

Yield Book Calculator

Complexity Made Simple



The Yield Book Calculator is a quick and efficient tool for analyzing single securities, using The Yield Book's trusted models and analytics.

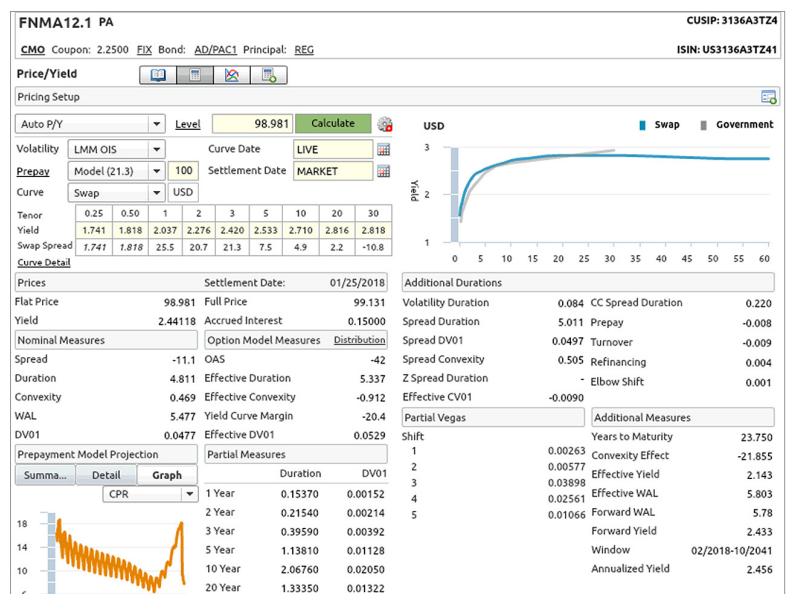
Examine bond characteristics and risk measures, run scenario analysis, and view projected cash flows and historical trends, all with this powerful and easy-to-use tool.

Your Requirement	Our Solution
Comprehensive Coverage	Coverage includes government bonds, agencies and supranationals, corporates, mortgages, futures, and more.
Powerful Analytics	The Yield Book Calculator provides an essential set of tools to analyze your securities, including individual security price/yield and option adjusted calculations, risk analysis (partial durations and other sensitivity measures), scenario analysis, and 1 for 1 swap evaluation.
Ease of Use	<ul style="list-style-type: none"> Bond lists can be quickly and easily imported into the Yield Book Calculator. History folders allow for search of previously viewed bonds. Personal file folders can be created to manage lists of securities, providing easier access to these securities for the next time you need them.
Flexible Reporting	Reporting is available in a variety of formats including PDF and CSV files, allowing for easy export of analysis.
Accessibility	The Yield Book Calculator is available over the internet, providing easy access to the latest versions with no updates or installations necessary.

Powerful Analytics

Pricing and Risk Analysis

- Measure the effect of options using The Yield Book's 200 path Monte Carlo simulation.
- Run calculations to determine a security's risk characteristics such as:
 - Effective duration
 - Effective convexity
 - Effective DV01
 - Partial durations
 - OAS, and more
- Customize your analysis assumptions including:
 - Yield curve (historical or live)
 - Prepay model
 - Volatility model
 - Settlement date
- Evaluate trade ideas:
 - 1 for 1 swap functionality



Source: FTSE Russell as of January 2018. For illustrative purposes only.

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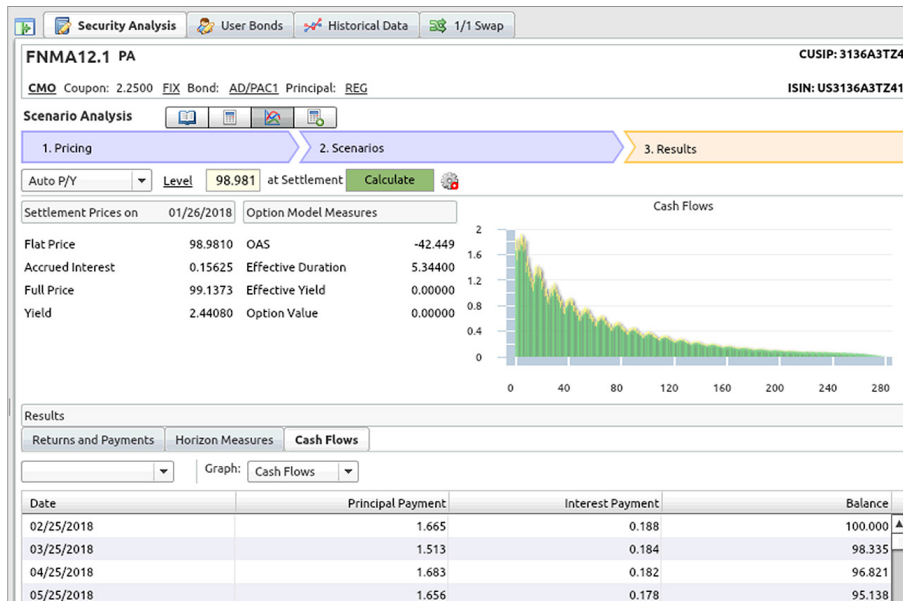
Scenario Analysis

Customize your analysis

- Shock yield curves and select basis point shifts.
- Define your own mortgage prepayment speeds or use the predefined prepayment models.
- Set horizon period, re-investment rate, and timing of the rate shifts. Choose from a variety of horizon pricing methods.
- Analyze up to seven scenarios simultaneously and customize each of them independently.

Review the output

- Generate results based on your scenarios including total return statistics, horizon measures, and projected cash flows.
- View results and indicative data in an interactive format.
- Choose between tabular or graphical display for securities, sectors, and index historical data.



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Mortgage-Related Analytical Functions

- Actual vs. Projected Prepayments function allows for comparison of the actual experience against the model. Prepayment speed analysis is available for MBS/ABS (excludes CMBS).
- Indicative Data is available for all security types and includes information on cumulative losses and delinquencies as well as historical prepayment rates.
- Weighted Average Life (WAL) Sensitivity function calculates WAL over a given range of prepayment speeds. WAL sensitivity analysis is available for CMO/ABS securities.
- Price and Risk Matrix provides multiple price and prepayment speed combinations in one step.

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