

Yield Book Add-In

Yield Book power with spreadsheet flexibility

The Yield Book® Add-In delivers the power of Yield Book's fixed income analytics directly inside the Microsoft Excel® spreadsheet environment. Users can customise templates to perform complex calculations at the security, sector, and portfolio-level.

Ease of use

Yield Book Add-In inserts an intuitive drop-down menu inside Excel. The system uses an internet connection to interact with Yield Book's comprehensive database and powerful calculation engine, allowing users to calculate analytics directly inside their spreadsheets.

Integrated solution	As it extends the functionality of the Excel application with custom tasks, Yield Book Add-In leverages Excel's interface and functionality, making the desired output extremely flexible and fully customizable.
On-command execution	Users have control over when calculations are made with the flexibility to partially or fully calculate the spreadsheet. This allows users to run calculations either on single securities or at the portfolio level.
Smart processing	Yield Book Add-In recognizes dependency trees within analyses; hence, it follows a desired order for calculations. This allows users to price securities relative to other securities.
Concurrent analyses	The spreadsheet environment allows for simultaneous calculations of different models or different assumptions.
Programmatic control	A library of Yield Book Add-In specific Visual Basic commands allows the user to leverage Yield Book data and analytics inside scripts.

Key features and functions

Yield Book Add-In provides access to the following major functionalities:

Requirement	Approach
Single security and aggregated analytics	<ul style="list-style-type: none">– Calculate and display single security analytics– Aggregate analytics for portfolio and sector analysis– Evaluate the portfolio on an absolute basis or relative basis versus the benchmark– Extract and visualize the most important and relevant information using customized report templates.
Price/Yield calculations	<ul style="list-style-type: none">– Include measures such as price, yield, OAS, convexity, effective convexity, effective duration, and partial duration
Customized user input and output	<ul style="list-style-type: none">– Customize your analysis by specifying user-defined prices, bonds, curves, volatility surfaces, scenarios, prepayment model dials, and tenors for partial durations.
Descriptive information and historical analytics	<ul style="list-style-type: none">– Access comprehensive sets of data such as bond indicatives, historical pricing, yield curves and actual versus projected prepay speeds for mortgages– Run time series analyses to perform a variety of calculations or manipulations including spreads, butterflies, regression, return compounding, standard deviation, and correlation– Dynamically calculate historical analytics to backfill missing data sets and enrich your range of derived analytics to create a golden source of fixed income analytics



Requirement	Approach
Advanced mortgage analytics	<ul style="list-style-type: none"> Retrieve collateral information including pool-level details for CMOs Analyze prepay model performance by comparing actual realized prepayments to model projections Stress test PAC bands through WAL sensitivity analysis
Scenario and cash flow analysis	<ul style="list-style-type: none"> Perform scenario and cash flow analysis by changing input criteria to assess the performance of single securities or portfolios Generate cash flow and return projections based on user-defined shifts for interest rates, spreads, currencies, volatilities, and prepayments
Actual Rate-of-Return and return attribution analysis	<ul style="list-style-type: none"> Calculate the rate of return (ROR) on a position given the starting and ending prices and dates or calculate the forward price assuming a finance rate Gain a better understanding of key drivers of total return such as yield curve movements, spread changes, volatility fluctuations, and prepayments
Tracking Error and Value-at-Risk (VaR)	<ul style="list-style-type: none"> Isolate and measure the components of risk and potential sources of return with a Monte Carlo simulation-based approach
Optimization	<ul style="list-style-type: none"> Make informed decisions around trade weighting, portfolio optimization relative to a benchmark, and hedging a portfolio

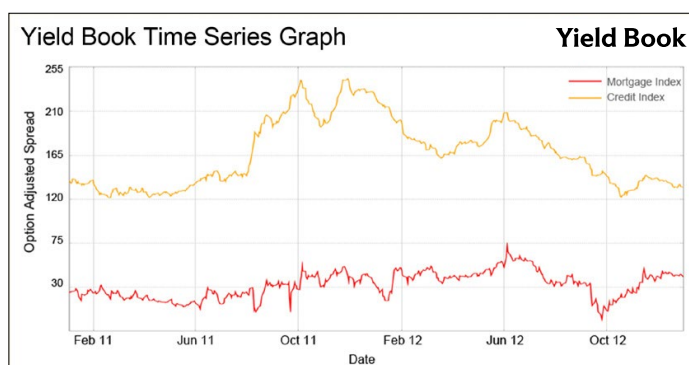
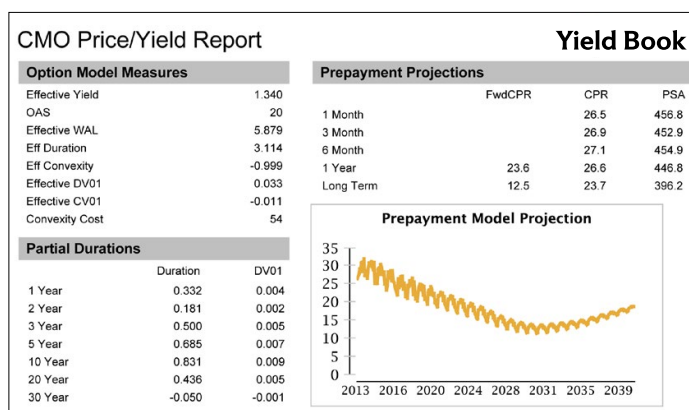
Comprehensive analytics libraries

Yield Book Add-In offers access to Yield Book’s comprehensive analytics libraries and fast calculation servers, allowing you to quickly calculate multi-path dependent measures like OAS and effective duration.

Nominal	– Price / Yield	– WAL
Analytics	– Spread	– DV01
	– Duration	– Total Return
	– Convexity	
<hr/>		
Option Model Measures	– OAS	– Effective WAL
	– Spread	– Effective DV01
	– Effective Duration	– Partial / Key Rate Durations
	– Effective Convexity	– Volatility and Prepay Duration

Comprehensive securities coverage

Yield Book products offer analytics for an extensive range of financial products in the fixed income space including Governments, Agencies, Corporates, High Yield, Emerging Markets, Mortgages, ABS, CMBS, CMOs, and Derivatives.



Source: Yield Book. For illustrative purposes only.

Contact us

To learn more, contact us at sales@yieldbook.com or visit our website: solutions.yieldbook.com

Americas +1 646 989 2200

Asia-Pacific

EMEA +44 20 7334 8963

Tokyo +81 3 6441 1015

APAC +886 2 8729 5130

© 2023 London Stock Exchange Group plc and its applicable group undertakings (the "LSE Group"). All rights reserved.

"The Yield Book®" is a trademark and/or service mark owned or licensed by The Yield Book Inc., and all other trademarks and service marks used herein (whether registered or unregistered) are trademarks and/or service marks owned or licensed by the applicable member of the LSE Group or their respective licensors. Microsoft and Excel are trademarks of the Microsoft group of companies.

All information is provided for information purposes only. All information and data contained in this publication is obtained by the LSE Group, from sources believed by it to be accurate and reliable. Because of the possibility of human and mechanical error as well as other factors, however, such information and data is provided "as is" without warranty of any kind.

No member of the LSE Group nor their respective directors, officers, employees, partners or licensors make any claim, prediction, warranty or representation whatsoever, expressly or impliedly, either as to the accuracy, timeliness, completeness, merchantability of any information or of results to be obtained from the use of the Yield Book products, including but not limited to data and analytics or the fitness or suitability of the Yield Book products for any particular purpose to which they might be put. Any representation of historical data accessible through Yield Book products is provided for information purposes only and is not a reliable indicator of future performance.

No responsibility or liability can be accepted by any member of the LSE Group nor their respective directors, officers, employees, partners or licensors for (a) any loss or damage in whole or in part caused by, resulting from, or relating to any error (negligent or otherwise) or other circumstance involved in procuring, collecting, compiling, interpreting, analysing, editing, transcribing, transmitting, communicating or delivering any such information or data or from use of this document or links to this document or (b) any direct, indirect, special, consequential or incidental damages whatsoever, even if any member of the LSE Group is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, such information.

No member of the LSE Group nor their respective directors, officers, employees, partners or licensors provide investment advice and nothing contained herein or accessible through Yield Book products, including statistical data and industry reports, should be taken as constituting financial or investment advice or a financial promotion. Past performance is no guarantee of future results. Charts and graphs are provided for illustrative purposes only.

This document may contain forward-looking assessments. These are based upon a number of assumptions concerning future conditions that ultimately may prove to be inaccurate. Such forward-looking assessments are subject to risks and uncertainties and may be affected by various factors that may cause actual results to differ materially. No member of the LSE Group nor their licensors assume any duty to and do not undertake to update forward-looking assessments.

No part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the applicable member of the LSE Group. Use and distribution of the LSE Group data requires a licence from Yield Book and/or their respective licensors.



LSEG DATA & ANALYTICS