ABSG Services

from FT Interactive Data

FT Interactive Data's ABSG services deliver factors, evaluations, descriptive data, and statistical data for agency pass-through mortgage-backed (MBS) and Small Business Administration (SBA) securities, collateralized mortgage obligations (CMO), and asset-backed securities (ABS).

Agency pass-through coverage includes securities guaranteed under the:

- *GNMA I and II Programs,*
- *FNMA Program (including STRIPs),*
- *FHLMC Programs (including Golds and 75-Day), and*
- *SBA Loan Pooling Program (not including private placements).*

CMO and ABS coverage includes most CMO tranche types and most asset-backed security class types issued to date.

SERVICES

MBS Services: Standard & Enhanced

- ABSG MBS Standard formats deliver MBS factors (current and previous month), new issue information, and supplemental disclosure data as reported by the Agencies. In addition, Agency quartile and geographic data is also available.
- ABSG MBS Enhanced formats deliver descriptive information as well as original and current WAC, WARM, and WALA; and historical PSA and CPR speeds for the fixed rate and ARM universes. Comparative statistics for FHLMC, FNMA, and GNMA generic pools are also available.

CMO/ABS Services

ABSG CMO/ABS services deliver detailed factor (current and previous month) and descriptive data for the active universe of CMO and ABS securities.

- For clients interested in Security Master File setup and maintenance, ABSG offers an extensive array of CMO and ABS descriptive data, including minimum and maximum floater rates and dates, and quality ratings.
- For clients interested in factor and payment information, ABSG delivers factors, interest per thousand, principal per thousand, accretion per thousand, future interest per thousand, floater reset rates, record dates, accrual dates, and other associated data items.

Evaluated Pricing Services

ABSG Evaluated Pricing formats deliver FT Interactive Data's MBS, CMO, and ABS evaluations. For more details, please refer to our *U.S. Mortgage-Related Securities Services* collateral.

DATA DELIVERY

FT Interactive Data's ABSG services deliver MBS, SBA, CMO, and ABS data on a full universe basis, in fixed-format records. An extensive array of data items is available in a variety of standard formats, including Agency formats. ABSG delivers the data via either:

- File Transfer Protocol (FTP), or
- CPU to CPU transmission (please refer to our *Transmission Options and Support* collateral).

DATA ITEMS

CMO/ABS Data Items

ABSG provides CMO and ABS factor and descriptive data. A representative list of some of the data items available for the CMO and ABS universe via ABSG follows.

Descriptive Items
- Average Life at Pricing
- Bond Interest Type, Bond Principal Type
- Cashflow Type
- Coupon Reset Periodicity
- Day Count Basis
- First Coupon Reset Date
- First Interest Payment Date
- First Principal Payment Date
- Floater Index Benchmark
- Interest Payment Periodicity
- Inverse Ratios
- Max./Min.: Dates, Floater Rates, Indicators
- Minimum Denomination
- Optional Redemption Indicator
- Original Accrual Date, Original Accrual Coupon
- Payment Delay Days
- Principal Payment Periodicity
- Quality Ratings
- Redemption Method
- Residual Indicator
- Spread versus Index
- Stated Maturity Date
- Strip Indicator
- Type of Floater Coupon

Factor And Payment-Related Items
- Accretion per Thousand (AMOF)
- Begin Accrual Date
- Effective Coupon
- End Accrual Date
- Floater Coupon
- Floater Reset: Effective Date, Payment Date
- Future Interest Calculation Code
- Interest per Thousand (IMOF)
- Interest Shortfall per Thousand (SMOF)
- Number of Days in Accrual Period
- Payment: Code, Date, Delay Days
- Per Thousand (FMOF)
- Previous: Principal Payment Date; Record Date
- Principal: Amount in Dollars; Factor; Payment Date
- Principal per Thousand (PMOF)
- Realized Losses of Principal per Thousand (LMOF)
- Record Date

MBS Data Items

ABSG provides Agency MBS data, in Agency formats, as reported by Freddie Mac (FHLMC), Ginnie Mae (GNMA), and Fannie Mae (FNMA). In addition to direct Agency data, ABSG makes supplemental information and calculated fields available in the ABSG Enhanced formats. (**Note**: Item availability will vary by Agency.) Lists of available Agency files and data items, as well as data available in the Enhanced formats, can be obtained from FT Interactive Data on request. A representative list of some of the data and data items available for the MBS universe via ABSG follows.

Descriptive Items
- Agency Quartile data
- AOLS data
- Comparative statistics for Agency generic pools
- Credit Score data
- Generic Category
- Issue Date
- Legend
- Loan Origination Year
- Loan Purpose data
- Maturity Date
- Occupancy data
- Original Average Loan Size
- Original Balance
- Original Coupon Date, Original Coupon Rate
- Original Weighted Average: Coupon, Maturity
- Original Weighted Average Loan Age

MBS Descriptive Items *continued*

- Pool Number, Pool Type
- Prepay Penalty Factor
- Property Status
- Security Description, Security Margin
- Seller / Servicer data
- Strip Percent: Interest, Principal
- Termination Date

Factor And Payment-Related Items

- Current: Factor, WAC, WALA, WARM
- Estimated Accrual Rate
- Life Cap, Life Floor
- Maximum Accrual Rate
- Maximum Negative Amortization Cap
- Next Interest Adjustment Date
- Original Coupon Rate
- Paying Rate
- Previous Factor
- PSA speed, CPR speeds
- Regular Interest Adjustment Period

VADS™

Please note that FT Interactive Data's VADS™ also delivers MBS, CMO, ABS, and SBA factors, evaluations, and descriptive data, and should be considered if you require the top-level, essential data for back-office processing of mortgage-related securities, on a full universe or select basis. Data for all security types is delivered in fully normalized formats, making VADS a good choice for clients interested in minimizing the number of incoming feeds. (For more information, please refer to our *VADS – Value Added Data Service* collateral.)

WHY FT INTERACTIVE DATA?

Quality

The strength of FT Interactive Data's pass-through securities evaluation service is the product of our knowledgeable and experienced staff, relationships with information providers, industry-standard evaluation methodologies, and rigorous data collection procedures. Factors and related descriptive data are also monitored using a variety of edit checks.

Evaluations

FT Interactive Data does not advise clients as to what securities they should buy or sell. Our evaluations represent our good faith opinion as to what a buyer in the marketplace would pay for a security (typically in an institutional round lot position) in a current sale.

FT Interactive Data's evaluators regularly review the evaluation inputs for covered securities, including broker quotes, credit information, and cashflows, as applicable. If we determine we do not have sufficient objectively verifiable information about a security's valuation, we will discontinue evaluating the security until we can obtain such information.

FT Interactive Data seeks to obtain market color, including bid information received by our fund clients, as part of our evaluation methodologies. To that end, we request that clients forward bid information to the evaluation team. (Bid information should be sent to: evalsupport@interactivedata.com) Verified information is reflected in our evaluations to the extent that we deem it formative of our good faith opinion.

Client Service

FT Interactive Data is committed to the highest standard of client support. Our product management, sales, and client services staffs concentrate their efforts on meeting client needs through a combination of data and delivery services. FT Interactive Data provides both local and corporate-level technical support for data and data items, products and services, and data delivery, through a network of sales professionals, centralized client service, and extensive product management, fixed income, equity, and systems personnel.

About Interactive Data
Interactive Data Corporation (Interactive Data) is a leading global provider of securities pricing, financial information and analytic tools to institutional and individual investors. Interactive Data's branded businesses are: FT Interactive Data, ComStock, CMS BondEdge and eSignal.

Headquartered in Bedford, Massachusetts, Interactive Data has approximately 1,800 employees in offices throughout the world. Interactive Data Corporation (NYSE: IDC) is approximately 60 per cent owned by Pearson plc and included within its Financial Times Group.

FT Interactive Data
FT Interactive Data, the major operating subsidiary of Interactive Data Corporation, is a leading provider of financial information and analytical software to global markets. FT Interactive Data supplies global securities pricing, evaluations, dividend, corporate action, and descriptive information for more than 3.5 million securities, including daily evaluations for approximately 2.5 million fixed income and international equity issues. FT Interactive Data specializes in "hard-to-value" unlisted fixed income instruments and "hard-to-get" information from emerging markets.

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