

Morningstar® European Leveraged Loan Index™

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The heightened popularity of leveraged loans, also known as bank loans or senior secured loans, comes as no surprise in the new post-pandemic macroeconomic era where inflation is at record levels and interest rates are on the rise around the globe. Amid such market volatility, leveraged loans offer diversification and a bright spot for credit investors, as the floating rate nature of these assets adjusts according to market interest rate changes, offering protection from inflation and an attractive source of income.

The Morningstar European Leveraged Loan Index is designed to deliver comprehensive, precise coverage of the European leveraged loan market. Underpinned by PitchBook and LCD data, the index brings transparency to the performance, activity, and key characteristics of the market.

The index serves as the market standard for the European leveraged loan asset class and tracks the performance of more than 350 loans issued in the European market. In addition, key features of the indexes include:

- Underpinned by PitchBook and LCD data: Data sourced from both public and proprietary sources brings transparency to private market loan transactions, including issuance, repayment, and restructuring activity throughout the lifecycle of each loan in the index.
- Comprehensive and precise coverage: 20 years of live index history provides insights into trends and lifecycles of individual loans and the overall loan market along with a wide array of sub-indexes to help investors understand the performance and behaviors of precise segments of the leveraged loan market.
- Supports a range of workflows: The indexes are rebalanced weekly to reflect current loan market activity and enhance strategic asset allocation decisions for a wide array of investor types.

PitchBook and LCD

LCD is the industry standard for leveraged loan data, news, analysis and indexes, providing coverage across the full lifecycle of loans. The leveraged loan market data provider has been acquired by PitchBook, which delivers data, research and insights covering the private and public capital markets. This unique combination provides investors with unmatched transparency into every aspect of the leveraged finance market.

Starting universe

The Morningstar European Leveraged Loan Index derives constituents from syndicated term leveraged loans that are held within top-tier institutional investor loan portfolios tracked by PitchBook and LCD.

Index eligibility

Loans from within the PitchBook and LCD database must meet the following criteria to be eligible for the index:

- · Seniority: senior secured
- Minimum initial term: 1 year
- Minimum spread: Base rate (Euribor) + 125 bps

Although all loans must be syndicated in Europe, issuers may be of any origin.

Index weighting and pricing

The index is market value-weighted with bid prices from IHS Markit (LoanX). The index is priced daily.

Rebalancing

The index is rebalanced weekly (every Friday). Loans are removed from the index when they are repaid, are no longer priced, or no longer meet the stated index eligibility criteria. Loans in default remain in the index unless they fail to meet the stated index eligibility criteria.



Construction process

Starting universe

 Syndicated term leveraged loans, tracked by PitchBook and LCD

Index eligibility

- · Seniority: senior secured
- . Minimum initial term: 1 year
- Minimum initial spread: Base rate + 125 bps

Index weighting & maintenance

- · Market-value weighted
- Rebalanced weekly to replace loans which have been repaid or are no longer eligible
- Defaulted loans remain in the index until restructuring or repayment

Morningstar European Leveraged Loan Index

Sub-indexes

More than 700 sub-indexes across a wide array of regions, credit quality segments, sectors, and seniority are available to help investors understand the performance and behaviors of precise segments of the European leveraged loan market.

Morningstar® European Western Europe Loan Index ^{sм}	
Morningstar® European Nordics Region Loan Index SM	
Morningstar® European B/BB Ratings Loan Index™	
Morningstar® European CCC Ratings Loan Index SM	
Morningstar® European Term B Loan Index™	
Morningstar® European Term C Loan Index ^{sм}	

Morningstar®	European Fi	rst Lien Loa	n Index ^{sм}	
Morningstar [®]	European LE	30 Loan Ind	ex sm	
Morningstar®	European Ai	irlines Loan	Index ^{sм}	
Morningstar®	European Bi	iotechnolog	y Loan Inde	eX SM
Morningstar®	European W	/ater Utilitie	s Loan Inde	eX SM
Morningstar®	Furonean H	ealth Care 1	Technology	Index SM

About Morningstar Indexes

Morningstar Indexes was built to keep up with the evolving needs of investors—and to be a leading-edge advocate for them. Our rich heritage as a transparent, investor-focused leader in data and research uniquely equips us to support individuals, institutions, wealth managers and advisors in navigating investment opportunities across major asset classes, styles and strategies. From traditional benchmarks and unique IP-driven indexes, to index design, calculation and distribution services, our solutions span an investment landscape as diverse as investors themselves. Please visit indexes.morningstar.com for more information.

About PitchBook

PitchBook is a research firm and financial data provider that empowers global capital market professionals to win what's next. We collect and analyze information on the entire investment and business lifecycle. Our data, research and insights are available through our in-depth reports, industry news, and robust platform. To learn more about PitchBook, visit <u>pitchbook.com</u> or contact <u>info@pitchbook.com</u>.

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