

CLO Research & Analytics Product Highlights

CLO Asset Manager Handbook

Published annually, Fitch's proprietary guide is the market standard that summarizes the business profiles of 115 CLO managers across US and Europe. This comprehensive handbook goes beyond detailing corporate structure, key personnel, AUM and CLOs under management. It also features 'The Fitch View' which represents our summary of the managers' qualifications, strengths, potential areas of concern and any mitigating factors. All the data referenced in the handbook is available for download in a complementary excel file, allowing for seamless comparison and contrast of metrics.

CLO Asset Manager Handbook April 2024

Loan AUM Development

Year	U.S.	Europe
2010	10	5
2011	15	8
2012	20	12
2013	25	15
2014	30	18
2015	35	22
2016	40	25
2017	45	28
2018	50	32
2019	55	35
2020	60	38
2021	65	42
2022	70	45
2023	75	48

CLO Market Analysis & Data

Fitch's monthly BSL & MM CLO Spotlight reports, European CLO Index reports and Quarterly US CLO Market Reviews each highlight the evolving trends in the global CLO market and across Fitch's rated CLO portfolio. The charts contained in the Spotlight report (supplemented with underlying data) cover trends in key metrics such as: OC test cushions, Fitch Ratings' minimum break-even default cushions, issuer watchlists and defaults, default and recovery trends, collateral quality tests, WARR, WARF, maturity profile and industry composition, amongst others.

FitchRatings U.S. BSL & MM CLO Spotlight - April 2024

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Structural CLO Features

To facilitate negotiation of the complex world of CLOs, Fitch regularly publishes detailed analysis of any evolving structural features in transactions and aims to demystify the complex terms of covenants; providing numerous instances of the diverse terminology employed.

FitchRatings Structural Finance DEX

European CLOs: Selected Covenants Reviewed

While European CLO documents may seem to be fairly standardized, investors should remain cautious when reviewing these documents as the impact of certain Structural DEX features is not always immediately obvious.

Typical Documentation Language Identified

Fitch Ratings is providing a summary of the most common language identified in European CLO transactions. This report focuses on the most common and important language used in these transactions, as well as the reasons behind, selected provisions commonly used in these transactions.

WAL Test Extension Concept

Many of the most common European CLOs are structured under the concept of weighted average life (WAL) test extension.

ASE Addressing "Source and Origin"

"Source and Origin" provisions, whereby assets are identified for CLOs, which the manager retains their right to receive a certain percentage of the net proceeds of the CLO, are becoming more common in European CLOs.

Uplift Pricing Clarified

Uplift pricing is a common feature in European CLOs, whereby the issuer pays a fee to the manager for the ability to set the rate of the underlying obligations. This fee is often referred to as the "uplift fee".

Structural Obligations and Exchanged Security

Structural obligations are obligations that are not subject to the same priority as the underlying obligations. These obligations are often used to provide for the needs of the issuer or the manager.

CLO Surveillance

CLO Offerings in Fitch Ratings PRO

CLO Offerings in Fitch Ratings PRO, updated weekly; enables users to delve into detailed tracking at an unparalleled depth, extending to the level of individual collateral holdings in both US BSL and European leveraged loan CLOs.

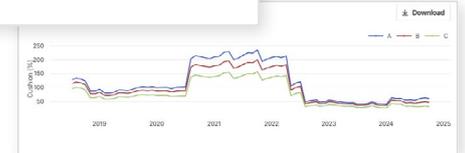
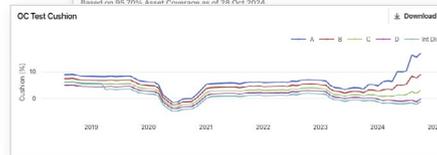


CLO Tracker includes among others:

- Fitch Model Implied Rating
- Collateral Quality Tests
- Industry, country, maturity, credit, recovery distributions
- Holdings including market concern loans and doc scores*
- PCM Output
- Overlap of issuers by deal
- Sustainable Fitch's ESG Score for benchmarking
- CreditSights' Documentation Score distribution

ESG Score for Leveraged Finance (Weighted Average)

ESG Metrics	Tikheou CLO II DAC	EMEA Deals (Average)
ESG Composite Score	59.50	50.63
E Score	39.10	39.14
S Score	57.30	58.65
G Score	63.40	62.30



Class	CDSP	Rating Test	Original	Use Rating	Current	Watch	Sub	FX	Original	Current	Original	Current	OC	OC	OC	OC
Class 1	100%	BBB	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Class 2	100%	BBB	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Class 3	100%	BBB	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Class 4	100%	BBB	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Class 5	100%	BBB	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Class 6	100%	BBB	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Class 7	100%	BBB	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Class 8	100%	BBB	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Class 9	100%	BBB	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Class 10	100%	BBB	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Middle market Surveillance Sheets

Track key credit indicators on rated transactions for US Middle Market CLOs. Surveillance data for US and European BSL CLOs can be found in the interactive CLO Tracker tool.

CLO Research

CLO Asset Manager Handbook	Profile reports for 100+ US and European CLO managers, CLO team leaders, and credit committee contacts. Assets under management – asset type, investor type, and region. CLOs under management – vintage, portfolio composition and risk retention compliance. Manager's portfolio management style.	Annually
	Related CLO asset manager datasheet.	Annually
US CLO Market Review	Contains US BSL and US MM metrics in one place to enable easy cross-markets analysis. Recaps CLO market trends and drivers/CLO manager updates over the past quarter.	Quarterly
European CLO Index	CLO market and performance update including trends in key metrics, e.g., credit enhancement levels, Weighted Average Spread (WAS) by vintage and failures, OC Cushions, CCC baskets, diversity scores, 2nd lien exposure, cash balance by vintage, watchlist, and defaulted assets.	Monthly
US BSL & MM CLO Spotlight	Provides readers with insights into the overall performance patterns of Fitch-rated CLOs and spotlight trends using Fitch-specific benchmarks. This report covers both broadly syndicated and middle-market CLOs. It aims to present provide more transparency to the middle-market sector.	Monthly

* Documentation Scores are provided by CreditSights/Covenant Review and ESG Scores by Sustainable Fitch

Fitch Ratings PRO is a cutting-edge, multi-channel technology platform that delivers our data, research and tools to our clients in a way that ideally matches their current systems and workflows.

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Make our data work harder: Pull our ratings, ESG, transition and default data into Excel via our Add In. Use our simple formula builder to manipulate the data with no specialist knowledge required, as our best practice techniques ensure you can draw down data at speed. Use pre-built templates to assess ratings data or custom-built templates that match your workflow to cut down the time you spend calculating and increase the time you dedicate to critical decisions.



API & FEEDS

Use your own systems: Our Feeds and API channels integrate seamlessly with any third party or proprietary systems, allowing you to bring our data and research into a familiar environment and work with it alongside information from other sources.

CLIENT SERVICES

A dedicated team of client service professionals based in New York, London, Hong Kong, Singapore and Tokyo provide 'follow the sun' support.

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ABOUT FITCH RATINGS | RESEARCH & DATA

Fitch Ratings | Research & Data helps credit, risk, and investment professionals make better-informed decisions and meet regulatory requirements, within and beyond the rated universe. We do this by bringing together the rigorous analysis and deep expertise of 1,500+ Fitch Ratings analysts and the supporting data, models and methodologies, plus workflow-enhancing analytical tools. All to help you make decisions with confidence.

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