.
LEVG	Levesque Beaubien Geoffrion Inc.
LIBR	Libra Investments, Inc.
LIST	Listrom (Lowell H.) & Company Inc.
LLYD	Lloyds TSB Bank plc
LOEB	Loeb, Rhoades & Co.
LOEC	Loeb (Carl M.), Rhoades & Co.
LOEH	Loeb Rhoades, Hornblower & Co.
LOEW	Loewen, Ondaatje, McCutcheon & Co., Ltd.
LOEY	Lowenbaum & Co., Inc.

LOMB	Lombard Street Securities Corp.
LOOP	Loop Capital Markets LLC
LTCB	LTCB International Ltd.
LUX	Lux Investor Services Corp.
MAAI	M&I Marshall & Ilsley Bank
MACE	Macquarie Capital Markets Canada Ltd.
MADW	Madison Williams and Company
MAGN	Magna Securities Corp.
MANU	Manufacturers Hanover Ltd.
MARK	Mark Twain Bank
MARL	Marlett Mazzarella
MCDC	McDonald & Company
MCDO	McDonald & Company Securities, Inc.
MCDT	McDonald Investments Inc., A Keycorp Company
MCKE	McKee (W.B.) Securities, Inc.
MCKI	McKinnon & Co. Inc.
MCLC	McLeod, Young, Weir & Company, Ltd.
MCLD	McLeod Young Weir Ltd.
MCLN	McLean McCarthy Inc.
MCMA	McMahan Securities Co., Inc.
MELL	Mellon Bank, N.A.
MELM	Mellon Financial Markets, Inc.
MELO	Mellon Financial Markets, LLC
MEQL	Merchant Capital L.L.C.
MEQZ	Merchantile Bank, N.A.
MER	Merrill Lynch & Co.
MERB	Merrill Lynch Canada Inc.
MERC	Merrill Lynch Capital Markets
MERF	Merrill Lynch Far East Ltd.
MERG	Merrill Lynch Government Securities Inc.
MERI	Merrill Lynch International Inc.
MERP	Merrill Lynch, Pierce, Fenner & Beane
MERR	Merrill Lynch, Pierce, Fenner & Smith Inc.
MERS	Merrill Lynch, Royal Securities Limited
MERT	Merrill Lynch(Singapore)PTE. LTD.
MERW	Merrill Lynch White Weld Capital Markets Grp
MERX	Merrion Group LP
MESI	Mesirow Financial Inc.
MEYE	Meyers (H.J.) & Co., Inc.
MFGI	MF Global Inc.
MFRS	MFR Securities, Inc.

MIDW	Midland Walwyn Capital Inc.
MIDZ	Midwest Capital Management Inc.
MILL	Miller & Schroeder Financial, Inc.
MITS	Mitsubishi Securities International plc
MITU	Mitsubishi UFJ Securities (USA) Inc.
MIZU	Mizuho International plc
MIZV	Mizuho Securities USA Inc.
MONT	Montgomery Securities
MORA	Moran (J.T.) & Co., Inc.
MORD	Morgan (Gene) Financial
MORF	Morgan Guaranty Ltd.
MORG	Morgan Guaranty Trust Company
MORH	Morgan (J.P.) & Co.
MORI	JPMorgan a division of Chase Securities, Inc.
MORJ	Morgan (J.P.) Securities, Inc.
MORK	Morgan Keegan & Company, Inc.
MORL	Morgan Joseph & Co. Inc.
MORO	Morgan, Ohmstead, Kennedy & Gardner Inc.
MORR	Morgan Stanley & Co.
MORS	Morgan Stanley & Co., Incorporated
MORT	Morgan Stanley International
MORU	Morgan Stanley Dean Witter
MORV	Morgan Stanley Smith Barney LLC
MORW	Morrow & Co., Inc.
MYER	Myerberg & Company, L.P.
NATB	National Bank Financial Inc.
NATC	National City Bank
NATD	National Securities Corp.
NATE	National Financial Markets Group
NATF	National Westminster Bank PLC
NATG	Natixis Corporate & Investment Bank
NATH	Natixis Securities North America Inc.
NATI	NatCity Investments, Inc.
NATJ	Natixis Bleichroeder LLC
NATN	NationsBanc Capital Markets, Inc.
NATO	NationsBanc Montgomery Securities Inc.
NATT	NatWest Bank N.A.
NATU	NatWest Markets
NATV	NatWest Capital Markets Ltd.
NATW	NatWest Securities Ltd.
NBCC	NBC Capital Markets Group, Inc.

NBUR	Nesbitt Burns Inc.
NBUS	Nesbitt Burns Securites Inc.
NES	Nesbitt Thomson Bongard Inc.
NESA	Nesbitt Thomson & Co., Ltd.
NESB	Nesbitt Thomson Deacon Inc.
NESL	Nesbitt Thomson Deacon Ltd.
NESR	Nesbitt Thomson Ltd.
NESS	Nesbitt Thomson Inc.
NEST	Nesbitt Thomson Securities Ltd.
NEWC	New Court Securities Corp.
NEWH	New York City Housing Authority
NEWM	Newman and Associates, Inc.
NIKF	Nikko Europe PLC
NIKK	Nikko Securities Company International, Inc.
NOBL	Noble Investment Co.
NOMI	Nomura International Ltd.
NOMU	Nomura Securities International, Inc.
NOMV	Nomura International plc
NORD	Nordea Bank Danmark A/G
NORW	Norwest Investment Services Inc.
OFFE	Offerman & Company
OFFF	Offerman & Co., Inc.
OFTM	Office of Trust Funds Management
OHIO	Ohio Company (The)
OIL	Oil and Gas Development Finance Ltd.
OLDE	Olde Discount Corporation
OPPE	Oppenheimer & Company, Inc.
OPTN	Option exercised
ORFS	Oriental Financial Services Corp.
ORRB	Orion Royal Bank, Ltd.
ORSA	Orion Securities Inc.
ORSC	Ormes Capital Markets, Inc.
PAIL	Paine, Webber, Jackson & Curtis
PAIM	Paine, Webber, Jackson & Curtis Incorporated
PAIN	PaineWebber Incorporated
PAIW	PaineWebber International
PAIX	PaineWebber Inc. of Puerto Rico
PARA	Paribas Capital Markets
PARI	Paribas Corporation
PAUL	Paulson Investment Company, Incorporated
PEAC	Peacock, Hislop, Staley & Given, Inc.

PEMH	Pemberton Houston Willoughby Inc.
PERS	Pershing LLC
PETE	Peters & Co. Limited
PHIL	Philadelphia Brokerage Corporation
PIKI	Pay-In-Kind Interest
PIPC	Piper, Jaffray & Hopwood
PIPD	Piper, Jaffray & Hopwood Incorporated
PIPE	Piper Jaffray Inc.
PIT	Pitfield, Mackay, Ross & Company Ltd.
PITT	Pitfield (W.C.) & Co., Inc.
PNCC	PNC Capital Markets LLC
PPLR	Popular Securities
PRES	Prescott, Ball & Turben, Inc.
PRIM	Prime Charter Ltd.
PRIV	Private Placement
PRU	Prudential-Bache Capital Funding
PRUA	Prudential-Bache Securities
PRUB	Prudential-Bache Securities Inc.
PRUC	Prudential Investment Management Services LLC
PRUD	Prudential Securities Incorporated
PRY	Pryor, McClendon, Counts & Co., Inc.
PUCC	Puccetti Farrell Capital Corp.
PUTN	Putnam & Co.
QUAD	Quadrex Securities Ltd.
QUIC	Quick & Reilly, Inc.
RABI	I.A. Rabinowitx & Co.
RABO	Rabo Securities USA
RAFF	Raffensperger, Hughes & Co., Inc.
RAS	RAS Securities Corp.
RAUS	Rauscher Pierce Refsnes, Inc.
RAYM	Raymond James & Associates, Inc.
RAYS	Raymond James Ltd.
RBBC	RBC Capital Markets
RBBD	RBC Capital Markets Inc.
RBBR	RBC Dain Rauscher Inc.
RBC	RBC Dominion Securities
RBCA	RBC Dominion Securities Corporation
RBCI	RBC Dominion Securities Inc.
RBSG	RBS Greenwich Capital, Inc.
RBSS	RBS Securities Inc.
RECL	Reclassification

REDW	Redwood Securities Group Inc.
REOG	Reorganization
REPB	Republic Bank of New York
REST	Restructuring
RICC	Richardson Greenshields of Canada Ltd.
RICE	Rice Financial Products Company
RICK	Rickel Securities, Inc.
ROBA	Robert Van Securities, Inc.
ROBE	Robertson, Stephens & Company
ROBH	Robinson Humphrey Company (The)
ROBI	Robinson-Humphrey Company, Inc. (The)
RODM	Rodman & Renshaw, Inc.
RONE	Roney & Co.
ROON	Rooney, Pace Inc.
ROTA	Rotan Mosle Inc.
ROTH	Rothschild (L.F.) & Co. Incorporated
ROTU	Rothschild (L.F.), Unterberg, Towbin
ROTV	Rothschild (L.F.), Unterberg, Towbin, Inc.
ROTY	Royal Bank of Canada Europe Limited
ROYA	Royal Securities Corp., Ltd.
RPCI	RP & C International
RTS	Rights offering
RYAN	Ryan, Beck & Co.
SAGE	Sage, Rutty % Co., Inc.
SAL	Salomon Brothers
SALC	Salomon Smith Barney Canada Inc.
SALH	Salomon Brothers & Hutzler
SALK	Salomon Brothers Hong Kong Ltd.
SALO	Salomon Brothers Inc.
SALP	Salomon Brothers International Ltd.
SALQ	Sandler O'Neill & Partners, L.P.
SALR	Sandler Capital Partners IV, L.P.
SALS	Salomon Smith Barney
SAMH	Sanders Morris Harris Group
SAN	Sanwa-BGK Securities Co., L.P.
SANT	Santander Investment Securities Inc.
SANW	Sanwa Securities (U.S.A.) Co., L.P.
SATS	Santander Securities Corporation of Puerto Rico
SBCC	SBC Capital Markets Inc.
SBCI	SBCI Swiss Bank Corp. Inv. Banking Inc.
SBCW	SBC Warburg

SBCZ	SBC Warburg Dillon Read Inc.
SCBC	Scotia Bond Company Ltd.
SCCM	Scotia Capital Markets
SCCN	Scotia Capital Inc.
SCCU	Scotia Capital (USA)Inc.
SCES	Schneider Securities, Inc.
SCH	Schroder (J. Henry) Wagg & Co. Ltd.
SCHR	Schroder & Co., Inc.
SCHW	Schwab (Charles) & Co., Inc.
SCMC	ScotiaMcLeod Inc.
SCMU	ScotiaMcLeod (USA) Inc.
SCOT	Scott & Stringfellow Inc.
SEAS	Seasongood & Mayer, LLC
SEAT	Seattle Northwest Securities Corporation
SEID	Seidler Amdec Securities Inc.
SELL	Selling Holders
SERV	Service Asset Management Company
SGAM	SG Americas Securities, LLC.
SGCV	SG Cowen & Co., LLC
SGCW	S.G. Cowen Securities Corporation
SHE	Shearson/American Express Inc.
SHEA	Shearson Lehman/American Express Inc.
SHEB	Shearson Lehman Brothers Inc.
SHEH	Shearson Lehman Hutton Inc.
SHEI	Shearson Lehman International
SHLR	Shearson Loeb Rhoades Inc.
SHLS	Shearson Loeb Rhoades International Ltd.
SHLU	Sherwood Secutities Corp.
SHLW	Shields & Co.
SIBS	Siebert Brandford Shank & Co., LLC
SILV	Silver, Gray & Co., Inc.
SIMF	Simmons First Investment Group
SIMM	Simmons First National Bank
SIMS	Sims (Herbert J.) & Co., Inc.
SMIA	Smith Barney & Co. Incorporated
SMIB	Smith Barney, Harris Upham & Co., Incorporated
SMIC	Smith Barney Inc.
SMIT	Smith Barney Shearson Inc.
SMIW	Smithers (F.S.) & Co., Inc.
SOCI	Societe Generale
SOUT	Southcoast Capital Corporation

SOUW	Southwest Securities, Inc.
SOVN	Sovereign Securities Corporation LLC
SPLK	Spear, Leeds & Kellogg
SPLL	Spear, Leeds & Kellogg Government Securities
SPPH	SPP Hambro & Co., L.L.C.
STAN	Standard Bank Plc
STEP	Stephens, Inc.
STER	Sterne, Agee & Leach, Inc.
STIF	Stifel, Nicolaus & Company, Incorporated
STON	Stone & Webster Securities Corporation
STOY	Stone & Youngberg LLC
STRT	Strongtower Financial, Inc.
STUR	The Stuart-James Co. Incor
SUBS	Subscription Offer
SUMI	Sumimoto Bank Securities, Inc.
SUN	Sun Trust Capital Markets, Inc.
SUNE	Sun Trust Equitable Securities Corp.
SUNR	SunTrust Robinson Humphrey Capital Markets
SUTR	Sutro & Co. Incorporated
SWAR	Swartwood, Hesse Inc.
SWER	Swergold, Chefitz & Sinsabaugh, Inc.
SWIS	Swiss Bank Corporation International Ltd.
SWRE	Swiss Re Capital Markets Corporation
SYNO	Synovus Securities, Inc.
TDSE	TD Securities Inc.
TDUS	TD Securities (USA) Inc.
TEAS	Tejas Securities Group, Inc.
TECS	Texas Capital Securities, Inc.
THOJ	Thomas James Associates, Inc.
THOK	Thomas Weisel Partners Canada Inc.
THOL	Thomas Weisel Partners LLC
THOM	Thomson McKinnon Securities Inc.
TOKM	Tokyo-Mitsubishi International plc
TOLC	Toll Cross Securities Inc.
TOLU	Toluca Pacific Securities Corp.
TORB	Toronto Dominion Bank
TORD	Toronto Dominion Securities Inc.
TOUS	Toussaint Capital Partners, LLC
TRAA	Tradition Asiel Securities Inc.
TRAU	Traub and Company, Inc.
TRCI	Tristone Capital Inc.

TRCO	Trust Company Bank
TUCG	Tucker Anthony Cleary Gull
TUCK	Tucker Anthony Incorporated
TUCO	Tucker Anthony & R.L. Day, Inc.
TUDR	Tudor, Pickering, Holt & Co.Securities, Inc.
UBS	UBS Securities Inc.
UBSA	Union Bank of California, N.A.
UBSB	UBS Warburg LLC
UBSC	UBS Paine Webber Incorporated of Puerto Rico
UBSE	UBS Financial Services Inc.
UBSF	UBS Financial Services Incorporated of Puerto Rico
UBSI	UBS Investment Bank
UBSS	UBS Securities LLC
UBSW	Union Bank of Switzerland (Securities) Ltd.
UMB	MB Bank, NA
UNIC	UniCredit Capital Markets, Inc.
UNIO	Union Securities Corporation
UNOI	Union Securities Corporation
UNTE	Unterberg Harris
USBA	US Bancorp Investments, Inc.
USBC	U.S. Bancorp Investments, Inc.
USPJ	U.S. Bancorp Piper Jaffray
USQA	U.S. Bank National Association
UTEN	Utendahl Capital Partners, L. P.
VALU	Value Investing Partners
VANK	Van Kasper & Company
VINI	Vinings-Sparks IBG, L.P.
VTRC	VTR Capital, Inc.
WACH	Wachovia Bank of North Carolina
WACM	Wachovia Capital Markets, Inc.
WACN	Wachovia Capital Markets, LLC
WACS	Wachovia Securities, Inc.
WALL	Wall Street Access, LP
WALT	Walton Johnson & Co.
WARB	Warburg (S.G.) & Co., Inc.
WARI	Warburg (S.G.) & Co., Ltd.
WARL	Warburg Dillon Read L.L.C.
WARQ	Warburg Paribas Becker Incorporated
WASS	Wasserstein Parella Securities, Inc.
WEDM	Wedbush Morgan Securities Inc.
WEGD	Wegard (L.C.) & Co., Inc.

WELI	Wellington West Capital Inc.
WELJ	Wellington West Capital Markets Inc.
WELL	Wells Fargo Brokerage Services, L.L.C.
WELS	Wells Fargo Securities, LLC
WER	Wertheim & Co., Inc.
WERT	Wertheim Schroder & Co., Incorporated
WESC	Wescorp Investment Services, LLC
WEST	Western Financial Corporation
WETR	Westport Resources Investment Services, Inc.
WEWP	Westwind Partners Inc.
WHAL	Whale Securities Co.
WHEA	Wheat First Butcher & Singer Capital Markets
WHED	Wheat First Securities, Inc.
WHEF	Wheat First Union
WHIL	White Rock Partners & Co., Inc,
WHIT	White, Weld & Co.
WHIW	White, Weld & Co. International
WILC	Williams Capital Group, L.P. (The)
WILL	Williams Financial Markets
WOCO	Wolf (F.N.) & Co., Inc.
WOGU	Wood, Gundy & Company, Ltd.
WOOD	Wood Gundy Corp.
WOOI	Wood Gundy Incorporated
WOOL	Wood Gundy Ltd.
WOOS	Wood Gundy Securities Ltd.
YAMA	Yamaichi International (America) Inc.
YAMI	Yamaichi International (Europe) Ltd.
ZIEG	Ziegler, (B.C.) and Co.
ZIEH	Ziegler Capital Markets Group
ZIOD	Zions Direct, Inc.
ZION	Zions First National Bank, Capital Markets, Inc.
ZZZZ	!NA

UNDMtxt Underwriter Method

The Underwriter Method indicates regular or on a best efforts basis underwriting.

Code	Description
A	Regular underwriting
B	Offered on a best efforts basis
Z	Other situation

UNDTMtxt Underwriter Trademark Name
The Underwriter's Trademark Name for an issue.

UNIT Unit Number
Number derived by GNMA to identify the units comprising of the serial note pool.

USAPR S&P Underlying Issuer Rating
The issue's underlying rating assigned by S&P.

USECIDCHK Underlying Security Identifier with Check Digit
Available for options, is the nine-character CUSIP or seven-character SEDOL of the stock underlying an option.

UTYP Underlying Security Type
The security type of the underlying security.

VOLEX2 2nd Exch Volume
Returns the volume from the secondary exchange for dually listed German and Indian securities.

VOLEX2ADAT 2nd Exch Volume Amendment Date
Date of VOLEX2

VOLUME Volume
The volume adjusted historically for corporate actions

VOLUMEADAT Volume Amendment Date
Date of VOLUME

VRPS Voting Rights per Share
Indicates the number of voting rights per share attached to the class of shares.

VWAP Volume Weighted Average Price
Available for listed equities, provide an issue's composite average price weighted by its volume traded on a specific day.

WALA Current Weighted Average Loan Age
The weighted average of the current number of months since the note dates of the mortgages in a participation certificate (PC) pool. This disclosure field is updated monthly, which means the information is associated with the current remaining balance of the mortgages in the participation certificate (PC) pool. For seller-owned modified mortgages, modified mortgages, converted mortgages, and construction-to-permanent mortgages, the modification/converted date is substituted for the origination date.

WAOCS Weighted Average of the Credit Scores
The weighted average of the credit scores provided by lenders for each loan underlying the pool.

WAODTI Weighted Average Original Debt to Income
Weighted Average Original Debt to Income - the weighted average of the ratios between each mortgage's (1) sum of the Borrower's monthly debt payments, including monthly housing expenses that incorporate the mortgage payment the Borrower is making at the time of the delivery of the mortgage loan to Freddie Mac and (2) the total monthly income used to underwrite the Borrower as of the date of the origination of

the mortgage loan. This disclosure field is updated monthly, which means the information is associated with the current remaining balance of the mortgages in the participation certificate (PC) pool. This disclosure is subject to the widely varying standards originators use to verify Borrowers' assets and liabilities.

WAOLT Weighted Average Original Loan Term

Weighted Average Original Loan Term - the weighted average of the number of scheduled monthly payments of the mortgages in a participation certificate (PC) pool. This disclosure field is updated monthly, which means the information is associated with the current remaining balance of the mortgages in the participation certificate (PC) pool.

WAOLTV Weighted Average of the Loan to Value

The current weighted average of the loan-to-value ratios for the underlying mortgage loans in the pool.

YAVG Yield to Average Life

The yield of the tranche for the date requested. It is used to discount the tranche's predicted cash flow to arrive at an evaluated price.

YLDM Yield to Maturity

The annual rate equating, on a discounted basis, the current market price of the issue to the interest and principal payments the holder receives over the security's life.

ZERO Zero Rate/Spot Rate

The rate of interest for a single payment at a particular tenor date with no intermediate coupons. Not applicable to municipal curves. Applies only to evaluation curves.

ZEROADAT Zero Rate/Spot Rate Date

Date of ZERO. Applies only to evaluation curves.

Appendix A: Country codes

Code	Description
	!NA
AA	Supranational
AD	Andorra
AE	United Arab Emirates
AF	Afghanistan
AG	Antigua & Barbuda
AI	Anguilla
AL	Albania
AM	Armenia
AN	Netherlands Antilles
AO	Angola
AQ	Antarctica
AR	Argentina

AS	American Samoa
AT	Austria
AU	Australia
AW	Aruba
AX	Aland Islands
AZ	Azerbaijan
BA	Bosnia & Herzegovina
BB	Barbados
BD	Bangladesh
BE	Belgium
BF	Burkina Faso
BG	Bulgaria
BH	Bahrain
BI	Burundi
BJ	Benin
BL	Saint Barthelemy
BM	Bermuda
BN	Brunei Darussalam
BO	Bolivia
BQ	Bonaire, Sint Eustatius, and Saba
BR	Brazil
BS	Bahamas
BT	Bhutan
BV	Bouvet Island
BW	Botswana
BY	Belarus
BZ	Belize
CA	Canada
CC	Cocos (Keeling) Islands
CD	Democratic Republic of the Congo
CF	Central African Republic
CG	Congo
CH	Switzerland
CI	Cote d'Ivoire
CK	Cook Islands
CL	Chile
CM	Cameroon
CN	China
CO	Colombia
CR	Costa Rica
CS	Serbia and Montenegro (obsolete)

CU	Cuba
CV	Cape Verde
CW	Curacao
CX	Christmas Island
CY	Cyprus
CZ	Czech Republic
DE	Germany
DJ	Djibouti
DK	Denmark
DM	Dominica
DO	Dominican Republic
DZ	Algeria
EC	Ecuador
EE	Estonia
EG	Egypt
EH	Western Sahara
ER	Eritrea
ES	Spain
ET	Ethiopia
EU	European Union
FI	Finland
FJ	Fiji
FK	Falkland Islands
FM	Micronesia
FO	Faroe Islands
FR	France
FX	France, Metropolitan
GA	Gabon
GB	United Kingdom
GD	Grenada
GE	Georgia
GF	French Guiana
GG	Guernsey
GH	Ghana
GI	Gibraltar
GL	Greenland
GM	Gambia
GN	Guinea
GP	Guadaloupe
GQ	Equatorial Guinea
GR	Greece

GS	South Georgia & the South Sandwich Islands
GT	Guatemala
GU	Guam
GW	Guinea-Bissau
GY	Guyana
HK	Hong Kong
HM	Heard & McDonald Islands
HN	Honduras
HR	Croatia
HT	Haiti
HU	Hungary
ID	Indonesia
IE	Ireland
IL	Israel
IM	Isle of Man
IN	India
IO	British Indian Ocean Territory
IQ	Iraq
IR	Iran
IS	Iceland
IT	Italy
JE	Jersey
JM	Jamaica
JO	Jordan
JP	Japan
KE	Kenya
KG	Kyrgyzstan
KH	Cambodia
KI	Kiribati
KM	Comoros
KN	Saint Kitts & Nevis
KP	North Korea
KR	South Korea
KW	Kuwait
KY	Cayman Islands
KZ	Kazakhstan
LA	Laos
LB	Lebanon
LC	Saint Lucia
LI	Liechtenstein
LK	Sri Lanka

LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
LY	Libya
MA	Morocco
MC	Monaco
MD	Moldova
ME	Montenegro
MF	Sint Maarten (French Part)
MG	Madagascar
MH	Marshall Islands
MK	Macedonia
ML	Mali
MM	Myanmar (Burma)
MN	Mongolia
MO	Macao
MP	Northern Mariana Islands
MQ	Martinique
MR	Mauritania
MS	Montserrat
MT	Malta
MU	Mauritius
MV	Maldives
MW	Malawi
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Namibia
NC	New Caledonia
NE	Niger
NF	Norfolk Island
NG	Nigeria
NI	Nicaragua
NL	Netherlands
NO	Norway
NP	Nepal
NR	Nauru
NT	Neutral Zone
NU	Niue

NZ	New Zealand
OM	Oman
PA	Panama
PE	Peru
PF	French Polynesia
PG	Papua New Guinea
PH	Philippines
PK	Pakistan
PL	Poland
PM	Saint Pierre & Miquelon
PN	Pitcairn
PR	Puerto Rico
PS	Palestine
PT	Portugal
PW	Palau
PY	Paraguay
QA	Qatar
RE	Reunion
RO	Romania
RS	Serbia
RU	Russia
RW	Rwanda
SA	Saudi Arabia, Kingdom of
SB	Solomon Islands
SC	Seychelles
SD	Sudan
SE	Sweden
SG	Singapore
SH	Saint Helena
SI	Slovenia
SJ	Svalbard & Jan Mayen Islands
SK	Slovak Republic
SL	Sierra Leone
SM	San Marino
SN	Senegal
SO	Somalia
SR	Surinam
SS	South Sudan
ST	Sao Tome & Principe
SV	El Salvador
SX	Sint Maarten

SY	Syria
SZ	Swaziland
TC	Turks & Caicos Islands
TD	Chad
TF	French Southern Territories
TG	Togo
TH	Thailand
TJ	Tajikistan
TK	Tokelau
TL	Timor-Leste
TM	Turkmenistan
TN	Tunisia
TO	Tonga
TP	East Timor
TR	Turkiye
TT	Trinidad & Tobago
TU	Tuvalu
TW	Taiwan
TZ	Tanzania
UA	Ukraine
UG	Uganda
UM	U.S. Minor Outlying Islands
US	United States
UY	Uruguay
UZ	Uzbekistan
VA	Vatican City State
VC	Saint Vincent & the Grenadines
VE	Venezuela
VG	Virgin Islands (British)
VI	Virgin Islands (U.S.)
VN	Vietnam
VU	Vanuatu
WF	Wallis & Futuna Islands
WS	Samoa, Western
XB	Supranational
XG	Chi-X
XH	Boat
XI	Index
XS	CEDEL\Euroclear
XV	Guernsey
XW	Scotland

XX	No country
XY	Isle of Man
XZ	Jersey
YE	Yemen
YT	Mayotte
YU	Serbia and Montenegro
ZA	South Africa
ZM	Zambia
ZR	Zaire
ZW	Zimbabwe
Z1	Asia Pacific Zone
Z2	European Zone
Z3	Americas Zone
Z4	EU Member State
Z5	EUSD Information Jurisdiction not Provided
Z6	European Stability Mechanism ESM Euro Area
ZZ	New Situation

Appendix B: Universal Pricing Exchange codes

Code	Description
???	!NA
AA1	Broker quotes, Supranational
AA2	Fund manager, Supranational
AA3	OTC, Supranational
ADR	!NA
AD1	Broker quotes, Andorra
AD2	Fund manager, Andorra
AD3	OTC, Andorra
AD4	Unlisted, Andorra
AEA	Abu Dhabi Securities Market, United Arab Emirates
AEB	Dubai Financial Market, United Arab Emirates
AEG	Dubai Gold and Commodities Exchange
AEI	Dubai International Financial Exchange, United Arab Emirates
AEM	Gulf Mercantile Exchange
AE1	Broker quotes, United Arab Emirates
AE2	Fund manager, United Arab Emirates
AE3	OTC, United Arab Emirates
AE4	Unlisted, United Arab Emirates
AF1	Broker quotes, Afghanistan

AF2	Fund manager, Afghanistan
AF3	OTC, Afghanistan
AF4	Unlisted, Afghanistan
AG1	Broker quotes, Antigua & Barbuda
AG2	Fund manager, Antigua & Barbuda
AG3	OTC, Antigua & Barbuda
AG4	Unlisted, Antigua & Barbuda
AI1	Broker quotes, Anguilla
AI2	Fund manager, Anguilla
AI3	OTC, Anguilla
AI4	Unlisted, Anguilla
ALB	Alberta Stock Exchange
ALT	Tirana Stock Exchange (TSE), Albania
AL1	Broker quotes, Albania
AL2	Fund manager, Albania
AL3	OTC, Albania
AL4	Unlisted, Albania
AMX	!NA
AMY	Yervan, Armenia
AM1	Broker quotes, Armenia
AM2	Fund manager, Armenia
AM3	OTC, Armenia
AM4	Unlisted, Armenia
AN1	Broker quotes, Netherlands Antilles
AN2	Fund manager, Netherlands Antilles
AN3	OTC, Netherlands Antilles
AN4	Unlisted, Netherlands Antilles
AOB	Angolan Stock Exchange
AO1	Broker quotes, Angola
AO2	Fund manager, Angola
AO3	OTC, Angola
AO4	Unlisted, Angola
AQ1	Broker quotes, Antarctica
AQ2	Fund manager, Antarctica
AQ3	OTC, Antarctica
AQ4	Unlisted, Antarctica
ARB	Buenos Aires, Argentina
ARR	Bolsa de Comercio de Rosario
ART	Mercado A Termino de Buenos Aires
AR1	Broker quotes, Argentina
AR2	Fund manager, Argentina

AR3	OTC, Argentina
AR4	Unlisted, Argentina
AS1	Broker quotes, American Samoa
AS2	Fund manager, American Samoa
AS3	OTC, American Samoa
AS4	Unlisted, American Samoa
ATF	Wiener Borse (formerly Austrian Futures and Options Exchange)
ATV	Vienna, Austria
AT1	Broker quotes, Austria
AT2	Fund manager, Austria
AT3	OTC, Austria
AT4	Unlisted, Austria
AUC	Australia - Cboe Australia
AUF	Sydney Futures Exchange
AUS	Australian Stock Exchange
AUY	New Castle, Australia
AU1	Broker quotes, Australia
AU2	Fund manager, Australia
AU3	OTC, Australia
AU4	Unlisted, Australia
AW1	Broker quotes, Aruba
AW2	Fund manager, Aruba
AW3	OTC, Aruba
AW4	Unlisted, Aruba
AZB	Baku Stock Exchange - Baki Fond Birjasi
BAB	Banja Luka Stock Exchange
BAS	Sarajevo Stock Exchange
BA1	Broker quotes, Bosnia & Herzegovina
BA2	Fund manager, Bosnia & Herzegovina
BA3	OTC, Bosnia & Herzegovina
BA4	Unlisted, Bosnia & Herzegovina
BBB	Bridgetown, Barbados
BB1	Broker quotes, Barbados
BB2	Fund manager, Barbados
BB3	OTC, Barbados
BB4	Unlisted, Barbados
BDD	Dacca, Bangladesh
BD1	Broker quotes, Bangladesh
BD2	Fund manager, Bangladesh
BD3	OTC, Bangladesh
BD4	Unlisted, Bangladesh

BEA	Antwerp, Belgium
BEB	Belgium, Brussels - Euronext
BEC	CRESUS, Belgium
BEL	NYSE Liffe Brussels (formerly Belgian Futures and Options Exchange)
BEO	L'Echo, Belgium
BE1	Broker quotes, Belgium
BE2	Fund manager, Belgium
BE3	OTC, Belgium
BE4	Unlisted, Belgium
BF1	Broker quotes, Burkina Faso
BF2	Fund manager, Burkina Faso
BF3	OTC, Burkina Faso
BF4	Unlisted, Burkina Faso
BGS	Bulgaria, Sofia
BG1	Broker quotes, Bulgaria
BG2	Fund manager, Bulgaria
BG3	OTC, Bulgaria
BG4	Unlisted, Sofia
BHB	Bahrain
BH1	Broker quotes, Bahrain
BH2	Fund manager, Bahrain
BH3	OTC, Bahrain
BH4	Unlisted, Bahrain
BI1	Broker quotes, Burundi
BI2	Fund manager, Burundi
BI3	OTC, Burundi
BI4	Unlisted, Burundi
BJ1	Broker quotes, Benin
BJ2	Fund manager, Benin
BJ3	OTC, Benin
BJ4	Unlisted, Benin
BL1	Broker quotes, Saint Barthelemy
BL2	Fund manager, Saint Barthelemy
BL3	OTC, Saint Barthelemy
BL4	Unlisted, Saint Barthelemy
BMH	Hamilton, Bermuda
BM1	Broker quotes, Bermuda
BM2	Fund manager, Bermuda
BM3	OTC, Bermuda
BM4	Unlisted, Bermuda
BN1	Broker quotes, Brunei

BN2	Fund manager, Brunei
BN3	OTC, Brunei
BN4	Unlisted, Brunei
BOL	La Paz, Bolivia
BOS	U.S. Composite
BO1	Broker quotes, Bolivia
BO2	Fund manager, Bolivia
BO3	OTC, Bolivia
BO4	Unlisted, Bolivia
BQ1	Broker quotes, Bonaire, Sint Eustatius, and Saba
BQ2	Fund manager, Bonaire, Sint Eustatius, and Saba
BQ3	OTC, Bonaire, Sint Eustatius, and Saba
BQ4	Unlisted, Bonaire, Sint Eustatius, and Saba
BRC	BM&FBOVESPA (formerly Bolsa de Mercadorias & Futoros)
BRE	Brazil - Cetip
BRR	Rio de Janeiro, Brazil
BRS	Sao Paulo, Brazil
BR1	Broker quotes, Brazil
BR2	Fund manager, Brazil
BR3	OTC, Brazil
BR4	Unlisted, Brazil
BSN	Nassau, Bahamas
BS1	Broker quotes, Bahamas
BS2	Fund manager, Bahamas
BS3	OTC, Bahamas
BS4	Unlisted, Bahamas
BT1	Broker quotes, Bhutan
BT2	Fund manager, Bhutan
BT3	OTC, Bhutan
BT4	Unlisted, Bhutan
BV1	Broker quotes, Bouvet Island
BV2	Fund manager, Bouvet Island
BV3	OTC, Bouvet Island
BV4	Unlisted, Bouvet Island
BWG	Gaberone, Botswana
BW1	Broker quotes, Botswana
BW2	Fund manager, Botswana
BW3	OTC, Botswana
BW4	Unlisted, Botswana
BYM	Minsk, Belarus
BY1	Broker quotes, Belarus

BY2	Fund manager, Belarus
BY3	OTC, Belarus
BY4	Unlisted, Belarus
BZX	BATS BZX Exchange
BZ1	Broker quotes, Belize
BZ2	Fund manager, Belize
BZ3	OTC, Belize
BZ4	Unlisted, Belize
CAA	Alberta Stock Exchange
CAB	Canada - Alpha Exchange
CAF	Canada - Chi-X Canada
CAG	Canada - Pure Trading
CAI	Aequitas NEO Exchange Inc.
CAM	Montreal Exchange
CAN	Canadian National Stock Exchange (CNSX), Canada
CAO	Canada - Omega ATS
CAP	ICE Futures Canada
CAR	Toronto Futures Exchange
CAT	Toronto Stock Exchange
CAV	TSX Venture Exchange
CAW	Winnipeg Commodity Exchange
CA1	Broker quotes, Canada
CA2	Fund manager, Canada
CA3	OTC, Canada
CA4	Unlisted, Canada
CC1	Broker quotes, Cocos Islands
CC2	Fund manager, Cocos Islands
CC3	OTC, Cocos Islands
CC4	Unlisted, Cocos Islands
CFE	CBOE Futures Exchange
CF1	Broker quotes, Central African Republic
CF2	Fund manager, Central African Republic
CF3	OTC, Central African Republic
CF4	Unlisted, Central African Republic
CG1	Broker quotes, Congo
CG2	Fund manager, Congo
CG3	OTC, Congo
CG4	Unlisted, Congo
CHA	Switzerland - Scoach Schweiz
CHB	Basle, Switzerland
CHE	SIX Swiss Exchange

CHG	Geneva, Switzerland
CHN	NLIF (Non-Listed Investment Fund)
CHR	Berne, Switzerland
CHS	Swiss Options and Financial Futures Exchange (SOFFEX)
CHV	SIX Swiss Exchange
CHZ	Zurich, Switzerland
CH1	Broker quotes, Switzerland
CH2	Fund manager, Switzerland
CH3	OTC, Switzerland
CH4	Unlisted, Switzerland
CI1	Broker quotes, Cote d'Ivoire
CI2	Fund manager, Cote d'Ivoire
CI3	OTC, Cote d'Ivoire
CI4	Unlisted, Cote d'Ivoire
CK1	Broker quotes, Cook Islands
CK2	Fund manager, Cook Islands
CK3	OTC, Cook Islands
CK4	Unlisted, Cook Islands
CLS	Santiago, Chile
CL1	Broker quotes, Chile
CL2	Fund manager, Chile
CL3	OTC, Chile
CL4	Unlisted, Chile
CM1	Broker quotes, Cameroon
CM2	Fund manager, Cameroon
CM3	OTC, Cameroon
CM4	Unlisted, Cameroon
CNA	China - Shanghai - Hong Kong Stock Connect (Northbound Trading Eligible)
CNB	China Foreign Exchange Trade System (CFETS)
CND	Dalian Commodity Exchange
CNF	Fujian, China
CNG	Shenzhen-Hong Kong Stock Connect (Northbound Trading)
CNH	Hainan, China
CNS	Shanghai, China
CNT	Shanghai Futures Exchange
CNX	Zhengzhou Commodity Exchange
CNZ	Shenzen, China
CN1	Broker quotes, China
CN2	Fund manager, China
CN3	OTC, China
CN4	Unlisted, China

COB	Bogota, Colombia
COM	Medellin, Colombia
COO	Occidente, Colombia
CO1	Broker quotes, Colombia
CO2	Fund manager, Colombia
CO3	OTC, Colombia
CO4	Unlisted, Colombia
CRS	San Jose, Costa Rica
CR1	Broker quotes, Costa Rica
CR2	Fund manager, Costa Rica
CR3	OTC, Costa Rica
CR4	Unlisted, Costa Rica
CU1	Broker quotes, Cuba
CU2	Fund manager, Cuba
CU3	OTC, Cuba
CU4	Unlisted, Cuba
CVB	Bolsa de Valores de Cabo Verde
CV1	Broker quotes, Cape Verde
CV2	Fund manager, Cape Verde
CV3	OTC, Cape Verde
CV4	Unlisted, Cape Verde
CW1	Broker quotes, Curacao
CW2	Fund manager, Curacao
CW3	OTC, Curacao
CW4	Unlisted, Curacao
CX1	Broker quotes, Christmas Island
CX2	Fund manager, Christmas Island
CX3	OTC, Christmas Island
CX4	Unlisted, Christmas Island
CYN	Nicosia, Cyprus
CY1	Broker quotes, Cyprus
CY2	Fund manager, Cyprus
CY3	OTC, Cyprus
CY4	Unlisted, Cyprus
CZP	Prague, Czech Republic
CZ1	Broker quotes, Czech Republic
CZ2	Fund manager, Czech Republic
CZ3	OTC, Czech Republic
CZ4	Unlisted, Czech Republic
DEB	Berlin, Germany
DED	Dusseldorf, Germany

DEE	European Energy Exchange
DEF	Frankfurt, Germany
DEG	Germany - Tradegate Exchange
DEH	Hamburg, Germany
DEI	IBIS, Germany
DEK	Risk Management Exchange
DEM	Munich, Germany
DER	Bremen, Germany
DES	Stuttgart, Germany
DET	EUREX (formerly Deutsche Terminborse)
DEV	Hanover, Germany
DEX	XETRA, Germany
DE1	Broker quotes, Germany
DE2	Fund manager, Germany
DE3	OTC, Germany
DE4	Unlisted, Germany
DJ1	Broker quotes, Djibouti
DJ2	Fund manager, Djibouti
DJ3	OTC, Djibouti
DJ4	Unlisted, Djibouti
DKA	GXG Markets
DKC	NASDAQ OMX Copenhagen
DKF	Denmark - Options & Futures
DK1	Broker quotes, Denmark
DK2	Fund manager, Denmark
DK3	OTC, Denmark
DK4	Unlisted, Denmark
DM1	Broker quotes, Dominica
DM2	Fund manager, Dominica
DM3	OTC, Dominica
DM4	Unlisted, Dominica
DO1	Broker quotes, Dominican Republic
DO2	Fund manager, Dominican Republic
DO3	OTC, Dominican Republic
DO4	Unlisted, Dominican Republic
DZA	Algiers, Algeria
DZ1	Broker quotes, Algeria
DZ2	Fund manager, Algeria
DZ3	OTC, Algeria
DZ4	Unlisted, Algeria
ECG	Guayaquil, Ecuador

ECQ	Quito, Ecuador
EC1	Broker quotes, Ecuador
EC2	Fund manager, Ecuador
EC3	OTC, Ecuador
EC4	Unlisted, Ecuador
EET	Tallin, Estonia
EE1	Broker quotes, Estonia
EE2	Fund manager, Estonia
EE3	OTC, Estonia
EE4	Unlisted, Estonia
EGC	Cairo, Egypt
EGN	Egypt - NILEX - Nile Stock Exchange
EG1	Broker quotes, Egypt
EG2	Fund manager, Egypt
EG3	OTC, Egypt
EG4	Unlisted, Egypt
EH1	Broker quotes, Western Sahara
EH2	Fund manager, Western Sahara
EH3	OTC, Western Sahara
EH4	Unlisted, Western Sahara
ER1	Broker quotes, Eritrea
ER2	Fund manager, Eritrea
ER3	OTC, Eritrea
ER4	Unlisted, Eritrea
ESB	Barcelona, Spain
ESC	SIBE - Spanish Stock Exchange Interconnection System, Spain
ESD	AIFA, Spain
ESF	Mercado EspaC1ol de Futuros Financieros
ESL	Bilbao, Spain
ESM	Madrid, Spain
ESP	Banco de Espana - Mercado de deuda publica
ESV	Valencia, Spain
ES1	Broker quotes, Spain
ES2	Fund manager, Spain
ES3	OTC, Spain
ES4	Unlisted, Spain
ETA	Addis Ababa, Ethiopia
ET1	Broker quotes, Ethiopia
ET2	Fund manager, Ethiopia
ET3	OTC, Ethiopia
ET4	Unlisted, Ethiopia

FIH	Helsinki, Finland
FIO	Finnish Options Exchange
FI1	Broker quotes, Finland
FI2	Fund manager, Finland
FI3	OTC, Finland
FI4	Unlisted, Finland
FJ1	Broker quotes, Fiji
FJ2	Fund manager, Fiji
FJ3	OTC, Fiji
FJ4	Unlisted, Fiji
FK1	Broker quotes, Falkland Islands
FK2	Fund manager, Falkland Islands
FK3	OTC, Falkland Islands
FK4	Unlisted, Falkland Islands
FM1	Broker quotes, Micronesia
FM2	Fund manager, Micronesia
FM3	OTC, Micronesia
FM4	Unlisted, Micronesia
FOR	!NA
FO1	Broker quotes, Faroe Islands
FO2	Fund manager, Faroe Islands
FO3	OTC, Faroe Islands
FO4	Unlisted, Faroe Islands
FRB	Bordeaux, France
FRC	Cote Bleu, France
FRD	France - NYSE BondMatch
FRF	NYSE Liffe Paris (formerly MATIF)
FRG	France - Trading Screen - Galaxy
FRH	Euronext Cleared Borrowing & Lending Market (CBLM)
FRL	Lille, France
FRM	Marseille, France
FRN	Nancy, France
FRP	Paris, France - Euronext
FRT	Nantes, France
FRX	Powernext
FRY	Lyon, France
FR1	Broker quotes, France
FR2	Fund manager, France
FR3	OTC, France
FR4	Unlisted, France
GA1	Broker quotes, Gabon

GA2	Fund manager, Gabon
GA3	OTC, Gabon
GA4	Unlisted, Gabon
GBA	London Bullion Market, U.K.
GBB	Barclays Capital, United Kingdom
GBC	London Cocoa Term Market Association
GBE	London Coffee Term Market Association
GBF	NYSE Euronext Liffe - London
GBG	London Grains Futures Market
GBI	Irish, United Kingdom
GBL	London, United Kingdom
GBM	NYSE Liffe London (formerly London Commodities Exchange)
GBO	London Traded Options Market
GBP	ICE Futures Europe (formerly International Petroleum Exchange of London, Ltd.)
GBQ	UK - Turquoise
GBR	London Metal Exchange
GBS	Unlisted Securities Market, United Kingdom
GBT	GEMMA, United Kingdom
GBU	United Terminal Sugar Market Assn., Ltd.
GBY	EDX London Ltd
GB1	Broker quotes, United Kingdom
GB2	Fund manager, United Kingdom
GB3	OTC, United Kingdom
GB4	Unlisted, United Kingdom
GD1	Broker quotes, Grenada
GD2	Fund manager, Grenada
GD3	OTC, Grenada
GD4	Unlisted, Grenada
GE1	Broker quotes, Georgia
GE2	Fund manager, Georgia
GE3	OTC, Georgia
GE4	Unlisted, Georgia
GF1	Broker quotes, French Guiana
GF2	Fund manager, French Guiana
GF3	OTC, French Guiana
GF4	Unlisted, French Guiana
GHA	Accra, Ghana
GH1	Broker quotes, Ghana
GH2	Fund manager, Ghana
GH3	OTC, Ghana

GH4	Unlisted, Ghana
GIG	Gibraltar Stock Exchange
GI1	Broker quotes, Gibraltar
GI2	Fund manager, Gibraltar
GI3	OTC, Gibraltar
GI4	Unlisted, Gibraltar
GL1	Broker quotes, Greenland
GL2	Fund manager, Greenland
GL3	OTC, Greenland
GL4	Unlisted, Greenland
GM1	Broker quotes, Gambia
GM2	Fund manager, Gambia
GM3	OTC, Gambia
GM4	Unlisted, Gambia
GN1	Broker quotes, Guinea
GN2	Fund manager, Guinea
GN3	OTC, Guinea
GN4	Unlisted, Guinea
GOV	!NA
GP1	Broker quotes, Guadaloupe
GP2	Fund manager, Guadaloupe
GP3	OTC, Guadaloupe
GP4	Unlisted, Guadaloupe
GQ1	Broker quotes, Equitorial Guinea
GQ2	Fund manager, Equitorial Guinea
GQ3	OTC, Equitorial Guinea
GQ4	Unlisted, Equitorial Guinea
GRA	Athens, Greece
GR1	Broker quotes, Greece
GR2	Fund manager, Greece
GR3	OTC, Greece
GR4	Unlisted, Greece
GS1	Broker quotes, South Georgia & South Sandwich
GS2	Fund manager, South Georgia & South Sandwich
GS3	OTC, South Georgia & South Sandwich
GS4	Unlisted, South Georgia & South Sandwich
GT1	Broker quotes, Guatemala
GT2	Fund manager, Guatemala
GT3	OTC, Guatemala
GT4	Unlisted, Guatemala
GU1	Broker quotes, Guam

GU2	Fund manager, Guam
GU3	OTC, Guam
GU4	Unlisted, Guam
GW1	Broker quotes, Guinea-Bissau
GW2	Fund manager, Guinea-Bissau
GW3	OTC, Guinea-Bissau
GW4	Unlisted, Guinea-Bissau
GY1	Broker quotes, Guyana
GY2	Fund manager, Guyana
GY3	OTC, Guyana
GY4	Unlisted, Guyana
HKA	Hong Kong - Shanghai - Hong Kong Stock Connect (Southbound Trading Eligible)
HKB	Shenzhen-Hong Kong Stock Connect (Southbound Trading)
HKC	Hong Kong Futures Exchange
HKH	Hong Kong
HK1	Broker quotes, Hong Kong
HK2	Fund manager, Hong Kong
HK3	OTC, Hong Kong
HK4	Unlisted, Hong Kong
HM1	Broker quotes, Heard & McDonald Islands
HM2	Fund manager, Heard & McDonald Islands
HM3	OTC, Heard & McDonald Islands
HM4	Unlisted, Heard & McDonald Islands
HNC	Bolsa Centroamericana de Valores SA, Honduras (BCV)
HN1	Broker quotes, Honduras
HN2	Fund manager, Honduras
HN3	OTC, Honduras
HN4	Unlisted, Honduras (BCV)
HRZ	Zagreb, Croatia
HR4	Unlisted, Croatia
HT1	Broker quotes, Haiti
HT2	Fund manager, Haiti
HT3	OTC, Haiti
HT4	Unlisted, Haiti
HUB	Budapest, Hungary
HU1	Broker quotes, Hungary
HU2	Fund manager, Hungary
HU3	OTC, Hungary
HU4	Unlisted, Hungary
IBQ	!NA

IDF	Jakarta Futures Exchange
IDJ	Jakarta, Indonesia
IDS	Surubaya, Indonesia
ID1	Broker quotes, Indonesia
ID2	Fund manager, Indonesia
ID3	OTC, Indonesia
ID4	Unlisted, Indonesia
IED	Dublin, Ireland
IES	Smaller Companies Market, Ireland
IET	Third Market, Ireland
IEU	Unlisted Securities, Ireland
IE1	Broker quotes, Ireland
IE2	Fund manager, Ireland
IE3	OTC, Ireland
IE4	Unlisted, Ireland
ILT	Tel Aviv, Israel
IL1	Broker quotes, Israel
IL2	Fund manager, Israel
IL3	OTC, Israel
IL4	Unlisted, Israel
INB	Bombay, India
INC	Calcutta, India
IND	Delhi, India
INE	Bombay Stock Exchange Limited (BSE) - Unofficial Indian Premium Trading Line
INF	National Commodity & Derivatives Exchange Ltd.
ING	Bangalore Stock Exchange Limited (BgSE)
INM	Madras, India
INN	National Stock Exchange of India
INS	MCX Stock Exchange Limited (MCX-SX) (MCXX)
IN1	Broker quotes, India
IN2	Fund manager, India
IN3	OTC, India
IN4	Unlisted, India
IO1	Broker quotes, British Indian Ocean Territory
IO2	Fund manager, British Indian Ocean Territory
IO3	OTC, British Indian Ocean Territory
IO4	Unlisted, British Indian Ocean Territory
IQ1	Broker quotes, Iraq
IQ2	Fund manager, Iraq
IQ3	OTC, Iraq

IQ4	Unlisted, Iraq
IRT	Tehran, Iran
IR1	Broker quotes, Ireland
IR2	Fund manager, Ireland
IR3	OTC, Ireland
IR4	Unlisted, Iran
ISR	Reykjavik, Iceland
IS1	Broker quotes, Iceland
IS2	Fund manager, Iceland
IS3	OTC, Iceland
IS4	Unlisted, Iceland
ITA	Borsa Italiana - AIM Italia
ITB	Bologna, Italy
ITC	Borsa Italiana - MTA - Italian Equities Market
ITF	Florence, Italy
ITG	Genoa, Italy
ITI	BIG (Business Information Group), Italy
ITM	Milan, Italy
ITN	Naples, Italy
ITP	Palermo, Italy
ITR	Rome, Italy
ITS	Trieste, Italy
ITT	Turin, Italy
ITU	Italian Derivatives Exchange Market (formerly Milan Futures Exchange)
ITV	Venice, Italy
ITW	Borsa Italiana - ExtraMot, Italy
ITX	Italy - EuroTLX
IT1	Broker quotes, Italy
IT2	Fund manager, Italy
IT3	OTC, Italy
IT4	Unlisted, Italy
JMK	Kingston, Jamaica
JM1	Broker quotes, Jamaica
JM2	Fund manager, Jamaica
JM3	OTC, Jamaica
JM4	Unlisted, Jamaica
JOA	Amman, Jordan
JO1	Broker quotes, Jordan
JO2	Fund manager, Jordan
JO3	OTC, Jordan
JO4	Unlisted, Jordan

JPA	Kansai Commodities Exchange
JPC	Central Japan Commodity Exchange
JPF	Fukuoka, Japan
JPG	Niigata, Japan
JPH	Hiroshima, Japan
JPI	Tokyo Int'l Financial Futures Exchange
JPJ	JASD (OTC), Japan
JPK	Kyoto, Japan
JPL	Japan - TOKYO AIM
JPN	Nagoya, Japan
JPO	Osaka Securities Exchange
JPR	Tokyo Grain Exchange, Japan
JPS	Sapporo, Japan
JPT	Tokyo Stock Exchange Group
JPU	Tokyo Futures Exchange
JPV	Tokyo Commodity Exchange Inc
JP1	Broker quotes, Japan
JP2	Fund manager, Japan
JP3	OTC, Japan
JP4	Unlisted, Japan
KEN	Nairobi, Kenya
KE1	Broker quotes, Kenya
KE2	Fund manager, Kenya
KE3	OTC, Kenya
KE4	Unlisted, Kenya
KGB	Bishek, Kyrgistan
KG1	Broker quotes, Kyrgystan
KG2	Fund manager, Kyrgystan
KG3	OTC, Kyrgystan
KG4	Unlisted, Kyrgistan
KHC	Cambodia - Cambodia Securities Market
KH1	Broker quotes, Cambodia
KH2	Fund manager, Cambodia
KH3	OTC, Cambodia
KH4	Unlisted, Cambodia
KI1	Broker quotes, Kiribati
KI2	Fund manager, Kiribati
KI3	OTC, Kiribati
KI4	Unlisted, Kiribati
KM1	Broker quotes, Comoros
KM2	Fund manager, Comoros

KM3	OTC, Comoros
KM4	Unlisted, Comoros
KN1	Broker quotes, Saint Kitts & Nevis
KN2	Fund manager, Saint Kitts & Nevis
KN3	OTC, Saint Kitts & Nevis
KN4	Unlisted, Saint Kitts & Nevis
KP1	Broker quotes, North Korea
KP2	Fund manager, North Korea
KP3	OTC, North Korea
KP4	Unlisted, North Korea
KRK	KOSDAQ, South Korea
KRS	Korean Stock Exchange
KR1	Broker quotes, South Korea
KR2	Fund manager, South Korea
KR3	OTC, South Korea
KR4	Unlisted, South Korea
KWK	Kuwait
KW1	Broker quotes, Kuwait
KW2	Fund manager, Kuwait
KW3	OTC, Kuwait
KW4	Unlisted, Kuwait
KYC	Cayman Islands, Cayman Islands
KY1	Broker quotes, Cayman Islands
KY2	Fund manager, Cayman Islands
KY3	OTC, Cayman Islands
KY4	Unlisted, Cayman Islands
KZA	Alma Ata, Kazakhstan
KZ1	Broker quotes, Kazakhstan
KZ2	Fund manager, Kazakhstan
KZ3	OTC, Kazakhstan
KZ4	Unlisted, Kazakhstan
LAL	Lao Securities Exchange
LA1	Broker quotes, Laos
LA2	Fund manager, Laos
LA3	OTC, Laos
LA4	Unlisted, Laos
LBB	Beirut, Lebanon
LB1	Broker quotes, Lebanon
LB2	Fund manager, Lebanon
LB3	OTC, Lebanon
LB4	Unlisted, Lebanon

LC1	Broker quotes, Saint Lucia
LC2	Fund manager, Saint Lucia
LC3	OTC, Saint Lucia
LC4	Unlisted, Saint Lucia
LI1	Broker quotes, Liechtenstein
LI2	Fund manager, Liechtenstein
LI3	OTC, Liechtenstein
LI4	Unlisted, Liechtenstein
LKC	Colombo, Sri Lanka
LK1	Broker quotes, Sri Lanka
LK2	Fund manager, Sri Lanka
LK3	OTC, Sri Lanka
LK4	Unlisted, Sri Lanka
LR1	Broker quotes, Liberia
LR2	Fund manager, Liberia
LR3	OTC, Liberia
LR4	Unlisted, Liberia
LS1	Broker quotes, Lesotho
LS2	Fund manager, Lesotho
LS3	OTC, Lesotho
LS4	Unlisted, Lesotho
LTV	Vilnius, Lithuania
LT1	Broker quotes, Lithuania
LT2	Fund manager, Lithuania
LT3	OTC, Lithuania
LT4	Unlisted, Lithuania
LUC	CCLUX, Luxembourg
LUL	Luxembourg
LU1	Broker quotes, Luxembourg
LU2	Fund manager, Luxembourg
LU3	OTC, Luxembourg
LU4	Unlisted, Luxembourg
LVR	Riga, Latvia
LV1	Broker quotes, Latvia
LV2	Fund manager, Latvia
LV3	OTC, Latvia
LV4	Unlisted, Latvia
LYL	Libyan Stock Market
LY1	Broker quotes, Libya
LY2	Fund manager, Libya
LY3	OTC, Libya

LY4	Unlisted, Libya
MAC	Casablanca, Morocco
MA1	Broker quotes, Morocco
MA2	Fund manager, Morocco
MA3	OTC, Morocco
MA4	Unlisted, Morocco
MC1	Broker quotes, Monaco
MC2	Fund manager, Monaco
MC3	OTC, Monaco
MC4	Unlisted, Monaco
MDK	Kishinev, Moldova
MD1	Broker quotes, Moldova
MD2	Fund manager, Moldova
MD3	OTC, Moldova
MD4	Unlisted, Moldova
MEM	Montenegro Stock Exchange
MF1	Broker quotes, Sint Maarten (French Part)
MF2	Fund manager, Sint Maarten (French Part)
MF3	OTC, Sint Maarten (French Part)
MF4	Unlisted, Sint Maarten (French Part)
MG1	Broker quotes, Madagascar
MG2	Fund manager, Madagascar
MG3	OTC, Madagascar
MG4	Unlisted, Madagascar
MH1	Broker quotes, Marshall Islands
MH2	Fund manager, Marshall Islands
MH3	OTC, Marshall Islands
MH4	Unlisted, Marshall Islands
MID	NYSE Texas
MKS	Skopje, Macedonia
MK4	Unlisted, Macedonia
ML1	Broker quotes, Mali
ML2	Fund manager, Mali
ML3	OTC, Mali
ML4	Unlisted, Mali
MMB	Yangon Stock Exchange
MM1	Broker quotes, Myanmar (Burma)
MM2	Fund manager, Myanmar (Burma)
MM3	OTC, Myanmar (Burma)
MM4	Unlisted, Myanmar (Burma)
MNU	Ulan Bator, Mongolia

MN1	Broker quotes, Mongolia
MN2	Fund manager, Mongolia
MN3	OTC, Mongolia
MN4	Unlisted, Mongolia
MON	Montreal Exchange
MO1	Broker quotes, Macau
MO2	Fund manager, Macau
MO3	OTC, Macau
MO4	Unlisted, Macau
MP1	Broker quotes, Northern Mariana Islands
MP2	Fund manager, Northern Mariana Islands
MP3	OTC, Northern Mariana Islands
MP4	Unlisted, Northern Mariana Islands
MQ1	Broker quotes, Martinique
MQ2	Fund manager, Martinique
MQ3	OTC, Martinique
MQ4	Unlisted, Martinique
MR1	Broker quotes, Mauritania
MR2	Fund manager, Mauritania
MR3	OTC, Mauritania
MR4	Unlisted, Mauritania
MST	!NA
MS1	Broker quotes, Montserrat
MS2	Fund manager, Montserrat
MS3	OTC, Montserrat
MS4	Unlisted, Montserrat
MTV	Valletta, Malta
MT1	Broker quotes, Malta
MT2	Fund manager, Malta
MT3	OTC, Malta
MT4	Unlisted, Malta
MUP	Port Louis, Mauritius
MUT	NASDAQ
MU1	Broker quotes, Mauritius
MU2	Fund manager, Mauritius
MU3	OTC, Mauritius
MU4	Unlisted, Mauritius
MV1	Broker quotes, Maldive Islands
MV2	Fund manager, Maldive Islands
MV3	OTC, Maldive Islands
MV4	Unlisted, Maldive Islands

MWL	Malawi Stock Exchange (MSE)
MW1	Broker quotes, Malawi
MW2	Fund manager, Malawi
MW3	OTC, Malawi
MW4	Unlisted, Malawi
MXF	Mercado Mexicano de Derivados
MXM	Mexico City, Mexico
MX1	Broker quotes, Mexico
MX2	Fund manager, Mexico
MX3	OTC, Mexico
MX4	Unlisted, Mexico
MYC	Kuala Lumpur Commodity Exchange
MYK	Kuala Lumpur, Malaysia
MYM	Labuan International Financial Exchange, Malaysia (LIFE)
MYO	Malaysia Derivatives Exchange
MYQ	MESDAQ, Malaysia
MY1	Broker quotes, Malaysia
MY2	Fund manager, Malaysia
MY3	OTC, Malaysia
MY4	Unlisted, Malaysia
MZM	Bolsa Valores Mozambique, Mozambique (BVM)
MZ1	Broker quotes, Mozambique
MZ2	Fund manager, Mozambique
MZ3	OTC, Mozambique
MZ4	Unlisted, Mozambique (BVM)
NAW	Windhoek, Namibia
NA1	Broker quotes, Namibia
NA2	Fund manager, Namibia
NA3	OTC, Namibia
NA4	Unlisted, Namibia
NC1	Broker quotes, New Caledonia
NC2	Fund manager, New Caledonia
NC3	OTC, New Caledonia
NC4	Unlisted, New Caledonia
NDX	!NA
NE1	Broker quotes, Niger
NE2	Fund manager, Niger
NE3	OTC, Niger
NE4	Unlisted, Niger
NF1	Broker quotes, Norfolk Island
NF2	Fund manager, Norfolk Island

NF3	OTC, Norfolk Island
NF4	Unlisted, Norfolk Island
NGL	Lagos, Nigeria
NG1	Broker quotes, Nigeria
NG2	Fund manager, Nigeria
NG3	OTC, Nigeria
NG4	Unlisted, Nigeria
NIN	Bolsa de Valores de Nicaragua, Nicaragua
NI1	Broker quotes, Nicaragua
NI2	Fund manager, Nicaragua
NI3	OTC, Nicaragua
NI4	Unlisted, Nicaragua
NLA	Amsterdam, Netherlands - Euronext
NLC	Nxchange
NLD	European Energy Derivatives Exchange N.V.
NLF	NYSE Liffe Amsterdam (formerly Amsterdam Financial Futures Exchange)
NLO	Netherlands - Euronext.LIFFE - formerly European Options Exchange
NLT	TOM MTF Derivatives (TOMD)
NL1	Broker quotes, Netherlands
NL2	Fund manager, Netherlands
NL3	OTC, Netherlands
NL4	Unlisted, Netherlands - Euronext
NMS	NASDAQ
NOO	Oslo Bors ASA
NOP	Nord Pool
NO1	Broker quotes, Norway
NO2	Fund manager, Norway
NO3	OTC, Norway
NO4	Unlisted, Norway
NP1	Broker quotes, Nepal
NP2	Fund manager, Nepal
NP3	OTC, Nepal
NP4	Unlisted, Nepal
NQB	NASDAQ
NR1	Broker quotes, Nauru
NR2	Fund manager, Nauru
NR3	OTC, Nauru
NR4	Unlisted, Nauru
NSB	!NA
NSD	NASDAQ
NT1	Broker quotes, Neutral Zone

NT2	Fund manager, Neutral Zone
NT3	OTC, Neutral Zone
NT4	Unlisted, Neutral Zone
NU1	Broker quotes, Niue
NU2	Fund manager, Niue
NU3	OTC, Niue
NU4	Unlisted, Niue
NYB	New York Bond Exchange
NYS	U.S. Composite
NZA	New Zealand Alternative Market
NZD	New Zealand Debt Market
NZF	Australian Securities Exchange (formerly New Zealand Futures Exchange)
NZN	New Zealand National Market
NZ1	Broker quotes, New Zealand
NZ2	Fund manager, New Zealand
NZ3	OTC, New Zealand
NZ4	Unlisted, New Zealand
OMM	Muscat, Oman
OM1	Broker quotes, Oman
OM2	Fund manager, Oman
OM3	OTC, Oman
OM4	Unlisted, Oman
OTC	Other OTC
PAC	U.S. Composite
PA1	Broker quotes, Panama
PA2	Fund manager, Panama
PA3	OTC, Panama
PA4	Unlisted, Panama
PEL	Lima, Peru
PE1	Broker quotes, Peru
PE2	Fund manager, Peru
PE3	OTC, Peru
PE4	Unlisted, Peru
PF1	Broker quotes, French Polynesia
PF2	Fund manager, French Polynesia
PF3	OTC, French Polynesia
PF4	Unlisted, French Polynesia
PGP	Port Moresby, Papua New Guinea
PG1	Broker quotes, Papua New Guinea
PG2	Fund manager, Papua New Guinea
PG3	OTC, Papua New Guinea

PG4	Unlisted, Papua New Guinea
PHK	Makiti, Philippines
PHL	U.S. Composite
PHM	Manila, Philippines
PHP	Philippine Dealing & Exchange Corp
PH1	Broker quotes, Philippines
PH2	Fund manager, Philippines
PH3	OTC, Philippines
PH4	Unlisted, Philippines
PKK	Karachi, Pakistan
PK1	Broker quotes, Pakistan
PK2	Fund manager, Pakistan
PK3	OTC, Pakistan
PK4	Unlisted, Pakistan
PLA	Poland - BondSpot SA
PLW	Warsaw, Poland
PL1	Broker quotes, Poland
PL2	Fund manager, Poland
PL3	OTC, Poland
PL4	Unlisted, Poland
PM1	Broker quotes, Saint Pierre & Miquelon
PM2	Fund manager, Saint Pierre & Miquelon
PM3	OTC, Saint Pierre & Miquelon
PM4	Unlisted, Saint Pierre & Miquelon
PN1	Broker quotes, Pitcairn
PN2	Fund manager, Pitcairn
PN3	OTC, Pitcairn
PN4	Unlisted, Pitcairn
PR1	Broker quotes, Puerto Rico
PR2	Fund manager, Puerto Rico
PR3	OTC, Puerto Rico
PR4	Unlisted, Puerto Rico
PTD	NYSE Liffe Lisbon (formerly Bolsa de Derivados do Porto)
PTL	Lisbon, Portugal - Euronext
PTP	Porto, Portugal
PT1	Broker quotes, Portugal
PT2	Fund manager, Portugal
PT3	OTC, Portugal
PT4	Unlisted, Portugal - Euronext
PW1	Broker quotes, Palau
PW2	Fund manager, Palau

PW3	OTC, Palau
PW4	Unlisted, Palau
PYA	Bolsa de Valores de Asuncion, Paraguay
PY1	Broker quotes, Paraguay
PY2	Fund manager, Paraguay
PY3	OTC, Paraguay
PY4	Unlisted, Paraguay
PZN	Palestine Securities Exchange
QAD	Doha, Qatar
QA1	Broker quotes, Qatar
QA2	Fund manager, Qatar
QA3	OTC, Qatar
QA4	Unlisted, Qatar
RE1	Broker quotes, Reunion
RE2	Fund manager, Reunion
RE3	OTC, Reunion
RE4	Unlisted, Reunion
ROB	Bucharest, Romania
ROQ	RASDAQ, Romania
RO1	Broker quotes, Romania
RO2	Fund manager, Romania
RO3	OTC, Romania
RO4	Unlisted, Romania
RUI	Russia MICEX (Moscow Interbank Currency Exchange)
RUM	Moscow, Russia
RUN	Novosibirsk, Russia
RUR	Moscow Exchange Classica
RUS	St. Petersburg, Russia
RUT	Moscow Exchange Classica
RUV	Vladivostok, Russia
RU1	Broker quotes, Russia
RU2	Fund manager, Russia
RU3	OTC, Russia
RU4	Unlisted, Russia
RWR	Rwanda Stock Exchange
RW1	Broker quotes, Rwanda
RW2	Fund manager, Rwanda
RW3	OTC, Rwanda
RW4	Unlisted, Rwanda
SAR	Riyadh, Saudi Arabia, Kingdom of
SA1	Broker quotes, Saudi Arabia, Kingdom of

SA2	Fund manager, Saudi Arabia, Kingdom of
SA3	OTC, Saudi Arabia, Kingdom of
SA4	Unlisted, Saudi Arabia
SB1	Broker quotes, Solomon Islands
SB2	Fund manager, Solomon Islands
SB3	OTC, Solomon Islands
SB4	Unlisted, Solomon Islands
SC1	Broker quotes, Seychelles
SC2	Fund manager, Seychelles
SC3	OTC, Seychelles
SC4	Unlisted, Seychelles
SDK	Khartoum, Sudan
SD1	Broker quotes, Sudan
SD2	Fund manager, Sudan
SD3	OTC, Sudan
SD4	Unlisted, Sudan
SEA	AktieTorget
SEB	OMFIE - Swedish Fixed Income Market
SEF	NASDAQ OMX Stockholm
SEG	Sweden - Burgundy
SES	Stockholm, Sweden
SE1	Broker quotes, Sweden
SE2	Fund manager, Sweden
SE3	OTC, Sweden
SE4	Unlisted, Sweden
SGC	Singapore Commodity Exchange
SGI	ICE Futures Singapore
SGS	Singapore Exchange (formerly SIMEX)
SGX	Singapore Int'l Monetary Market
SG1	Broker quotes, Singapore
SG2	Fund manager, Singapore
SG3	OTC, Singapore
SG4	Unlisted, Singapore
SH1	Broker quotes, Saint Helena
SH2	Fund manager, Saint Helena
SH3	OTC, Saint Helena
SH4	Unlisted, Saint Helena
SIL	Ljubijana, Slovenia
SI1	Broker quotes, Slovenia
SI2	Fund manager, Slovenia
SI3	OTC, Slovenia

SI4	Unlisted, Slovenia
SJ1	Broker quotes, Svalbard & Jan Mayan Islands
SJ2	Fund manager, Svalbard & Jan Mayan Islands
SJ3	OTC, Svalbard & Jan Mayan Islands
SJ4	Unlisted, Svalbard & Jan Mayan Islands
SKB	Bratislava, Slovak Republic
SK1	Broker quotes, Slovak Republic
SK2	Fund manager, Slovak Republic
SK3	OTC, Slovak Republic
SK4	Unlisted, Slovak Republic
SL1	Broker quotes, Sierra Leone
SL2	Fund manager, Sierra Leone
SL3	OTC, Sierra Leone
SL4	Unlisted, Sierra Leone
SM1	Broker quotes, San Marino
SM2	Fund manager, San Marino
SM3	OTC, San Marino
SM4	Unlisted, San Marino
SN1	Broker quotes, Senegal
SN2	Fund manager, Senegal
SN3	OTC, Senegal
SN4	Unlisted, Senegal
SO1	Broker quotes, Somalia
SO2	Fund manager, Somalia
SO3	OTC, Somalia
SO4	Unlisted, Somalia
SR1	Broker quotes, Surinam
SR2	Fund manager, Surinam
SR3	OTC, Surinam
SR4	Unlisted, Surinam
ST1	Broker quotes, Sao Tome & Principe
ST2	Fund manager, Sao Tome & Principe
ST3	OTC, Sao Tome & Principe
ST4	Unlisted, Sao Tome & Principe
SVE	Mercado de Valores de El Salvador SA, El Salvador
SV1	Broker quotes, El Salvador
SV2	Fund manager, El Salvador
SV3	OTC, El Salvador
SV4	Unlisted, El Salvador
SX1	Broker quotes, Sint Maarten
SX2	Fund manager, Sint Maarten

SX3	OTC, Sint Maarten
SX4	Unlisted, Sint Maarten
SY1	Broker quotes, Syria
SY2	Fund manager, Syria
SY3	OTC, Syria
SY4	Unlisted, Syria
TC1	Broker quotes, Turks & Caicos Isalands
TC2	Fund manager, Turks & Caicos Isalands
TC3	OTC, Turks & Caicos Isalands
TC4	Unlisted, Turks & Caicos Isalands
TD1	Broker quotes, Chad
TD2	Fund manager, Chad
TD3	OTC, Chad
TD4	Unlisted, Chad
TF1	Broker quotes, French Southern Territories
TF2	Fund manager, French Southern Territories
TF3	OTC, French Southern Territories
TF4	Unlisted, French Southern Territories
TG1	Broker quotes, Togo
TG2	Fund manager, Togo
TG3	OTC, Togo
TG4	Unlisted, Togo
THA	Bangkok Alien Market, Thailand
THB	Bangkok, Thailand
THE	Bond Electronic Exchange (BEX), Thailand
THF	Thailand Futures Exchange
TH1	Broker quotes, Thailand
TH2	Fund manager, Thailand
TH3	OTC, Thailand
TH4	Unlisted, Thailand
TJ1	Broker quotes, Tajikstan
TJ2	Fund manager, Tajikstan
TJ3	OTC, Tajikstan
TJ4	Unlisted, Tajikstan
TK1	Broker quotes, Tokelau
TK2	Fund manager, Tokelau
TK3	OTC, Tokelau
TK4	Unlisted, Tokelau
TM1	Broker quotes, Turkmenistan
TM2	Fund manager, Turkmenistan
TM3	OTC, Turkmenistan

TM4	Unlisted, Turkmenistan
TNT	Tunis, Tunisia
TN1	Broker quotes, Tunisia
TN2	Fund manager, Tunisia
TN3	OTC, Tunisia
TN4	Unlisted, Tunisia
TOR	Toronto Stock Exchange
TO1	Broker quotes, Tonga
TO2	Fund manager, Tonga
TO3	OTC, Tonga
TO4	Unlisted, Tonga
TP1	Broker quotes, East Timor
TP2	Fund manager, East Timor
TP3	OTC, East Timor
TP4	Unlisted, East Timor
TRD	Turkish Derivatives Exchange
TRI	Istanbul, Turkiye
TRV	BORSA Istanbul Derivatives
TR1	Broker quotes, Turkiye
TR2	Fund manager, Turkiye
TR3	OTC, Turkiye
TR4	Unlisted, Turkiye
TTP	Port of Spain, Trinidad & Tobago
TT1	Broker quotes, Trinidad & Tobago
TT2	Fund manager, Trinidad & Tobago
TT3	OTC, Trinidad & Tobago
TT4	Unlisted, Trinidad & Tobago
TU1	Broker quotes, Tuvalu
TU2	Fund manager, Tuvalu
TU3	OTC, Tuvalu
TU4	Unlisted, Tuvalu
TWF	Taiwan Futures Exchange
TWG	Taipei Exchange
TWT	Taipei, Taiwan
TW1	Broker quotes, Taiwan
TW2	Fund manager, Taiwan
TW3	OTC, Taiwan
TW4	Unlisted, Taiwan
TZD	Dar-es-Salaam Stock Exchange (DSE)
TZ1	Broker quotes, Tanzania
TZ2	Fund manager, Tanzania

TZ3	OTC, Tanzania
TZ4	Unlisted, Tanzania
UAB	Ukrainian Exchange
UAK	Kiev, Ukraine
UAU	Ukrainian Stock Exchange
UA1	Broker quotes, Ukraine
UA2	Fund manager, Ukraine
UA3	OTC, Ukraine
UA4	Unlisted, Ukraine
UGK	Uganda Securities Exchange (USE)
UG1	Broker quotes, Uganda
UG2	Fund manager, Uganda
UG3	OTC, Uganda
UG4	Unlisted, Uganda
UM1	Broker quotes, U.S. Minor Outlying Islands
UM2	Fund manager, U.S. Minor Outlying Islands
UM3	OTC, U.S. Minor Outlying Islands
UM4	Unlisted, U.S. Minor Outlying Islands
USA	NYSE American
USB	NASDAQ OMX BX
USC	U.S. Composite
USD	Mid-America Commodity Exchange
USE	Commodity Exchange Inc, New York
USF	ICE Futures U.S. (formerly New York Futures Exchange, NYCE, NYBOT)
USG	Chicago Board Options Exchange
USH	NASDAQ OMX Futures Exchange
USI	International Monetary Market at CME
USJ	New York Bond Exchange
USK	Kansas City Board of Trade
USL	Minneapolis Grain Exchange
USM	Chicago Mercantile Exchange
USN	NASDAQ
USO	ICE Futures U.S. (formerly New York Cotton Exchange, FINEX, NYBOT)
USP	NYSE Arca
USQ	Pink Sheets
USR	New Orleans Exchange
USS	ICE Futures U.S. (formerly New York Coffee Sugar and Cocoa Exchange, NYBOT)
UST	Chicago Board of Trade
USU	AMEX Commodites Exchange
USW	NASDAQ OMX PHLX

USX	U.S. Composite
USY	New York Stock Exchange
USZ	International Securities Exchange (ISE)
US1	Broker quotes, United States
US2	Fund manager, United States
US3	OTC, United States
US4	Options Composite/NBBO
US5	Other OTC
US6	NASDAQ Options Market
US7	Boston Options Exchange
US8	New York Mercantile Exchange (NYMEX)
UYB	Bolsa Electronica de Valores del Uruguay S.A.
UYM	Montevideo, Uruguay
UY1	Broker quotes, Uruguay
UY2	Fund manager, Uruguay
UY3	OTC, Uruguay
UY4	Unlisted, Uruguay
UZT	Tashkent, Uzbekistan
UZ1	Broker quotes, Uzbekistan
UZ2	Fund manager, Uzbekistan
UZ3	OTC, Uzbekistan
UZ4	Unlisted, Uzbekistan
U01	NASDAQ OMX PHLX Options
U03	USA - BATS Z Exchange (BZX)
U04	BATS Y-Exchange (BYX)
U05	BATS Options Exchange
U06	EDGA Exchange (Direct Edge)
U07	EDGX Exchange (Direct Edge)
U08	C2 Options Exchage (CBOE)
U09	One Chicago
U12	NASDAQ OMX BX Options Exchange
U13	Miami International Holdings Exchange
U14	ISE Gemini Exchange
VAN	Vancouver Stock Exchange
VA1	Broker quotes, Vatican City
VA2	Fund manager, Vatican City
VA3	OTC, Vatican City
VA4	Unlisted, Vatican City
VC1	Broker quotes, Saint Vincent & Genadines
VC2	Fund manager, Saint Vincent & Genadines
VC3	OTC, Saint Vincent & Genadines

VC4	Unlisted, Saint Vincent & Genadines
VEC	Caracas, Venzuela
VE1	Broker quotes, Venezuela
VE2	Fund manager, Venezuela
VE3	OTC, Venezuela
VE4	Unlisted, Venzuela
VG1	Broker quotes, Virgin Islands (British)
VG2	Fund manager, Virgin Islands (British)
VG3	OTC, Virgin Islands (British)
VG4	Unlisted, Virgin Islands (British)
VI1	Broker quotes, Virgin Islands (U.S.)
VI2	Fund manager, Virgin Islands (U.S.)
VI3	OTC, Virgin Islands (U.S.)
VI4	Unlisted, Virgin Islands (U.S.)
VNH	Ho Chi Minh City, Vietnam
VNT	Hanoi Securities Trading Center, Vietnam
VN1	Broker quotes, Vietnam
VN2	Fund manager, Vietnam
VN3	OTC, Vietnam
VN4	Unlisted, Vietnam
VU1	Broker quotes, Vanuatu
VU2	Fund manager, Vanuatu
VU3	OTC, Vanuatu
VU4	Unlisted, Vanuatu
WF1	Broker quotes, Wallis & Futuna Islands
WF2	Fund manager, Wallis & Futuna Islands
WF3	OTC, Wallis & Futuna Islands
WF4	Unlisted, Wallis & Futuna Islands
WS1	Broker quotes, Samoa, Western
WS2	Fund manager, Samoa, Western
WS3	OTC, Samoa, Western
WS4	Unlisted, Samoa
XRS	Exchange Rate
XVC	Channel Islands, Guernsey
XV1	Broker quotes, Guernsey
XV2	Fund manager, Guernsey
XV3	OTC, Guernsey
XV4	Unlisted, Guernsey
XW1	Broker quotes, Scotland
XW2	Fund manager, Scotland
XW3	OTC, Scotland

XW4	Unlisted, Scotland
XXB	Euro Market - Boat
XXC	IBOXX
XXD	EUREX (formerly Swiss Option and Financial Futures Exchange)
XXE	Evaluated price
XXF	Euro Market - Chi-x
XXG	Nordic Growth Market
XXH	Euromarkets - BATS Europe
XXI	Euro Market - Trax
XXK	CME Europe
XXM	Euromarkets - MTS- Czech Republic
XXN	Euro Market - NEWEX
XXQ	Euro Market - EASDAQ
XXR	Euro Market - NASDAQ - Europe
XXS	Money Markets/ Interest Rates
XXW	WAEMU - Bourse Regionale de Valeurs Mobilieres, Africa (BRVM)
XXX	Index, No country
XX1	Broker quotes, No country
XX2	Fund manager, No country
XX3	OTC, No country
XX4	Unlisted, Africa (BRVM)
XY1	Broker quotes, Isle of Man
XY2	Fund manager, Isle of Man
XY3	OTC, Isle of Man
XY4	Unlisted, Isle of Man
XZC	Channel Islands, Jersey
XZ1	Broker quotes, Jersey
XZ2	Fund manager, Jersey
XZ3	OTC, Jersey
XZ4	Unlisted, Jersey
YE1	Broker quotes, Yemen
YE2	Fund manager, Yemen
YE3	OTC, Yemen
YE4	Unlisted, Yemen
YT1	Broker quotes, Mayotte
YT2	Fund manager, Mayotte
YT3	OTC, Mayotte
YT4	Unlisted, Mayotte
YUB	Belgrade Stock Exchange (BSE)
YU1	Broker quotes, Serbia
YU2	Fund manager, Serbia

YU3	OTC, Serbia
YU4	Unlisted, Serbia
ZAD	JSE SAFEX Equity Derivatives
ZAF	JSE Securities Exchange (SAFEX), South Africa
ZAG	JSE SAFEX Agricultural Products
ZAJ	Johannesburg, South Africa
ZAY	JSE Yield X
ZA1	Broker quotes, South Africa
ZA2	Fund manager, South Africa
ZA3	OTC, South Africa
ZA4	Unlisted, South Africa
ZML	Zambia - Lusaka Stock Exchange (LuSE)
ZM1	Broker quotes, Zambia
ZM2	Fund manager, Zambia
ZM3	OTC, Zambia
ZM4	Unlisted, Zambia
ZR1	Broker quotes, Zaire
ZR2	Fund manager, Zaire
ZR3	OTC, Zaire
ZR4	Unlisted, Zaire
ZWH	Harare, Zimbabwe
ZW1	Broker quotes, Zimbabwe
ZW2	Fund manager, Zimbabwe
ZW3	OTC, Zimbabwe
ZW4	Unlisted, Zimbabwe
ZZ1	Broker quotes, New Situation
ZZ2	Fund manager, New Situation
ZZ3	OTC, New Situation

Appendix C: NAICS codes

Code	Description
11	Agriculture, Forestry, Fishing and Hunting
111	Crop Production
1111	Oilseed and Grain Farming
11111	Soybean Farming
111110	Soybean Farming
11112	Oilseed (except Soybean) Farming
111120	Oilseed (except Soybean) Farming
11113	Dry Pea and Bean Farming

111130	Dry Pea and Bean Farming
11114	Wheat Farming
111140	Wheat Farming
11115	Corn Farming
111150	Corn Farming
11116	Rice Farming
111160	Rice Farming
11119	Other Grain Farming
111191	Oilseed and Grain Combination Farming
111199	All Other Grain Farming
1112	Vegetable and Melon Farming
11121	Vegetable and Melon Farming
111211	Potato Farming
111219	Other Vegetable (except Potato) and Melon Farming
1113	Fruit and Tree Nut Farming
11131	Orange Groves
111310	Orange Groves
11132	Citrus (except Orange) Groves
111320	Citrus (except Orange) Groves
11133	Noncitrus Fruit and Tree Nut Farming
111331	Apple Orchards
111332	Grape Vineyards
111333	Strawberry Farming
111334	Berry (except Strawberry) Farming
111335	Tree Nut Farming
111336	Fruit and Tree Nut Combination Farming
111339	Other Noncitrus Fruit Farming
1114	Greenhouse, Nursery, and Floriculture Production
11141	Food Crops Grown Under Cover
111411	Mushroom Production
111419	Other Food Crops Grown Under Cover
11142	Nursery and Floriculture Production
111421	Nursery and Tree Production
111422	Floriculture Production
1119	Other Crop Farming
11191	Tobacco Farming
111910	Tobacco Farming
11192	Cotton Farming
111920	Cotton Farming
11193	Sugarcane Farming
111930	Sugarcane Farming

11194	Hay Farming
111940	Hay Farming
11199	All Other Crop Farming
111991	Sugar Beet Farming
111992	Peanut Farming
111998	All Other Miscellaneous Crop Farming
112	Animal Production and Aquaculture
1121	Cattle Ranching and Farming
11211	Beef Cattle Ranching and Farming, including Feedlots
112111	Beef Cattle Ranching and Farming
112112	Cattle Feedlots
11212	Dairy Cattle and Milk Production
112120	Dairy Cattle and Milk Production
11213	Dual-Purpose Cattle Ranching and Farming
112130	Dual-Purpose Cattle Ranching and Farming
1122	Hog and Pig Farming
11221	Hog and Pig Farming
112210	Hog and Pig Farming
1123	Poultry and Egg Production
11231	Chicken Egg Production
112310	Chicken Egg Production
11232	Broilers and Other Meat Type Chicken Production
112320	Broilers and Other Meat Type Chicken Production
11233	Turkey Production
112330	Turkey Production
11234	Poultry Hatcheries
112340	Poultry Hatcheries
11239	Other Poultry Production
112390	Other Poultry Production
1124	Sheep and Goat Farming
11241	Sheep Farming
112410	Sheep Farming
11242	Goat Farming
112420	Goat Farming
1125	Aquaculture
11251	Aquaculture
112511	Finfish Farming and Fish Hatcheries
112512	Shellfish Farming
112519	Other Aquaculture
1129	Other Animal Production
11291	Apiculture

112910	Apiculture
11292	Horses and Other Equine Production
112920	Horses and Other Equine Production
11293	Fur-Bearing Animal and Rabbit Production
112930	Fur-Bearing Animal and Rabbit Production
11299	All Other Animal Production
112990	All Other Animal Production
113	Forestry and Logging
1131	Timber Tract Operations
11311	Timber Tract Operations
113110	Timber Tract Operations
1132	Forest Nurseries and Gathering of Forest Products
11321	Forest Nurseries and Gathering of Forest Products
113210	Forest Nurseries and Gathering of Forest Products
1133	Logging
11331	Logging
113310	Logging
114	Fishing, Hunting and Trapping
1141	Fishing
11411	Fishing
114111	Finfish Fishing
114112	Shellfish Fishing
114119	Other Marine Fishing
1142	Hunting and Trapping
11421	Hunting and Trapping
114210	Hunting and Trapping
115	Support Activities for Agriculture and Forestry
1151	Support Activities for Crop Production
11511	Support Activities for Crop Production
115111	Cotton Ginning
115112	Soil Preparation, Planting, and Cultivating
115113	Crop Harvesting, Primarily by Machine
115114	Postharvest Crop Activities (except Cotton Ginning)
115115	Farm Labor Contractors and Crew Leaders
115116	Farm Management Services
1152	Support Activities for Animal Production
11521	Support Activities for Animal Production
115210	Support Activities for Animal Production
1153	Support Activities for Forestry
11531	Support Activities for Forestry
115310	Support Activities for Forestry

21	Mining, Quarrying, and Oil and Gas Extraction
211	Oil and Gas Extraction
2111	Oil and Gas Extraction
21111	Oil and Gas Extraction
211111	Crude Petroleum and Natural Gas Extraction
211112	Natural Gas Liquid Extraction
212	Mining (except Oil and Gas)
2121	Coal Mining
21211	Coal Mining
212111	Bituminous Coal and Lignite Surface Mining
212112	Bituminous Coal Underground Mining
212113	Anthracite Mining
2122	Metal Ore Mining
21221	Iron Ore Mining
212210	Iron Ore Mining
21222	Gold Ore and Silver Ore Mining
212221	Gold Ore Mining
212222	Silver Ore Mining
21223	Copper, Nickel, Lead, and Zinc Mining
212231	Lead Ore and Zinc Ore Mining
212234	Copper Ore and Nickel Ore Mining
21229	Other Metal Ore Mining
212291	Uranium-Radium-Vanadium Ore Mining
212299	All Other Metal Ore Mining
2123	Nonmetallic Mineral Mining and Quarrying
21231	Stone Mining and Quarrying
212311	Dimension Stone Mining and Quarrying
212312	Crushed and Broken Limestone Mining and Quarrying
212313	Crushed and Broken Granite Mining and Quarrying
212319	Other Crushed and Broken Stone Mining and Quarrying
21232	Sand, Gravel, Clay, and Ceramic and Refractory Minerals Mining and Quarrying
212321	Construction Sand and Gravel Mining
212322	Industrial Sand Mining
212324	Kaolin and Ball Clay Mining
212325	Clay and Ceramic and Refractory Minerals Mining
21239	Other Nonmetallic Mineral Mining and Quarrying
212391	Potash, Soda, and Borate Mineral Mining
212392	Phosphate Rock Mining
212393	Other Chemical and Fertilizer Mineral Mining
212399	All Other Nonmetallic Mineral Mining
213	Support Activities for Mining

2131	Support Activities for Mining
21311	Support Activities for Mining
213111	Drilling Oil and Gas Wells
213112	Support Activities for Oil and Gas Operations
213113	Support Activities for Coal Mining
213114	Support Activities for Metal Mining
213115	Support Activities for Nonmetallic Minerals (except Fuels) Mining
22	Utilities
221	Utilities
2211	Electric Power Generation, Transmission and Distribution
22111	Electric Power Generation
221111	Hydroelectric Power Generation
221112	Fossil Fuel Electric Power Generation
221113	Nuclear Electric Power Generation
221114	Solar Electric Power Generation
221115	Wind Electric Power Generation
221116	Geothermal Electric Power Generation
221117	Biomass Electric Power Generation
221118	Other Electric Power Generation
221119	Other Electric Power Generation
22112	Electric Power Transmission, Control, and Distribution
221121	Electric Bulk Power Transmission and Control
221122	Electric Power Distribution
2212	Natural Gas Distribution
22121	Natural Gas Distribution
221210	Natural Gas Distribution
2213	Water, Sewage and Other Systems
22131	Water Supply and Irrigation Systems
221310	Water Supply and Irrigation Systems
22132	Sewage Treatment Facilities
221320	Sewage Treatment Facilities
22133	Steam and Air-Conditioning Supply
221330	Steam and Air-Conditioning Supply
23	Construction
236	Construction of Buildings
2361	Residential Building Construction
23611	Residential Building Construction
236115	New Single-Family Housing Construction (except For-Sale Builders)
236116	New Multifamily Housing Construction (except For-Sale Builders)
236117	New Housing For-Sale Builders
236118	Residential Remodelers

2362	Nonresidential Building Construction
23621	Industrial Building Construction
236210	Industrial Building Construction
23622	Commercial and Institutional Building Construction
236220	Commercial and Institutional Building Construction
237	Heavy and Civil Engineering Construction
2371	Utility System Construction
23711	Water and Sewer Line and Related Structures Construction
237110	Water and Sewer Line and Related Structures Construction
23712	Oil and Gas Pipeline and Related Structures Construction
237120	Oil and Gas Pipeline and Related Structures Construction
23713	Power and Communication Line and Related Structures Construction
237130	Power and Communication Line and Related Structures Construction
2372	Land Subdivision
23721	Land Subdivision
237210	Land Subdivision
2373	Highway, Street, and Bridge Construction
23731	Highway, Street, and Bridge Construction
237310	Highway, Street, and Bridge Construction
2379	Other Heavy and Civil Engineering Construction
23799	Other Heavy and Civil Engineering Construction
237990	Other Heavy and Civil Engineering Construction
238	Specialty Trade Contractors
2381	Foundation, Structure, and Building Exterior Contractors
23811	Poured Concrete Foundation and Structure Contractors
238110	Poured Concrete Foundation and Structure Contractors
23812	Structural Steel and Precast Concrete Contractors
238120	Structural Steel and Precast Concrete Contractors
23813	Framing Contractors
238130	Framing Contractors
23814	Masonry Contractors
238140	Masonry Contractors
23815	Glass and Glazing Contractors
238150	Glass and Glazing Contractors
23816	Roofing Contractors
238160	Roofing Contractors
23817	Siding Contractors
238170	Siding Contractors
23819	Other Foundation, Structure, and Building Exterior Contractors
238190	Other Foundation, Structure, and Building Exterior Contractors
2382	Building Equipment Contractors

23821	Electrical Contractors and Other Wiring Installation Contractors
238210	Electrical Contractors and Other Wiring Installation Contractors
23822	Plumbing, Heating, and Air-Conditioning Contractors
238220	Plumbing, Heating, and Air-Conditioning Contractors
23829	Other Building Equipment Contractors
238290	Other Building Equipment Contractors
2383	Building Finishing Contractors
23831	Drywall and Insulation Contractors
238310	Drywall and Insulation Contractors
23832	Painting and Wall Covering Contractors
238320	Painting and Wall Covering Contractors
23833	Flooring Contractors
238330	Flooring Contractors
23834	Tile and Terrazzo Contractors
238340	Tile and Terrazzo Contractors
23835	Finish Carpentry Contractors
238350	Finish Carpentry Contractors
23839	Other Building Finishing Contractors
238390	Other Building Finishing Contractors
2389	Other Specialty Trade Contractors
23891	Site Preparation Contractors
238910	Site Preparation Contractors
23899	All Other Specialty Trade Contractors
238990	All Other Specialty Trade Contractors
31-33	Manufacturing
311	Food Manufacturing
3111	Animal Food Manufacturing
31111	Animal Food Manufacturing
311111	Dog and Cat Food Manufacturing
311119	Other Animal Food Manufacturing
3112	Grain and Oilseed Milling
31121	Flour Milling and Malt Manufacturing
311211	Flour Milling
311212	Rice Milling
311213	Malt Manufacturing
31122	Starch and Vegetable Fats and Oils Manufacturing
311221	Wet Corn Milling
311222	Soybean Processing
311223	Other Oilseed Processing
311224	Soybean and Other Oilseed Processing
311225	Fats and Oils Refining and Blending

31123	Breakfast Cereal Manufacturing
311230	Breakfast Cereal Manufacturing
3113	Sugar and Confectionery Product Manufacturing
31131	Sugar Manufacturing
311311	Sugarcane Mills
311312	Cane Sugar Refining
311313	Beet Sugar Manufacturing
311314	Cane Sugar Manufacturing
31132	Chocolate and Confectionery Manufacturing from Cacao Beans
311320	Chocolate and Confectionery Manufacturing from Cacao Beans
31133	Confectionery Manufacturing from Purchased Chocolate
311330	Confectionery Manufacturing from Purchased Chocolate
31134	Nonchocolate Confectionery Manufacturing
311340	Nonchocolate Confectionery Manufacturing
31135	Chocolate and Confectionery Manufacturing
311351	Chocolate and Confectionery Manufacturing from Cacao Beans
311352	Confectionery Manufacturing from Purchased Chocolate
3114	Fruit and Vegetable Preserving and Specialty Food Manufacturing
31141	Frozen Food Manufacturing
311411	Frozen Fruit, Juice, and Vegetable Manufacturing
311412	Frozen Specialty Food Manufacturing
31142	Fruit and Vegetable Canning, Pickling, and Drying
311421	Fruit and Vegetable Canning
311422	Specialty Canning
311423	Dried and Dehydrated Food Manufacturing
3115	Dairy Product Manufacturing
31151	Dairy Product (except Frozen) Manufacturing
311511	Fluid Milk Manufacturing
311512	Creamery Butter Manufacturing
311513	Cheese Manufacturing
311514	Dry, Condensed, and Evaporated Dairy Product Manufacturing
31152	Ice Cream and Frozen Dessert Manufacturing
311520	Ice Cream and Frozen Dessert Manufacturing
3116	Animal Slaughtering and Processing
31161	Animal Slaughtering and Processing
311611	Animal (except Poultry) Slaughtering
311612	Meat Processed from Carcasses
311613	Rendering and Meat Byproduct Processing
311615	Poultry Processing
3117	Seafood Product Preparation and Packaging
31171	Seafood Product Preparation and Packaging

311710	Seafood Product Preparation and Packaging
311711	Seafood Canning
311712	Fresh and Frozen Seafood Processing
3118	Bakeries and Tortilla Manufacturing
31181	Bread and Bakery Product Manufacturing
311811	Retail Bakeries
311812	Commercial Bakeries
311813	Frozen Cakes, Pies, and Other Pastries Manufacturing
31182	Cookie, Cracker, and Pasta Manufacturing
311821	Cookie and Cracker Manufacturing
311822	Flour Mixes and Dough Manufacturing from Purchased Flour
311823	Dry Pasta Manufacturing
311824	Dry Pasta, Dough, and Flour Mixes Manufacturing from Purchased Flour
31183	Tortilla Manufacturing
311830	Tortilla Manufacturing
3119	Other Food Manufacturing
31191	Snack Food Manufacturing
311911	Roasted Nuts and Peanut Butter Manufacturing
311919	Other Snack Food Manufacturing
31192	Coffee and Tea Manufacturing
311920	Coffee and Tea Manufacturing
31193	Flavoring Syrup and Concentrate Manufacturing
311930	Flavoring Syrup and Concentrate Manufacturing
31194	Seasoning and Dressing Manufacturing
311941	Mayonnaise, Dressing, and Other Prepared Sauce Manufacturing
311942	Spice and Extract Manufacturing
31199	All Other Food Manufacturing
311991	Perishable Prepared Food Manufacturing
311999	All Other Miscellaneous Food Manufacturing
312	Beverage and Tobacco Product Manufacturing
3121	Beverage Manufacturing
31211	Soft Drink and Ice Manufacturing
312111	Soft Drink Manufacturing
312112	Bottled Water Manufacturing
312113	Ice Manufacturing
31212	Breweries
312120	Breweries
31213	Wineries
312130	Wineries
31214	Distilleries
312140	Distilleries

3122	Tobacco Manufacturing
31221	Tobacco Stemming and Redrying
312210	Tobacco Stemming and Redrying
31222	Tobacco Product Manufacturing
312221	Cigarette Manufacturing
312229	Other Tobacco Product Manufacturing
31223	Tobacco Manufacturing
312230	Tobacco Manufacturing
313	Textile Mills
3131	Fiber, Yarn, and Thread Mills
31311	Fiber, Yarn, and Thread Mills
313110	Fiber, Yarn, and Thread Mills
313111	Yarn Spinning Mills
313112	Yarn Texturizing, Throwing, and Twisting Mills
313113	Thread Mills
3132	Fabric Mills
31321	Broadwoven Fabric Mills
313210	Broadwoven Fabric Mills
31322	Narrow Fabric Mills and Schiffli Machine Embroidery
313220	Narrow Fabric Mills and Schiffli Machine Embroidery
313221	Narrow Fabric Mills
313222	Schiffli Machine Embroidery
31323	Nonwoven Fabric Mills
313230	Nonwoven Fabric Mills
31324	Knit Fabric Mills
313240	Knit Fabric Mills
313241	Weft Knit Fabric Mills
313249	Other Knit Fabric and Lace Mills
3133	Textile and Fabric Finishing and Fabric Coating Mills
31331	Textile and Fabric Finishing Mills
313310	Textile and Fabric Finishing Mills
313311	Broadwoven Fabric Finishing Mills
313312	Textile and Fabric Finishing (except Broadwoven Fabric) Mills
31332	Fabric Coating Mills
313320	Fabric Coating Mills
314	Textile Product Mills
3141	Textile Furnishings Mills
31411	Carpet and Rug Mills
314110	Carpet and Rug Mills
31412	Curtain and Linen Mills
314120	Curtain and Linen Mills

314121	Curtain and Drapery Mills
314129	Other Household Textile Product Mills
3149	Other Textile Product Mills
31491	Textile Bag and Canvas Mills
314910	Textile Bag and Canvas Mills
314911	Textile Bag Mills
314912	Canvas and Related Product Mills
31499	All Other Textile Product Mills
314991	Rope, Cordage, and Twine Mills
314992	Tire Cord and Tire Fabric Mills
314994	Rope, Cordage, Twine, Tire Cord, and Tire Fabric Mills
314999	All Other Miscellaneous Textile Product Mills
315	Apparel Manufacturing
3151	Apparel Knitting Mills
31511	Hosiery and Sock Mills
315110	Hosiery and Sock Mills
315111	Sheer Hosiery Mills
315119	Other Hosiery and Sock Mills
31519	Other Apparel Knitting Mills
315190	Other Apparel Knitting Mills
315191	Outerwear Knitting Mills
315192	Underwear and Nightwear Knitting Mills
3152	Cut and Sew Apparel Manufacturing
31521	Cut and Sew Apparel Contractors
315210	Cut and Sew Apparel Contractors
315211	Men's and Boys' Cut and Sew Apparel Contractors
315212	Women's, Girls', and Infants' Cut and Sew Apparel Contractors
31522	Men's and Boys' Cut and Sew Apparel Manufacturing
315220	Men's and Boys' Cut and Sew Apparel Manufacturing
315221	Men's and Boys' Cut and Sew Underwear and Nightwear Manufacturing
315222	Men's and Boys' Cut and Sew Suit, Coat, and Overcoat Manufacturing
315223	Men's and Boys' Cut and Sew Shirt (except Work Shirt) Manufacturing
315224	Men's and Boys' Cut and Sew Trouser, Slack, and Jean Manufacturing
315225	Men's and Boys' Cut and Sew Work Clothing Manufacturing
315228	Men's and Boys' Cut and Sew Other Outerwear Manufacturing
31523	Women's and Girls' Cut and Sew Apparel Manufacturing
315231	Women's and Girls' Cut and Sew Lingerie, Loungewear, and Nightwear Manufacturing
315232	Women's and Girls' Cut and Sew Blouse and Shirt Manufacturing
315233	Women's and Girls' Cut and Sew Dress Manufacturing
315234	Women's and Girls' Cut and Sew Suit, Coat, Tailored Jacket, and Skirt Manufacturing

315239	Women's and Girls' Cut and Sew Other Outerwear Manufacturing
31524	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing
315240	Women's, Girls', and Infants' Cut and Sew Apparel Manufacturing
31528	Other Cut and Sew Apparel Manufacturing
315280	Other Cut and Sew Apparel Manufacturing
31529	Other Cut and Sew Apparel Manufacturing
315291	Infants' Cut and Sew Apparel Manufacturing
315292	Fur and Leather Apparel Manufacturing
315299	All Other Cut and Sew Apparel Manufacturing
3159	Apparel Accessories and Other Apparel Manufacturing
31599	Apparel Accessories and Other Apparel Manufacturing
315990	Apparel Accessories and Other Apparel Manufacturing
315991	Hat, Cap, and Millinery Manufacturing
315992	Glove and Mitten Manufacturing
315993	Men's and Boys' Neckwear Manufacturing
315999	Other Apparel Accessories and Other Apparel Manufacturing
316	Leather and Allied Product Manufacturing
3161	Leather and Hide Tanning and Finishing
31611	Leather and Hide Tanning and Finishing
316110	Leather and Hide Tanning and Finishing
3162	Footwear Manufacturing
31621	Footwear Manufacturing
316210	Footwear Manufacturing
316211	Rubber and Plastics Footwear Manufacturing
316212	House Slipper Manufacturing
316213	Men's Footwear (except Athletic) Manufacturing
316214	Women's Footwear (except Athletic) Manufacturing
316219	Other Footwear Manufacturing
3169	Other Leather and Allied Product Manufacturing
31699	Other Leather and Allied Product Manufacturing
316991	Luggage Manufacturing
316992	Women's Handbag and Purse Manufacturing
316993	Personal Leather Good (except Women's Handbag and Purse) Manufacturing
316998	All Other Leather Good and Allied Product Manufacturing
316999	All Other Leather Good and Allied Product Manufacturing
321	Wood Product Manufacturing
3211	Sawmills and Wood Preservation
32111	Sawmills and Wood Preservation
321113	Sawmills
321114	Wood Preservation
3212	Veneer, Plywood, and Engineered Wood Product Manufacturing

32121	Veneer, Plywood, and Engineered Wood Product Manufacturing
321211	Hardwood Veneer and Plywood Manufacturing
321212	Softwood Veneer and Plywood Manufacturing
321213	Engineered Wood Member (except Truss) Manufacturing
321214	Truss Manufacturing
321219	Reconstituted Wood Product Manufacturing
3219	Other Wood Product Manufacturing
32191	Millwork
321911	Wood Window and Door Manufacturing
321912	Cut Stock, Resawing Lumber, and Planing
321918	Other Millwork (including Flooring)
32192	Wood Container and Pallet Manufacturing
321920	Wood Container and Pallet Manufacturing
32199	All Other Wood Product Manufacturing
321991	Manufactured Home (Mobile Home) Manufacturing
321992	Prefabricated Wood Building Manufacturing
321999	All Other Miscellaneous Wood Product Manufacturing
322	Paper Manufacturing
3221	Pulp, Paper, and Paperboard Mills
32211	Pulp Mills
322110	Pulp Mills
32212	Paper Mills
322121	Paper (except Newsprint) Mills
322122	Newsprint Mills
32213	Paperboard Mills
322130	Paperboard Mills
3222	Converted Paper Product Manufacturing
32221	Paperboard Container Manufacturing
322211	Corrugated and Solid Fiber Box Manufacturing
322212	Folding Paperboard Box Manufacturing
322213	Setup Paperboard Box Manufacturing
322214	Fiber Can, Tube, Drum, and Similar Products Manufacturing
322215	Nonfolding Sanitary Food Container Manufacturing
322219	Other Paperboard Container Manufacturing
32222	Paper Bag and Coated and Treated Paper Manufacturing
322220	Paper Bag and Coated and Treated Paper Manufacturing
322221	Coated and Laminated Packaging Paper Manufacturing
322222	Coated and Laminated Paper Manufacturing
322223	Coated Paper Bag and Pouch Manufacturing
322224	Uncoated Paper and Multiwall Bag Manufacturing
322225	Laminated Aluminum Foil Manufacturing for Flexible Packaging Uses

322226	Surface-Coated Paperboard Manufacturing
32223	Stationery Product Manufacturing
322230	Stationery Product Manufacturing
322231	Die-Cut Paper and Paperboard Office Supplies Manufacturing
322232	Envelope Manufacturing
322233	Stationery, Tablet, and Related Product Manufacturing
32229	Other Converted Paper Product Manufacturing
322291	Sanitary Paper Product Manufacturing
322299	All Other Converted Paper Product Manufacturing
323	Printing and Related Support Activities
3231	Printing and Related Support Activities
32311	Printing
323110	Commercial Lithographic Printing
323111	Commercial Printing (except Screen and Books)
323112	Commercial Flexographic Printing
323113	Commercial Screen Printing
323114	Quick Printing
323115	Digital Printing
323116	Manifold Business Forms Printing
323117	Books Printing
323118	Blankbook, Looseleaf Binders, and Devices Manufacturing
323119	Other Commercial Printing
32312	Support Activities for Printing
323120	Support Activities for Printing
323121	Tradebinding and Related Work
323122	Prepress Services
324	Petroleum and Coal Products Manufacturing
3241	Petroleum and Coal Products Manufacturing
32411	Petroleum Refineries
324110	Petroleum Refineries
32412	Asphalt Paving, Roofing, and Saturated Materials Manufacturing
324121	Asphalt Paving Mixture and Block Manufacturing
324122	Asphalt Shingle and Coating Materials Manufacturing
32419	Other Petroleum and Coal Products Manufacturing
324191	Petroleum Lubricating Oil and Grease Manufacturing
324199	All Other Petroleum and Coal Products Manufacturing
325	Chemical Manufacturing
3251	Basic Chemical Manufacturing
32511	Petrochemical Manufacturing
325110	Petrochemical Manufacturing
32512	Industrial Gas Manufacturing

325120	Industrial Gas Manufacturing
32513	Synthetic Dye and Pigment Manufacturing
325130	Synthetic Dye and Pigment Manufacturing
325131	Inorganic Dye and Pigment Manufacturing
325132	Synthetic Organic Dye and Pigment Manufacturing
32518	Other Basic Inorganic Chemical Manufacturing
325180	Other Basic Inorganic Chemical Manufacturing
325181	Alkalies and Chlorine Manufacturing
325182	Carbon Black Manufacturing
325188	All Other Basic Inorganic Chemical Manufacturing
32519	Other Basic Organic Chemical Manufacturing
325191	Gum and Wood Chemical Manufacturing
325192	Cyclic Crude and Intermediate Manufacturing
325193	Ethyl Alcohol Manufacturing
325194	Cyclic Crude, Intermediate, and Gum and Wood Chemical Manufacturing
325199	All Other Basic Organic Chemical Manufacturing
3252	Resin, Synthetic Rubber, and Artificial Synthetic Fibers and Filaments Manufacturing
32521	Resin and Synthetic Rubber Manufacturing
325211	Plastics Material and Resin Manufacturing
325212	Synthetic Rubber Manufacturing
32522	Artificial and Synthetic Fibers and Filaments Manufacturing
325220	Artificial and Synthetic Fibers and Filaments Manufacturing
325221	Cellulosic Organic Fiber Manufacturing
325222	Noncellulosic Organic Fiber Manufacturing
3253	Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing
32531	Fertilizer Manufacturing
325311	Nitrogenous Fertilizer Manufacturing
325312	Phosphatic Fertilizer Manufacturing
325314	Fertilizer (Mixing Only) Manufacturing
32532	Pesticide and Other Agricultural Chemical Manufacturing
325320	Pesticide and Other Agricultural Chemical Manufacturing
3254	Pharmaceutical and Medicine Manufacturing
32541	Pharmaceutical and Medicine Manufacturing
325411	Medicinal and Botanical Manufacturing
325412	Pharmaceutical Preparation Manufacturing
325413	In-Vitro Diagnostic Substance Manufacturing
325414	Biological Product (except Diagnostic) Manufacturing
3255	Paint, Coating, and Adhesive Manufacturing
32551	Paint and Coating Manufacturing
325510	Paint and Coating Manufacturing
32552	Adhesive Manufacturing

325520	Adhesive Manufacturing
3256	Soap, Cleaning Compound, and Toilet Preparation Manufacturing
32561	Soap and Cleaning Compound Manufacturing
325611	Soap and Other Detergent Manufacturing
325612	Polish and Other Sanitation Good Manufacturing
325613	Surface Active Agent Manufacturing
32562	Toilet Preparation Manufacturing
325620	Toilet Preparation Manufacturing
3259	Other Chemical Product and Preparation Manufacturing
32591	Printing Ink Manufacturing
325910	Printing Ink Manufacturing
32592	Explosives Manufacturing
325920	Explosives Manufacturing
32599	All Other Chemical Product and Preparation Manufacturing
325991	Custom Compounding of Purchased Resins
325992	Photographic Film, Paper, Plate, and Chemical Manufacturing
325998	All Other Miscellaneous Chemical Product and Preparation Manufacturing
326	Plastics and Rubber Products Manufacturing
3261	Plastics Product Manufacturing
32611	Plastics Packaging Materials and Unlaminated Film and Sheet Manufacturing
326111	Plastics Bag and Pouch Manufacturing
326112	Plastics Packaging Film and Sheet (including Laminated) Manufacturing
326113	Unlaminated Plastics Film and Sheet (except Packaging) Manufacturing
32612	Plastics Pipe, Pipe Fitting, and Unlaminated Profile Shape Manufacturing
326121	Unlaminated Plastics Profile Shape Manufacturing
326122	Plastics Pipe and Pipe Fitting Manufacturing
32613	Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing
326130	Laminated Plastics Plate, Sheet (except Packaging), and Shape Manufacturing
32614	Polystyrene Foam Product Manufacturing
326140	Polystyrene Foam Product Manufacturing
32615	Urethane and Other Foam Product (except Polystyrene) Manufacturing
326150	Urethane and Other Foam Product (except Polystyrene) Manufacturing
32616	Plastics Bottle Manufacturing
326160	Plastics Bottle Manufacturing
32619	Other Plastics Product Manufacturing
326191	Plastics Plumbing Fixture Manufacturing
326192	Resilient Floor Covering Manufacturing
326199	All Other Plastics Product Manufacturing
3262	Rubber Product Manufacturing
32621	Tire Manufacturing
326211	Tire Manufacturing (except Retreading)

326212	Tire Retreading
32622	Rubber and Plastics Hoses and Belting Manufacturing
326220	Rubber and Plastics Hoses and Belting Manufacturing
32629	Other Rubber Product Manufacturing
326291	Rubber Product Manufacturing for Mechanical Use
326299	All Other Rubber Product Manufacturing
327	Nonmetallic Mineral Product Manufacturing
3271	Clay Product and Refractory Manufacturing
32711	Pottery, Ceramics, and Plumbing Fixture Manufacturing
327110	Pottery, Ceramics, and Plumbing Fixture Manufacturing
327111	Vitreous China Plumbing Fixture and China and Earthenware Bathroom Accessories Manufacturing
327112	Vitreous China, Fine Earthenware, and Other Pottery Product Manufacturing
327113	Porcelain Electrical Supply Manufacturing
32712	Clay Building Material and Refractories Manufacturing
327120	Clay Building Material and Refractories Manufacturing
327121	Brick and Structural Clay Tile Manufacturing
327122	Ceramic Wall and Floor Tile Manufacturing
327123	Other Structural Clay Product Manufacturing
327124	Clay Refractory Manufacturing
327125	Nonclay Refractory Manufacturing
3272	Glass and Glass Product Manufacturing
32721	Glass and Glass Product Manufacturing
327211	Flat Glass Manufacturing
327212	Other Pressed and Blown Glass and Glassware Manufacturing
327213	Glass Container Manufacturing
327215	Glass Product Manufacturing Made of Purchased Glass
3273	Cement and Concrete Product Manufacturing
32731	Cement Manufacturing
327310	Cement Manufacturing
32732	Ready-Mix Concrete Manufacturing
327320	Ready-Mix Concrete Manufacturing
32733	Concrete Pipe, Brick, and Block Manufacturing
327331	Concrete Block and Brick Manufacturing
327332	Concrete Pipe Manufacturing
32739	Other Concrete Product Manufacturing
327390	Other Concrete Product Manufacturing
3274	Lime and Gypsum Product Manufacturing
32741	Lime Manufacturing
327410	Lime Manufacturing
32742	Gypsum Product Manufacturing

327420	Gypsum Product Manufacturing
3279	Other Nonmetallic Mineral Product Manufacturing
32791	Abrasive Product Manufacturing
327910	Abrasive Product Manufacturing
32799	All Other Nonmetallic Mineral Product Manufacturing
327991	Cut Stone and Stone Product Manufacturing
327992	Ground or Treated Mineral and Earth Manufacturing
327993	Mineral Wool Manufacturing
327999	All Other Miscellaneous Nonmetallic Mineral Product Manufacturing
331	Primary Metal Manufacturing
3311	Iron and Steel Mills and Ferroalloy Manufacturing
33111	Iron and Steel Mills and Ferroalloy Manufacturing
331110	Iron and Steel Mills and Ferroalloy Manufacturing
331111	Iron and Steel Mills
331112	Electrometallurgical Ferroalloy Product Manufacturing
3312	Steel Product Manufacturing from Purchased Steel
33121	Iron and Steel Pipe and Tube Manufacturing from Purchased Steel
331210	Iron and Steel Pipe and Tube Manufacturing from Purchased Steel
33122	Rolling and Drawing of Purchased Steel
331221	Rolled Steel Shape Manufacturing
331222	Steel Wire Drawing
3313	Alumina and Aluminum Production and Processing
33131	Alumina and Aluminum Production and Processing
331311	Alumina Refining
331312	Primary Aluminum Production
331313	Alumina Refining and Primary Aluminum Production
331314	Secondary Smelting and Alloying of Aluminum
331315	Aluminum Sheet, Plate, and Foil Manufacturing
331316	Aluminum Extruded Product Manufacturing
331318	Other Aluminum Rolling, Drawing, and Extruding
331319	Other Aluminum Rolling and Drawing
3314	Nonferrous Metal (except Aluminum) Production and Processing
33141	Nonferrous Metal (except Aluminum) Smelting and Refining
331410	Nonferrous Metal (except Aluminum) Smelting and Refining
331411	Primary Smelting and Refining of Copper
331419	Primary Smelting and Refining of Nonferrous Metal (except Copper and Aluminum)
33142	Copper Rolling, Drawing, Extruding, and Alloying
331420	Copper Rolling, Drawing, Extruding, and Alloying
331421	Copper Rolling, Drawing, and Extruding
331422	Copper Wire (except Mechanical) Drawing
331423	Secondary Smelting, Refining, and Alloying of Copper

33149	Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, Extruding, and Alloying
331491	Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing, and Extruding
331492	Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
3315	Foundries
33151	Ferrous Metal Foundries
331511	Iron Foundries
331512	Steel Investment Foundries
331513	Steel Foundries (except Investment)
33152	Nonferrous Metal Foundries
331521	Aluminum Die-Casting Foundries
331522	Nonferrous (except Aluminum) Die-Casting Foundries
331523	Nonferrous Metal Die-Casting Foundries
331524	Aluminum Foundries (except Die-Casting)
331525	Copper Foundries (except Die-Casting)
331528	Other Nonferrous Foundries (except Die-Casting)
331529	Other Nonferrous Metal Foundries (except Die-Casting)
332	Fabricated Metal Product Manufacturing
3321	Forging and Stamping
33211	Forging and Stamping
332111	Iron and Steel Forging
332112	Nonferrous Forging
332114	Custom Roll Forming
332115	Crown and Closure Manufacturing
332116	Metal Stamping
332117	Powder Metallurgy Part Manufacturing
332119	Metal Crown, Closure, and Other Metal Stamping (except Automotive)
3322	Cutlery and Handtool Manufacturing
33221	Cutlery and Handtool Manufacturing
332211	Cutlery and Flatware (except Precious) Manufacturing
332212	Hand and Edge Tool Manufacturing
332213	Saw Blade and Handsaw Manufacturing
332214	Kitchen Utensil, Pot, and Pan Manufacturing
332215	Metal Kitchen Cookware, Utensil, Cutlery, and Flatware (except Precious) Manufacturing
332216	Saw Blade and Handtool Manufacturing
3323	Architectural and Structural Metals Manufacturing
33231	Plate Work and Fabricated Structural Product Manufacturing
332311	Prefabricated Metal Building and Component Manufacturing
332312	Fabricated Structural Metal Manufacturing
332313	Plate Work Manufacturing
33232	Ornamental and Architectural Metal Products Manufacturing

332321	Metal Window and Door Manufacturing
332322	Sheet Metal Work Manufacturing
332323	Ornamental and Architectural Metal Work Manufacturing
3324	Boiler, Tank, and Shipping Container Manufacturing
33241	Power Boiler and Heat Exchanger Manufacturing
332410	Power Boiler and Heat Exchanger Manufacturing
33242	Metal Tank (Heavy Gauge) Manufacturing
332420	Metal Tank (Heavy Gauge) Manufacturing
33243	Metal Can, Box, and Other Metal Container (Light Gauge) Manufacturing
332431	Metal Can Manufacturing
332439	Other Metal Container Manufacturing
3325	Hardware Manufacturing
33251	Hardware Manufacturing
332510	Hardware Manufacturing
3326	Spring and Wire Product Manufacturing
33261	Spring and Wire Product Manufacturing
332611	Spring (Heavy Gauge) Manufacturing
332612	Spring (Light Gauge) Manufacturing
332613	Spring Manufacturing
332618	Other Fabricated Wire Product Manufacturing
3327	Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing
33271	Machine Shops
332710	Machine Shops
33272	Turned Product and Screw, Nut, and Bolt Manufacturing
332721	Precision Turned Product Manufacturing
332722	Bolt, Nut, Screw, Rivet, and Washer Manufacturing
3328	Coating, Engraving, Heat Treating, and Allied Activities
33281	Coating, Engraving, Heat Treating, and Allied Activities
332811	Metal Heat Treating
332812	Metal Coating, Engraving (except Jewelry and Silverware), and Allied Services to Manufacturers
332813	Electroplating, Plating, Polishing, Anodizing, and Coloring
3329	Other Fabricated Metal Product Manufacturing
33291	Metal Valve Manufacturing
332911	Industrial Valve Manufacturing
332912	Fluid Power Valve and Hose Fitting Manufacturing
332913	Plumbing Fixture Fitting and Trim Manufacturing
332919	Other Metal Valve and Pipe Fitting Manufacturing
33299	All Other Fabricated Metal Product Manufacturing
332991	Ball and Roller Bearing Manufacturing
332992	Small Arms Ammunition Manufacturing

332993	Ammunition (except Small Arms) Manufacturing
332994	Small Arms, Ordnance, and Ordnance Accessories Manufacturing
332995	Other Ordnance and Accessories Manufacturing
332996	Fabricated Pipe and Pipe Fitting Manufacturing
332997	Industrial Pattern Manufacturing
332998	Enameled Iron and Metal Sanitary Ware Manufacturing
332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
333	Machinery Manufacturing
3331	Agriculture, Construction, and Mining Machinery Manufacturing
33311	Agricultural Implement Manufacturing
333111	Farm Machinery and Equipment Manufacturing
333112	Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing
33312	Construction Machinery Manufacturing
333120	Construction Machinery Manufacturing
33313	Mining and Oil and Gas Field Machinery Manufacturing
333131	Mining Machinery and Equipment Manufacturing
333132	Oil and Gas Field Machinery and Equipment Manufacturing
3332	Industrial Machinery Manufacturing
33321	Sawmill and Woodworking Machinery Manufacturing
333210	Sawmill and Woodworking Machinery Manufacturing
33322	Plastics and Rubber Industry Machinery Manufacturing
333220	Plastics and Rubber Industry Machinery Manufacturing
33324	Industrial Machinery Manufacturing
333241	Food Product Machinery Manufacturing
333242	Semiconductor Machinery Manufacturing
333243	Sawmill, Woodworking, and Paper Machinery Manufacturing
333244	Printing Machinery and Equipment Manufacturing
333249	Other Industrial Machinery Manufacturing
33329	Other Industrial Machinery Manufacturing
333291	Paper Industry Machinery Manufacturing
333292	Textile Machinery Manufacturing
333293	Printing Machinery and Equipment Manufacturing
333294	Food Product Machinery Manufacturing
333298	All Other Industrial Machinery Manufacturing
3333	Commercial and Service Industry Machinery Manufacturing
33331	Commercial and Service Industry Machinery Manufacturing
333311	Automatic Vending Machine Manufacturing
333312	Commercial Laundry, Drycleaning, and Pressing Machine Manufacturing
333313	Office Machinery Manufacturing
333314	Optical Instrument and Lens Manufacturing
333315	Photographic and Photocopying Equipment Manufacturing

333316	Photographic and Photocopying Equipment Manufacturing
333318	Other Commercial and Service Industry Machinery Manufacturing
333319	Other Commercial and Service Industry Machinery Manufacturing
3334	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing
33341	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing
333411	Air Purification Equipment Manufacturing
333412	Industrial and Commercial Fan and Blower Manufacturing
333413	Industrial and Commercial Fan and Blower and Air Purification Equipment Manufacturing
333414	Heating Equipment (except Warm Air Furnaces) Manufacturing
333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
3335	Metalworking Machinery Manufacturing
33351	Metalworking Machinery Manufacturing
333511	Industrial Mold Manufacturing
333512	Machine Tool (Metal Cutting Types) Manufacturing
333513	Machine Tool (Metal Forming Types) Manufacturing
333514	Special Die and Tool, Die Set, Jig, and Fixture Manufacturing
333515	Cutting Tool and Machine Tool Accessory Manufacturing
333516	Rolling Mill Machinery and Equipment Manufacturing
333517	Machine Tool Manufacturing
333518	Other Metalworking Machinery Manufacturing
333519	Rolling Mill and Other Metalworking Machinery Manufacturing
3336	Engine, Turbine, and Power Transmission Equipment Manufacturing
33361	Engine, Turbine, and Power Transmission Equipment Manufacturing
333611	Turbine and Turbine Generator Set Units Manufacturing
333612	Speed Changer, Industrial High-Speed Drive, and Gear Manufacturing
333613	Mechanical Power Transmission Equipment Manufacturing
333618	Other Engine Equipment Manufacturing
3339	Other General Purpose Machinery Manufacturing
33391	Pump and Compressor Manufacturing
333911	Pump and Pumping Equipment Manufacturing
333912	Air and Gas Compressor Manufacturing
333913	Measuring and Dispensing Pump Manufacturing
33392	Material Handling Equipment Manufacturing
333921	Elevator and Moving Stairway Manufacturing
333922	Conveyor and Conveying Equipment Manufacturing
333923	Overhead Traveling Crane, Hoist, and Monorail System Manufacturing
333924	Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing
33399	All Other General Purpose Machinery Manufacturing
333991	Power-Driven Handtool Manufacturing

333992	Welding and Soldering Equipment Manufacturing
333993	Packaging Machinery Manufacturing
333994	Industrial Process Furnace and Oven Manufacturing
333995	Fluid Power Cylinder and Actuator Manufacturing
333996	Fluid Power Pump and Motor Manufacturing
333997	Scale and Balance Manufacturing
333999	All Other Miscellaneous General Purpose Machinery Manufacturing
334	Computer and Electronic Product Manufacturing
3341	Computer and Peripheral Equipment Manufacturing
33411	Computer and Peripheral Equipment Manufacturing
334111	Electronic Computer Manufacturing
334112	Computer Storage Device Manufacturing
334113	Computer Terminal Manufacturing
334118	Computer Terminal and Other Computer Peripheral Equipment Manufacturing
334119	Other Computer Peripheral Equipment Manufacturing
3342	Communications Equipment Manufacturing
33421	Telephone Apparatus Manufacturing
334210	Telephone Apparatus Manufacturing
33422	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing
33429	Other Communications Equipment Manufacturing
334290	Other Communications Equipment Manufacturing
3343	Audio and Video Equipment Manufacturing
33431	Audio and Video Equipment Manufacturing
334310	Audio and Video Equipment Manufacturing
3344	Semiconductor and Other Electronic Component Manufacturing
33441	Semiconductor and Other Electronic Component Manufacturing
334411	Electron Tube Manufacturing
334412	Bare Printed Circuit Board Manufacturing
334413	Semiconductor and Related Device Manufacturing
334414	Electronic Capacitor Manufacturing
334415	Electronic Resistor Manufacturing
334416	Capacitor, Resistor, Coil, Transformer, and Other Inductor Manufacturing
334417	Electronic Connector Manufacturing
334418	Printed Circuit Assembly (Electronic Assembly) Manufacturing
334419	Other Electronic Component Manufacturing
3345	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing
33451	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing
334510	Electromedical and Electrotherapeutic Apparatus Manufacturing
334511	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing

334512	Automatic Environmental Control Manufacturing for Residential, Commercial, and Appliance Use
334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables
334514	Totalizing Fluid Meter and Counting Device Manufacturing
334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals
334516	Analytical Laboratory Instrument Manufacturing
334517	Irradiation Apparatus Manufacturing
334518	Watch, Clock, and Part Manufacturing
334519	Other Measuring and Controlling Device Manufacturing
3346	Manufacturing and Reproducing Magnetic and Optical Media
33461	Manufacturing and Reproducing Magnetic and Optical Media
334611	Software Reproducing
334612	Prerecorded Compact Disc (except Software), Tape, and Record Reproducing
334613	Blank Magnetic and Optical Recording Media Manufacturing
334614	Software and Other Prerecorded Compact Disc, Tape, and Record Reproducing
335	Electrical Equipment, Appliance, and Component Manufacturing
3351	Electric Lighting Equipment Manufacturing
33511	Electric Lamp Bulb and Part Manufacturing
335110	Electric Lamp Bulb and Part Manufacturing
33512	Lighting Fixture Manufacturing
335121	Residential Electric Lighting Fixture Manufacturing
335122	Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing
335129	Other Lighting Equipment Manufacturing
3352	Household Appliance Manufacturing
33521	Small Electrical Appliance Manufacturing
335210	Small Electrical Appliance Manufacturing
335211	Electric Housewares and Household Fan Manufacturing
335212	Household Vacuum Cleaner Manufacturing
33522	Major Appliance Manufacturing
335221	Household Cooking Appliance Manufacturing
335222	Household Refrigerator and Home Freezer Manufacturing
335224	Household Laundry Equipment Manufacturing
335228	Other Major Household Appliance Manufacturing
3353	Electrical Equipment Manufacturing
33531	Electrical Equipment Manufacturing
335311	Power, Distribution, and Specialty Transformer Manufacturing
335312	Motor and Generator Manufacturing
335313	Switchgear and Switchboard Apparatus Manufacturing
335314	Relay and Industrial Control Manufacturing
3359	Other Electrical Equipment and Component Manufacturing
33591	Battery Manufacturing

335911	Storage Battery Manufacturing
335912	Primary Battery Manufacturing
33592	Communication and Energy Wire and Cable Manufacturing
335921	Fiber Optic Cable Manufacturing
335929	Other Communication and Energy Wire Manufacturing
33593	Wiring Device Manufacturing
335931	Current-Carrying Wiring Device Manufacturing
335932	Noncurrent-Carrying Wiring Device Manufacturing
33599	All Other Electrical Equipment and Component Manufacturing
335991	Carbon and Graphite Product Manufacturing
335999	All Other Miscellaneous Electrical Equipment and Component Manufacturing
336	Transportation Equipment Manufacturing
3361	Motor Vehicle Manufacturing
33611	Automobile and Light Duty Motor Vehicle Manufacturing
336111	Automobile Manufacturing
336112	Light Truck and Utility Vehicle Manufacturing
33612	Heavy Duty Truck Manufacturing
336120	Heavy Duty Truck Manufacturing
3362	Motor Vehicle Body and Trailer Manufacturing
33621	Motor Vehicle Body and Trailer Manufacturing
336211	Motor Vehicle Body Manufacturing
336212	Truck Trailer Manufacturing
336213	Motor Home Manufacturing
336214	Travel Trailer and Camper Manufacturing
3363	Motor Vehicle Parts Manufacturing
33631	Motor Vehicle Gasoline Engine and Engine Parts Manufacturing
336310	Motor Vehicle Gasoline Engine and Engine Parts Manufacturing
336311	Carburetor, Piston, Piston Ring, and Valve Manufacturing
336312	Gasoline Engine and Engine Parts Manufacturing
33632	Motor Vehicle Electrical and Electronic Equipment Manufacturing
336320	Motor Vehicle Electrical and Electronic Equipment Manufacturing
336321	Vehicular Lighting Equipment Manufacturing
336322	Other Motor Vehicle Electrical and Electronic Equipment Manufacturing
33633	Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing
336330	Motor Vehicle Steering and Suspension Components (except Spring) Manufacturing
33634	Motor Vehicle Brake System Manufacturing
336340	Motor Vehicle Brake System Manufacturing
33635	Motor Vehicle Transmission and Power Train Parts Manufacturing
336350	Motor Vehicle Transmission and Power Train Parts Manufacturing
33636	Motor Vehicle Seating and Interior Trim Manufacturing
336360	Motor Vehicle Seating and Interior Trim Manufacturing

33637	Motor Vehicle Metal Stamping
336370	Motor Vehicle Metal Stamping
33639	Other Motor Vehicle Parts Manufacturing
336390	Other Motor Vehicle Parts Manufacturing
336391	Motor Vehicle Air-Conditioning Manufacturing
336399	All Other Motor Vehicle Parts Manufacturing
3364	Aerospace Product and Parts Manufacturing
33641	Aerospace Product and Parts Manufacturing
336411	Aircraft Manufacturing
336412	Aircraft Engine and Engine Parts Manufacturing
336413	Other Aircraft Parts and Auxiliary Equipment Manufacturing
336414	Guided Missile and Space Vehicle Manufacturing
336415	Guided Missile and Space Vehicle Propulsion Unit and Propulsion Unit Parts Manufacturing
336419	Other Guided Missile and Space Vehicle Parts and Auxiliary Equipment Manufacturing
3365	Railroad Rolling Stock Manufacturing
33651	Railroad Rolling Stock Manufacturing
336510	Railroad Rolling Stock Manufacturing
3366	Ship and Boat Building
33661	Ship and Boat Building
336611	Ship Building and Repairing
336612	Boat Building
3369	Other Transportation Equipment Manufacturing
33699	Other Transportation Equipment Manufacturing
336991	Motorcycle, Bicycle, and Parts Manufacturing
336992	Military Armored Vehicle, Tank, and Tank Component Manufacturing
336999	All Other Transportation Equipment Manufacturing
337	Furniture and Related Product Manufacturing
3371	Household and Institutional Furniture and Kitchen Cabinet Manufacturing
33711	Wood Kitchen Cabinet and Countertop Manufacturing
337110	Wood Kitchen Cabinet and Countertop Manufacturing
33712	Household and Institutional Furniture Manufacturing
337121	Upholstered Household Furniture Manufacturing
337122	Nonupholstered Wood Household Furniture Manufacturing
337124	Metal Household Furniture Manufacturing
337125	Household Furniture (except Wood and Metal) Manufacturing
337127	Institutional Furniture Manufacturing
337129	Wood Television, Radio, and Sewing Machine Cabinet Manufacturing
3372	Office Furniture (including Fixtures) Manufacturing
33721	Office Furniture (including Fixtures) Manufacturing
337211	Wood Office Furniture Manufacturing

337212	Custom Architectural Woodwork and Millwork Manufacturing
337214	Office Furniture (except Wood) Manufacturing
337215	Showcase, Partition, Shelving, and Locker Manufacturing
3379	Other Furniture Related Product Manufacturing
33791	Mattress Manufacturing
337910	Mattress Manufacturing
33792	Blind and Shade Manufacturing
337920	Blind and Shade Manufacturing
339	Miscellaneous Manufacturing
3391	Medical Equipment and Supplies Manufacturing
33911	Medical Equipment and Supplies Manufacturing
339112	Surgical and Medical Instrument Manufacturing
339113	Surgical Appliance and Supplies Manufacturing
339114	Dental Equipment and Supplies Manufacturing
339115	Ophthalmic Goods Manufacturing
339116	Dental Laboratories
3399	Other Miscellaneous Manufacturing
33991	Jewelry and Silverware Manufacturing
339910	Jewelry and Silverware Manufacturing
339911	Jewelry (except Costume) Manufacturing
339912	Silverware and Hollowware Manufacturing
339913	Jewelers' Material and Lapidary Work Manufacturing
339914	Costume Jewelry and Novelty Manufacturing
33992	Sporting and Athletic Goods Manufacturing
339920	Sporting and Athletic Goods Manufacturing
33993	Doll, Toy, and Game Manufacturing
339930	Doll, Toy, and Game Manufacturing
339931	Doll and Stuffed Toy Manufacturing
339932	Game, Toy, and Children's Vehicle Manufacturing
33994	Office Supplies (except Paper) Manufacturing
339940	Office Supplies (except Paper) Manufacturing
339941	Pen and Mechanical Pencil Manufacturing
339942	Lead Pencil and Art Good Manufacturing
339943	Marking Device Manufacturing
339944	Carbon Paper and Inked Ribbon Manufacturing
33995	Sign Manufacturing
339950	Sign Manufacturing
33999	All Other Miscellaneous Manufacturing
339991	Gasket, Packing, and Sealing Device Manufacturing
339992	Musical Instrument Manufacturing
339993	Fastener, Button, Needle, and Pin Manufacturing

339994	Broom, Brush, and Mop Manufacturing
339995	Burial Casket Manufacturing
339999	All Other Miscellaneous Manufacturing
42	Wholesale Trade
423	Merchant Wholesalers, Durable Goods
4231	Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers
42311	Automobile and Other Motor Vehicle Merchant Wholesalers
423110	Automobile and Other Motor Vehicle Merchant Wholesalers
42312	Motor Vehicle Supplies and New Parts Merchant Wholesalers
423120	Motor Vehicle Supplies and New Parts Merchant Wholesalers
42313	Tire and Tube Merchant Wholesalers
423130	Tire and Tube Merchant Wholesalers
42314	Motor Vehicle Parts (Used) Merchant Wholesalers
423140	Motor Vehicle Parts (Used) Merchant Wholesalers
4232	Furniture and Home Furnishing Merchant Wholesalers
42321	Furniture Merchant Wholesalers
423210	Furniture Merchant Wholesalers
42322	Home Furnishing Merchant Wholesalers
423220	Home Furnishing Merchant Wholesalers
4233	Lumber and Other Construction Materials Merchant Wholesalers
42331	Lumber, Plywood, Millwork, and Wood Panel Merchant Wholesalers
423310	Lumber, Plywood, Millwork, and Wood Panel Merchant Wholesalers
42332	Brick, Stone, and Related Construction Material Merchant Wholesalers
423320	Brick, Stone, and Related Construction Material Merchant Wholesalers
42333	Roofing, Siding, and Insulation Material Merchant Wholesalers
423330	Roofing, Siding, and Insulation Material Merchant Wholesalers
42339	Other Construction Material Merchant Wholesalers
423390	Other Construction Material Merchant Wholesalers
4234	Professional and Commercial Equipment and Supplies Merchant Wholesalers
42341	Photographic Equipment and Supplies Merchant Wholesalers
423410	Photographic Equipment and Supplies Merchant Wholesalers
42342	Office Equipment Merchant Wholesalers
423420	Office Equipment Merchant Wholesalers
42343	Computer and Computer Peripheral Equipment and Software Merchant Wholesalers
423430	Computer and Computer Peripheral Equipment and Software Merchant Wholesalers
42344	Other Commercial Equipment Merchant Wholesalers
423440	Other Commercial Equipment Merchant Wholesalers
42345	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers
423450	Medical, Dental, and Hospital Equipment and Supplies Merchant Wholesalers
42346	Ophthalmic Goods Merchant Wholesalers
423460	Ophthalmic Goods Merchant Wholesalers

42349	Other Professional Equipment and Supplies Merchant Wholesalers
423490	Other Professional Equipment and Supplies Merchant Wholesalers
4235	Metal and Mineral (except Petroleum) Merchant Wholesalers
42351	Metal Service Centers and Other Metal Merchant Wholesalers
423510	Metal Service Centers and Other Metal Merchant Wholesalers
42352	Coal and Other Mineral and Ore Merchant Wholesalers
423520	Coal and Other Mineral and Ore Merchant Wholesalers
4236	Household Appliances and Electrical and Electronic Goods Merchant Wholesalers
42361	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers
423610	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers
42362	Household Appliances, Electric Housewares, and Consumer Electronics Merchant Wholesalers
423620	Household Appliances, Electric Housewares, and Consumer Electronics Merchant Wholesalers
42369	Other Electronic Parts and Equipment Merchant Wholesalers
423690	Other Electronic Parts and Equipment Merchant Wholesalers
4237	Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers
42371	Hardware Merchant Wholesalers
423710	Hardware Merchant Wholesalers
42372	Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers
423720	Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers
42373	Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers
423730	Warm Air Heating and Air-Conditioning Equipment and Supplies Merchant Wholesalers
42374	Refrigeration Equipment and Supplies Merchant Wholesalers
423740	Refrigeration Equipment and Supplies Merchant Wholesalers
4238	Machinery, Equipment, and Supplies Merchant Wholesalers
42381	Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers
423810	Construction and Mining (except Oil Well) Machinery and Equipment Merchant Wholesalers
42382	Farm and Garden Machinery and Equipment Merchant Wholesalers
423820	Farm and Garden Machinery and Equipment Merchant Wholesalers
42383	Industrial Machinery and Equipment Merchant Wholesalers
423830	Industrial Machinery and Equipment Merchant Wholesalers
42384	Industrial Supplies Merchant Wholesalers
423840	Industrial Supplies Merchant Wholesalers
42385	Service Establishment Equipment and Supplies Merchant Wholesalers
423850	Service Establishment Equipment and Supplies Merchant Wholesalers
42386	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers
423860	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers
4239	Miscellaneous Durable Goods Merchant Wholesalers

42391	Sporting and Recreational Goods and Supplies Merchant Wholesalers
423910	Sporting and Recreational Goods and Supplies Merchant Wholesalers
42392	Toy and Hobby Goods and Supplies Merchant Wholesalers
423920	Toy and Hobby Goods and Supplies Merchant Wholesalers
42393	Recyclable Material Merchant Wholesalers
423930	Recyclable Material Merchant Wholesalers
42394	Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers
423940	Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers
42399	Other Miscellaneous Durable Goods Merchant Wholesalers
423990	Other Miscellaneous Durable Goods Merchant Wholesalers
424	Merchant Wholesalers, Nondurable Goods
4241	Paper and Paper Product Merchant Wholesalers
42411	Printing and Writing Paper Merchant Wholesalers
424110	Printing and Writing Paper Merchant Wholesalers
42412	Stationery and Office Supplies Merchant Wholesalers
424120	Stationery and Office Supplies Merchant Wholesalers
42413	Industrial and Personal Service Paper Merchant Wholesalers
424130	Industrial and Personal Service Paper Merchant Wholesalers
4242	Drugs and Druggists' Sundries Merchant Wholesalers
42421	Drugs and Druggists' Sundries Merchant Wholesalers
424210	Drugs and Druggists' Sundries Merchant Wholesalers
4243	Apparel, Piece Goods, and Notions Merchant Wholesalers
42431	Piece Goods, Notions, and Other Dry Goods Merchant Wholesalers
424310	Piece Goods, Notions, and Other Dry Goods Merchant Wholesalers
42432	Men's and Boys' Clothing and Furnishings Merchant Wholesalers
424320	Men's and Boys' Clothing and Furnishings Merchant Wholesalers
42433	Women's, Children's, and Infants' Clothing and Accessories Merchant Wholesalers
424330	Women's, Children's, and Infants' Clothing and Accessories Merchant Wholesalers
42434	Footwear Merchant Wholesalers
424340	Footwear Merchant Wholesalers
4244	Grocery and Related Product Merchant Wholesalers
42441	General Line Grocery Merchant Wholesalers
424410	General Line Grocery Merchant Wholesalers
42442	Packaged Frozen Food Merchant Wholesalers
424420	Packaged Frozen Food Merchant Wholesalers
42443	Dairy Product (except Dried or Canned) Merchant Wholesalers
424430	Dairy Product (except Dried or Canned) Merchant Wholesalers
42444	Poultry and Poultry Product Merchant Wholesalers
424440	Poultry and Poultry Product Merchant Wholesalers
42445	Confectionery Merchant Wholesalers
424450	Confectionery Merchant Wholesalers

42446	Fish and Seafood Merchant Wholesalers
424460	Fish and Seafood Merchant Wholesalers
42447	Meat and Meat Product Merchant Wholesalers
424470	Meat and Meat Product Merchant Wholesalers
42448	Fresh Fruit and Vegetable Merchant Wholesalers
424480	Fresh Fruit and Vegetable Merchant Wholesalers
42449	Other Grocery and Related Products Merchant Wholesalers
424490	Other Grocery and Related Products Merchant Wholesalers
4245	Farm Product Raw Material Merchant Wholesalers
42451	Grain and Field Bean Merchant Wholesalers
424510	Grain and Field Bean Merchant Wholesalers
42452	Livestock Merchant Wholesalers
424520	Livestock Merchant Wholesalers
42459	Other Farm Product Raw Material Merchant Wholesalers
424590	Other Farm Product Raw Material Merchant Wholesalers
4246	Chemical and Allied Products Merchant Wholesalers
42461	Plastics Materials and Basic Forms and Shapes Merchant Wholesalers
424610	Plastics Materials and Basic Forms and Shapes Merchant Wholesalers
42469	Other Chemical and Allied Products Merchant Wholesalers
424690	Other Chemical and Allied Products Merchant Wholesalers
4247	Petroleum and Petroleum Products Merchant Wholesalers
42471	Petroleum Bulk Stations and Terminals
424710	Petroleum Bulk Stations and Terminals
42472	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
424720	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
4248	Beer, Wine, and Distilled Alcoholic Beverage Merchant Wholesalers
42481	Beer and Ale Merchant Wholesalers
424810	Beer and Ale Merchant Wholesalers
42482	Wine and Distilled Alcoholic Beverage Merchant Wholesalers
424820	Wine and Distilled Alcoholic Beverage Merchant Wholesalers
4249	Miscellaneous Nondurable Goods Merchant Wholesalers
42491	Farm Supplies Merchant Wholesalers
424910	Farm Supplies Merchant Wholesalers
42492	Book, Periodical, and Newspaper Merchant Wholesalers
424920	Book, Periodical, and Newspaper Merchant Wholesalers
42493	Flower, Nursery Stock, and Florists' Supplies Merchant Wholesalers
424930	Flower, Nursery Stock, and Florists' Supplies Merchant Wholesalers
42494	Tobacco and Tobacco Product Merchant Wholesalers
424940	Tobacco and Tobacco Product Merchant Wholesalers
42495	Paint, Varnish, and Supplies Merchant Wholesalers

424950	Paint, Varnish, and Supplies Merchant Wholesalers
42499	Other Miscellaneous Nondurable Goods Merchant Wholesalers
424990	Other Miscellaneous Nondurable Goods Merchant Wholesalers
425	Wholesale Electronic Markets and Agents and Brokers
4251	Wholesale Electronic Markets and Agents and Brokers
42511	Business to Business Electronic Markets
425110	Business to Business Electronic Markets
42512	Wholesale Trade Agents and Brokers
425120	Wholesale Trade Agents and Brokers
44-45	Retail Trade
441	Motor Vehicle and Parts Dealers
4411	Automobile Dealers
44111	New Car Dealers
441110	New Car Dealers
44112	Used Car Dealers
441120	Used Car Dealers
4412	Other Motor Vehicle Dealers
44121	Recreational Vehicle Dealers
441210	Recreational Vehicle Dealers
44122	Motorcycle, Boat, and Other Motor Vehicle Dealers
441221	Motorcycle, ATV, and Personal Watercraft Dealers
441222	Boat Dealers
441228	Motorcycle, ATV, and All Other Motor Vehicle Dealers
441229	All Other Motor Vehicle Dealers
4413	Automotive Parts, Accessories, and Tire Stores
44131	Automotive Parts and Accessories Stores
441310	Automotive Parts and Accessories Stores
44132	Tire Dealers
441320	Tire Dealers
442	Furniture and Home Furnishings Stores
4421	Furniture Stores
44211	Furniture Stores
442110	Furniture Stores
4422	Home Furnishings Stores
44221	Floor Covering Stores
442210	Floor Covering Stores
44229	Other Home Furnishings Stores
442291	Window Treatment Stores
442299	All Other Home Furnishings Stores
443	Electronics and Appliance Stores
4431	Electronics and Appliance Stores

44311	Appliance, Television, and Other Electronics Stores
443111	Household Appliance Stores
443112	Radio, Television, and Other Electronics Stores
44312	Computer and Software Stores
443120	Computer and Software Stores
44313	Camera and Photographic Supplies Stores
443130	Camera and Photographic Supplies Stores
44314	Electronics and Appliance Stores
443141	Household Appliance Stores
443142	Electronics Stores
444	Building Material and Garden Equipment and Supplies Dealers
4441	Building Material and Supplies Dealers
44411	Home Centers
444110	Home Centers
44412	Paint and Wallpaper Stores
444120	Paint and Wallpaper Stores
44413	Hardware Stores
444130	Hardware Stores
44419	Other Building Material Dealers
444190	Other Building Material Dealers
4442	Lawn and Garden Equipment and Supplies Stores
44421	Outdoor Power Equipment Stores
444210	Outdoor Power Equipment Stores
44422	Nursery, Garden Center, and Farm Supply Stores
444220	Nursery, Garden Center, and Farm Supply Stores
445	Food and Beverage Stores
4451	Grocery Stores
44511	Supermarkets and Other Grocery (except Convenience) Stores
445110	Supermarkets and Other Grocery (except Convenience) Stores
44512	Convenience Stores
445120	Convenience Stores
4452	Specialty Food Stores
44521	Meat Markets
445210	Meat Markets
44522	Fish and Seafood Markets
445220	Fish and Seafood Markets
44523	Fruit and Vegetable Markets
445230	Fruit and Vegetable Markets
44529	Other Specialty Food Stores
445291	Baked Goods Stores
445292	Confectionery and Nut Stores

445299	All Other Specialty Food Stores
4453	Beer, Wine, and Liquor Stores
44531	Beer, Wine, and Liquor Stores
445310	Beer, Wine, and Liquor Stores
446	Health and Personal Care Stores
4461	Health and Personal Care Stores
44611	Pharmacies and Drug Stores
446110	Pharmacies and Drug Stores
44612	Cosmetics, Beauty Supplies, and Perfume Stores
446120	Cosmetics, Beauty Supplies, and Perfume Stores
44613	Optical Goods Stores
446130	Optical Goods Stores
44619	Other Health and Personal Care Stores
446191	Food (Health) Supplement Stores
446199	All Other Health and Personal Care Stores
447	Gasoline Stations
4471	Gasoline Stations
44711	Gasoline Stations with Convenience Stores
447110	Gasoline Stations with Convenience Stores
44719	Other Gasoline Stations
447190	Other Gasoline Stations
448	Clothing and Clothing Accessories Stores
4481	Clothing Stores
44811	Men's Clothing Stores
448110	Men's Clothing Stores
44812	Women's Clothing Stores
448120	Women's Clothing Stores
44813	Children's and Infants' Clothing Stores
448130	Children's and Infants' Clothing Stores
44814	Family Clothing Stores
448140	Family Clothing Stores
44815	Clothing Accessories Stores
448150	Clothing Accessories Stores
44819	Other Clothing Stores
448190	Other Clothing Stores
4482	Shoe Stores
44821	Shoe Stores
448210	Shoe Stores
4483	Jewelry, Luggage, and Leather Goods Stores
44831	Jewelry Stores
448310	Jewelry Stores

44832	Luggage and Leather Goods Stores
448320	Luggage and Leather Goods Stores
451	Sporting Goods, Hobby, Musical Instrument, and Book Stores
4511	Sporting Goods, Hobby, and Musical Instrument Stores
45111	Sporting Goods Stores
451110	Sporting Goods Stores
45112	Hobby, Toy, and Game Stores
451120	Hobby, Toy, and Game Stores
45113	Sewing, Needlework, and Piece Goods Stores
451130	Sewing, Needlework, and Piece Goods Stores
45114	Musical Instrument and Supplies Stores
451140	Musical Instrument and Supplies Stores
4512	Book Stores and News Dealers
45121	Book Stores and News Dealers
451211	Book Stores
451212	News Dealers and Newsstands
45122	Prerecorded Tape, Compact Disc, and Record Stores
451220	Prerecorded Tape, Compact Disc, and Record Stores
452	General Merchandise Stores
4521	Department Stores
45211	Department Stores
452111	Department Stores (except Discount Department Stores)
452112	Discount Department Stores
4529	Other General Merchandise Stores
45291	Warehouse Clubs and Supercenters
452910	Warehouse Clubs and Supercenters
45299	All Other General Merchandise Stores
452990	All Other General Merchandise Stores
453	Miscellaneous Store Retailers
4531	Florists
45311	Florists
453110	Florists
4532	Office Supplies, Stationery, and Gift Stores
45321	Office Supplies and Stationery Stores
453210	Office Supplies and Stationery Stores
45322	Gift, Novelty, and Souvenir Stores
453220	Gift, Novelty, and Souvenir Stores
4533	Used Merchandise Stores
45331	Used Merchandise Stores
453310	Used Merchandise Stores
4539	Other Miscellaneous Store Retailers

45391	Pet and Pet Supplies Stores
453910	Pet and Pet Supplies Stores
45392	Art Dealers
453920	Art Dealers
45393	Manufactured (Mobile) Home Dealers
453930	Manufactured (Mobile) Home Dealers
45399	All Other Miscellaneous Store Retailers
453991	Tobacco Stores
453998	All Other Miscellaneous Store Retailers (except Tobacco Stores)
454	Nonstore Retailers
4541	Electronic Shopping and Mail-Order Houses
45411	Electronic Shopping and Mail-Order Houses
454111	Electronic Shopping
454112	Electronic Auctions
454113	Mail-Order Houses
4542	Vending Machine Operators
45421	Vending Machine Operators
454210	Vending Machine Operators
4543	Direct Selling Establishments
45431	Fuel Dealers
454310	Fuel Dealers
454311	Heating Oil Dealers
454312	Liquefied Petroleum Gas (Bottled Gas) Dealers
454319	Other Fuel Dealers
45439	Other Direct Selling Establishments
454390	Other Direct Selling Establishments
48-49	Transportation and Warehousing
481	Air Transportation
4811	Scheduled Air Transportation
48111	Scheduled Air Transportation
481111	Scheduled Passenger Air Transportation
481112	Scheduled Freight Air Transportation
4812	Nonscheduled Air Transportation
48121	Nonscheduled Air Transportation
481211	Nonscheduled Chartered Passenger Air Transportation
481212	Nonscheduled Chartered Freight Air Transportation
481219	Other Nonscheduled Air Transportation
482	Rail Transportation
4821	Rail Transportation
48211	Rail Transportation
482111	Line-Haul Railroads

482112	Short Line Railroads
483	Water Transportation
4831	Deep Sea, Coastal, and Great Lakes Water Transportation
48311	Deep Sea, Coastal, and Great Lakes Water Transportation
483111	Deep Sea Freight Transportation
483112	Deep Sea Passenger Transportation
483113	Coastal and Great Lakes Freight Transportation
483114	Coastal and Great Lakes Passenger Transportation
4832	Inland Water Transportation
48321	Inland Water Transportation
483211	Inland Water Freight Transportation
483212	Inland Water Passenger Transportation
484	Truck Transportation
4841	General Freight Trucking
48411	General Freight Trucking, Local
484110	General Freight Trucking, Local
48412	General Freight Trucking, Long-Distance
484121	General Freight Trucking, Long-Distance, Truckload
484122	General Freight Trucking, Long-Distance, Less Than Truckload
4842	Specialized Freight Trucking
48421	Used Household and Office Goods Moving
484210	Used Household and Office Goods Moving
48422	Specialized Freight (except Used Goods) Trucking, Local
484220	Specialized Freight (except Used Goods) Trucking, Local
48423	Specialized Freight (except Used Goods) Trucking, Long-Distance
484230	Specialized Freight (except Used Goods) Trucking, Long-Distance
485	Transit and Ground Passenger Transportation
4851	Urban Transit Systems
48511	Urban Transit Systems
485111	Mixed Mode Transit Systems
485112	Commuter Rail Systems
485113	Bus and Other Motor Vehicle Transit Systems
485119	Other Urban Transit Systems
4852	Interurban and Rural Bus Transportation
48521	Interurban and Rural Bus Transportation
485210	Interurban and Rural Bus Transportation
4853	Taxi and Limousine Service
48531	Taxi Service
485310	Taxi Service
48532	Limousine Service
485320	Limousine Service

4854	School and Employee Bus Transportation
48541	School and Employee Bus Transportation
485410	School and Employee Bus Transportation
4855	Charter Bus Industry
48551	Charter Bus Industry
485510	Charter Bus Industry
4859	Other Transit and Ground Passenger Transportation
48599	Other Transit and Ground Passenger Transportation
485991	Special Needs Transportation
485999	All Other Transit and Ground Passenger Transportation
486	Pipeline Transportation
4861	Pipeline Transportation of Crude Oil
48611	Pipeline Transportation of Crude Oil
486110	Pipeline Transportation of Crude Oil
4862	Pipeline Transportation of Natural Gas
48621	Pipeline Transportation of Natural Gas
486210	Pipeline Transportation of Natural Gas
4869	Other Pipeline Transportation
48691	Pipeline Transportation of Refined Petroleum Products
486910	Pipeline Transportation of Refined Petroleum Products
48699	All Other Pipeline Transportation
486990	All Other Pipeline Transportation
487	Scenic and Sightseeing Transportation
4871	Scenic and Sightseeing Transportation, Land
48711	Scenic and Sightseeing Transportation, Land
487110	Scenic and Sightseeing Transportation, Land
4872	Scenic and Sightseeing Transportation, Water
48721	Scenic and Sightseeing Transportation, Water
487210	Scenic and Sightseeing Transportation, Water
4879	Scenic and Sightseeing Transportation, Other
48799	Scenic and Sightseeing Transportation, Other
487990	Scenic and Sightseeing Transportation, Other
488	Support Activities for Transportation
4881	Support Activities for Air Transportation
48811	Airport Operations
488111	Air Traffic Control
488119	Other Airport Operations
48819	Other Support Activities for Air Transportation
488190	Other Support Activities for Air Transportation
4882	Support Activities for Rail Transportation
48821	Support Activities for Rail Transportation

488210	Support Activities for Rail Transportation
4883	Support Activities for Water Transportation
48831	Port and Harbor Operations
488310	Port and Harbor Operations
48832	Marine Cargo Handling
488320	Marine Cargo Handling
48833	Navigational Services to Shipping
488330	Navigational Services to Shipping
48839	Other Support Activities for Water Transportation
488390	Other Support Activities for Water Transportation
4884	Support Activities for Road Transportation
48841	Motor Vehicle Towing
488410	Motor Vehicle Towing
48849	Other Support Activities for Road Transportation
488490	Other Support Activities for Road Transportation
4885	Freight Transportation Arrangement
48851	Freight Transportation Arrangement
488510	Freight Transportation Arrangement
4889	Other Support Activities for Transportation
48899	Other Support Activities for Transportation
488991	Packing and Crating
488999	All Other Support Activities for Transportation
491	Postal Service
4911	Postal Service
49111	Postal Service
491110	Postal Service
492	Couriers and Messengers
4921	Couriers and Express Delivery Services
49211	Couriers and Express Delivery Services
492110	Couriers and Express Delivery Services
4922	Local Messengers and Local Delivery
49221	Local Messengers and Local Delivery
492210	Local Messengers and Local Delivery
493	Warehousing and Storage
4931	Warehousing and Storage
49311	General Warehousing and Storage
493110	General Warehousing and Storage
49312	Refrigerated Warehousing and Storage
493120	Refrigerated Warehousing and Storage
49313	Farm Product Warehousing and Storage
493130	Farm Product Warehousing and Storage

49319	Other Warehousing and Storage
493190	Other Warehousing and Storage
51	Information
511	Publishing Industries (except Internet)
5111	Newspaper, Periodical, Book, and Directory Publishers
51111	Newspaper Publishers
511110	Newspaper Publishers
51112	Periodical Publishers
511120	Periodical Publishers
51113	Book Publishers
511130	Book Publishers
51114	Directory and Mailing List Publishers
511140	Directory and Mailing List Publishers
51119	Other Publishers
511191	Greeting Card Publishers
511199	All Other Publishers
5112	Software Publishers
51121	Software Publishers
511210	Software Publishers
512	Motion Picture and Sound Recording Industries
5121	Motion Picture and Video Industries
51211	Motion Picture and Video Production
512110	Motion Picture and Video Production
51212	Motion Picture and Video Distribution
512120	Motion Picture and Video Distribution
51213	Motion Picture and Video Exhibition
512131	Motion Picture Theaters (except Drive-Ins)
512132	Drive-In Motion Picture Theaters
51219	Postproduction Services and Other Motion Picture and Video Industries
512191	Teleproduction and Other Postproduction Services
512199	Other Motion Picture and Video Industries
5122	Sound Recording Industries
51221	Record Production
512210	Record Production
51222	Integrated Record Production/Distribution
512220	Integrated Record Production/Distribution
51223	Music Publishers
512230	Music Publishers
51224	Sound Recording Studios
512240	Sound Recording Studios
51229	Other Sound Recording Industries

512290	Other Sound Recording Industries
515	Broadcasting (except Internet)
5151	Radio and Television Broadcasting
51511	Radio Broadcasting
515111	Radio Networks
515112	Radio Stations
51512	Television Broadcasting
515120	Television Broadcasting
5152	Cable and Other Subscription Programming
51521	Cable and Other Subscription Programming
515210	Cable and Other Subscription Programming
517	Telecommunications
5171	Wired Telecommunications Carriers
51711	Wired Telecommunications Carriers
517110	Wired Telecommunications Carriers
5172	Wireless Telecommunications Carriers (except Satellite)
51721	Wireless Telecommunications Carriers (except Satellite)
517210	Wireless Telecommunications Carriers (except Satellite)
5174	Satellite Telecommunications
51741	Satellite Telecommunications
517410	Satellite Telecommunications
5179	Other Telecommunications
51791	Other Telecommunications
517911	Telecommunications Resellers
517919	All Other Telecommunications
518	Data Processing, Hosting, and Related Services
5182	Data Processing, Hosting, and Related Services
51821	Data Processing, Hosting, and Related Services
518210	Data Processing, Hosting, and Related Services
519	Other Information Services
5191	Other Information Services
51911	News Syndicates
519110	News Syndicates
51912	Libraries and Archives
519120	Libraries and Archives
51913	Internet Publishing and Broadcasting and Web Search Portals
519130	Internet Publishing and Broadcasting and Web Search Portals
51919	All Other Information Services
519190	All Other Information Services
52	Finance and Insurance
521	Monetary Authorities-Central Bank

5211	Monetary Authorities-Central Bank
52111	Monetary Authorities-Central Bank
521110	Monetary Authorities-Central Bank
522	Credit Intermediation and Related Activities
5221	Depository Credit Intermediation
52211	Commercial Banking
522110	Commercial Banking
52212	Savings Institutions
522120	Savings Institutions
52213	Credit Unions
522130	Credit Unions
52219	Other Depository Credit Intermediation
522190	Other Depository Credit Intermediation
5222	Nondepository Credit Intermediation
52221	Credit Card Issuing
522210	Credit Card Issuing
52222	Sales Financing
522220	Sales Financing
52229	Other Nondepository Credit Intermediation
522291	Consumer Lending
522292	Real Estate Credit
522293	International Trade Financing
522294	Secondary Market Financing
522298	All Other Nondepository Credit Intermediation
5223	Activities Related to Credit Intermediation
52231	Mortgage and Nonmortgage Loan Brokers
522310	Mortgage and Nonmortgage Loan Brokers
52232	Financial Transactions Processing, Reserve, and Clearinghouse Activities
522320	Financial Transactions Processing, Reserve, and Clearinghouse Activities
52239	Other Activities Related to Credit Intermediation
522390	Other Activities Related to Credit Intermediation
523	Securities, Commodity Contracts, and Other Financial Investments and Related Activities
5231	Securities and Commodity Contracts Intermediation and Brokerage
52311	Investment Banking and Securities Dealing
523110	Investment Banking and Securities Dealing
52312	Securities Brokerage
523120	Securities Brokerage
52313	Commodity Contracts Dealing
523130	Commodity Contracts Dealing
52314	Commodity Contracts Brokerage

523140	Commodity Contracts Brokerage
5232	Securities and Commodity Exchanges
52321	Securities and Commodity Exchanges
523210	Securities and Commodity Exchanges
5239	Other Financial Investment Activities
52391	Miscellaneous Intermediation
523910	Miscellaneous Intermediation
52392	Portfolio Management
523920	Portfolio Management
52393	Investment Advice
523930	Investment Advice
52399	All Other Financial Investment Activities
523991	Trust, Fiduciary, and Custody Activities
523999	Miscellaneous Financial Investment Activities
524	Insurance Carriers and Related Activities
5241	Insurance Carriers
52411	Direct Life, Health, and Medical Insurance Carriers
524113	Direct Life Insurance Carriers
524114	Direct Health and Medical Insurance Carriers
52412	Direct Insurance (except Life, Health, and Medical) Carriers
524126	Direct Property and Casualty Insurance Carriers
524127	Direct Title Insurance Carriers
524128	Other Direct Insurance (except Life, Health, and Medical) Carriers
52413	Reinsurance Carriers
524130	Reinsurance Carriers
5242	Agencies, Brokerages, and Other Insurance Related Activities
52421	Insurance Agencies and Brokerages
524210	Insurance Agencies and Brokerages
52429	Other Insurance Related Activities
524291	Claims Adjusting
524292	Third Party Administration of Insurance and Pension Funds
524298	All Other Insurance Related Activities
525	Funds, Trusts, and Other Financial Vehicles
5251	Insurance and Employee Benefit Funds
52511	Pension Funds
525110	Pension Funds
52512	Health and Welfare Funds
525120	Health and Welfare Funds
52519	Other Insurance Funds
525190	Other Insurance Funds
5259	Other Investment Pools and Funds

52591	Open-End Investment Funds
525910	Open-End Investment Funds
52592	Trusts, Estates, and Agency Accounts
525920	Trusts, Estates, and Agency Accounts
52599	Other Financial Vehicles
525990	Other Financial Vehicles
53	Real Estate and Rental and Leasing
531	Real Estate
5311	Lessors of Real Estate
53111	Lessors of Residential Buildings and Dwellings
531110	Lessors of Residential Buildings and Dwellings
53112	Lessors of Nonresidential Buildings (except Miniwarehouses)
531120	Lessors of Nonresidential Buildings (except Miniwarehouses)
53113	Lessors of Miniwarehouses and Self-Storage Units
531130	Lessors of Miniwarehouses and Self-Storage Units
53119	Lessors of Other Real Estate Property
531190	Lessors of Other Real Estate Property
5312	Offices of Real Estate Agents and Brokers
53121	Offices of Real Estate Agents and Brokers
531210	Offices of Real Estate Agents and Brokers
5313	Activities Related to Real Estate
53131	Real Estate Property Managers
531311	Residential Property Managers
531312	Nonresidential Property Managers
53132	Offices of Real Estate Appraisers
531320	Offices of Real Estate Appraisers
53139	Other Activities Related to Real Estate
531390	Other Activities Related to Real Estate
532	Rental and Leasing Services
5321	Automotive Equipment Rental and Leasing
53211	Passenger Car Rental and Leasing
532111	Passenger Car Rental
532112	Passenger Car Leasing
53212	Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing
532120	Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing
5322	Consumer Goods Rental
53221	Consumer Electronics and Appliances Rental
532210	Consumer Electronics and Appliances Rental
53222	Formal Wear and Costume Rental
532220	Formal Wear and Costume Rental
53223	Video Tape and Disc Rental

532230	Video Tape and Disc Rental
53229	Other Consumer Goods Rental
532291	Home Health Equipment Rental
532292	Recreational Goods Rental
532299	All Other Consumer Goods Rental
5323	General Rental Centers
53231	General Rental Centers
532310	General Rental Centers
5324	Commercial and Industrial Machinery and Equipment Rental and Leasing
53241	Construction, Transportation, Mining, and Forestry Machinery and Equipment Rental and Leasing
532411	Commercial Air, Rail, and Water Transportation Equipment Rental and Leasing
532412	Construction, Mining, and Forestry Machinery and Equipment Rental and Leasing
53242	Office Machinery and Equipment Rental and Leasing
532420	Office Machinery and Equipment Rental and Leasing
53249	Other Commercial and Industrial Machinery and Equipment Rental and Leasing
532490	Other Commercial and Industrial Machinery and Equipment Rental and Leasing
533	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)
5331	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)
53311	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)
533110	Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)
54	Professional, Scientific, and Technical Services
541	Professional, Scientific, and Technical Services
5411	Legal Services
54111	Offices of Lawyers
541110	Offices of Lawyers
54112	Offices of Notaries
541120	Offices of Notaries
54119	Other Legal Services
541191	Title Abstract and Settlement Offices
541199	All Other Legal Services
5412	Accounting, Tax Preparation, Bookkeeping, and Payroll Services
54121	Accounting, Tax Preparation, Bookkeeping, and Payroll Services
541211	Offices of Certified Public Accountants
541213	Tax Preparation Services
541214	Payroll Services
541219	Other Accounting Services
5413	Architectural, Engineering, and Related Services
54131	Architectural Services
541310	Architectural Services
54132	Landscape Architectural Services

541320	Landscape Architectural Services
54133	Engineering Services
541330	Engineering Services
54134	Drafting Services
541340	Drafting Services
54135	Building Inspection Services
541350	Building Inspection Services
54136	Geophysical Surveying and Mapping Services
541360	Geophysical Surveying and Mapping Services
54137	Surveying and Mapping (except Geophysical) Services
541370	Surveying and Mapping (except Geophysical) Services
54138	Testing Laboratories
541380	Testing Laboratories
5414	Specialized Design Services
54141	Interior Design Services
541410	Interior Design Services
54142	Industrial Design Services
541420	Industrial Design Services
54143	Graphic Design Services
541430	Graphic Design Services
54149	Other Specialized Design Services
541490	Other Specialized Design Services
5415	Computer Systems Design and Related Services
54151	Computer Systems Design and Related Services
541511	Custom Computer Programming Services
541512	Computer Systems Design Services
541513	Computer Facilities Management Services
541519	Other Computer Related Services
5416	Management, Scientific, and Technical Consulting Services
54161	Management Consulting Services
541611	Administrative Management and General Management Consulting Services
541612	Human Resources Consulting Services
541613	Marketing Consulting Services
541614	Process, Physical Distribution, and Logistics Consulting Services
541618	Other Management Consulting Services
54162	Environmental Consulting Services
541620	Environmental Consulting Services
54169	Other Scientific and Technical Consulting Services
541690	Other Scientific and Technical Consulting Services
5417	Scientific Research and Development Services
54171	Research and Development in the Physical, Engineering, and Life Sciences

541711	Research and Development in Biotechnology
541712	Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology)
54172	Research and Development in the Social Sciences and Humanities
541720	Research and Development in the Social Sciences and Humanities
5418	Advertising, Public Relations, and Related Services
54181	Advertising Agencies
541810	Advertising Agencies
54182	Public Relations Agencies
541820	Public Relations Agencies
54183	Media Buying Agencies
541830	Media Buying Agencies
54184	Media Representatives
541840	Media Representatives
54185	Outdoor Advertising
541850	Outdoor Advertising
54186	Direct Mail Advertising
541860	Direct Mail Advertising
54187	Advertising Material Distribution Services
541870	Advertising Material Distribution Services
54189	Other Services Related to Advertising
541890	Other Services Related to Advertising
5419	Other Professional, Scientific, and Technical Services
54191	Marketing Research and Public Opinion Polling
541910	Marketing Research and Public Opinion Polling
54192	Photographic Services
541921	Photography Studios, Portrait
541922	Commercial Photography
54193	Translation and Interpretation Services
541930	Translation and Interpretation Services
54194	Veterinary Services
541940	Veterinary Services
54199	All Other Professional, Scientific, and Technical Services
541990	All Other Professional, Scientific, and Technical Services
55	Management of Companies and Enterprises
551	Management of Companies and Enterprises
5511	Management of Companies and Enterprises
55111	Management of Companies and Enterprises
551111	Offices of Bank Holding Companies
551112	Offices of Other Holding Companies
551114	Corporate, Subsidiary, and Regional Managing Offices

56	Administrative and Support and Waste Management and Remediation Services
561	Administrative and Support Services
5611	Office Administrative Services
56111	Office Administrative Services
561110	Office Administrative Services
5612	Facilities Support Services
56121	Facilities Support Services
561210	Facilities Support Services
5613	Employment Services
56131	Employment Placement Agencies and Executive Search Services
561311	Employment Placement Agencies
561312	Executive Search Services
56132	Temporary Help Services
561320	Temporary Help Services
56133	Professional Employer Organizations
561330	Professional Employer Organizations
5614	Business Support Services
56141	Document Preparation Services
561410	Document Preparation Services
56142	Telephone Call Centers
561421	Telephone Answering Services
561422	Telemarketing Bureaus and Other Contact Centers
56143	Business Service Centers
561431	Private Mail Centers
561439	Other Business Service Centers (including Copy Shops)
56144	Collection Agencies
561440	Collection Agencies
56145	Credit Bureaus
561450	Credit Bureaus
56149	Other Business Support Services
561491	Repossession Services
561492	Court Reporting and Stenotype Services
561499	All Other Business Support Services
5615	Travel Arrangement and Reservation Services
56151	Travel Agencies
561510	Travel Agencies
56152	Tour Operators
561520	Tour Operators
56159	Other Travel Arrangement and Reservation Services
561591	Convention and Visitors Bureaus
561599	All Other Travel Arrangement and Reservation Services

5616	Investigation and Security Services
56161	Investigation, Guard, and Armored Car Services
561611	Investigation Services
561612	Security Guards and Patrol Services
561613	Armored Car Services
56162	Security Systems Services
561621	Security Systems Services (except Locksmiths)
561622	Locksmiths
5617	Services to Buildings and Dwellings
56171	Exterminating and Pest Control Services
561710	Exterminating and Pest Control Services
56172	Janitorial Services
561720	Janitorial Services
56173	Landscaping Services
561730	Landscaping Services
56174	Carpet and Upholstery Cleaning Services
561740	Carpet and Upholstery Cleaning Services
56179	Other Services to Buildings and Dwellings
561790	Other Services to Buildings and Dwellings
5619	Other Support Services
56191	Packaging and Labeling Services
561910	Packaging and Labeling Services
56192	Convention and Trade Show Organizers
561920	Convention and Trade Show Organizers
56199	All Other Support Services
561990	All Other Support Services
562	Waste Management and Remediation Services
5621	Waste Collection
56211	Waste Collection
562111	Solid Waste Collection
562112	Hazardous Waste Collection
562119	Other Waste Collection
5622	Waste Treatment and Disposal
56221	Waste Treatment and Disposal
562211	Hazardous Waste Treatment and Disposal
562212	Solid Waste Landfill
562213	Solid Waste Combustors and Incinerators
562219	Other Nonhazardous Waste Treatment and Disposal
5629	Remediation and Other Waste Management Services
56291	Remediation Services
562910	Remediation Services

56292	Materials Recovery Facilities
562920	Materials Recovery Facilities
56299	All Other Waste Management Services
562991	Septic Tank and Related Services
562998	All Other Miscellaneous Waste Management Services
61	Educational Services
611	Educational Services
6111	Elementary and Secondary Schools
61111	Elementary and Secondary Schools
611110	Elementary and Secondary Schools
6112	Junior Colleges
61121	Junior Colleges
611210	Junior Colleges
6113	Colleges, Universities, and Professional Schools
61131	Colleges, Universities, and Professional Schools
611310	Colleges, Universities, and Professional Schools
6114	Business Schools and Computer and Management Training
61141	Business and Secretarial Schools
611410	Business and Secretarial Schools
61142	Computer Training
611420	Computer Training
61143	Professional and Management Development Training
611430	Professional and Management Development Training
6115	Technical and Trade Schools
61151	Technical and Trade Schools
611511	Cosmetology and Barber Schools
611512	Flight Training
611513	Apprenticeship Training
611519	Other Technical and Trade Schools
6116	Other Schools and Instruction
61161	Fine Arts Schools
611610	Fine Arts Schools
61162	Sports and Recreation Instruction
611620	Sports and Recreation Instruction
61163	Language Schools
611630	Language Schools
61169	All Other Schools and Instruction
611691	Exam Preparation and Tutoring
611692	Automobile Driving Schools
611699	All Other Miscellaneous Schools and Instruction
6117	Educational Support Services

61171	Educational Support Services
611710	Educational Support Services
62	Health Care and Social Assistance
621	Ambulatory Health Care Services
6211	Offices of Physicians
62111	Offices of Physicians
621111	Offices of Physicians (except Mental Health Specialists)
621112	Offices of Physicians, Mental Health Specialists
6212	Offices of Dentists
62121	Offices of Dentists
621210	Offices of Dentists
6213	Offices of Other Health Practitioners
62131	Offices of Chiropractors
621310	Offices of Chiropractors
62132	Offices of Optometrists
621320	Offices of Optometrists
62133	Offices of Mental Health Practitioners (except Physicians)
621330	Offices of Mental Health Practitioners (except Physicians)
62134	Offices of Physical, Occupational and Speech Therapists, and Audiologists
621340	Offices of Physical, Occupational and Speech Therapists, and Audiologists
62139	Offices of All Other Health Practitioners
621391	Offices of Podiatrists
621399	Offices of All Other Miscellaneous Health Practitioners
6214	Outpatient Care Centers
62141	Family Planning Centers
621410	Family Planning Centers
62142	Outpatient Mental Health and Substance Abuse Centers
621420	Outpatient Mental Health and Substance Abuse Centers
62149	Other Outpatient Care Centers
621491	HMO Medical Centers
621492	Kidney Dialysis Centers
621493	Freestanding Ambulatory Surgical and Emergency Centers
621498	All Other Outpatient Care Centers
6215	Medical and Diagnostic Laboratories
62151	Medical and Diagnostic Laboratories
621511	Medical Laboratories
621512	Diagnostic Imaging Centers
6216	Home Health Care Services
62161	Home Health Care Services
621610	Home Health Care Services
6219	Other Ambulatory Health Care Services

62191	Ambulance Services
621910	Ambulance Services
62199	All Other Ambulatory Health Care Services
621991	Blood and Organ Banks
621999	All Other Miscellaneous Ambulatory Health Care Services
622	Hospitals
6221	General Medical and Surgical Hospitals
62211	General Medical and Surgical Hospitals
622110	General Medical and Surgical Hospitals
6222	Psychiatric and Substance Abuse Hospitals
62221	Psychiatric and Substance Abuse Hospitals
622210	Psychiatric and Substance Abuse Hospitals
6223	Specialty (except Psychiatric and Substance Abuse) Hospitals
62231	Specialty (except Psychiatric and Substance Abuse) Hospitals
622310	Specialty (except Psychiatric and Substance Abuse) Hospitals
623	Nursing and Residential Care Facilities
6231	Nursing Care Facilities (Skilled Nursing Facilities)
62311	Nursing Care Facilities (Skilled Nursing Facilities)
623110	Nursing Care Facilities (Skilled Nursing Facilities)
6232	Residential Intellectual and Developmental Disability, Mental Health, and Substance Abuse Facilities
62321	Residential Intellectual and Developmental Disability Facilities
623210	Residential Intellectual and Developmental Disability Facilities
62322	Residential Mental Health and Substance Abuse Facilities
623220	Residential Mental Health and Substance Abuse Facilities
6233	Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly
62331	Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly
623311	Continuing Care Retirement Communities
623312	Assisted Living Facilities for the Elderly
6239	Other Residential Care Facilities
62399	Other Residential Care Facilities
623990	Other Residential Care Facilities
624	Social Assistance
6241	Individual and Family Services
62411	Child and Youth Services
624110	Child and Youth Services
62412	Services for the Elderly and Persons with Disabilities
624120	Services for the Elderly and Persons with Disabilities
62419	Other Individual and Family Services
624190	Other Individual and Family Services
6242	Community Food and Housing, and Emergency and Other Relief Services

62421	Community Food Services
624210	Community Food Services
62422	Community Housing Services
624221	Temporary Shelters
624229	Other Community Housing Services
62423	Emergency and Other Relief Services
624230	Emergency and Other Relief Services
6243	Vocational Rehabilitation Services
62431	Vocational Rehabilitation Services
624310	Vocational Rehabilitation Services
6244	Child Day Care Services
62441	Child Day Care Services
624410	Child Day Care Services
71	Arts, Entertainment, and Recreation
711	Performing Arts, Spectator Sports, and Related Industries
7111	Performing Arts Companies
71111	Theater Companies and Dinner Theaters
711110	Theater Companies and Dinner Theaters
71112	Dance Companies
711120	Dance Companies
71113	Musical Groups and Artists
711130	Musical Groups and Artists
71119	Other Performing Arts Companies
711190	Other Performing Arts Companies
7112	Spectator Sports
71121	Spectator Sports
711211	Sports Teams and Clubs
711212	Racetracks
711219	Other Spectator Sports
7113	Promoters of Performing Arts, Sports, and Similar Events
71131	Promoters of Performing Arts, Sports, and Similar Events with Facilities
711310	Promoters of Performing Arts, Sports, and Similar Events with Facilities
71132	Promoters of Performing Arts, Sports, and Similar Events without Facilities
711320	Promoters of Performing Arts, Sports, and Similar Events without Facilities
7114	Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures
71141	Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures
711410	Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures
7115	Independent Artists, Writers, and Performers
71151	Independent Artists, Writers, and Performers
711510	Independent Artists, Writers, and Performers
712	Museums, Historical Sites, and Similar Institutions

7121	Museums, Historical Sites, and Similar Institutions
71211	Museums
712110	Museums
71212	Historical Sites
712120	Historical Sites
71213	Zoos and Botanical Gardens
712130	Zoos and Botanical Gardens
71219	Nature Parks and Other Similar Institutions
712190	Nature Parks and Other Similar Institutions
713	Amusement, Gambling, and Recreation Industries
7131	Amusement Parks and Arcades
71311	Amusement and Theme Parks
713110	Amusement and Theme Parks
71312	Amusement Arcades
713120	Amusement Arcades
7132	Gambling Industries
71321	Casinos (except Casino Hotels)
713210	Casinos (except Casino Hotels)
71329	Other Gambling Industries
713290	Other Gambling Industries
7139	Other Amusement and Recreation Industries
71391	Golf Courses and Country Clubs
713910	Golf Courses and Country Clubs
71392	Skiing Facilities
713920	Skiing Facilities
71393	Marinas
713930	Marinas
71394	Fitness and Recreational Sports Centers
713940	Fitness and Recreational Sports Centers
71395	Bowling Centers
713950	Bowling Centers
71399	All Other Amusement and Recreation Industries
713990	All Other Amusement and Recreation Industries
72	Accommodation and Food Services
721	Accommodation
7211	Traveler Accommodation
72111	Hotels (except Casino Hotels) and Motels
721110	Hotels (except Casino Hotels) and Motels
72112	Casino Hotels
721120	Casino Hotels
72119	Other Traveler Accommodation

721191	Bed-and-Breakfast Inns
721199	All Other Traveler Accommodation
7212	RV (Recreational Vehicle) Parks and Recreational Camps
72121	RV (Recreational Vehicle) Parks and Recreational Camps
721211	RV (Recreational Vehicle) Parks and Campgrounds
721214	Recreational and Vacation Camps (except Campgrounds)
7213	Rooming and Boarding Houses
72131	Rooming and Boarding Houses
721310	Rooming and Boarding Houses
722	Food Services and Drinking Places
7221	Full-Service Restaurants
72211	Full-Service Restaurants
722110	Full-Service Restaurants
7222	Limited-Service Eating Places
72221	Limited-Service Eating Places
722211	Limited-Service Restaurants
722212	Cafeterias, Grill Buffets, and Buffets
722213	Snack and Nonalcoholic Beverage Bars
7223	Special Food Services
72231	Food Service Contractors
722310	Food Service Contractors
72232	Caterers
722320	Caterers
72233	Mobile Food Services
722330	Mobile Food Services
7224	Drinking Places (Alcoholic Beverages)
72241	Drinking Places (Alcoholic Beverages)
722410	Drinking Places (Alcoholic Beverages)
7225	Restaurants and Other Eating Places
72251	Restaurants and Other Eating Places
722511	Full-Service Restaurants
722513	Limited-Service Restaurants
722514	Cafeterias, Grill Buffets, and Buffets
722515	Snack and Nonalcoholic Beverage Bars
81	Other Services (except Public Administration)
811	Repair and Maintenance
8111	Automotive Repair and Maintenance
81111	Automotive Mechanical and Electrical Repair and Maintenance
811111	General Automotive Repair
811112	Automotive Exhaust System Repair
811113	Automotive Transmission Repair

811118	Other Automotive Mechanical and Electrical Repair and Maintenance
81112	Automotive Body, Paint, Interior, and Glass Repair
811121	Automotive Body, Paint, and Interior Repair and Maintenance
811122	Automotive Glass Replacement Shops
81119	Other Automotive Repair and Maintenance
811191	Automotive Oil Change and Lubrication Shops
811192	Car Washes
811198	All Other Automotive Repair and Maintenance
8112	Electronic and Precision Equipment Repair and Maintenance
81121	Electronic and Precision Equipment Repair and Maintenance
811211	Consumer Electronics Repair and Maintenance
811212	Computer and Office Machine Repair and Maintenance
811213	Communication Equipment Repair and Maintenance
811219	Other Electronic and Precision Equipment Repair and Maintenance
8113	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance
81131	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance
811310	Commercial and Industrial Machinery and Equipment (except Automotive and Electronic) Repair and Maintenance
8114	Personal and Household Goods Repair and Maintenance
81141	Home and Garden Equipment and Appliance Repair and Maintenance
811411	Home and Garden Equipment Repair and Maintenance
811412	Appliance Repair and Maintenance
81142	Reupholstery and Furniture Repair
811420	Reupholstery and Furniture Repair
81143	Footwear and Leather Goods Repair
811430	Footwear and Leather Goods Repair
81149	Other Personal and Household Goods Repair and Maintenance
811490	Other Personal and Household Goods Repair and Maintenance
812	Personal and Laundry Services
8121	Personal Care Services
81211	Hair, Nail, and Skin Care Services
812111	Barber Shops
812112	Beauty Salons
812113	Nail Salons
81219	Other Personal Care Services
812191	Diet and Weight Reducing Centers
812199	Other Personal Care Services
8122	Death Care Services
81221	Funeral Homes and Funeral Services
812210	Funeral Homes and Funeral Services
81222	Cemeteries and Crematories

812220	Cemeteries and Crematories
8123	Drycleaning and Laundry Services
81231	Coin-Operated Laundries and Drycleaners
812310	Coin-Operated Laundries and Drycleaners
81232	Drycleaning and Laundry Services (except Coin-Operated)
812320	Drycleaning and Laundry Services (except Coin-Operated)
81233	Linen and Uniform Supply
812331	Linen Supply
812332	Industrial Launderers
8129	Other Personal Services
81291	Pet Care (except Veterinary) Services
812910	Pet Care (except Veterinary) Services
81292	Photofinishing
812921	Photofinishing Laboratories (except One-Hour)
812922	One-Hour Photofinishing
81293	Parking Lots and Garages
812930	Parking Lots and Garages
81299	All Other Personal Services
812990	All Other Personal Services
813	Religious, Grantmaking, Civic, Professional, and Similar Organizations
8131	Religious Organizations
81311	Religious Organizations
813110	Religious Organizations
8132	Grantmaking and Giving Services
81321	Grantmaking and Giving Services
813211	Grantmaking Foundations
813212	Voluntary Health Organizations
813219	Other Grantmaking and Giving Services
8133	Social Advocacy Organizations
81331	Social Advocacy Organizations
813311	Human Rights Organizations
813312	Environment, Conservation and Wildlife Organizations
813319	Other Social Advocacy Organizations
8134	Civic and Social Organizations
81341	Civic and Social Organizations
813410	Civic and Social Organizations
8139	Business, Professional, Labor, Political, and Similar Organizations
81391	Business Associations
813910	Business Associations
81392	Professional Organizations
813920	Professional Organizations

81393	Labor Unions and Similar Labor Organizations
813930	Labor Unions and Similar Labor Organizations
81394	Political Organizations
813940	Political Organizations
81399	Other Similar Organizations (except Business, Professional, Labor, and Political Organizations)
813990	Other Similar Organizations (except Business, Professional, Labor, and Political Organizations)
814	Private Households
8141	Private Households
81411	Private Households
814110	Private Households
92	Public Administration
921	Executive, Legislative, and Other General Government Support
9211	Executive, Legislative, and Other General Government Support
92111	Executive Offices
921110	Executive Offices
92112	Legislative Bodies
921120	Legislative Bodies
92113	Public Finance Activities
921130	Public Finance Activities
92114	Executive and Legislative Offices, Combined
921140	Executive and Legislative Offices, Combined
92115	American Indian and Alaska Native Tribal Governments
921150	American Indian and Alaska Native Tribal Governments
92119	Other General Government Support
921190	Other General Government Support
922	Justice, Public Order, and Safety Activities
9221	Justice, Public Order, and Safety Activities
92211	Courts
922110	Courts
92212	Police Protection
922120	Police Protection
92213	Legal Counsel and Prosecution
922130	Legal Counsel and Prosecution
92214	Correctional Institutions
922140	Correctional Institutions
92215	Parole Offices and Probation Offices
922150	Parole Offices and Probation Offices
92216	Fire Protection
922160	Fire Protection
92219	Other Justice, Public Order, and Safety Activities

922190	Other Justice, Public Order, and Safety Activities
923	Administration of Human Resource Programs
9231	Administration of Human Resource Programs
92311	Administration of Education Programs
923110	Administration of Education Programs
92312	Administration of Public Health Programs
923120	Administration of Public Health Programs
92313	Administration of Human Resource Programs (except Education, Public Health, and Veterans' Affairs Programs)
923130	Administration of Human Resource Programs (except Education, Public Health, and Veterans' Affairs Programs)
92314	Administration of Veterans' Affairs
923140	Administration of Veterans' Affairs
924	Administration of Environmental Quality Programs
9241	Administration of Environmental Quality Programs
92411	Administration of Air and Water Resource and Solid Waste Management Programs
924110	Administration of Air and Water Resource and Solid Waste Management Programs
92412	Administration of Conservation Programs
924120	Administration of Conservation Programs
925	Administration of Housing Programs, Urban Planning, and Community Development
9251	Administration of Housing Programs, Urban Planning, and Community Development
92511	Administration of Housing Programs
925110	Administration of Housing Programs
92512	Administration of Urban Planning and Community and Rural Development
925120	Administration of Urban Planning and Community and Rural Development
926	Administration of Economic Programs
9261	Administration of Economic Program
92611	Administration of General Economic Programs
926110	Administration of General Economic Programs
92612	Regulation and Administration of Transportation Programs
926120	Regulation and Administration of Transportation Programs
92613	Regulation and Administration of Communications, Electric, Gas, and Other Utilities
926130	Regulation and Administration of Communications, Electric, Gas, and Other Utilities
92614	Regulation of Agricultural Marketing and Commodities
926140	Regulation of Agricultural Marketing and Commodities
92615	Regulation, Licensing, and Inspection of Miscellaneous Commercial Sectors
926150	Regulation, Licensing, and Inspection of Miscellaneous Commercial Sectors
927	Space Research and Technology
9271	Space Research and Technology
92711	Space Research and Technology
927110	Space Research and Technology
928	National Security and International Affairs

9281	National Security and International Affairs
92811	National Security
928110	National Security
92812	International Affairs
928120	International Affairs

Appendix D: Currency codes

Code	Description
ADP	Andorran peseta (1:1 peg to the Spanish peseta)
AED	United Arab Emirates dirham
AFA	Afghan afghani
AFN	Afghan afghani
ALL	Albanian lek
AMD	Armenian dram
ANG	Netherlands Antillean guilder
AOA	Angolan kwanza
AOR	Angolan kwanza readjustado
ARS	Argentine peso
ATS	Austrian schilling
AUD	Australian dollar
AWG	Aruban florin
AZM	Azerbaijani manat
AZN	Azerbaijani manat
BAD	Bosnia and Herzegovina convertible dinar
BAM	Bosnia and Herzegovina convertible mark
BBD	Barbados dollar
BDT	Bangladeshi taka
BEF	Belgian franc (currency union with LUF)
BGL	Bulgarian lev A/99
BGN	Bulgarian lev
BHD	Bahraini dinar
BIF	Burundian franc
BMD	Bermudian dollar
BND	Brunei dollar
BOB	Boliviano
BOV	Bolivian Mvdol (funds code)

BRL	Brazilian real
BSD	Bahamian dollar
BTN	Bhutanese ngultrum
BWP	Botswana pula
BYB	Belarusian ruble
BYN	Belarusian ruble
BYR	Belarusian ruble
BZD	Belize dollar
CAD	Canadian dollar
CAX	Canadian cent
CDF	Congolese franc
CHF	Swiss franc
CLF	Unidad de Fomento (funds code)
CLP	Chilean peso
CNH	Chinese yuan - Offshore
CNY	Chinese yuan
COP	Colombian peso
COU	Colombian Unidad de Valor
CRC	Costa Rican colon
CSD	Serbian dinar (old)
CUP	Cuban peso
CVE	Cape Verde escudo
CYP	Cypriot pound
CZK	Czech koruna
DDM	East German Mark of the GDR (East Germany)
DEM	German mark
DJF	Djiboutian franc
DKK	Danish krone
DOP	Dominican peso
DZD	Algerian dinar
ECS	Ecuadorian sucre
ECV	Ecuador Unidad de Valor Constante (funds code) (discontinued)
EEK	Estonian kroon
EGP	Egyptian pound
ERN	Eritrean nakfa
ESP	Spanish peseta
ETB	Ethiopian birr
EUR	Euro

EUR3M	Euro 3M forward
EUX	Euro Cent
FIM	Finnish markka
FJD	Fiji dollar
FKP	Falkland Islands pound
FRF	French franc
GBP	Pound sterling
GBP3M	Pound sterling 3M forward
GBX	United Kingdom Pence
GEL	Georgian lari
GHC	Ghanaian cedi (old)
GHS	Ghanaian cedi
GIP	Gibraltar pound
GMD	Gambian dalasi
GNF	Guinean franc
GRD	Greek drachma
GTQ	Guatemalan quetzal
GWP	Guinea-Bissau peso
GYD	Guyanese dollar
HKD	Hong Kong dollar
HNL	Honduran lempira
HRK	Croatian kuna
HTG	Haitian gourde
HUF	Hungarian forint
IDR	Indonesian rupiah
IEP	Irish pound (punt in Irish language)
ILS	Israeli new sheqel
INR	Indian rupee
IQD	Iraqi dinar
IRR	Iranian rial
ISK	Icelandic krona
ITL	Italian lira
JMD	Jamaican dollar
JOD	Jordanian dinar
JPY	Japanese yen
KES	Kenyan shilling
KGS	Kyrgyzstani som
KHR	Cambodian riel

KMF	Comoro franc
KPW	North Korean won
KRW	South Korean won
KWD	Kuwaiti dinar
KYD	Cayman Islands dollar
KZT	Kazakhstani tenge
LAK	Lao kip
LBP	Lebanese pound
LKR	Sri Lanka rupee
LRD	Liberian dollar
LSL	Lesotho loti
LTL	Lithuanian litas
LUF	Luxembourg franc (currency union with BEF)
LVL	Latvian lats
LYD	Libyan dinar
MAD	Moroccan dirham
MDL	Moldovan leu
MGA	Malagasy ariary
MGF	Malagasy franc
MKD	Macedonian denar
MMK	Myanmar kyat
MNT	Mongolian tugrik
MOP	Macanese pataca
MRO	Mauritanian ouguiya
MRU	Mauritanian ouguiya
MTL	Maltese lira
MUR	Mauritian rupee
MVR	Maldivian rufiyaa
MWK	Malawian kwacha
MXN	Mexican peso
MXV	Unidad de Inversion (UDI)
MYR	Malaysian ringgit
MZM	Mozambican metical
MZN	Mozambican metical
NAD	Namibian dollar
NGN	Nigerian naira
NIO	Cordoba oro
NLG	Netherlands guilder

NOK	Norwegian krone
NPR	Nepalese rupee
NZD	New Zealand dollar
OMR	Omani rial
PAB	Panamanian balboa
PEN	Peruvian sol
PGK	Papua New Guinean kina
PHP	Philippine piso
PKR	Pakistani rupee
PLN	Polish zloty
PLZ	Polish zloty A/94
PTE	Portuguese escudo
PYG	Paraguayan guarani
QAR	Qatari rial
ROL	Romanian leu A/05
RON	Romanian new leu
RSD	Serbian dinar
RUB	Russian rouble
RWF	Rwandan franc
SAR	Saudi riyal
SBD	Solomon Islands dollar
SCR	Seychelles rupee
SDD	Sudanese dinar
SDG	Sudanese pound
SEK	Swedish krona/kronor
SGD	Singapore dollar
SHP	Saint Helena pound
SIT	Slovenian tolar
SKK	Slovak koruna
SLL	Sierra Leonean leone
SOS	Somali shilling
SRD	Surinamese dollar
SRG	Suriname guilder
SSP	South Sudanese Pound
STD	Sao Tome & Principe Dobra
STN	Sao Tome & Principe Dobra
SVC	Salvadoran colon
SYP	Syrian pound

SZL	Swaziland Lilangeni
THB	Thai baht
TJR	Tajikistani ruble
TJS	Tajikistani somoni
TMM	Turkmenistani manat
TMT	Turkmenistani manat
TND	Tunisian dinar
TOP	Tonga Pa'anga
TPE	East Timor escudo
TRL	Turkish lira A/05
TRY	Turkish lira
TTD	Trinidad and Tobago dollar
TWD	New Taiwan dollar
TZS	Tanzanian shilling
UAH	Ukrainian hryvnia
UGX	Ugandan shilling
USd	United States cent
USD	United States dollar
USD1M	United States dollar 1M forward
USD6M	United States dollar 6M forward
USX	United States Cent
UYI	Uruguay Peso en Unidades Indexadas (URUIURUI)
UYU	Uruguayan peso
UYW	Uruguayan Unidad Previsional
UZS	Uzbekistan som
VEB	Venezuelan bolivar
VEF	Venezuela Bolivar
VES	Venezuelan bolivar
VND	Vietnam Dong
VUV	Vanuatu vatu
WCU	World Currency Unit
WST	Samoan tala
XAF	CFA franc BEAC
XAU	Gold (one troy ounce)
XBA	European Composite Unit (EURCO) (bond market unit)
XBB	European Monetary Unit (E.M.U.-6) (bond market unit)
XBC	European Unit of Account 9 (E.U.A.-9) (bond market unit)
XBT	Bitcoin

XCD	East Caribbean dollar
XCU	World Currency Unit
XCG	Caribbean Guilder
XDR	Special Drawing Rights
XEU	European Currency Unit (1 XEU = 1 EUR)
XFO	Gold franc (special settlement currency)
XOF	CFA Franc BCEAO
XPF	CFP franc
XXC	Cash
XXI	Index level
XXP	Percentage
YER	Yemeni rial
YUM	Yugoslav dinar
ZAR	South African rand
ZMK	Zambian Kwacha
ZMW	Zambian new kwacha
ZRN	Zairean new zaire
ZWD	Zimbabwean dollar A/06
ZWG	Zimbabwe Gold
ZWL	Zimbabwe dollar
ZWN	Zimbabwean dollar A/08
0	Percentage
1	Spanish peseta
2	French franc
3	Pound sterling
4	Cayman Islands dollar
5	United Kingdom Pence
6	Lebanese pound
7	United Kingdom Pence
8	Kuwaiti dinar
9	Saudi riyal
10	European Currency Unit (1 XEU = 1 EUR)
11	United States dollar
12	Canadian dollar
13	United States Cent
14	Canadian cent
15	Iranian rial
16	Special Drawing Rights

17	United States dollar
18	Papua New Guinean kina
19	Philippine piso
20	Percentage
21	Percentage
22	Vanuatu vatu
23	Pound sterling
24	United Arab Emirates dirham
25	Indonesian rupiah
26	CFA Franc BCEAO
27	Pound sterling
28	Pound sterling
29	Qatari rial
30	European Currency Unit (1 XEU = 1 EUR)
31	United States dollar
32	Canadian dollar
33	United States Cent
34	Canadian cent
35	European Monetary Unit (E.M.U.-6) (bond market unit)
36	European Unit of Account 9 (E.U.A.-9) (bond market unit)
37	Botswana pula
38	Cypriot pound
39	Nigerian naira
40	Australian dollar
41	Bahamian dollar
42	East Caribbean dollar
43	New Zealand dollar
44	Trinidad and Tobago dollar
45	Argentine peso
46	Kenyan shilling
47	Tanzanian shilling
48	Ugandan shilling
49	Irish pound (punt in Irish language)
50	Hong Kong dollar
51	Malaysian ringgit
52	Singapore dollar
53	Sri Lanka rupee
54	Pakistani rupee

55	Moroccan dirham
56	Irish pound (punt in Irish language)
57	Indian rupee
58	Zambian Kwacha
59	South African rand
60	Egyptian pound
61	Luxembourg franc (currency union with BEF)
62	Malagasy ariary
63	Venezuelan bolivar
64	Mexican peso
65	Finnish markka
66	Luxembourg franc (currency union with BEF)
67	Israeli new sheqel
68	Greek drachma
69	Russian rouble
70	Austrian schilling
71	Belgian franc (currency union with LUF)
72	Danish krone
73	French franc
74	German mark
75	Netherlands guilder
76	Norwegian krone
77	Portuguese escudo
78	Spanish peseta
79	Swedish krona/kronor
80	Chilean peso
81	Mauritian rupee
82	Jamaican dollar
83	Bermudian dollar
84	Zimbabwe dollar
85	Argentine peso
86	Colombian peso
87	Brazilian real
88	Boliviano
89	Uruguayan peso
90	Italian lira
91	Japanese yen
92	Swiss franc

93	Belgian franc (currency union with LUF)
94	Netherlands Antillean guilder
95	Surinamese dollar
96	Maltese lira
97	Netherlands guilder
98	Integer
100	South Korean won
101	New Taiwan dollar
102	Thai baht
103	Congolese franc
104	Brazilian real
105	Austrian schilling
106	Boliviano
108	CFA Franc BCEAO
109	Danish krone
110	Hong Kong dollar
111	Integer
112	Integer
113	Japanese yen
114	Peruvian sol
116	Swiss franc
117	Thai baht
118	German mark
119	United States dollar
120	German mark
121	Pound sterling
122	Bahraini dinar
123	European Composite Unit (EURCO) (bond market unit)
124	European Unit of Account 9 (E.U.A.-9) (bond market unit)
125	European Unit of Account EUA=DM2.57888
126	European Unit of Account EUA=DM2.55308
127	Percentage
128	European Currency Unit (1 XEU = 1 EUR)
129	European Currency Unit (1 XEU = 1 EUR)
130	New Zealand dollar
131	New Zealand dollar
132	Algerian dinar
133	Aruban florin

134	Japanese yen
135	Jordanian dinar
136	Mexican peso
137	Greek drachma
138	Portuguese escudo
139	Australian dollar
140	Australian dollar
141	Finnish markka
142	French franc
143	Hungarian forint
144	Icelandic krona
145	Italian lira
146	Liberian dollar
147	Malaysian ringgit
148	Malaysian ringgit
149	New Zealand dollar
150	Norwegian krone
151	Philippine piso
152	Philippine piso
153	Sao Tome & Principe Dobra
154	Singapore dollar
155	Singapore dollar
156	South African rand
157	Swedish krona/kronor
158	Turkish lira A/05
159	Turkish lira A/05
160	Albanian lek
161	Bulgarian lev
162	CFP franc
163	Canadian dollar
164	Czech koruna
165	East German Mark of the GDR (East Germany)
166	Indonesian rupiah
167	Italian lira
168	Percentage
169	Polish zloty
170	Romanian leu A/05
171	Serbian dinar

172	Chilean peso
173	Colombian peso
174	Hungarian forint
175	Serbian dinar
176	Barbados dollar
177	Brunei dollar
178	Thai baht
179	Panamanian balboa
180	Afghan afghani
181	Angolan kwanza readjustado
182	Bangladeshi taka
183	Belize dollar
184	Bhutanese ngultrum
185	Burundian franc
186	Cape Verde escudo
187	Chinese yuan
188	Costa Rican colon
189	Cuban peso
190	Djiboutian franc
191	Dominican peso
192	Ecuadorian sucre
193	Salvadoran colon
194	Ethiopian birr
195	Falkland Islands pound
196	Fiji dollar
197	Gambian dalasi
198	Ghanaian cedi (old)
199	Gibraltar pound
200	Guatemalan quetzal
201	Guinean franc
202	Guinea-Bissau peso
203	Guyanese dollar
204	Haitian gourde
205	Honduran lempira
206	Iraqi dinar
207	Cambodian riel
208	Lao kip
209	Lesotho loti

210	Libyan dinar
211	Macanese pataca
212	Malawian kwacha
213	Maldivian rufiyaa
214	Mauritanian ouguiya
215	Mongolian tugrik
216	Mozambican metical
217	Myanmar kyat
218	Nepalese rupee
219	Cordoba oro
220	North Korean won
221	Omani rial
222	Paraguayan guarani
223	Rwandan franc
224	Saint Helena pound
225	Seychelles rupee
226	Sierra Leonean leone
227	Solomon Islands dollar
228	Somali shilling
229	Sudanese dinar
230	Swaziland Lilangeni
231	Syrian pound
232	Tonga Pa'anga
233	Tunisian dinar
234	Vietnam Dong
235	Samoan tala
236	Congolese franc
237	Austrian schilling
238	Belgian franc (currency union with LUF)
239	Boliviano
240	Danish krone
241	European Currency Unit (1 XEU = 1 EUR)
242	Finnish markka
243	Greek drachma
244	Irish pound (punt in Irish language)
245	Italian lira
246	Japanese yen
247	Luxembourg franc (currency union with BEF)

248	Netherlands guilder
249	Norwegian krone
250	Peruvian sol
251	Polish zloty
252	Portuguese escudo
253	Russian rouble
254	South Korean won
255	Spanish peseta
256	Swedish krona/kronor
257	Turkish lira A/05
258	United States dollar
259	Uruguayan peso
260	Venezuelan bolivar
261	Yemeni rial
262	Belgian franc (currency union with LUF)
263	Chinese yuan
264	Croatian kuna
265	Croatian kuna
266	Czech koruna
267	Ecuadorian sucre
268	Estonian kroon
269	Estonian kroon
270	Guinea-Bissau peso
271	Israeli new sheqel
272	Latvian lats
273	Latvian lats
274	Lithuanian litas
275	Lithuanian litas
276	Macedonian denar
277	Republic of North Macedonia denar
278	Moroccan dirham
279	Slovak koruna
280	Slovak koruna
281	Slovenian tolar
282	Slovenian tolar
283	South Korean won
284	New Taiwan dollar
285	Vietnam Dong

286	Congolese franc
287	Polish zloty
288	Namibian dollar
289	Namibian dollar
290	Unidad de Fomento (funds code)
291	Unidad de Fomento (funds code)
292	Icelandic krona
293	Kenyan shilling
294	Paraguayan guarani
295	Bangladeshi taka
296	Indian rupee
297	Pakistani rupee
298	Sri Lanka rupee
299	Nigerian naira
300	Cypriot pound
301	Real-Time Gross Settlement dollars (RTGS)
302	Brazilian real
303	Canadian dollar
304	Angolan kwanza
305	Argentine peso
306	Austrian schilling
307	Bulgarian lev
308	Colombian peso
309	Egyptian pound
310	French franc
311	Georgian lari
312	Georgian lari
313	German mark
314	Ghanaian cedi (old)
315	Jordanian dinar
316	Kuwaiti dinar
317	Kyrgyzstani som
318	Kyrgyzstani som
319	Maltese lira
320	Moldovan leu
321	Moldovan leu
322	Percentage
323	Peruvian sol

324	Romanian leu A/05
325	Saudi riyal
326	Swiss franc
327	Tunisian dinar
328	Turkmenistani manat
329	Turkmenistani manat
330	Venezuelan bolivar
331	Chinese yuan
332	Hong Kong dollar
333	Indonesian rupiah
334	Irish pound (punt in Irish language)
335	Jamaican dollar
336	Kazakhstani tenge
337	Kazakhstani tenge
338	Mexican peso
339	South African rand
340	Thai baht
341	Pound sterling
342	United States dollar
343	Mozambican metical
344	Polish zloty
345	Ukrainian hryvnia
346	Ukrainian hryvnia
347	Barbados dollar
348	Russian rouble
349	Spanish peseta
350	Trinidad and Tobago dollar
351	Armenian dram
352	Armenian dram
353	Armenian dram
354	Azerbaijani manat
355	Azerbaijani manat
356	Azerbaijani manat
357	Bahamian dollar
358	Bangladeshi taka
359	Bermudian dollar
360	Belarusian ruble
361	Belarusian ruble

362	Belarusian ruble
363	Boliviano
364	Cayman Islands dollar
365	Chilean peso
366	Chilean peso
367	Unidad de Fomento (funds code)
368	Unidad de Fomento (funds code)
369	Comoro franc
370	Egyptian pound
371	Indian rupee
372	Israeli new sheqel
373	Jordanian dinar
374	Pakistani rupee
375	South Korean won
376	Sri Lanka rupee
377	New Taiwan dollar
378	Tajikistani somoni
379	Tajikistani somoni
380	Tajikistani somoni
381	Tunisian dinar
382	Uruguayan peso
383	Uzbekistan som
384	Uzbekistan som
385	Uzbekistan som
386	Real-Time Gross Settlement dollars (RTGS)
387	Portuguese escudo
388	Bahraini dinar
389	Bahraini dinar
390	Kuwaiti dinar
391	Saudi riyal
392	United Arab Emirates dirham
393	United Arab Emirates dirham
394	Vietnam Dong
395	Austrian schilling
396	Albanian lek
397	Romanian leu A/05
398	Cypriot pound
399	Maltese lira

400	Icelandic krona
401	Moroccan dirham
402	Kenyan shilling
403	Swaziland Lilangeni
404	Swaziland Lilangeni
405	Ghanaian cedi (old)
406	Nigerian naira
407	Ecuadorian sucre
408	Paraguayan guarani
409	Special Drawing Rights
410	Algerian dinar
411	Algerian dinar
412	Bahamian dollar
413	Barbados dollar
414	Bermudian dollar
415	Bosnia and Herzegovina convertible mark
416	Bosnia and Herzegovina convertible mark
417	Bosnia and Herzegovina convertible mark
418	Botswana pula
419	Botswana pula
420	Brazilian real
421	Bulgarian lev
422	CFP franc
423	Cayman Islands dollar
424	Croatian kuna
425	Czech koruna
426	East Caribbean dollar
427	Estonian kroon
428	Hungarian forint
429	Iranian rial
430	Iranian rial
431	Jamaican dollar
432	Latvian lats
433	Lebanese pound
434	Lebanese pound
435	Lithuanian litas
436	Mauritian rupee
437	Mauritian rupee

438	Namibian dollar
439	Omani rial
440	Omani rial
441	Qatari rial
442	Qatari rial
443	Russian rouble
444	Slovak koruna
445	Slovenian tolar
446	Trinidad and Tobago dollar
447	Turkish lira A/05
448	Zambian Kwacha
449	Zambian Kwacha
450	Danish krone
451	Special Drawing Rights
452	Special Drawing Rights
453	European Currency Unit (1 XEU = 1 EUR)
454	Euro
455	Euro
456	Euro
457	Euro
458	Euro
459	Euro
460	Albanian lek
461	Angolan kwanza
462	Argentine peso
463	Australian dollar
464	Bahraini dinar
465	Bangladeshi taka
466	Belgian franc (currency union with LUF)
467	Bermudian dollar
468	Boliviano
469	Botswana pula
470	Brazilian real
471	Brunei dollar
472	Brunei dollar
473	Bulgarian lev
474	Canadian dollar
475	CFA Franc BCEAO

476	CFA Franc BCEAO
477	Chilean peso
478	Chinese yuan
479	Colombian peso
480	Costa Rican colon
481	Costa Rican colon
482	Croatian kuna
483	Cypriot pound
484	Czech koruna
485	Danish krone
486	Ecuadorian sucre
487	Egyptian pound
488	Estonian kroon
489	Finnish markka
490	French franc
491	Georgian lari
492	German mark
493	Ghanaian cedi (old)
494	Greek drachma
495	Guinea-Bissau peso
496	Hong Kong dollar
497	Hungarian forint
498	Icelandic krona
499	Indian rupee
500	Indonesian rupiah
501	Iraqi dinar
502	Iraqi dinar
503	Irish pound (punt in Irish language)
504	Israeli new sheqel
505	Italian lira
506	Japanese yen
507	Jordanian dinar
508	Kazakhstani tenge
509	Kenyan shilling
510	Kuwaiti dinar
511	Kyrgyzstani som
512	Latvian lats
513	Lebanese pound

514	Liberian dollar
515	Lithuanian litas
516	Luxembourg franc (currency union with BEF)
517	Republic of North Macedonia denar
518	Malaysian ringgit
519	Maldivian rufiyaa
520	Maldivian rufiyaa
521	Mauritanian ouguiya
522	Colombian Unidad de Valor
523	Mexican peso
524	Moldovan leu
525	Moroccan dirham
526	Mozambican metical
527	Netherlands guilder
528	New Zealand dollar
529	Cordoba oro
530	Nigerian naira
531	Norwegian krone
532	Omani rial
533	Pakistani rupee
534	Papua New Guinean kina
535	Papua New Guinean kina
536	Peruvian sol
537	Philippine piso
538	Polish zloty
539	Portuguese escudo
540	Romanian leu A/05
541	Russian rouble
542	Saudi riyal
543	Singapore dollar
544	Slovak koruna
545	Slovenian tolar
546	South African rand
547	South Korean won
548	Spanish peseta
549	Sri Lanka rupee
550	Sudanese dinar
551	Sudanese dinar

552	Swedish krona/kronor
553	Swiss franc
554	Syrian pound
555	Syrian pound
556	New Taiwan dollar
557	Thai baht
558	Tunisian dinar
559	Turkish lira A/05
560	Turkmenistani manat
561	Ukrainian hryvnia
562	United Arab Emirates dirham
563	Uruguayan peso
564	United States dollar
565	Vanuatu vatu
566	Vanuatu vatu
567	Venezuelan bolivar
568	Yemeni rial
569	Yemeni rial
570	Congolese franc
571	Zambian Kwacha
572	Real-Time Gross Settlement dollars (RTGS)
573	European Currency Unit II (Replaced by EUR)
579	Afghan afghani
580	Afghan afghani
581	Bhutanese ngultrum
582	Bhutanese ngultrum
583	CFP franc
584	Cambodian riel
585	Cambodian riel
586	CFA franc BEAC
587	CFA franc BEAC
588	CFA franc BEAC
589	CFA franc BEAC
590	East Caribbean dollar
591	Eritrean nakfa
592	Eritrean nakfa
593	Eritrean nakfa
594	Guinean franc

595	Guinean franc
596	Integer
597	Lao kip
598	Lao kip
599	Malagasy ariary
600	Malagasy ariary
601	Malawian kwacha
602	Malawian kwacha
603	Mongolian tugrik
604	Mongolian tugrik
605	Myanmar kyat
606	Myanmar kyat
607	Nepalese rupee
608	Nepalese rupee
609	North Korean won
610	North Korean won
611	Sao Tome & Principe Dobra
612	Sao Tome & Principe Dobra
613	Sierra Leonean leone
614	Sierra Leonean leone
615	Somali shilling
616	Somali shilling
617	Tanzanian shilling
618	Tanzanian shilling
619	Ugandan shilling
620	Ugandan shilling
621	Serbian dinar
622	Integer
623	Integer
624	Integer
625	Integer
626	Integer
627	Japanese yen (000's)
628	Turkish lira (000's)
629	Euro
630	Hong Kong dollar
631	Albanian lek
632	Algerian dinar

633	Belize dollar
634	Belize dollar
635	Belize dollar
636	Brunei dollar
637	Burundian franc
638	Burundian franc
639	Burundian franc
640	Burundian franc
641	Cayman Islands dollar
642	CFA Franc BCEAO
643	CFA franc BEAC
644	Chilean peso
645	Colombian peso
646	Ecuadorian sucre
647	Fiji dollar
648	Fiji dollar
649	Fiji dollar
650	Gambian dalasi
651	Gambian dalasi
652	Gambian dalasi
653	Ghanaian cedi (old)
654	Guinean franc
655	Guinean franc
656	Indonesian rupiah
657	Kazakhstani tenge
658	Lebanese pound
659	Malawian kwacha
660	Maldivian rufiyaa
661	Maltese lira
662	Mauritanian ouguiya
663	Mauritian rupee
664	Mozambican metical
665	Mozambican metical
666	Papua New Guinean kina
667	Paraguayan guarani
668	Paraguayan guarani
669	Qatari rial
670	Romanian leu A/05

671	South Korean won
672	Tanzanian shilling
673	Tanzanian shilling
674	Turkish lira A/05
675	Ugandan shilling
676	Ugandan shilling
677	Ukrainian hryvnia
678	Vanuatu vatu
679	Venezuelan bolivar
680	Vietnam Dong
681	Vietnam Dong
682	Euro Cent
683	Euro Cent
684	Euro Cent
685	Percentage
686	Afghan afghani
687	Angolan kwanza
688	Argentine peso
689	Armenian dram
690	Aruban florin
691	Aruban florin
692	Aruban florin
693	Australian dollar
694	Azerbaijani manat
695	Bahamian dollar
696	Bahraini dinar
697	Barbados dollar
698	Belarusian ruble
699	Bhutanese ngultrum
700	Bosnia and Herzegovina convertible mark
701	CFP franc
702	Cambodian riel
703	Canadian dollar
704	Cape Verde escudo
705	Cape Verde escudo
706	Cape Verde escudo
707	Comoro franc
708	Comoro franc

709	Comoro franc
710	Congolese franc
711	Costa Rican colon
712	Cuban peso
713	Cuban peso
714	Cuban peso
715	Czech koruna
716	Djiboutian franc
717	Djiboutian franc
718	Djiboutian franc
719	Dominican peso
720	Dominican peso
721	Dominican peso
722	East Caribbean dollar
723	Salvadoran colon
724	Salvadoran colon
725	Salvadoran colon
726	Eritrean nakfa
727	Estonian kroon
728	Ethiopian birr
729	Ethiopian birr
730	Ethiopian birr
731	Georgian lari
732	Guatemalan quetzal
733	Guatemalan quetzal
734	Guatemalan quetzal
735	Guyanese dollar
736	Guyanese dollar
737	Guyanese dollar
738	Haitian gourde
739	Haitian gourde
740	Haitian gourde
741	Honduran lempira
742	Honduran lempira
743	Honduran lempira
744	Hong Kong dollar
745	Hungarian forint
746	Icelandic krona

747	Indonesian rupiah
748	Iranian rial
749	Iraqi dinar
750	Jamaican dollar
751	Kuwaiti dinar
752	Kyrgyzstani som
753	Lao kip
754	Lesotho loti
755	Lesotho loti
756	Lesotho loti
757	Liberian dollar
758	Liberian dollar
759	Libyan dinar
760	Libyan dinar
761	Libyan dinar
762	Macanese pataca
763	Macanese pataca
764	Macanese pataca
765	Republic of North Macedonia denar
766	Malagasy ariary
767	Malaysian ringgit
768	Mexican peso
769	Moldovan leu
770	Mongolian tugrik
771	Myanmar kyat
772	Namibian dollar
773	Nepalese rupee
774	Netherlands Antillean guilder
775	Netherlands Antillean guilder
776	Netherlands Antillean guilder
777	New Zealand dollar
778	Cordoba oro
779	Cordoba oro
780	North Korean won
781	Norwegian krone
782	Panamanian balboa
783	Panamanian balboa
784	Panamanian balboa

785	Romanian leu A/05
786	Rwandan franc
787	Rwandan franc
788	Rwandan franc
789	Sao Tome & Principe Dobra
790	Serbian dinar
791	Seychelles rupee
792	Seychelles rupee
793	Seychelles rupee
794	Sierra Leonean leone
795	Singapore dollar
796	Slovak koruna
797	Solomon Islands dollar
798	Solomon Islands dollar
799	Solomon Islands dollar
800	Somali shilling
801	South African rand
802	Sudanese dinar
803	Surinamese dollar
804	Surinamese dollar
805	Surinamese dollar
806	Swaziland Lilangeni
807	Swedish krona/kronor
808	Swiss franc
809	Syrian pound
810	New Taiwan dollar
811	Tajikistani somoni
812	Tonga Pa'anga
813	Tonga Pa'anga
814	Tonga Pa'anga
815	Trinidad and Tobago dollar
816	Turkish lira A/05
817	Turkish lira A/05
818	Turkmenistani manat
819	Pound sterling
820	Uzbekistan som
821	Samoan tala
822	Samoan tala

823	Samoan tala
824	Yemeni rial
825	Turkish lira
826	Turkish lira
827	Turkish lira
828	Turkish lira
829	Turkish lira
830	Turkish lira
831	Turkish lira
832	Romanian new leu
833	Argentine peso
834	Australian dollar
835	Brazilian real
836	Canadian dollar
837	Chilean peso
838	Danish krone
839	Israeli new sheqel
840	Indian rupee
841	Japanese yen
842	New Zealand dollar
843	United States dollar
844	Romanian new leu
845	Romanian new leu
846	Romanian new leu
847	Romanian new leu
848	Zimbabwe dollar
849	Zimbabwean dollar A/08
850	Zimbabwean dollar A/08
851	Zimbabwean dollar A/08
852	Uruguay Peso en Unidades Indexadas (URUIURUI)
853	Uruguay Peso en Unidades Indexadas (URUIURUI)
854	Uruguay Peso en Unidades Indexadas (URUIURUI)
855	Uruguay Peso en Unidades Indexadas (URUIURUI)
856	Sudanese pound
857	Sudanese pound
858	Sudanese pound
859	Sudanese pound
860	Ghanaian cedi

861	Ghanaian cedi
862	Ghanaian cedi
863	Ghanaian cedi
864	Ghanaian cedi
865	Venezuela bolivar
866	Venezuela Bolivar
867	Venezuela Bolivar
868	Venezuela Bolivar
869	Venezuela Bolivar
870	Real-Time Gross Settlement dollars (RTGS)
871	Real-Time Gross Settlement dollars (RTGS)
872	Unidad de Inversion (UDI)
873	World Currency Unit
874	World Currency Unit
875	World Currency Unit
876	World Currency Unit
877	Chinese yuan - Offshore
878	Chinese yuan - Offshore
879	Chinese yuan - Offshore
880	Chinese yuan - Offshore
881	United Kingdom Pence
882	United Kingdom Pence
883	New Taiwan dollar
884	South Sudanese Pound
885	South Sudanese Pound
886	South Sudanese Pound
887	South Sudanese Pound
888	Negative Percentage
889	Colombian peso
890	Pound sterling
891	Unidad de Inversion (UDI)
892	Unidad de Inversion (UDI)
893	Unidad de Inversion (UDI)
894	Unidad de Inversion (UDI)
895	Unidad de Inversion (UDI)
896	Chinese yuan - Offshore
897	Chinese yuan
898	Indian rupee

899	Zambian new kwacha
900	Zambian new kwacha
901	Zambian new kwacha
902	Zambian new kwacha
903	Percentage
904	Colombian Unidad de Valor
905	Colombian Unidad de Valor
906	Colombian Unidad de Valor
907	Colombian Unidad de Valor
908	Belarusian ruble
909	Belarusian ruble
910	Belarusian ruble
911	Belarusian ruble
912	Bitcoin
913	Bitcoin
914	Bitcoin
915	Bitcoin
916	Sao Tome & Principe Dobra
917	Sao Tome & Principe Dobra
918	Sao Tome & Principe Dobra
919	Sao Tome & Principe Dobra
920	Mauritanian ouguiya
921	Mauritanian ouguiya
922	Mauritanian ouguiya
923	Mauritanian ouguiya
924	Venezuela bolivar
925	Venezuela bolivar
926	Venezuelan bolivar
927	Venezuela bolivar
928	Uruguayan Unidad Previsional
929	Uruguayan Unidad Previsional
930	Uruguayan Unidad Previsional
931	Uruguayan Unidad Previsional
932	South Korean won (000,000s)
933	Negative Percentage
939	Negative Percentage
941	Zimbabwe Gold
942	Zimbabwe Gold

943	Zimbabwe Gold
944	Zimbabwe Gold
945	Caribbean Guilder
946	Caribbean Guilder
947	Caribbean Guilder
948	Caribbean Guilder
999	!NA
1004	Cayman Islands dollar
1006	Lebanese pound
1008	Kuwaiti dinar
1009	Saudi riyal
1015	Iranian rial
1016	Special Drawing Rights
1018	Papua New Guinean kina
1019	Philippine piso
1020	Percentage
1022	Vanuatu vatu
1023	Pound sterling
1024	United Arab Emirates dirham
1025	Indonesian rupiah
1026	CFA Franc BCEAO
1029	Qatari rial
1030	European Currency Unit (1 XEU = 1 EUR)
1031	United States dollar
1032	Canadian dollar
1035	European Monetary Unit (E.M.U.-6) (bond market unit)
1036	European Unit of Account 9 (E.U.A.-9) (bond market unit)
1037	Botswana pula
1038	Cypriot pound
1039	Nigerian naira
1040	Australian dollar
1041	Bahamian dollar
1042	East Caribbean dollar
1043	New Zealand dollar
1044	Trinidad and Tobago dollar
1046	Kenyan shilling
1047	Tanzanian shilling
1048	Ugandan shilling

1050	Hong Kong dollar
1051	Malaysian ringgit
1052	Singapore dollar
1053	Sri Lanka rupee
1054	Pakistani rupee
1055	Moroccan dirham
1056	Irish pound (punt in Irish language)
1057	Indian rupee
1059	South African rand
1060	Egyptian pound
1062	Malagasy ariary
1063	Venezuelan bolivar
1064	Mexican peso
1065	Finnish markka
1066	Luxembourg franc (currency union with BEF)
1067	Israeli new sheqel
1068	Greek drachma
1069	Russian rouble
1070	Austrian schilling
1071	Belgian franc (currency union with LUF)
1072	Danish krone
1073	French franc
1074	German mark
1075	Netherlands guilder
1076	Norwegian krone
1077	Portuguese escudo
1078	Spanish peseta
1079	Swedish krona/kronor
1080	Chilean peso
1081	Mauritian rupee
1082	Jamaican dollar
1083	Bermudian dollar
1084	Zimbabwe dollar
1085	Argentine peso
1086	Colombian peso
1087	Brazilian real
1088	Boliviano
1089	Uruguayan peso

1090	Italian lira
1091	Japanese yen
1092	Swiss franc
1094	Netherlands Antillean guilder
1095	Surinamese dollar
1096	Maltese lira
1100	South Korean won
1101	New Taiwan dollar
1102	Thai baht
1103	Congolese franc
1114	Peruvian sol
1122	Bahraini dinar
1123	European Composite Unit (EURCO) (bond market unit)
1124	European Unit of Account 9 (E.U.A.-9) (bond market unit)
1125	European Unit of Account EUA=DM2.57888
1126	European Unit of Account EUA=DM2.55308
1132	Algerian dinar
1133	Aruban florin
1135	Jordanian dinar
1143	Hungarian forint
1144	Icelandic krona
1146	Liberian dollar
1153	Sao Tome & Principe Dobra
1158	Turkish lira A/05
1160	Albanian lek
1161	Bulgarian lev A/99
1162	CFP franc
1164	Czech koruna
1165	East German Mark of the GDR (East Germany)
1169	Polish zloty
1170	Romanian leu A/05
1171	Serbian dinar
1176	Barbados dollar
1177	Brunei dollar
1179	Panamanian balboa
1180	Afghan afghani
1181	Angolan kwanza readjustado
1182	Bangladeshi taka

1183	Belize dollar
1184	Bhutanese ngultrum
1185	Burundian franc
1186	Cape Verde escudo
1187	Chinese yuan
1188	Costa Rican colon
1189	Cuban peso
1190	Djiboutian franc
1191	Dominican peso
1192	Ecuadorian sucre
1193	Salvadoran colon
1194	Ethiopian birr
1195	Falkland Islands pound
1196	Fiji dollar
1197	Gambian dalasi
1198	Ghanaian cedi (old)
1199	Gibraltar pound
1200	Guatemalan quetzal
1201	Guinean franc
1202	Guinea-Bissau peso
1203	Guyanese dollar
1204	Haitian gourde
1205	Honduran lempira
1206	Iraqi dinar
1207	Cambodian riel
1208	Lao kip
1209	Lesotho loti
1210	Libyan dinar
1211	Macanese pataca
1212	Malawian kwacha
1213	Maldivian rufiyaa
1214	Mauritanian ouguiya
1215	Mongolian tugrik
1216	Mozambican metical
1217	Myanmar kyat
1218	Nepalese rupee
1219	Cordoba oro
1220	North Korean won

1221	Omani rial
1222	Paraguayan guarani
1223	Rwandan franc
1224	Saint Helena pound
1225	Seychelles rupee
1226	Sierra Leonean leone
1227	Solomon Islands dollar
1228	Somali shilling
1229	Sudanese dinar
1230	Swaziland Lilangeni
1231	Syrian pound
1232	Tonga Pa'anga
1233	Tunisian dinar
1234	Vietnam Dong
1235	Samoan tala
1261	Yemeni rial
1264	Croatian kuna
1268	Estonian kroon
1272	Latvian lats
1274	Lithuanian litas
1276	Macedonian denar
1279	Slovak koruna
1281	Slovenian tolar
1288	Namibian dollar
1290	Unidad de Fomento (funds code)
1311	Georgian lari
1317	Kyrgyzstani som
1320	Moldovan leu
1328	Turkmenistani manat
1336	Kazakhstani tenge
1345	Ukrainian hryvnia
1351	Armenian dram
1354	Azerbaijani manat
1360	Belarusian ruble
1369	Comoro franc
1378	Tajikistani somoni
1383	Uzbekistan som
1415	Bosnia and Herzegovina convertible mark

1454	Euro
1573	European Currency Unit II (Replaced by EUR)
1586	CFA franc BEAC
1591	Eritrean nakfa
1825	Turkish lira
1832	Romanian new leu
1848	Zimbabwe dollar
1852	Uruguay Peso en Unidades Indexadas (URUIURUI)
1856	Sudanese pound
1860	Ghanaian cedi
1865	Venezuela bolivar
1873	World Currency Unit
1877	Chinese yuan - Offshore
1884	South Sudanese Pound
1888	Negative Percentage
1889	Colombian peso
1890	Pound sterling
1891	Unidad de Inversion (UDI)
1899	Zambian new kwacha
1908	Belarusian ruble
1909	Belarusian ruble
1913	Bitcoin
1918	Sao Tome & Principe Dobra
1926	Venezuelan bolivar
1930	Uruguayan Unidad Previsional

Appendix E: GICS codes

Code	Description
10	Energy
15	Materials
20	Industrials
25	Consumer Discretionary
30	Consumer Staples
35	Healthcare
40	Financials
45	Information Technology
50	Telecommunication Services

55	Utilities
60	Real Estate
1010	Energy
1510	Materials
2010	Capital Goods
2020	Commercial & Professional Services
2030	Transportation
2510	Automobiles & Components
2520	Consumer Durables & Apparel
2530	Consumer Services
2540	Media
2550	Consumer Discretionary Distribution & Retail
3010	Consumer Staples Distribution & Retail
3020	Food, Beverage & Tobacco
3030	Household & Personal Products
3510	Healthcare Equipment & Services
3520	Pharmaceuticals, Biotechnology & Life Sciences
4010	Banks
4020	Financial Services
4030	Insurance
4040	Real Estate (obsolete)
4510	Software & Services
4520	Technology Hardware & Equipment
4530	Semiconductors & Semiconductor Equipment
5010	Telecommunication Services
5510	Utilities
6010	Equity Real Estate Investment Trusts (REITs)
6020	Real Estate Management & Development
101010	Energy Equipment & Services
101020	Oil, Gas, and Consumable Fuels
151010	Chemicals
151020	Construction Materials
151030	Containers & Packaging
151040	Metals & Mining
151050	Paper & Forest Products
201010	Aerospace & Defense
201020	Building Products
201030	Construction & Engineering

201040	Electrical Equipment
201050	Industrial Conglomerates
201060	Machinery
201070	Trading Companies & Distributors
202010	Commercial Services & Supplies
202020	Professional Services
203010	Air Freight & Logistics
203020	Passenger Airlines
203030	Marine Transportation
203040	Ground Transportation
203050	Transportation Infrastructure
251010	Automobile Components
251020	Automobiles
252010	Household Durables
252020	Leisure Products
252030	Textiles, Apparel & Luxury Goods
253010	Hotels, Restaurants & Leisure
253020	Diversified Consumer Services
254010	Media
255010	Distributors
255020	Internet & Direct Marketing Retail
255030	Broadline Retail
255040	Specialty Retail
301010	Consumer Staples Distribution & Retail
302010	Beverages
302020	Food Products
302030	Tobacco
303010	Household Products
303020	Personal Care Products
351010	Healthcare Equipment & Supplies
351020	Healthcare Providers & Services
351030	Health Care Technology
352010	Biotechnology
352020	Pharmaceuticals
352030	Life Sciences Tools & Services
401010	Banks
401020	Thrifts & Mortgage Finance
402010	Financial Services

402020	Consumer Finance
402030	Capital Markets
402040	Mortgage Real Estate Investment Trusts (REITs)
403010	Insurance
404010	Real Estate (obsolete)
404020	Real Estate Investment Trusts (REITs)
404030	Real Estate Management & Development (obsolete)
451010	Internet Software & Services
451020	IT Services
451030	Software
452010	Communications Equipment
452020	Technology Hardware, Storage & Peripherals
452030	Electronic Equipment, Instruments & Components
452040	Office Electronics
452050	Semiconductor Equipment & Products (obsolete)
453010	Semiconductors & Semiconductor Equipment
501010	Diversified Telecommunication Services
501020	Wireless Telecommunication Services
551010	Electric Utilities
551020	Gas Utilities
551030	Multi-utilities
551040	Water Utilities
551050	Independent Power and Renewable Electricity Producers
601010	Diversified REITs
601020	Real Estate Management & Development
601025	Industrial REITs
601040	Office REITs
601050	Health Care REITs
601060	Residential REITs
601080	Specialized REITs
602010	Real Estate Management & Development
10101010	Oil & Gas Drilling
10101020	Oil & Gas Equipment & Services
10102010	Integrated Oil & Gas
10102020	Oil & Gas Exploration & Production
10102030	Oil & Gas Refining, Marketing
10102040	Oil & Gas Storage & Transportation
10102050	Coal & Consumable Fuels

15101010	Commodity Chemicals
15101020	Diversified Chemicals
15101030	Fertilizers & Agricultural Chemicals
15101040	Industrial Gases
15101050	Specialty Chemicals
15102010	Construction Materials
15103010	Metal, Glass & Plastic Containers
15103020	Paper & Plastic Packaging Products & Materials
15104010	Aluminum
15104020	Diversified Metals & Mining
15104025	Copper
15104030	Gold
15104040	Precious Metals & Minerals
15104045	Silver
15104050	Steel
15105010	Forest Products
15105020	Paper Products
20101010	Aerospace & Defense
20102010	Building Products
20103010	Construction & Engineering
20104010	Electrical Components & Equipment
20104020	Heavy Electrical Equipment
20105010	Industrial Conglomerates
20106010	Construction Machinery & Heavy Transportation Equipment
20106015	Agricultural & Farm Machinery
20106020	Industrial Machinery & Supplies & Components
20107010	Trading Companies & Distributors
20201010	Commercial Printing
20201020	Data Processing Services (obsolete)
20201030	Diversified Commercial & Professional Services (obsolete)
20201040	Human Resource & Employment Services (obsolete)
20201050	Environmental & Facilities Services
20201060	Office Services & Supplies
20201070	Diversified Support Services
20201080	Security & Alarm Services
20202010	Human Resource & Employment Services
20202020	Research & Consulting Services
20202030	Data Processing & Outsourced Services

20301010	Air Freight & Logistics
20302010	Passenger Airlines
20303010	Marine Transportation
20304010	Rail Transportation
20304020	Trucking
20304030	Cargo Ground Transportation
20304040	Passenger Ground Transportation
20305010	Airport Services
20305020	Highways & Railtracks
20305030	Marine Ports & Services
25101010	Automotive Parts & Equipment
25101020	Tires & Rubber
25102010	Automobile Manufacturers
25102020	Motorcycle Manufacturers
25201010	Consumer Electronics
25201020	Home Furnishings
25201030	Homebuilding
25201040	Household Appliances
25201050	Housewares & Specialties
25202010	Leisure Products
25202020	Photographic Products
25203010	Apparel, Accessories & Luxury Goods
25203020	Footwear
25203030	Textiles
25301010	Casinos & Gaming
25301020	Hotels, Resorts & Cruise Lines
25301030	Leisure Facilities
25301040	Restaurants
25302010	Education Services
25302020	Specialized Consumer Services
25401010	Advertising
25401020	Broadcasting
25401025	Cable & Satellite
25401030	Movies & Entertainment
25401040	Publishing
25501010	Distributors
25502010	Catalog Retail (obsolete)
25502020	Internet & Direct Marketing Retail

25503010	Department Stores
25503020	General Merchandise Stores
25503030	Broadline Retail
25504010	Apparel Retail
25504020	Computer & Electronics Retail
25504030	Home Improvement Retail
25504040	Other Specialty Retail
25504050	Automotive Retail
25504060	Home Furnishing Retail
30101010	Drug Retail
30101020	Food Distributors
30101030	Food Retail
30101040	Consumer Staples Merchandise Retail
30201010	Brewers
30201020	Distillers & Vintners
30201030	Soft Drinks & Non-alcoholic Beverages
30202010	Agricultural Products & Services
30202020	Meat, Poultry & Fish (obsolete)
30202030	Packaged Foods & Meats
30203010	Tobacco
30301010	Household Products
30302010	Personal Care Products
35101010	Healthcare Equipment
35101020	Healthcare Supplies
35102010	Healthcare Distributors
35102015	Healthcare Service
35102020	Healthcare Facilities
35102030	Managed Healthcare
35103010	Health Care Technology
35201010	Biotechnology
35202010	Pharmaceuticals
35203010	Life Sciences Tools & Services
40101010	Diversified Banks
40101015	Regional Banks
40102010	Thrifts & Mortgage Finance
40201010	Consumer Finance (obsolete)
40201020	Diversified Financial Services
40201030	Multi-sector Holdings

40201040	Specialized Finance
40201050	Commercial & Residential Mortgage Finance
40201060	Transaction & Payment Processing Services
40202010	Consumer Finance
40203010	Asset Management & Custody Banks
40203020	Investment Banking & Brokerage
40203030	Diversified Capital Markets
40203040	Financial Exchanges & Data
40204010	Mortgage REITs
40301010	Insurance Brokers
40301020	Life & Health Insurance
40301030	Multi-line Insurance
40301040	Property & Casualty Insurance
40301050	Reinsurance
40401010	Real Estate Investment Trusts (obsolete)
40401020	Real Estate Management & Development (obsolete)
40402010	Diversified REITs (obsolete)
40402020	Industrial REITs (obsolete)
40402030	Mortgage REITs (obsolete)
40402035	Hotel & Resort REITs (obsolete)
40402040	Office REITs (obsolete)
40402045	Health Care REITs (obsolete)
40402050	Residential REITs (obsolete)
40402060	Retail REITs (obsolete)
40402070	Specialized REITs (obsolete)
40403010	Diversified Real Estate Activities (obsolete)
40403020	Real Estate Operating Companies (obsolete)
40403030	Real Estate Development (obsolete)
40403040	Real Estate Services (obsolete)
45101010	Internet Software & Services
45102010	IT Consulting & Other Services
45102020	Data Processing & Outsourced Services
45103010	Application Software
45103020	Systems Software
45103030	Home Entertainment Software
45201010	Networking Equipment
45201020	Communications Equipment
45202010	Computer Hardware

45202020	Computer Storage & Peripherals
45202030	Technology Hardware, Storage & Peripherals
45203010	Electronic Equipment & Instruments
45203015	Electronic Components
45203020	Electronic Manufacturing Services
45203030	Technology Distributors
45204010	Office Electronics
45205010	Semiconductor Equipment (obsolete)
45205020	Semiconductors (obsolete)
45301010	Semiconductor Materials & Equipment
45301020	Semiconductors
50101010	Alternative Carriers
50101020	Integrated Telecommunication Services
50102010	Wireless Telecommunication Services
55101010	Electric Utilities
55102010	Gas Utilities
55103010	Multi-utilities
55104010	Water Utilities
55105010	Independent Power Producers & Energy Traders
55105020	Renewable Electricity
60101010	Diversified REITs
60101020	Industrial REITs
60101030	Hotel & Resort REITs
60101040	Office REITs
60101050	Health Care REITs
60101060	Residential REITs
60101070	Retail REITs
60101080	Specialized REITs
60102010	Diversified Real Estate Activities
60102020	Real Estate Operating Companies
60102030	Real Estate Development
60102040	Real Estate Services
60102510	Industrial REITs
60103010	Hotel & Resort REITs
60104010	Office REITs
60105010	Health Care REITs
60106010	Multi-Family Residential REITs
60106020	Single-Family Residential REITs

60107010	Retail REITs
60108010	Other Specialized REITs
60108020	Self-Storage REITs
60108030	Telecom Tower REITs
60108040	Timber REITs
60108050	Data Center REITs
60201010	Diversified Real Estate Activities
60201020	Real Estate Operating Companies
60201030	Real Estate Development
60201040	Real Estate Services

Appendix F: Exchange codes

Code	Description
0	No exchange listing
1	New York Stock Exchange
2	NYSE American
3	NASDAQ Stock Market
4	FINRA OTC Bulletin Board
5	NASDAQ Fund Network (NFN)
6	Bond Indices or OTC NASDAQ Bonds
7	NYSE Bonds Trading Platform
8	Foreign
9	Government/Agency
10	NASDAQ OMX BX
11	Miscellaneous Indices
12	CBOE Non-options
13	NYSE Texas Exchange
14	Montreal Exchange
15	Boston Option Exchange
16	NYSE Arca
17	NASDAQ OMX PHLX
19	Toronto Stock Exchange
20	Miscellaneous
21	Chicago Board Options Exchange
22	S&P Sector Indices
23	Value Line Averages
24	NYSE Amex Options
25	NASDAQ OMX PHLX

26	NYSE Arca - Options
27	International Securities Exchange - Options
28	NASDAQ Options Market
29	FINRA Other OTC
30	Canadian Venture Exchange (CDNX), (formerly Alberta Stock Exchange)
31	TSX Venture Exchange
32	Options Composite/NBBO Pricing
33	International Securities Exchange - Equities
34	CBOE Stock Exchange
35	BATS BZX Exchange
36	NASDAQ OMX BX Options Exchange
37	Miami International Holdings Options Exchange
38	ISE Gemini Exchange
39	IEX
50	Chicago Mercantile Exchange(formerly Chicago Board of Trade)
51	Chicago Mercantile Exchange
52	International Monetary Market at CME
53	Chicago Mercantile Exchange(formerly Commodity Exchange, Inc. (New York) (COMEX)
54	ICE Futures U.S. (formerly New York Cocoa Exchange, NYBOT)
55	New York Coffee and Sugar Exchange
56	ICE Futures U.S. (formerly New York Cotton Exchange, FINEX, NYBOT)
57	Chicago Mercantile Exchange(formerly New York Mercantile Exchange (NYMEX)
58	Kansas City Board of Trade
59	Minneapolis Grain Exchange
60	ICE Futures Canada
61	CBOE Futures Exchange
62	London Cocoa Term Market Association (defunct)
63	London Coffee Term Market Association (defunct)
64	London Grains Futures Market (defunct)
66	NYSE Liffe London (formerly London Commodities Exchange)
67	United Terminal Sugar Market Assn. Ltd. (defunct)
68	AMEX Commodities Exchange
69	ICE Futures U.S. (formerly New York Coffee Sugar and Cocoa Exchange, NYBOT)
70	New Orleans Exchange (defunct)
71	ICE Futures U.S. (formerly New York Futures Exchange, NYCE, NYBOT)
72	Toronto Futures Exchange (TFE) (defunct)
73	NYSE Liffe London (formerly London International Financial Futures Exchange)
74	ICE Futures Europe (formerly International Petroleum Exchange of London, Ltd.)

75	Australian Securities Exchange (formerly Sydney Futures Exchange)
76	Singapore Exchange (formerly SIMEX)
77	Hong Kong Exchanges and Clearing, Ltd. (formerly Hong Kong Futures Exchange)
78	NYSE Liffe Paris (formerly MATIF)
79	Mid-America Commodity Exchange
80	EUREX (formerly Deutsche Terminborse)
81	Osaka Exchange (formerly Tokyo Stock Exchange)
82	Tokyo Financial Exchange (formerly Tokyo International Financial Futures Exchange)
83	Tokyo Commodities Exchange (TOCOM)
84	Osaka Exchange (formerly Osaka Securities Exchange)
85	NASDAQ OMX Futures Exchange (formerly Philadelphia Board of Trade)
86	Mercado EspaC1ol de Futuros Financieros
87	EUREX (formerly Swiss Option and Financial Futures Exchange)
88	Italian Derivatives Exchange Market (formerly Milan Futures Exchange)
89	NYSE Liffe Brussels (formerly Belgian Futures and Options Exchange)
90	Amsterdam Exchange (formerly European Options Exchange)
91	NYSE Liffe Amsterdam (formerly Amsterdam Financial Futures Exchange)
92	Wiener Borse (formerly Austrian Futures and Options Exchange)
93	NASDAQ OMX Stockholm
94	Australian Securities Exchange (formerly New Zealand Futures Exchange)
95	NASDAQ OMX Copenhagen
96	Finnish Securities and Derivatives Exchange (SOM)
97	Tokyo Grain Exchange (TGE)
98	OTC Bulletin Board
99	Other NASDAQ OTC
100	BM&FBOVESPA (formerly Bolsa de Mercadorias & Futoros)
101	Malaysia Derivatives Exchange
102	Malaysia Derivatives Exchange
103	Oslo Bors ASA
104	Singapore Commodity Exchange
105	NYSE Liffe Lisbon (formerly Bolsa de Derivados do Porto)
106	Korean Stock Exchange
107	Korea Exchange (formerly Korea Futures Exchange)
108	JSE Securities Exchange (SAFEX), South Africa
109	Central Japan Commodity Exchange
110	Taiwan Futures Exchange
111	Mercado Mexicano de Derivados (MEXDER, formerly Bolsa de Derivados de Mexico)
112	National Stock Exchange of India

113	London Metal Exchange
114	Warsaw Stock Exchange
115	Russian Trading System
116	Budapest Stock Exchange
117	Thailand Futures Exchange
118	Turkish Derivatives Exchange
119	NYSE Liffe U.S.
120	Athens Exchange
121	Shanghai Futures Exchange
122	Dalian Commodity Exchange
123	The Baltic Exchange
AA1	Over the counter
AA2	Broker
AA3	Unquoted
AA4	Trax - formerly Xtrakter
AA5	Trax - formerly Xtrakter
AA6	Evaluation
AAA	Adelaide, Australia (obsolete)
AAB	Brisbane, Australia (obsolete)
AAC	Cboe, Australia
AAF	ASX TRADE24
AAH	Hobart, Australia (obsolete)
AAM	Melbourne, Australia (obsolete)
AAN	National Stock Exchange of Australia (NSX)
AAO	Australian Options Market (AOM) (obsolete)
AAP	Perth, Australia (obsolete)
AAS	Australian Securities Exchange (ASX), Australia
AAX	Fund Manager
AB1	Over the counter
AB4	Trax - formerly Xtrakter
AB5	Trax - formerly Xtrakter
AB6	Evaluation
AC1	Over the counter
AC2	Broker
AC3	Unquoted
AC4	Trax - formerly Xtrakter
AC5	Trax - formerly Xtrakter
AC6	Evaluation

ACX	Fund Manager
AD1	Over the counter
AD4	Trax - formerly Xtrakter
AD5	Trax - formerly Xtrakter
AD6	Evaluation
AE1	Over the counter
AE4	Trax - formerly Xtrakter
AE5	Trax - formerly Xtrakter
AE6	Evaluation
AF3	Unquoted
AF4	Trax - formerly Xtrakter
AF5	Trax - formerly Xtrakter
AF6	Evaluation
AFS	South Pacific Stock Exchange (SPSE)
AG3	Unquoted
AG4	Trax - formerly Xtrakter
AG5	Trax - formerly Xtrakter
AG6	Evaluation
AH1	Over the counter
AH4	Trax - formerly Xtrakter
AH5	Trax - formerly Xtrakter
AH6	Evaluation
AI3	Unquoted
AI4	Trax - formerly Xtrakter
AI5	Trax - formerly Xtrakter
AI6	Evaluation
AJ1	Over the counter
AJ4	Trax - formerly Xtrakter
AJ5	Trax - formerly Xtrakter
AJ6	Evaluation
AK1	Over the counter
AK4	Trax - formerly Xtrakter
AK5	Trax - formerly Xtrakter
AK6	Evaluation
AL1	Over the counter
AL4	Trax - formerly Xtrakter
AL5	Trax - formerly Xtrakter
AL6	Evaluation

AM1	Over the counter
AM4	Trax - formerly Xtrakter
AM5	Trax - formerly Xtrakter
AM6	Evaluation
AN1	Over the counter
AN2	Broker
AN3	Unquoted
AN4	Trax - formerly Xtrakter
AN5	Trax - formerly Xtrakter
AN6	Evaluation
ANA	Auckland, New Zealand (obsolete)
ANF	NZX Equity Derivatives
ANN	Wellington, New Zealand (obsolete)
ANW	New Zealand Stock Market (NZSX)
ANX	Fund Manager
ANY	Obsolete - formerly New Zealand Debt Market (NZDX)
ANZ	Obsolete - formerly New Zealand Alternative Market (NZAX)
AO3	Unquoted
AO4	Trax - formerly Xtrakter
AO5	Trax - formerly Xtrakter
AO6	Evaluation
AP3	Unquoted
AP4	Trax - formerly Xtrakter
AP5	Trax - formerly Xtrakter
AP6	Evaluation
APP	Port Moresby Stock Exchange (POMSoX)
AQ1	Over the counter
AQ4	Trax - formerly Xtrakter
AQ5	Trax - formerly Xtrakter
AQ6	Evaluation
AR1	Over the counter
AR4	Trax - formerly Xtrakter
AR5	Trax - formerly Xtrakter
AR6	Evaluation
AS3	Unquoted
AS4	Trax - formerly Xtrakter
AS5	Trax - formerly Xtrakter
AS6	Evaluation

ASX	Fund Manager
AT1	Over the counter
AT4	Trax - formerly Xtrakter
AT5	Trax - formerly Xtrakter
AT6	Evaluation
AU3	Unquoted
AU4	Trax - formerly Xtrakter
AU5	Trax - formerly Xtrakter
AU6	Evaluation
AV1	Over the counter
AV2	Broker
AV4	Trax - formerly Xtrakter
AV5	Trax - formerly Xtrakter
AV6	Evaluation
AVX	Fund Manager
AW1	Over the counter
AW4	Trax - formerly Xtrakter
AW5	Trax - formerly Xtrakter
AW6	Evaluation
AX1	Over the counter
AX4	Trax - formerly Xtrakter
AX5	Trax - formerly Xtrakter
AX6	Evaluation
AY1	Over the counter
AY4	Trax - formerly Xtrakter
AY5	Trax - formerly Xtrakter
AY6	Evaluation
AZ1	Over the counter
AZ4	Trax - formerly Xtrakter
AZ5	Trax - formerly Xtrakter
AZ6	Evaluation
BB4	Trax - formerly Xtrakter
BB5	Trax - formerly Xtrakter
BB6	Evaluation
BBB	CME E-MINI
BBC	CME GLOBEX
BBD	CME RTH
BBE	New York Mercantile Exchange (NYMEX) - COMEX

BBF	ECBOT
BBG	Kansas City Board of Trade (KCBT)
BBH	MIAX Futures Exchange
BBK	NYMEX
BBN	OneChicago
BBO	OPRA
BBP	The Green Exchange (GreenX)
BBQ	Obsolete - formerly BATS Exchange (BZX)
BBR	The Small Exchange Futures
BC4	Trax - formerly Xtrakter
BC5	Trax - formerly Xtrakter
BC6	Evaluation
BCA	European Energy Exchange
BD4	Trax - formerly Xtrakter
BD5	Trax - formerly Xtrakter
BD6	Evaluation
BE4	Trax - formerly Xtrakter
BE5	Trax - formerly Xtrakter
BE6	Evaluation
BF4	Trax - formerly Xtrakter
BF5	Trax - formerly Xtrakter
BF6	Evaluation
BG4	Trax - formerly Xtrakter
BG5	Trax - formerly Xtrakter
BG6	Evaluation
BI4	Trax - formerly Xtrakter
BI5	Trax - formerly Xtrakter
BI6	Evaluation
BIA	Euronext Equities and Index Derivatives
BIB	Euronext Interest Rate Derivatives
BIC	Euronext Commodities
BU3	Unquoted
BU4	Trax - formerly Xtrakter
BU5	Trax - formerly Xtrakter
BU6	Evaluation
BW1	Over the counter
BW4	Trax - formerly Xtrakter
BW5	Trax - formerly Xtrakter

BW6	Evaluation
CB3	Unquoted
CB4	Trax - formerly Xtrakter
CB5	Trax - formerly Xtrakter
CB6	Evaluation
CBA	Banja Luka Stock Exchange (BLSE)
CBB	Sarajevo Stock Exchange (SASE)
CF4	Trax - formerly Xtrakter
CF5	Trax - formerly Xtrakter
CF6	Evaluation
CK4	Trax - formerly Xtrakter
CK5	Trax - formerly Xtrakter
CK6	Evaluation
CM4	Trax - formerly Xtrakter
CM5	Trax - formerly Xtrakter
CM6	Evaluation
CMA	Montenegro Stock Exchange (MNSE)
CN3	Unquoted
CN4	Trax - formerly Xtrakter
CN5	Trax - formerly Xtrakter
CN6	Evaluation
CS1	Over the counter
CS4	Trax - formerly Xtrakter
CS5	Trax - formerly Xtrakter
CS6	Evaluation
CV1	Over the counter
CV4	Trax - formerly Xtrakter
CV5	Trax - formerly Xtrakter
CV6	Evaluation
DA1	Over the counter
DA4	Trax - formerly Xtrakter
DA5	Trax - formerly Xtrakter
DA6	Evaluation
DAT	Tirana Stock Exchange (TSE)
DB1	Over the counter
DB2	Broker
DB3	Unquoted
DB4	Trax - formerly Xtrakter

DB5	Trax - formerly Xtrakter
DB6	Evaluation
DBS	Bulgarian Stock Exchange (BSE)
DBX	Fund Manager
DC1	Over the counter
DC2	Broker
DC3	Unquoted
DC4	Trax - formerly Xtrakter
DC5	Trax - formerly Xtrakter
DC6	Evaluation
DCX	Fund Manager
DCZ	Zagreb Stock Exchange (ZSE)
DD1	Over the counter
DD2	Broker
DD4	Trax - formerly Xtrakter
DD5	Trax - formerly Xtrakter
DD6	Evaluation
DDX	Fund Manager
DDY	NASDAQ OMX - Armenia
DE1	Over the counter
DE2	Broker
DE3	Unquoted
DE4	Trax - formerly Xtrakter
DE5	Trax - formerly Xtrakter
DE6	Evaluation
DET	NASDAQ OMX - Tallinn
DEX	Fund Manager
DF3	Unquoted
DF4	Trax - formerly Xtrakter
DF5	Trax - formerly Xtrakter
DF6	Evaluation
DG1	Over the counter
DG2	Broker
DG3	Unquoted
DG4	Trax - formerly Xtrakter
DG5	Trax - formerly Xtrakter
DG6	Evaluation
DGG	Gibraltar Stock Exchange

DGX	Fund Manager
DH4	Trax - formerly Xtrakter
DH5	Trax - formerly Xtrakter
DH6	Evaluation
DHA	Baku Stock Exchange - Baki Fond Birjasi (BFB)
DI3	Unquoted
DI4	Trax - formerly Xtrakter
DI5	Trax - formerly Xtrakter
DI6	Evaluation
DIM	Belarus Currency & Stock Exchange (BCSE)
DJ3	Unquoted
DJ4	Trax - formerly Xtrakter
DJ5	Trax - formerly Xtrakter
DJ6	Evaluation
DJG	Georgian Stock Exchange (GSE)
DK1	Over the counter
DK2	Broker
DK3	Unquoted
DK4	Trax - formerly Xtrakter
DK5	Trax - formerly Xtrakter
DK6	Evaluation
DKR	NASDAQ OMX - Riga
DKX	Fund Manager
DL1	Over the counter
DL2	Broker
DL3	Unquoted
DL4	Trax - formerly Xtrakter
DL5	Trax - formerly Xtrakter
DL6	Evaluation
DLV	NASDAQ OMX - Vilnius
DLX	Fund Manager
DM3	Unquoted
DM4	Trax - formerly Xtrakter
DM5	Trax - formerly Xtrakter
DM6	Evaluation
DMX	Fund Manager
DN1	Over the counter
DN4	Trax - formerly Xtrakter

DN5	Trax - formerly Xtrakter
DN6	Evaluation
DNX	Fund Manager
DO1	Over the counter
DO2	Broker
DO3	Unquoted
DO4	Trax - formerly Xtrakter
DO5	Trax - formerly Xtrakter
DO6	Evaluation
DOA	Kazakhstan Stock Exchange (KASE)
DOS	Astana International Exchange
DOX	Fund Manager
DP3	Unquoted
DP4	Trax - formerly Xtrakter
DP5	Trax - formerly Xtrakter
DP6	Evaluation
DPB	Kyrgyz Stock Exchange (KSE)
DQ1	Over the counter
DQ2	Broker
DQ4	Trax - formerly Xtrakter
DQ5	Trax - formerly Xtrakter
DQ6	Evaluation
DQK	Moldova Stock Exchange (MSE)
DQX	Fund Manager
DR1	Over the counter
DR2	Broker
DR3	Unquoted
DR4	Trax - formerly Xtrakter
DR5	Trax - formerly Xtrakter
DR6	Evaluation
DRB	Bratislava Stock Exchange (BSSE)
DRS	Obsolete - formerly SK RM-S (Slovak Stock Exchange)
DRX	Fund Manager
DS1	Over the counter
DS4	Trax - formerly Xtrakter
DS5	Trax - formerly Xtrakter
DS6	Evaluation
DT1	Over the counter

DT4	Trax - formerly Xtrakter
DT5	Trax - formerly Xtrakter
DT6	Evaluation
DU1	Over the counter
DU2	Broker
DU3	Unquoted
DU4	Trax - formerly Xtrakter
DU5	Trax - formerly Xtrakter
DU6	Evaluation
DUA	Ukrainian Stock Exchange
DUB	Ukrainian Exchange
DUK	PFTS Stock Exchange
DUX	Fund Manager
DV1	Over the counter
DV2	Broker
DV3	Unquoted
DV4	Trax - formerly Xtrakter
DV5	Trax - formerly Xtrakter
DV6	Evaluation
DVL	Ljubljana Stock Exchange
DVX	Fund Manager
DW3	Unquoted
DW4	Trax - formerly Xtrakter
DW5	Trax - formerly Xtrakter
DW6	Evaluation
DX2	Broker
DX4	Trax - formerly Xtrakter
DX5	Trax - formerly Xtrakter
DX6	Evaluation
DXS	Macedonian Stock Exchange (MSE)
DXX	Fund Manager
DY1	Over the counter
DY2	Broker
DY3	Unquoted
DY4	Trax - formerly Xtrakter
DY5	Trax - formerly Xtrakter
DY6	Evaluation
DYC	The International Stock Exchange

DYX	Fund Manager
DZ3	Unquoted
DZ4	Trax - formerly Xtrakter
DZ5	Trax - formerly Xtrakter
DZ6	Evaluation
DZT	Republican Stock Exchange - Tashkent
E	Market Maker Quotation, Eurobonds/equities
E A	Association of International Bond Dealers (AIBD), Eurobonds
E M	Merrill Lynch Source, Eurobonds
E X	Fund manager, Unit trusts
E3	Unquoted
E4	Trax - formerly Xtrakter
E5	Trax - formerly Xtrakter
E6	Evaluation
EA1	Over the counter
EA2	Broker
EA3	Unquoted
EA4	Trax - formerly Xtrakter
EA5	Trax - formerly Xtrakter
EA6	Evaluation
EAO	OTOB Clearing Bank, Austria (obsolete)
EAV	Wiener Boerse AG (Vienna Stock Exchange
EAX	Fund Manager
EB1	Over the counter
EB2	Broker
EB3	Unquoted
EB4	Trax - formerly Xtrakter
EB5	Trax - formerly Xtrakter
EB6	Evaluation
EBA	Antwerp, Belgium (obsolete)
EBB	EURONEXT Brussels
EBC	CRESUS, Belgium
EBC	CRESUS
EBE	L'Echo, Belgium
EBG	Ghent, Belgium (Obsolete)
EBL	Liege, Belgium (Obsolete)
EBN	EURONEXT, Belgium (Obsolete)
EBO	EURONEXT Derivatives - Brussels

EBX	Fund Manager
EC1	Over the Counter
EC2	Broker
EC3	Unquoted
EC4	Trax - formerly Xtrakter
EC5	Trax - formerly Xtrakter
EC6	Evaluation
ECP	Prague Stock Exchange (PX)
ECR	RM-System (RM-S)
ECX	Fund Manager
ED1	Over the counter
ED2	Broker
ED3	Unquoted
ED4	Trax - formerly Xtrakter
ED5	Trax - formerly Xtrakter
ED6	Evaluation
EDA	XETRA
EDB	Boerse Berlin (Berlin Stock Exchange)
EDC	Bremen, Germany (Obsolete)
EDD	Boerse Duesseldorf (Duesseldorf Stock Exchange)
EDE	Xetra Stars - European
EDF	Frankfurter Wertpapierboerse (Frankfurt Stock Exchange) (FWBB)
EDG	Tradegate Exchange, Germany
EDH	Boerse Hamburg (Hamburg Stock Exchange)
EDI	Boerse Hannover (Hannover Stock Exchange
EDJ	Xetra Stars - American
EDM	Boerse Muenchen (Munich Stock Exchange)
EDP	Obsolete - Deutsche Terminborse (DTB)
EDS	Boerse Stuttgart (Stuttgart Stock Exchange)
EDT	European Energy Exchange (EEX)
EDU	Obsolete - formerly Risk Management Exchange
EDX	Fund Manager
EE1	Over the counter
EE2	Broker
EE3	Unquoted
EE4	Trax - formerly Xtrakter
EE5	Trax - formerly Xtrakter
EE6	Evaluation

EEA	Bilbao Stock Exchange
EEB	Barcelona Stock Exchange
EEC	BME - Bolsas Y Mercados Espanoles
EED	AIAF
EEE	Banco de Espana - Mercado de deuda publica
EEM	Bolsa de Madrid
EEO	MEFF Options and Futures, Spain
EEV	Bolsa de Valencia
EEX	Fund Manager
EF1	Over the counter
EF2	Broker
EF3	Unquoted
EF4	Trax - formerly Xtrakter
EF5	Trax - formerly Xtrakter
EF6	Evaluation
EFA	Banque de France
EFB	Bordeaux, France (obsolete)
EFC	EURONEXT Paris
EFD	NYSE BondMatch, France
EFE	Obsolete - formerly La Cote Alphabetique (LCA)
EFF	Marche a Terme International de France (MATIF) (obsolete)
EFG	TradingScreen - Galaxy, France
EFH	Euronext Cleared Borrowing & Lending Market (CBLM)
EFK	Lille, France (obsolete)
EFL	Lyon, France (obsolete)
EFM	Marseilles, France (obsolete)
EFN	EURONEXT, France (Obsolete)
EFO	EURONEXT Derivatives - Paris
EFP	Paris, France (obsolete)
EFR	Nantes, France (obsolete)
EFS	Powernext
EFX	Fund Manager
EG1	Over the Counter
EG2	Broker
EG3	Unquoted
EG4	Trax - formerly Xtrakter
EG5	Trax - formerly Xtrakter
EG6	Evaluation

EGA	Obsolete - formerly BondSpot S.A. (previously MTS-CeTO S.A.)
EGW	Warsaw Stock Exchange (WSE)
EGX	Fund Manager
EH1	Over the counter
EH2	Broker
EH3	Unquoted
EH4	Trax - formerly Xtrakter
EH5	Trax - formerly Xtrakter
EH6	Evaluation
EHA	Athens Exchange (ATHEX)
EHO	Athens Exchange - Derivatives Market (ADEX)
EHX	Fund Manager
EI1	Over the counter
EI2	Broker
EI3	Unquoted
EI4	Trax - formerly Xtrakter
EI5	Trax - formerly Xtrakter
EI6	Evaluation
EIA	BIG (Business Information Group), Italy
EIB	Bologna, Italy (obsolete)
EIC	Borsa Italiana - MTA - Italian Equities Market
EID	Obsolete - formerly Borsa Italiana (SEDEX)
EIE	Obsolete - formerly Borsa Italiana (ETF Plus)
EIF	Florence, Italy (obsolete)
EIG	Genoa, Italy (obsolete)
EIH	Obsolete - formerly Borsa Italiana (Bonds MOT)
EII	Obsolete - formerly Borsa Italiana (AIM Italia)
EIJ	Obsolete - formerly Borsa Italiana - ExtraMOT
EIK	EuroTLX
EIM	Milan, Italy (obsolete)
EIN	Naples, Italy (obsolete)
EIP	Palermo, Italy (obsolete)
EIR	Rome, Italy (obsolete)
EIT	Turin, Italy (obsolete)
EIU	Trieste, Italy (obsolete)
EIV	Venice, Italy (obsolete)
EIX	Fund Manager
EIY	Bond Market (MRF), Italy (obsolete)

EIZ	Borsa Italiana - IDEM - Italian Derivatives Exchange Market
EJ3	Unquoted
EJ4	Trax - formerly Xtrakter
EJ5	Trax - formerly Xtrakter
EJ6	Evaluation
EJB	Belgrade Stock Exchange (BSE)
EK1	Over the counter
EK2	Broker
EK3	Unquoted
EK4	Trax - formerly Xtrakter
EK5	Trax - formerly Xtrakter
EK6	Evaluation
EKB	Bucharest Stock Exchange (BSE)
EKR	Bucharest Stock Exchange (BSE) - RASDAQ
EKX	Fund Manager
EL1	Over the counter
EL2	Broker
EL3	Unquoted
EL4	Trax - formerly Xtrakter
EL5	Trax - formerly Xtrakter
EL6	Evaluation
ELC	Obsolete - formerly Finesti (Formerly CCLux)
ELL	Luxembourg Stock Exchange (LuxX)
ELX	Fund Manager
EM1	Over the counter
EM2	Broker
EM3	Unquoted
EM4	Trax - formerly Xtrakter
EM5	Trax - formerly Xtrakter
EM6	Evaluation
EMB	Budapest Stock Exchange (BSE)
EMX	Fund Manager
EN1	Over the Counter
EN2	Broker
EN3	Unquoted
EN4	Trax - formerly Xtrakter
EN5	Trax - formerly Xtrakter
EN6	Evaluation

ENA	EURONEXT Amsterdam
ENB	Obsolete - formerly TOM MTF Derivatives [TOMD]
ENC	Nxchange
ENH	EURONEXT Derivatives - Amsterdam
ENN	EURONEXT, Netherlands (Obsolete)
ENO	ICE Endex (NDEX)
ENP	Obsolete NYSE Arca Europe (XHFT)
ENX	Fund Manager
EO1	Over the counter
EO2	Broker
EO3	Unquoted
EO4	Trax - formerly Xtrakter
EO5	Trax - formerly Xtrakter
EO6	Evaluation
EON	Cyprus Stock Exchange (CSE)
EOX	Fund Manager
EP1	Over the counter
EP2	Broker
EP3	Unquoted
EP4	Trax - formerly Xtrakter
EP5	Trax - formerly Xtrakter
EP6	Evaluation
EPL	NYSE Euronext - Lisbon
EPP	EURONEXT Derivatives - Lisbon
EPX	Fund Manager
EQ1	Over the counter
EQ2	Broker
EQ3	Unquoted
EQ4	Trax - formerly Xtrakter
EQ5	Trax - formerly Xtrakter
EQ6	Evaluation
EQV	Valletta, Malta
EQX	Fund Manager
ER1	Over the Counter
ER2	Broker
ER3	Unquoted
ER4	Trax - formerly Xtrakter
ER5	Trax - formerly Xtrakter

ER6	Evaluation
ERF	FORTS - Futures and Options on RTS
ERI	Moscow Exchange MICEX
ERM	Moscow Stock Exchange (MSE)
ERN	Novosibirsk Stock Exchange (SIBEX)
ERR	Moscow Exchange Classica
ERS	St Petersburg Stock Exchange (SPBEX))
ERT	NP RTS - RTS Board
ERV	Vladivostok Stock Exchange (VSE)
ERX	Fund Manager
ES1	Over the counter
ES2	Broker
ES3	Unquoted
ES4	Trax - formerly Xtrakter
ES5	Trax - formerly Xtrakter
ES6	Evaluation
ESA	SIX Structured Products Exchange AG (XQMH)
ESB	Basel, Switzerland (obsolete)
ESE	SIX Swiss Exchange
ESF	Swiss Options & Financial Futures Exchange (SOFFEX) (Obsolete)
ESG	Geneva, Switzerland (obsolete)
ESL	Lausanne, Switzerland (obsolete)
ESN	NLIF (Non-Listed Investment Fund), Switzerland
ESR	Berne Exchange (BX)
ESS	St. Gallen, Switzerland (obsolete)
ESV	Obsolete - formerly SWX Europe Limited
ESX	Fund Manager
ESZ	Zurich, Switzerland (obsolete)
ET1	Over the counter
ET2	Broker
ET3	Unquoted
ET4	Trax - formerly Xtrakter
ET5	Trax - formerly Xtrakter
ET6	Evaluation
ETB	BORSA Istanbul Derivatives
ETI	Borsa Istanbul (BIST)
ETJ	Obsolete - formerly Turkish Derivatives Exchange (TurkDEX)
ETX	Fund Manager

EU3	Unquoted
EU4	Trax - formerly Xtrakter
EU5	Trax - formerly Xtrakter
EU6	Evaluation
EUX	Fund Manager
EV1	Over the counter
EV2	Broker
EV3	Unquoted
EV4	Trax - formerly Xtrakter
EV5	Trax - formerly Xtrakter
EV6	Evaluation
EVL	Channel Islands, Jersey
EVX	Fund Manager
EW1	Over the counter
EW2	Broker
EW3	Unquoted
EW4	Trax - formerly Xtrakter
EW5	Trax - formerly Xtrakter
EW6	Evaluation
EWX	Fund Manager
EX1	Over the counter
EX2	Broker
EX3	Unquoted
EX4	Trax - formerly Xtrakter
EX5	Trax - formerly Xtrakter
EX6	Evaluation
EXA	NYSE Euronext Liffe - London
EXB	London Bullion Market, U.K.
EXC	Euronext.liffe Commodities Exchange (obsolete)
EXD	Obsolete - formerly Aquis Exchange
EXE	London Securities and Derivatives Exchange (OMLX), U.K. (obsolete)
EXF	Obsolete - formerly NYSE Euronext - London
EXG	FTSE Russell and Tradeweb
EXH	Turquoise, United Kingdom
EXI	Obsolete - Formerly SEAQ International/Dutch Trading Service
EXJ	TRADEcho
EXK	LSE On-venue/On-book
EXL	London Main Market, U.K.

EXM	London Metals Exchange (LME), U.K.
EXN	ICE Benchmark Administration
EXO	OTC, U.K. (obsolete)
EXP	ICE Futures Europe
EXR	AUTOQUOTE (Obsolete)
EXS	Obsolete - formerly SEATS
EXT	Obsolete
EXU	Unlisted Securities Market, U.K. (Obsolete)
EXV	Aquis Stock Exchange
EXX	Fund Manager
EXY	Barclays Capital, U.K.
EXZ	EDX London Ltd
EY1	Over the counter
EY2	Broker
EY3	Unquoted
EY4	Trax - formerly Xtrakter
EY5	Trax - formerly Xtrakter
EY6	Evaluation
EYX	Fund Manager
EZ1	Over the Counter
EZ2	Broker
EZ3	Unquoted
EZ4	Trax - formerly Xtrakter
EZ5	Trax - formerly Xtrakter
EZ6	Evaluation
EZI	Euronext Dublin
EZO	OTC, Eire (obsolete)
EZS	Irish Small Co. Market, Eire (Obsolete)
EZT	Third market, Eire (obsolete)
EZU	Unlisted Securities Market, Eire (Obsolete)
EZX	Fund Manager
FA1	Over the Counter
FA2	Broker
FA3	Unquoted
FA4	Trax - formerly Xtrakter
FA5	Trax - formerly Xtrakter
FA6	Evaluation
FAD	Obsolete - formerly TAISDAQ

FAF	Taiwan Futures Exchange (TAIFEX)
FAS	Taipei Exchange (TPEx)
FAT	Taiwan Stock Exchange (TWSE)
FAX	Fund Manager
FB1	Over the counter
FB2	Broker
FB3	Unquoted
FB4	Trax - formerly Xtrakter
FB5	Trax - formerly Xtrakter
FB6	Evaluation
FBC	Chittagong Stock Exchange (CSE)
FBD	Dhaka Stock Exchange (DSE)
FBX	Fund Manager
FC1	Over the counter
FC2	Broker
FC3	Unquoted
FC4	Trax - formerly Xtrakter
FC5	Trax - formerly Xtrakter
FC6	Evaluation
FCA	Dalian Commodity Exchange (DCE)
FCB	Shanghai Futures Exchange (SHFE)
FCC	Zhengzhou Commodity Exchange (ZCE)
FCD	Shanghai-HK Stock Connect (Northbound Trading)
FCE	China Foreign Exchange Trade System (CFETS)
FCF	Fujian, Peoples Republic of China (obsolete)
FCG	Shenzhen-HK Stock Connect (Northbound Trading)
FCH	Hainan, Peoples Republic of China (obsolete)
FCI	Bond Connect (Northbound Trading)
FCJ	Shanghai International Energy Exchange
FCK	China Financial Futures Exchange
FCS	Shanghai Stock Exchange (SSE)
FCX	Fund Manager
FCZ	Shenzhen Stock Exchange (SZSE)
FD1	Over the counter
FD2	Broker
FD3	Unquoted
FD4	Trax - formerly Xtrakter
FD5	Trax - formerly Xtrakter

FD6	Evaluation
FDB	Bahrain Bourse
FDX	Fund Manager
FE1	Over the counter
FE4	Trax - formerly Xtrakter
FE5	Trax - formerly Xtrakter
FE6	Evaluation
FF1	Over the counter
FF4	Trax - formerly Xtrakter
FF5	Trax - formerly Xtrakter
FF6	Evaluation
FFA	Myanmar Securities Exchange Centre Co., Ltd
FFB	Yangon Stock Exchange YSX
FG3	Unquoted
FG4	Trax - formerly Xtrakter
FG5	Trax - formerly Xtrakter
FG6	Evaluation
FGT	Tehran Stock Exchange (TSE)
FH1	Over the counter
FH2	Broker
FH3	Unquoted
FH4	Trax - formerly Xtrakter
FH5	Trax - formerly Xtrakter
FH6	Evaluation
FHA	Shanghai-HK Stock Connect (Southbound Trading)
FHB	Shenzhen-HK Stock Connect (Southbound Trading)
FHC	Bond Connect (Southbound Trading)
FHF	Hong Kong Futures Exchange Limited
FHH	Stock Exchange of Hong Kong Limited (HKEx)
FHX	Fund Manager
FI1	Over the counter
FI2	Broker
FI3	Unquoted
FI4	Trax - formerly Xtrakter
FI5	Trax - formerly Xtrakter
FI6	Evaluation
FIA	Metropolitan Stock Exchange Of India Limited
FIB	Bombay Stock Exchange Limited (BSE)

FIC	Calcutta Stock Exchange Association Limited (CSE)
FID	Delhi Stock Exchange Association Limited (DSE)
FIE	Bombay Stock Exchange Limited (BSE) - Unofficial Indian Premium Trading Line
FIG	Bangalore Stock Exchange Limited (BgSE)
FIM	Madras Stock Exchange Limited (MSE)
FIN	National Stock Exchange of India Limited (NSE)
FIO	National Commodity & Derivatives Exchange Ltd. (NCDEX)
FIP	Multi Commodity Exchange of India (MCX)
FIX	Fund Manager
FJ1	Over the counter
FJ2	Broker
FJ3	Unquoted
FJ4	Trax - formerly Xtrakter
FJ5	Trax - formerly Xtrakter
FJ6	Evaluation
FJA	Obsolete - formerly TOKYO AIM
FJE	Tokyo Financial Exchange Inc. (TFX)
FJF	Fukuoka Stock Exchange (FSE)
FJH	Hiroshima, Japan (obsolete)
FJJ	Obsolete - JASDAQ
FJK	Obsolete - Kyoto, Japan
FJN	Nagoya Stock Exchange (NSE)
FJO	Osaka Exchange, Inc. (XOSE)
FJP	Niigata, Japan (obsolete)
FJQ	OTC, Japan (obsolete)
FJS	Sapporo Securities Exchange (SSE)
FJT	Tokyo Stock Exchange Group (TSE)
FJU	Kansai Commodities Exchange (KEX)
FJV	Central Japan Comodity Exchange (C-Com)
FJW	Tokyo Grain Exchange (TGE)
FJX	Fund Manager
FJY	Tokyo Commodity Exchange Inc (TOCOM)
FK1	Over the counter
FK2	Broker
FK3	Unquoted
FK4	Trax - formerly Xtrakter
FK5	Trax - formerly Xtrakter
FK6	Evaluation

FKA	Obsolete - formerly Alien Market
FKK	KOSDAQ, Korea (obsolete)
FKS	Korea
FKX	Fund Manager
FL1	Over the counter
FL2	Broker
FL3	Unquoted
FL4	Trax - formerly Xtrakter
FL5	Trax - formerly Xtrakter
FL6	Evaluation
FLA	Obsolete - formerly Jakarta-Alien Market
FLJ	Indonesia Stock Exchange (IDX)
FLS	Obsolete - formerly Surabaya
FLT	Jakarta Futures Exchange (JFX)
FLX	Fund Manager
FM1	Over the counter
FM2	Broker
FM3	Unquoted
FM4	Trax - formerly Xtrakter
FM5	Trax - formerly Xtrakter
FM6	Evaluation
FMA	Obsolete - formerly Singapore-Alien Market
FMB	Obsolete - formerly CLOB International-Alien Market
FMC	ICE Futures Singapore
FMF	Singapore International Monetary Exchange (SIMEX) (obsolete)
FMS	Singapore Exchange (SGX)
FMT	Singapore Commodity Exchange (SICOM)
FMX	Fund Manager
FN1	Over the counter
FN2	Broker
FN3	Unquoted
FN4	Trax - formerly Xtrakter
FN5	Trax - formerly Xtrakter
FN6	Evaluation
FNA	Obsolete - formerly Bursa Malaysia-Alien Market
FNK	Bursa Malaysia
FNL	Labuan International Financial Exchange (LFX)
FNM	Obsolete - formerly MESDAQ

FNR	Ringgit Bond Market
FNX	Fund Manager
FO1	Over the counter
FO2	Broker
FO3	Unquoted
FO4	Trax - formerly Xtrakter
FO5	Trax - formerly Xtrakter
FO6	Evaluation
FOK	Kuwait Stock Exchange (KSE)
FOX	Fund Manager
FP1	Over the counter
FP2	Broker
FP3	Unquoted
FP4	Trax - formerly Xtrakter
FP5	Trax - formerly Xtrakter
FP6	Evaluation
FPA	Makati, Philippines (obsolete)
FPB	Philippine Dealing & Exchange Corp
FPF	Obsolete - formerly Manila International Futures Exchange (MIFE)
FPM	Philippine Stock Exchange, Inc. (PSE)
FPX	Fund Manager
FQ1	Over the counter
FQ2	Broker
FQ3	Unquoted
FQ4	Trax - formerly Xtrakter
FQ5	Trax - formerly Xtrakter
FQ6	Evaluation
FQI	Obsolete - Islamabad Stock Exchange (Guarantee) Limited
FQK	Pakistan Stock Exchange Limited
FQL	Lahore Stock Exchange (G) Limited (LSE)
FQX	Fund Manager
FR1	Over the counter
FR2	Broker
FR3	Unquoted
FR4	Trax - formerly Xtrakter
FR5	Trax - formerly Xtrakter
FR6	Evaluation
FRA	Amman Stock Exchange (ASE)

FRX	Fund Manager
FS1	Over the counter
FS2	Broker
FS3	Unquoted
FS4	Trax - formerly Xtrakter
FS5	Trax - formerly Xtrakter
FS6	Evaluation
FSC	Colombo Stock Exchange (CSE)
FSX	Fund Manager
FT1	Over the counter
FT2	Broker
FT3	Unquoted
FT4	Trax - formerly Xtrakter
FT5	Trax - formerly Xtrakter
FT6	Evaluation
FTA	Stock Exchange of Thailand (SET) - Foreign Board
FTB	Stock Exchange of Thailand (SET)
FTC	Thailand Futures Exchange (TFEX)
FTD	Market for Alternative Investment (MAI)
FTX	Fund Manager
FU1	Over the Counter
FU2	Broker
FU3	Unquoted
FU4	Trax - formerly Xtrakter
FU5	Trax - formerly Xtrakter
FU6	Evaluation
FUA	Abu Dhabi Securities Exchange (ADX)
FUB	Dubai Financial Market (DFM)
FUD	NASDAQ Dubai
FUE	Dubai Gold and Commodities Exchange (DGCX)
FUF	Gulf Mercantile Exchange
FUG	ICE Futures Abu Dhabi Exchange
FUX	Fund Manager
FV1	Over the counter
FV4	Trax - formerly Xtrakter
FV5	Trax - formerly Xtrakter
FV6	Evaluation
FW1	Over the counter

FW2	Broker
FW3	Unquoted
FW4	Trax - formerly Xtrakter
FW5	Trax - formerly Xtrakter
FW6	Evaluation
FWR	Saudi Stock Exchange (Tadawul)
FWX	Fund Manager
FX1	Over the Counter
FX3	Unquoted
FX4	Trax - formerly Xtrakter
FX5	Trax - formerly Xtrakter
FX6	Evaluation
FXB	Beirut Stock Exchange (BSE)
FY1	Over the counter
FY4	Trax - formerly Xtrakter
FY5	Trax - formerly Xtrakter
FY6	Evaluation
FZ1	Over the counter
FZ2	Broker
FZ3	Unquoted
FZ4	Trax - formerly Xtrakter
FZ5	Trax - formerly Xtrakter
FZ6	Evaluation
FZT	Tel-Aviv Stock Exchange (TASE)
FZX	Fund Manager
GA1	Over the counter
GA4	Trax - formerly Xtrakter
GA5	Trax - formerly Xtrakter
GA6	Evaluation
GB1	Over the counter
GB4	Trax - formerly Xtrakter
GB5	Trax - formerly Xtrakter
GB6	Evaluation
GC1	Over the counter
GC4	Trax - formerly Xtrakter
GC5	Trax - formerly Xtrakter
GC6	Evaluation
GD3	Unquoted

GD4	Trax - formerly Xtrakter
GD5	Trax - formerly Xtrakter
GD6	Evaluation
GE1	Over the Counter
GE3	Unquoted
GE4	Trax - formerly Xtrakter
GE5	Trax - formerly Xtrakter
GE6	Evaluation
GEN	Palestine Exchange (PEX)
GI1	Over the counter
GI4	Trax - formerly Xtrakter
GI5	Trax - formerly Xtrakter
GI6	Evaluation
GJ1	Over the counter
GJ4	Trax - formerly Xtrakter
GJ5	Trax - formerly Xtrakter
GJ6	Evaluation
GJA	Cambodia Securities Exchange (CSX)
GK1	Over the counter
GK4	Trax - formerly Xtrakter
GK5	Trax - formerly Xtrakter
GK6	Evaluation
GL1	Over the counter
GL4	Trax - formerly Xtrakter
GL5	Trax - formerly Xtrakter
GL6	Evaluation
GLA	Lao Securities Exchange
GM1	Over the counter
GM4	Trax - formerly Xtrakter
GM5	Trax - formerly Xtrakter
GM6	Evaluation
GN1	Over the counter
GN4	Trax - formerly Xtrakter
GN5	Trax - formerly Xtrakter
GN6	Evaluation
GNN	Nepal Stock Exchange (NEPSE)
GO1	Over the counter
GO3	Unquoted

GO4	Trax - formerly Xtrakter
GO5	Trax - formerly Xtrakter
GO6	Evaluation
GOM	Muscat Stock Exchange
GP3	Unquoted
GP4	Trax - formerly Xtrakter
GP5	Trax - formerly Xtrakter
GP6	Evaluation
GPU	Mongolian Stock Exchange (MSE)
GQ3	Unquoted
GQ4	Trax - formerly Xtrakter
GQ5	Trax - formerly Xtrakter
GQ6	Evaluation
GQD	Qatar Exchange (QE)
GS3	Unquoted
GS4	Trax - formerly Xtrakter
GS5	Trax - formerly Xtrakter
GS6	Evaluation
GSX	Fund Manager
GT1	Over the counter
GT4	Trax - formerly Xtrakter
GT5	Trax - formerly Xtrakter
GT6	Evaluation
GU1	Over the counter
GU4	Trax - formerly Xtrakter
GU5	Trax - formerly Xtrakter
GU6	Evaluation
GV3	Unquoted
GV4	Trax - formerly Xtrakter
GV5	Trax - formerly Xtrakter
GV6	Evaluation
GVH	HoChiMinh Stock Exchange (HOSE)
GVI	Hanoi Stock Exchange (HNX)
GY1	Over the counter
GY4	Trax - formerly Xtrakter
GY5	Trax - formerly Xtrakter
GY6	Evaluation
HA4	Trax - formerly Xtrakter

HA5	Trax - formerly Xtrakter
HA6	Evaluation
HR1	Over the counter
HR4	Trax - formerly Xtrakter
HR5	Trax - formerly Xtrakter
HR6	Evaluation
HW1	Over the counter
HW4	Trax - formerly Xtrakter
HW5	Trax - formerly Xtrakter
HW6	Evaluation
IN4	Trax - formerly Xtrakter
IN5	Trax - formerly Xtrakter
IN6	Evaluation
IND	Index
JA1	Over the counter
JA4	Trax - formerly Xtrakter
JA5	Trax - formerly Xtrakter
JA6	Evaluation
JB1	Over the counter
JB4	Trax - formerly Xtrakter
JB5	Trax - formerly Xtrakter
JB6	Evaluation
JC3	Unquoted
JC4	Trax - formerly Xtrakter
JC5	Trax - formerly Xtrakter
JC6	Evaluation
JD1	Over the counter
JD4	Trax - formerly Xtrakter
JD5	Trax - formerly Xtrakter
JD6	Evaluation
JE1	Over the counter
JE4	Trax - formerly Xtrakter
JE5	Trax - formerly Xtrakter
JE6	Evaluation
JF3	Unqouted
JF4	Trax - formerly Xtrakter
JF5	Trax - formerly Xtrakter
JF6	Evaluation

JG3	Unquoted
JG4	Trax - formerly Xtrakter
JG5	Trax - formerly Xtrakter
JG6	Evaluation
JH1	Over the counter
JH4	Trax - formerly Xtrakter
JH5	Trax - formerly Xtrakter
JH6	Evaluation
JI1	Over the counter
JI4	Trax - formerly Xtrakter
JI5	Trax - formerly Xtrakter
JI6	Evaluation
JJ1	Over the counter
JJ2	Broker
JJ4	Trax - formerly Xtrakter
JJ5	Trax - formerly Xtrakter
JJ6	Evaluation
JJX	Fund Manager
JK1	Over the counter
JK4	Trax - formerly Xtrakter
JK5	Trax - formerly Xtrakter
JK6	Evaluation
JL1	Over the counter
JL4	Trax - formerly Xtrakter
JL5	Trax - formerly Xtrakter
JL6	Evaluation
JLA	Libyan Stock Market (LSM)
JM3	Unquoted
JM4	Trax - formerly Xtrakter
JM5	Trax - formerly Xtrakter
JM6	Evaluation
JMM	Bolsa de Valores de Mozambique (BVM)
JN1	Over the counter
JN4	Trax - formerly Xtrakter
JN5	Trax - formerly Xtrakter
JN6	Evaluation
JO1	Over the counter
JO4	Trax - formerly Xtrakter

JO5	Trax - formerly Xtrakter
JO6	Evaluation
JOA	Bolsa de Valores de Cabo Verde (XBVC)
JP3	Unquoted
JP4	Trax - formerly Xtrakter
JP5	Trax - formerly Xtrakter
JP6	Evaluation
JQ3	Unquoted
JQ4	Trax - formerly Xtrakter
JQ5	Trax - formerly Xtrakter
JQ6	Evaluation
JR1	Over the counter
JR4	Trax - formerly Xtrakter
JR5	Trax - formerly Xtrakter
JR6	Evaluation
JRR	Rwanda Stock Exchange
JS1	Over the counter
JS4	Trax - formerly Xtrakter
JS5	Trax - formerly Xtrakter
JS6	Evaluation
JT3	Unquoted
JT4	Trax - formerly Xtrakter
JT5	Trax - formerly Xtrakter
JT6	Evaluation
JU1	Over the counter
JU4	Trax - formerly Xtrakter
JU5	Trax - formerly Xtrakter
JU6	Evaluation
JV1	Over the counter
JV4	Trax - formerly Xtrakter
JV5	Trax - formerly Xtrakter
JV6	Evaluation
JW1	Over the counter
JW4	Trax - formerly Xtrakter
JW5	Trax - formerly Xtrakter
JW6	Evaluation
JX3	Unquoted
JX4	Trax - formerly Xtrakter

JX5	Trax - formerly Xtrakter
JX6	Evaluation
JXW	Namibian Stock Exchange (NSX)
JY1	Over the counter
JY4	Trax - formerly Xtrakter
JY5	Trax - formerly Xtrakter
JY6	Evaluation
JZ1	Over the counter
JZ4	Trax - formerly Xtrakter
JZ5	Trax - formerly Xtrakter
JZ6	Evaluation
KA1	Over the counter
KA4	Trax - formerly Xtrakter
KA5	Trax - formerly Xtrakter
KA6	Evaluation
KAA	Angolan Stock Exchange (BVA)
KB1	Over the counter
KB2	Broker
KB3	Unquoted
KB4	Trax - formerly Xtrakter
KB5	Trax - formerly Xtrakter
KB6	Evaluation
KBG	Botswana Stock Exchange (BSE)
KBX	Fund Manager
KC1	Over the counter
KC4	Trax - formerly Xtrakter
KC5	Trax - formerly Xtrakter
KC6	Evaluation
KCA	Algiers, Algeria
KD3	Unquoted
KD4	Trax - formerly Xtrakter
KD5	Trax - formerly Xtrakter
KD6	Evaluation
KDK	Khartoum Stock Exchange (KSE)
KE1	Over the counter
KE2	Broker
KE3	Unquoted
KE4	Trax - formerly Xtrakter

KE5	Trax - formerly Xtrakter
KE6	Evaluation
KEA	Obsolete - formerly Alexandria
KEC	The Egyptian Exchange (EGX)
KED	NILEX - Nile Stock Exchange (NILX)
KEX	Fund Manager
KF1	Over the counter
KF4	Trax - formerly Xtrakter
KF5	Trax - formerly Xtrakter
KF6	Evaluation
KG3	Unquoted
KG4	Trax - formerly Xtrakter
KG5	Trax - formerly Xtrakter
KG6	Evaluation
KH1	Over the counter
KH4	Trax - formerly Xtrakter
KH5	Trax - formerly Xtrakter
KH6	Evaluation
KHA	Addis Ababa
KI3	Unquoted
KI4	Trax - formerly Xtrakter
KI5	Trax - formerly Xtrakter
KI6	Evaluation
KIA	Obsolete - formerly Abidjan
KJ3	Unquoted
KJ4	Trax - formerly Xtrakter
KJ5	Trax - formerly Xtrakter
KJ6	Evaluation
KJA	Ghana Stock Exchange (GSE)
KK1	Over the counter
KK2	Broker
KK3	Unquoted
KK4	Trax - formerly Xtrakter
KK5	Trax - formerly Xtrakter
KK6	Evaluation
KKN	Nairobi Securities Exchange (NSE)
KKX	Fund Manager
KL3	Unquoted

KL4	Trax - formerly Xtrakter
KL5	Trax - formerly Xtrakter
KL6	Evaluation
KM1	Over the counter
KM3	Unquoted
KM4	Trax - formerly Xtrakter
KM5	Trax - formerly Xtrakter
KM6	Evaluation
KMC	Casablanca Stock Exchange
KN1	Over the counter
KN2	Broker
KN3	Unquoted
KN4	Trax - formerly Xtrakter
KN5	Trax - formerly Xtrakter
KN6	Evaluation
KNL	Nigerian Stock Exchange (NSE)
KNX	Fund Manager
KO1	Over the counter
KO4	Trax - formerly Xtrakter
KO5	Trax - formerly Xtrakter
KO6	Evaluation
KOL	Malawi Stock Exchange (MSE)
KP1	Over the Counter
KP2	Broker
KP3	Unquoted
KP4	Trax - formerly Xtrakter
KP5	Trax - formerly Xtrakter
KP6	Evaluation
KPP	Stock Exchange of Mauritius (SEM)
KPX	Fund Manager
KQ3	Unquoted
KQ4	Trax - formerly Xtrakter
KQ5	Trax - formerly Xtrakter
KQ6	Evaluation
KR1	Over the counter
KR2	Broker
KR3	Unquoted
KR4	Trax - formerly Xtrakter

KR5	Trax - formerly Xtrakter
KR6	Evaluation
KRS	Zimbabwe Stock Exchange (ZSE)
KRX	Fund Manager
KS1	Over the counter
KS2	Broker
KS3	Unquoted
KS4	Trax - formerly Xtrakter
KS5	Trax - formerly Xtrakter
KS6	Evaluation
KSA	Obsolete - formerly AltX (Alternative Exchange)
KSB	Obsolete - formerly Bond Exchange of South Africa (BESA)
KSJ	JSE Securities Exchange (JSE)
KSK	JSE Commodity Derivatives Market
KSL	JSE Yield X
KSM	JSE Derivatives Market
KSN	South Africa A2X
KSX	Fund Manager
KT3	Unquoted
KT4	Trax - formerly Xtrakter
KT5	Trax - formerly Xtrakter
KT6	Evaluation
KTD	Dar-es-Salaam Stock Exchange (DSE)
KU3	Unquoted
KU4	Trax - formerly Xtrakter
KU5	Trax - formerly Xtrakter
KU6	Evaluation
KUK	Uganda Securities Exchange (USE)
KV1	Over the counter
KV3	Unquoted
KV4	Trax - formerly Xtrakter
KV5	Trax - formerly Xtrakter
KV6	Evaluation
KVT	Tunis Stock Exchange - Bourse De Tunis
KW1	Over the counter
KW4	Trax - formerly Xtrakter
KW5	Trax - formerly Xtrakter
KW6	Evaluation

KX3	Unquoted
KX4	Trax - formerly Xtrakter
KX5	Trax - formerly Xtrakter
KX6	Evaluation
KXM	Swaziland Stock Exchange (SSX)
KY1	Over the counter
KY4	Trax - formerly Xtrakter
KY5	Trax - formerly Xtrakter
KY6	Evaluation
KZ1	Over the counter
KZ2	Broker
KZ3	Unquoted
KZ4	Trax - formerly Xtrakter
KZ5	Trax - formerly Xtrakter
KZ6	Evaluation
KZL	Lusaka Stock Exchange (LuSE)
KZX	Fund Manager
LA1	Over the counter
LA2	Broker
LA3	Unquoted
LA4	Trax - formerly Xtrakter
LA5	Trax - formerly Xtrakter
LA6	Evaluation
LAB	Bolsa de Comercio de Buenos Aires (BCBA)
LAC	Bolsa de Comercio de CC3rdoba
LAD	Mercado A TC)rmino de Buenos Aires (MATba)
LAE	Bolsa de Comercio de Rosario
LAX	Fund Manager
LB1	Over the counter
LB2	Broker
LB3	Unquoted
LB4	Trax - formerly Xtrakter
LB5	Trax - formerly Xtrakter
LB6	Evaluation
LBA	(ANBIMA) - (Brazilian Financial and Capital Markets Association)
LBB	Bolsa de Valores D O Parana
LBC	Cetip
LBM	Sociedade Operadora do Mercado de Ativos S.A. (SOMA), Brazil (obsolete)

LBR	Bolsa de Valores do Rio de Janeiro (BVRJ), Brazil
LBS	B3 S.A. - Brasil Bolsa Balcao
LBX	Fund Manager
LC1	Over the counter
LC2	Broker
LC3	Unquoted
LC4	Trax - formerly Xtrakter
LC5	Trax - formerly Xtrakter
LC6	Evaluation
LCL	Bolsa Electronica de Chile (BEC)
LCS	Bolsa de Comercio de Santiago (BCS)
LCX	Fund Manager
LD1	Over the Counter
LD2	Broker
LD3	Unquoted
LD4	Trax - formerly Xtrakter
LD5	Trax - formerly Xtrakter
LD6	Evaluation
LDL	Bolsa Boliviana de Valores SA (BBV)
LDX	Fund Manager
LE1	Over the counter
LE2	Broker
LE3	Unquoted
LE4	Trax - formerly Xtrakter
LE5	Trax - formerly Xtrakter
LE6	Evaluation
LEX	Fund Manager
LF1	Over the counter
LF2	Broker
LF3	Unquoted
LF4	Trax - formerly Xtrakter
LF5	Trax - formerly Xtrakter
LF6	Evaluation
LFC	Cayman Islands Stock Exchange (CSX)
LFX	Fund Manager
LG3	Unquoted
LG4	Trax - formerly Xtrakter
LG5	Trax - formerly Xtrakter

LG6	Evaluation
LGX	Fund Manager
LH3	Unquoted
LH4	Trax - formerly Xtrakter
LH5	Trax - formerly Xtrakter
LH6	Evaluation
LI1	Over the counter
LI2	Broker
LI3	Unquoted
LI4	Trax - formerly Xtrakter
LI5	Trax - formerly Xtrakter
LI6	Evaluation
LIB	Barbados Stock Exchange (BSE)
LIX	Fund Manager
LJ1	Over the counter
LJ2	Broker
LJ3	Unquoted
LJ4	Trax - formerly Xtrakter
LJ5	Trax - formerly Xtrakter
LJ6	Evaluation
LJK	Jamaica Stock Exchange (JSE)
LJX	Fund Manager
LK1	Over the counter
LK2	Broker
LK3	Unquoted
LK4	Trax - formerly Xtrakter
LK5	Trax - formerly Xtrakter
LK6	Evaluation
LK6	Evaluation
LKG	Bolsa de Valores de Guayaquil (BVG)
LKQ	Bolsa de Valores de Quito (BVQ)
LKX	Fund Manager
LL1	Over the counter
LL2	Broker
LL3	Unquoted
LL4	Trax - formerly Xtrakter
LL5	Trax - formerly Xtrakter
LL6	Evaluation

LLB	Bolsa de Valores de Colombia (BVC)
LLM	Medellin (obsolete)
LLX	Fund Manager
LM1	Over the counter
LM2	Broker
LM3	Unquoted
LM4	Trax - formerly Xtrakter
LM5	Trax - formerly Xtrakter
LM6	Evaluation
LMM	Bolsa Mexicana de Valores (BMV)
LMN	Mercado Mexicano de Derivados (MexDer)
LMX	Fund Manager
LN1	Over the counter
LN2	Broker
LN3	Unquoted
LN4	Trax - formerly Xtrakter
LN5	Trax - formerly Xtrakter
LN6	Evaluation
LNL	Obsolete
LNX	Fund Manager
LO3	Unquoted
LO4	Trax - formerly Xtrakter
LO5	Trax - formerly Xtrakter
LO6	Evaluation
LOS	Bolsa Nacional de Valores (BNV)
LP1	Over the counter
LP2	Broker
LP3	Unquoted
LP4	Trax - formerly Xtrakter
LP5	Trax - formerly Xtrakter
LP6	Evaluation
LPL	Bolsa de Valores de Lima (BVL)
LPX	Fund Manager
LQ3	Unquoted
LQ4	Trax - formerly Xtrakter
LQ5	Trax - formerly Xtrakter
LQ6	Evaluation
LQG	Bolsa de Valores Nacional (BVN)

LR3	Unquoted
LR4	Trax - formerly Xtrakter
LR5	Trax - formerly Xtrakter
LR6	Evaluation
LRP	Bolsa de Valores de Panama (BVP)
LRX	Fund Manager
LS3	Unquoted
LS4	Trax - formerly Xtrakter
LS5	Trax - formerly Xtrakter
LS6	Evaluation
LSS	Bolsa de Valores de El Salvador (BVES)
LT3	Unquoted
LT4	Trax - formerly Xtrakter
LT5	Trax - formerly Xtrakter
LT6	Evaluation
LTP	Trinidad & Tobago Stock Exchange (TTSE)
LU1	Over the counter
LU2	Broker
LU3	Unquoted
LU4	Trax - formerly Xtrakter
LU5	Trax - formerly Xtrakter
LU6	Evaluation
LUB	Bolsa Electronica de Valores del Uruguay S.A.
LUM	Bolsa de Valores de Montevideo (BVM)
LUX	Fund Manager
LV1	Over the counter
LV2	Broker
LV3	Unquoted
LV4	Trax - formerly Xtrakter
LV5	Trax - formerly Xtrakter
LV6	Evaluation
LVC	Bolsa de Valores de Caracas (BVC)
LVX	Fund Manager
LW3	Unquoted
LW4	Trax - formerly Xtrakter
LW5	Trax - formerly Xtrakter
LW6	Evaluation
LX3	Unquoted

LX4	Trax - formerly Xtrakter
LX5	Trax - formerly Xtrakter
LX6	Evaluation
LXT	Bolsa Centroamericana de Valores SA (BCV), Honduras
LY3	Unquoted
LY4	Trax - formerly Xtrakter
LY5	Trax - formerly Xtrakter
LY6	Evaluation
LYM	Bolsa de Valores de Nicaragua (BVDN)
LZ3	Unquoted
LZ4	Trax - formerly Xtrakter
LZ5	Trax - formerly Xtrakter
LZ6	Evaluation
LZA	Bolsa de Valores de Asuncion, Paraguay
MA3	Unquoted
MA4	Trax - formerly Xtrakter
MA5	Trax - formerly Xtrakter
MA6	Evaluation
MB3	Unquoted
MB4	Trax - formerly Xtrakter
MB5	Trax - formerly Xtrakter
MB6	Evaluation
MBX	Fund Manager
MC3	Unquoted
MC4	Trax - formerly Xtrakter
MC5	Trax - formerly Xtrakter
MCX	Fund Manager
MD3	Unquoted
MD4	Trax - formerly Xtrakter
MD5	Trax - formerly Xtrakter
MD6	Evaluation
MDB	Bolsa de Valores de la Republica Dominicana (BVRD)
MDX	Fund Manager
ME3	Unquoted
ME4	Trax - formerly Xtrakter
ME5	Trax - formerly Xtrakter
ME6	Evaluation
MF1	Over the counter

MF4	Trax - formerly Xtrakter
MF5	Trax - formerly Xtrakter
MF6	Evaluation
MG3	Unquoted
MG4	Trax - formerly Xtrakter
MG5	Trax - formerly Xtrakter
MG6	Evaluation
MGX	Fund Manager
MH1	Over the counter
MH4	Trax - formerly Xtrakter
MH5	Trax - formerly Xtrakter
MH6	Evaluation
MI1	Over the counter
MI4	Trax - formerly Xtrakter
MI5	Trax - formerly Xtrakter
MI6	Evaluation
MJ3	Unquoted
MJ4	Trax - formerly Xtrakter
MJ5	Trax - formerly Xtrakter
MJ6	Evaluation
MK1	Over the counter
MK4	Trax - formerly Xtrakter
MK5	Trax - formerly Xtrakter
MK6	Evaluation
ML1	Over the counter
ML4	Trax - formerly Xtrakter
ML5	Trax - formerly Xtrakter
ML6	Evaluation
MM1	Over the counter
MM4	Trax - formerly Xtrakter
MM5	Trax - formerly Xtrakter
MM6	Evaluation
MN1	Over the counter
MN4	Trax - formerly Xtrakter
MN5	Trax - formerly Xtrakter
MN6	Evaluation
MO1	Over the counter
MO4	Trax - formerly Xtrakter

MO5	Trax - formerly Xtrakter
MO6	Evaluation
MP1	Over the counter
MP4	Trax - formerly Xtrakter
MP5	Trax - formerly Xtrakter
MP6	Evaluation
MQ1	Over the counter
MQ4	Trax - formerly Xtrakter
MQ5	Trax - formerly Xtrakter
MQ6	Evaluation
MR1	Over the counter
MR4	Trax - formerly Xtrakter
MR5	Trax - formerly Xtrakter
MR6	Evaluation
MS3	Unquoted
MS4	Trax - formerly Xtrakter
MS5	Trax - formerly Xtrakter
MS6	Evaluation
MT3	Unquoted
MT4	Trax - formerly Xtrakter
MT5	Trax - formerly Xtrakter
MT6	Evaluation
MTE	Eastern Caribbean Securities Exchange (ECSE)
MU3	Unquoted
MU4	Trax - formerly Xtrakter
MU5	Trax - formerly Xtrakter
MU6	Evaluation
MUX	Fund Manager
MV3	Unquoted
MV4	Trax - formerly Xtrakter
MV5	Trax - formerly Xtrakter
MV6	Evaluation
MW3	Unquoted
MW4	Trax - formerly Xtrakter
MW5	Trax - formerly Xtrakter
MW6	Evaluation
NA1	Over the counter
NA2	Broker

NA3	Unquoted
NA4	Trax - formerly Xtrakter
NA5	Trax - formerly Xtrakter
NA6	Evaluation
NA7	Investors Exchange
NAA	NYSE American
NAB	Long-Term Stock Exchange
NAC	National Stock Exchange
NAD	Obsolete - formerly Boston Options Exchange
NAE	Chicago Board Options Exchange (CBOE), U.S.
NAF	Obsolete - CBOE Futures Exchange
NAG	Obsolete - Chicago Mercantile Exchange
NAH	ICE Futures US
NAI	Pink Sheets
NAJ	Obsolete - New York Mercantile Exchange
NAK	ICAP Electronic Broking
NAL	OOTC (Other OTC)
NAM	NYSE Texas
NAN	Composite prices, U.S.
NAO	NASDAQ, U.S.
NAP	NYSE Arcasm
NAQ	NYSE Liffe U.S.
NAR	Bats BZX Exchange
NAS	NASDAQ OMX - NASDAQ OMX Futures Exchange (NFX)
NAT	Chicago Board of Trade (CBOT), U.S.
NAU	ICE OTC
NAV	NASDAQ Official Closing Price
NAW	Obsolete - NASDAQ OMX
NAX	Fund Manager
NAY	New York, U.S.
NAZ	International Securities Exchange (ISE)
NB1	Over the counter
NB2	Broker
NB3	Unquoted
NB4	Trax - formerly Xtrakter
NB5	Trax - formerly Xtrakter
NB6	Evaluation
NBH	Hamilton, Bermuda

NBX	Fund Manager
NC1	Over the counter
NC2	Broker
NC3	Unquoted
NC4	Trax - formerly Xtrakter
NC5	Trax - formerly Xtrakter
NC6	Evaluation
NCA	ICE Futures Canada
NCB	Canadian Securities Exchange (CSE) (XCNQ) - formerly CNSX Markets (CNSX)
NCC	Calgary, Canada (obsolete)
NCD	Alpha Exchange, Canada
NCE	Nasdaq CXC
NCF	Obsolete - formerly Toronto Futures Exchange (TFE)
NCG	Omega ATS, Canada
NCH	Pure Trading, Canada
NCI	Aequitas NEO Exchange Inc.
NCM	Montreal Exchange, Canada
NCO	OTC, Canada (obsolete)
NCT	Toronto Stock Exchange, Canada
NCV	TSX Venture Exchange, Canada
NCW	Winnipeg, Canada (obsolete)
NCX	Fund Manager
NG1	Over the counter
NG4	Trax - formerly Xtrakter
NG5	Trax - formerly Xtrakter
NG6	Evaluation
NH1	Over the counter
NH2	Broker
NH3	Unquoted
NH4	Trax - formerly Xtrakter
NH5	Trax - formerly Xtrakter
NH6	Evaluation
NHN	Nassau, Bahamas
NHX	Fund Manager
NP1	Over the counter
NP3	Unquoted
NP4	Trax - formerly Xtrakter
NP5	Trax - formerly Xtrakter

NP6	Evaluation
NS1	Over the counter
NS4	Trax - formerly Xtrakter
NS5	Trax - formerly Xtrakter
NS6	Evaluation
PA1	Over the counter
PA4	Trax - formerly Xtrakter
PA5	Trax - formerly Xtrakter
PA6	Evaluation
PB1	Over the counter
PB4	Trax - formerly Xtrakter
PB5	Trax - formerly Xtrakter
PB6	Evaluation
PF1	Over the counter
PF4	Trax - formerly Xtrakter
PF5	Trax - formerly Xtrakter
PF6	Evaluation
PH1	Over the counter
PH4	Trax - formerly Xtrakter
PH5	Trax - formerly Xtrakter
PH6	Evaluation
PS1	Over the counter
PS4	Trax - formerly Xtrakter
PS5	Trax - formerly Xtrakter
PS6	Evaluation
SA4	Trax - formerly Xtrakter
SA5	Trax - formerly Xtrakter
SA6	Evaluation
SD1	Over the Counter
SD2	Broker
SD3	Unquoted
SD4	Trax - formerly Xtrakter
SD5	Trax - formerly Xtrakter
SD6	Evaluation
SDA	GXG Markets
SDC	NASDAQ Copenhagen A/S
SDF	Copenhagen, Denmark - FUTOP (obsolete)
SDM	XtraMarked, Denmark (obsolete)

SDN	Norex, Denmark (obsolete)
SDX	Fund Manager
SF1	Over the counter
SF2	Broker
SF3	Unquoted
SF4	Trax - formerly Xtrakter
SF5	Trax - formerly Xtrakter
SF6	Evaluation
SFH	NASDAQ Helsinki Oy
SFO	Finnish Options Market, Finland (obsolete)
SFX	Fund Manager
SI1	Over the counter
SI2	Broker
SI3	Unquoted
SI4	Trax - formerly Xtrakter
SI5	Trax - formerly Xtrakter
SI6	Evaluation
SIN	Norex, Iceland (obsolete)
SIR	NASDAQ Iceland hf
SIX	Fund Manager
SN1	Over the Counter
SN2	Broker
SN3	Unquoted
SN4	Trax - formerly Xtrakter
SN5	Trax - formerly Xtrakter
SN6	Evaluation
SNF	Options & Futures, Norway
SNN	Norex, Norway (obsolete)
SNO	Oslo Bors
SNP	Nord Pool
SNX	Fund Manager
SS1	Over the counter
SS2	Broker
SS3	Unquoted
SS4	Trax - formerly Xtrakter
SS5	Trax - formerly Xtrakter
SS6	Evaluation
SS8	Printed Journal / Accredited Publication

SSA	Obsolete - formerly Burgundy
SSB	Spotlight Stock Market
SSE	Erik Penser Structured Products
SSF	Obsolete - formerly OMFIE - Swedish Fixed Income Market
SSN	Norex, Sweden (obsolete)
SSO	NASDAQ OMX - Derivatives Markets
SSS	NASDAQ Stockholm AB
SSX	Fund Manager
UX4	Trax - formerly Xtrakter
UX5	Trax - formerly Xtrakter
UX6	Evaluation
X	Fund Manager
XA3	Unquoted
XA4	Trax - formerly Xtrakter
XA5	Trax - formerly Xtrakter
XA6	Evaluation
XAE	NASDAQ - Europe (obsolete)
XB4	Trax - formerly Xtrakter
XB5	Trax - formerly Xtrakter
XB6	Evaluation
XBB	Obsolete - formerly BATS Europe
XC3	Unquoted
XC4	Trax - formerly Xtrakter
XC5	Trax - formerly Xtrakter
XC6	Evaluation
XCB	Bourse Regionale des Valeurs Mobiliere (BRVM)
XD4	Trax - formerly Xtrakter
XD5	Trax - formerly Xtrakter
XD6	Evaluation
XDE	NASDAQ - Europe (Obsolete)
XE4	Trax - formerly Xtrakter
XE5	Trax - formerly Xtrakter
XE6	Evaluation
XEN	NEWEX (obsolete)
XF3	Unquoted
XF4	Trax - formerly Xtrakter
XF5	Trax - formerly Xtrakter
XF6	Evaluation

XFN	Nordic Growth Market
XG4	Trax - formerly Xtrakter
XG5	Trax - formerly Xtrakter
XG6	Evaluation
XGC	Bats Europe
XGX	Fund Manager
XH4	Trax - formerly Xtrakter
XH5	Trax - formerly Xtrakter
XH6	Evaluation
XHB	Cinnober - Boat
XI4	Trax - formerly Xtrakter
XI5	Trax - formerly Xtrakter
XI6	Evaluation
XII	Interest Rate
XJ4	Trax - formerly Xtrakter
XJ5	Trax - formerly Xtrakter
XJ6	Evaluation
XJA	Nordic Derivatives Exchange (NDX)
XK4	Trax - formerly Xtrakter
XK5	Trax - formerly Xtrakter
XK6	Evaluation
XKA	Obsolete - formerly CME Europe
XO4	Trax - formerly Xtrakter
XO5	Trax - formerly Xtrakter
XO6	Evaluation
XOE	EUREX
XR4	Trax - formerly Xtrakter
XR5	Trax - formerly Xtrakter
XR6	Evaluation
XRS	Exchange Rate
XS4	Trax - formerly Xtrakter
XS5	Trax - formerly Xtrakter
XS6	Evaluation
XSI	IBoxx Consolidated Price
XT3	Unquoted
XT4	Trax - formerly Xtrakter
XT5	Trax - formerly Xtrakter
XT6	Evaluation

XTA	MTS Austria
XTB	MTS Belgium
XTC	MTS Cyprus
XTD	MTS Denmark
XTE	European Bond Market (Benchmark)
XTF	MTS France
XTG	MTS Germany
XTH	MTS Finland
XTI	MTS Ireland
XTJ	Cendulas (Spanish Covered Bonds)
XTK	MTS Greece
XTL	BondSpot S.A.
XTM	MTS Italy
XTN	MTS Amsterdam
XTP	MTS Portugal
XTR	MTS Israel
XTS	MTS Spain
XTT	MTS Czech Republic
XTU	MTS Hungary
XTZ	Obsolete - formerly CME Europe
XX1	Over the counter
XX3	Unquoted
XX4	Trax - formerly Xtrakter
XX5	Trax - formerly Xtrakter
XX6	Evaluation
Z13	Unquoted
Z14	Trax - formerly Xtrakter
Z15	Trax - formerly Xtrakter
Z16	Evaluation
Z21	Over the counter
Z22	Broker
Z23	Unquoted
Z24	Trax - formerly Xtrakter
Z25	Trax - formerly Xtrakter
Z26	Evaluation
Z2X	Fund Manager
Z31	Over the counter
Z32	Broker

Z33	Unquoted
Z34	Trax - formerly Xtrakter
Z35	Trax - formerly Xtrakter
Z36	Evaluation
Z3X	Fund Manager
Z54	Trax - formerly Xtrakter
Z55	Trax - formerly Xtrakter
Z56	Evaluation
Z64	Trax - formerly Xtrakter
Z65	Trax - formerly Xtrakter
Z66	Evaluation

Appendix G: Specialized Field

The specialized fields in dividend/split items NEDA2/NXTD2 provide information for announcements that cannot be completely explained with the other type codes. The data in the fields is defined based on the type of div/split indicated by the supplemental payment type code, payment type code or second supplemental payment type code.

In cases where more than one payment type code is included, the specialized field information is based on codes in this priority: first supplemental payment type code (subitem 30), payment type code (subitem 6) then second supplemental payment type code (subitem 32). (Values for second supplemental payment type codes are the same as first supplemental payment type codes).

Supplemental Payment Code (first) – subitem 30

Initial Dividend Short Period – or – Initial Dividend Long Period	**Code: 1 Code: 2**	
Fields	Position	Format
Payment Period Begin Date	1-6	yymmdd
Payment Period End Date	7-12	yymmdd
<if qualified dividend tax status code (subitem 54) = “P”>		
Potentially Qualified Dividend Amount	67-79	6v7
Potentially Qualified Dividend Amount Type 1 – Dollars 2 – Percent 3 – Amount Unavailable	80	x1

Dividend Arrears	**Code: 4**	
Fields	Position	Format
Payment Coverage Begin Date	1-6	yymmdd
Payment Coverage End Date	7-12	yymmdd
Arrears Balance	13-26	7v7
Arrears Cleared Indicator* 0 = Arrears still outstanding 1 = Arrears cleared	27	

Fractions in Cash	**Code: 6**	
Fields	Position	Format

Fractions in Cash Amount	15-28	7v7
Fractions in Cash Price Indicator* 1 = Price supplied by issuing company 2 = Ex-date closing price blank = NA	29	

Distribution of Warrants	Code: 7	
Fields	Position	Format
Expiration Date of Warrant	1-6	yymmdd
CUSIP of Warrant	7-14	x8
Number of Warrants per Number of Shares	15-22	4v4
Number of Shares Held	23-30	4v4
Exercise Price	31-38	5v3
Number of Warrants Required to Purchase Issue	39-46	4v4
Amount of Security to be Purchased	47-54	4v4
CUSIP of Security to be Purchased	55-62	x8

Net Amount	Code: 18	
Fields	Position	Format
Gross Rate of Dividend	1-14	7v7
Fee	15-24	5v5
ADR/ORD Basis of Issuance	31-37	4v3

Supplemental Payment Code (first) – subitem 30

Gross Amount	Code: 19	
Fields	Position	Format
Net Rate of Dividend	1-14	7v7
Fee	15-24	5v5
ADR/ORD Basis of Issuance	31-37	4v3

Distribution of Stock	Codes: 20,21	
Fields	Position	Format
Equivalent Cash Rate	1-14	7v7
Fractions in Cash Amount	15-28	7v7
Ratio or Dollar Amount of First Issue* Check position 41, if 1 – “Ratio of Number of Shares Received for Each Share Held" 2 – “Dollar Amount of Issue Received”	29-40	5v7
CUSIP of First Issue Distributed	42-49	
Ratio or Dollar Amount of Second Issue* Check position 62, if 1 – “Ratio of Number of Shares Received for Each Share Held" 2 – “Dollar Amount of Issue Received”	50-61	5v7
CUSIP of Second Issue Distributed	63-70	
Additional Distribution Indicator 1 – More than two issues spun off otherwise – n/a	71	
ADR/ORD Option Indicator 1 – Shareholders can receive ORD shares in lieu of ADR shares otherwise – n/a	72	
ADR/ORD Basis of Issuance	73-79	

Cash Equivalents	Code: 22	
Fields	Position	Format
Equivalent Cash Rate	1-14	7v7
<if qualified dividend tax status code (subitem 54) = “P”>		
Potentially Qualified Dividend Amount	67-79	6v7
Potentially Qualified Dividend Amount Type 1 – Dollars 2 – Percent 3 – Amount Unavailable	80	x1

Payable on Shares in Units	Code: 25	
Fields	Position	Format
Unit CUSIP	24-36	

m 30

Return of Capital Plus Income – or – Estimated Return of Capital Plus Income	Code: 32 Code: 34	
Fields	Position	Format
Cash Amount of Dividend	1-14	7v7
Return of Capital Amount	15-28	7v7
<if qualified dividend tax status code (subitem 54) = “P”>		
Potentially Qualified Dividend Amount	67-79	6v7
Potentially Qualified Dividend Amount Type 1 – Dollars 2 – Percent 3 – Amount Unavailable	80	x1

Optional Dividend	Code: 40	
Optional Dividend		
Fields	Position	Format
NAV for Optional Dividends	43-54	5v7

Factor – Shares Received for Each Share Held	55-66	5v7
Stock Payment Date	67-72	yymmdd
CUSIP of Other Issue (Optional Dividend)	73-80	x8
<if qualified dividend tax status code (subitem 54) = “P”>		
Potentially Qualified Dividend Amount	43-53	5v6
Potentially Qualified Dividend Amount Type 1 – Dollars 2 – Percent 3 – Amount Unavailable	54	x1
Factor Representing Shares Received for each Share Held	55-66	5v7
Stock Payment Date if different from Payment Date	67-72	yymmdd
CUSIP number if option dividend is of another issue or issuer	73-80	x8

Special Dividend Plus Income	**Code: 51**	
Fields	Position	Format
Cash Amount of Dividend	1-14	7v7
Amount of Special Dividend	15-28	7v7
<if qualified dividend tax status code (subitem 54) = “P”>		
Potentially Qualified Dividend Amount	67-79	6v7
Potentially Qualified Dividend Amount Type 1 – Dollars 2 – Percent 3 – Amount Unavailable	80	x1

Extra Dividend Plus Income	**Code: 53**	
Fields	Position	Format
Cash Amount of Dividend	1-14	7v7
Amount of Extra Dividend	15-28	7v7
<if qualified dividend tax status code (subitem 54) = “P”>		
Potentially Qualified Dividend Amount	67-79	6v7
Potentially Qualified Dividend Amount Type 1 – Dollars 2 – Percent 3 – Amount Unavailable	80	x1

Year-End Dividend Plus Income	**Code: 55**	
Fields	Position	Format
Cash Amount of Dividend	1-14	7v7
Amount of Year-End Dividend	15-28	7v7
<if qualified dividend tax status code (subitem 54) = “P”>		
Potentially Qualified Dividend Amount	67-79	6v7
Potentially Qualified Dividend Amount Type 1 – Dollars 2 – Percent 3 – Amount Unavailable	80	x1

Long & Short Term Capital Gains Plus Income	**Code: 70**	
Fields	Position	Format
Cash Amount of Dividend	1-14	7v7
Short Term Capital Gains	15-28	7v7
Long Term Capital Gains	29-42	7v7
Long Term Capital Gains	43-56	7v7
5 Year Capital Gains	57-70	7v7
Capital Gains Flag for Data in position 15-28 **see note 1 for flag info	71	x1
Capital Gains Flag for Data in position 29-42**see note 1 for flag info	72	x1
Capital Gains Flag for Data in position 43-56**see note 1 for flag info	73	x1
Capital Gains Flag for Data in position 57-70**see note 1 for flag info	74	x1
filler	75-80	x6

Long Term Capital Gains Only	Code: 71	
Fields	Position	Format
Long Term Capital Gains	29-42	7v7
Long Term Capital Gains	43-56	7v7
5 Year Capital Gains	57-70	7v7
Capital Gains Flag for Data in position 29-42**see note 1 for flag info	72	x1
Capital Gains Flag for Data in position 43-56**see note 1 for flag info	73	x1
Capital Gains Flag for Data in position 57-70**see note 1 for flag info	74	x1
filler	75-80	x6

Long Term Capital Gains Plus Income	Code: 72	
Fields	Position	Format
Cash Amount of Dividend	1-14	7v7
Long Term Capital Gains	29-42	7v7
Long Term Capital Gains	43-56	7v7
5 Year Capital Gains	57-70	7v7
Capital Gains Flag for Data in position 29-42**see note 1 for flag info	72	x1
Capital Gains Flag for Data in position 43-56**see note for flag info	73	x1
Capital Gains Flag for Data in position 57-70**see note 1 for flag info	74	x1
filler	75-80	x6

Long & Short Term Capital Gains	Code: 73	
Fields	Position	Format
Short Term Capital Gains	15-28	7v7
Long Term Capital Gains	29-42	7v7
Long Term Capital Gains	43-56	7v7
5 Year Capital Gains	57-70	7v7
Capital Gains Flag for Data in position 15-28**see note 1 for flag info	71	x1
Capital Gains Flag for Data in position 29-42**see note 1 for flag info	72	x1
Capital Gains Flag for Data in position 43-56**see note 1 for flag info	73	x1
Capital Gains Flag for Data in position 57-70**see note 1 for flag info	74	x1
filler	75-80	x6

Short Term Capital Gains Plus Income	Code: 75	
Fields	Position	Format
Cash Amount of Dividend	1-14	7v7
Short Term Capital Gains	15-28	7v7
<if qualified dividend tax status code (subitem 54) = “P”>		
Potentially Qualified Dividend Amount	67-79	6v7
Potentially Qualified Dividend Amount Type 1 – Dollars 2 – Percent 3 – Amount Unavailable	80	x1

Supplemental Payment Code (first) – subitem 30

Dividend Classification Provided	Code: 77	
Fields	Position	Format
Classification Amount 1	1-14	7v7
Classification Flag 1	15-16	x2
Classification Amount 2	17-30	7v7
Classification Flag 2	31-32	x2
Classification Amount 3	33-46	7v7
Classification Flag 3	47-48	x2
Classification Amount 4	49-62	7v7
Classification Flag 4	63-64	x2
Classification Amount Type 1 = Dollars 2 =Percent	65	x1
filler	66	x2
Potentially Qualified Dividend Amount	67-79	6v7
Potentially Qualified Dividend Amount Type 1= Dollars 2 = Percent 3 = Amount Unavailable	80	x1

For any of the items above, if “NA”, suppress field display on page – there won’t always be 4 classification amounts and flags.

Classification Amount Flags should be translated as follows:

Code	Description
Blank	!NA
CA	Ordinary Taxable Cash Dividend
IN	Interest
LT	Long-Term Capital Gains (excluding any Unrecaptured Section 1250 Gains)
RC	Return of Capital
ST	Short-Term Capital Gains
TE	Tax-Exempt
UR	Unrecaptured Section 1250 Gains

Supplemental Payment Code (first) – subitem 30

Other	Code: 160	
Fields	Position	Format
(textual explanation of div)	1-80	x80

Notes:

****Supplemental Payment Code (first) – subitem 30**

Capital Gains Flag – This is a 1 character code, A-Z, 0-9 or blank. Effective October 2003, the following will be used:

Data Item in position 71 - Capital Gains Flag for Data in Position 15-28

Flag	Meaning
Blank	Data in position 15-28 is Short Term Capital Gains
A-Z, 0-9	Unassigned

Data Item in position 72 - Capital Gains Flag for Data in Position 29-42

Flag	Meaning
Blank	Data in position 29-42 is Long Term Capital Gains, 28% rate
A	Data in position 29-42 is Long Term Capital Gains, 15% rate
B-Z,0-9	Unassigned

Data Item in position 73 - Capital Gains Flag for Data in Position 43-56

Flag	Meaning
Blank	Data in position 43-56 is Long Term Capital Gains, 20% rate
A-Z,0-9	Unassigned

Data Item in position 74 - Capital Gains Flag for Data in Position 57-70

Flag	Meaning
Blank	Data in position 57-70 is 5 Year Capital Gains
A-Z,0-9	Unassigned

Payment Type Code – subitem 6

Payment in Optional Cash or Stock	Code: 4	
Fields	Position	Format
NAV for Optional Dividend	43-54	5v7
<if qualified dividend tax status code (subitem 54) = "P">		
Potentially Qualified Dividend Amount	67-79	6v7
Potentially Qualified Dividend Amount Type 1 – Dollars 2 – Percent 3 – Amount Unavailable	80	x1

Stock Splits or Stock Dividends	Codes: 10, 11, 22	
Fields	Position	Format
Equivalent Cash Rate	1-14	7v7
Fractions in Cash Amount	15-28	7v7
Fractions in Cash Price Indicator* 1 = Price supplied by issuing company 2 = Ex-date closing price blank = NA	29	
ADR/ORD Option Indicator 0 = Option does not exist 1 = Shareholders have option to receive ORD shares instead of ADR shares	30	
ORD Shares Received per ADR Share Held	31-44	7v7
ADR/ORD Basis of Issuance	45-51	4v3
Reverse Split Cross-Reference CUSIP Number	52-59	
CUSIP Identifier 1 = New CUSIP 2 = Old CUSIP	60	

Issues Called	Code: 12	
Fields	Position	Format
Called Date	1-6	yymmdd
Called Price	7-16	5v5

Payment Type Code – subitem 6

Stock Rights	Code: 13	
Fields	Position	Format
Rights Offering Transfer Code 0 = Rights are transferable 1 = Rights are not transferable	1	
Number of Rights Received per Share Held	2-9	4v4
Number of Shares Required	10-17	4v4
Number of Rights Required for Subscription	18-25	4v4
Amount of Security to be Purchased	26-33	4v4
NASDAQ Quoted Ex-Indicator 0 = Quoted ex by NASD 1 = Not quoted ex by NASD blank = NA	34	
Subscription Price	35-42	5v3
Over Subscription and Step Up Privileges Indicator 1 = Over subscription privilege exists 2 = Step up privilege exists 3 = Round up privilege exists	43	
Rights Expiration Date	44-49	yymmdd
US Resident Restrictions Indicator 1 = Offer not available to US residents blank = No restrictions to US residents	50	
First CUSIP of subscription	51-58	
Second CUSIP of subscription	59-66	
Minimum Number of Shares Required to Subscribe	67-73	4v3
Number of Rights to be Received Per Number of Shares Required to Subscribe	74-80	4v3

Appendix H: itemNOTE

Below are the possible codes that *item*CODE and the descriptions *item*NOTE could return.

Code	Description
1	Ask/Offer
10	Valuation
11	Holiday
12	Bid Evaluation
13	Official closing bid
14	Official closing ask
15	Official close
16	Indicative
17	Trade (excess of sellers)
18	Trade (excess of buyers)
19	Dealings suspended
2	Bid
20	Listing suspended
21	Listing cancelled
22	Nominal price
23	Cancellation price

24	Underlying security price
25	Tax price
26	Settlement price
27	Kassa, bid
28	Kassa, ask/offer
29	Mean
3	Bid Evaluation
30	Index value
31	Bid Evaluation - Pool Specific
32	Bid Evaluation - Seasoned
33	VWAP
34	Mean Evaluation
35	Ask Evaluation - Pool Specific
36	Bid Evaluation - Pool Specific
37	Mean Evaluation - Pool Specific
38	Ask Evaluation - Seasoned
39	Bid Evaluation - Seasoned
4	Kassa
40	Mean Evaluation - Seasoned
41	Ask Yield - Pool Specific
42	Bid Yield - Pool Specific
43	Mean Yield - Pool Specific
44	Ask Yield - Seasoned
45	Bid Yield - Seasoned
46	Mean Yield - Seasoned
47	Ask Evaluation
48	Ask Yield
49	Bid Yield
5	Mid
50	Mean Yield
51	Bid/Ask Quote, Yield to Maturity
6	NAV
7	Repurchase Price
8	Trade/Close
9	Variable