Structured Finance Portal

An End-to-End Structured Finance Analytics Solution

What We Offer:

Moody's Analytics Structured Finance Portal sets the standard for data transparency, analysis, and reporting across structured finance. This premier web-based tool offers data and analytics across all structured finance asset classes with advanced reporting and time-saving data normalization and aggregation. It provides structured finance professionals with cashflows, regulatory metrics, comparative analytics, and data aggregation in one integrated platform.

Cash Flow Module	Monitoring Module	Regulatory Module
» Cash Flow Engine » Loan-Level Data » Deal Libraries » Pricing » Credit Models » Macroeconomic Scenarios	» Manager Style & Performance » Portfolio-Level Reporting » Benchmarking » Complete Asset Coverage	» Regulatory Metrics » OTTI, SSFA, ERBA, SEC-SA » IFRS9, CECL, SPPI » Advisory » Model Validation

Delivery Mechanisms

Structured Finance Portal (Web)

Application Programming Interfaces (APIs)

Data Feeds

Excel® Add-In

Complete Asset Coverage on an International Scale

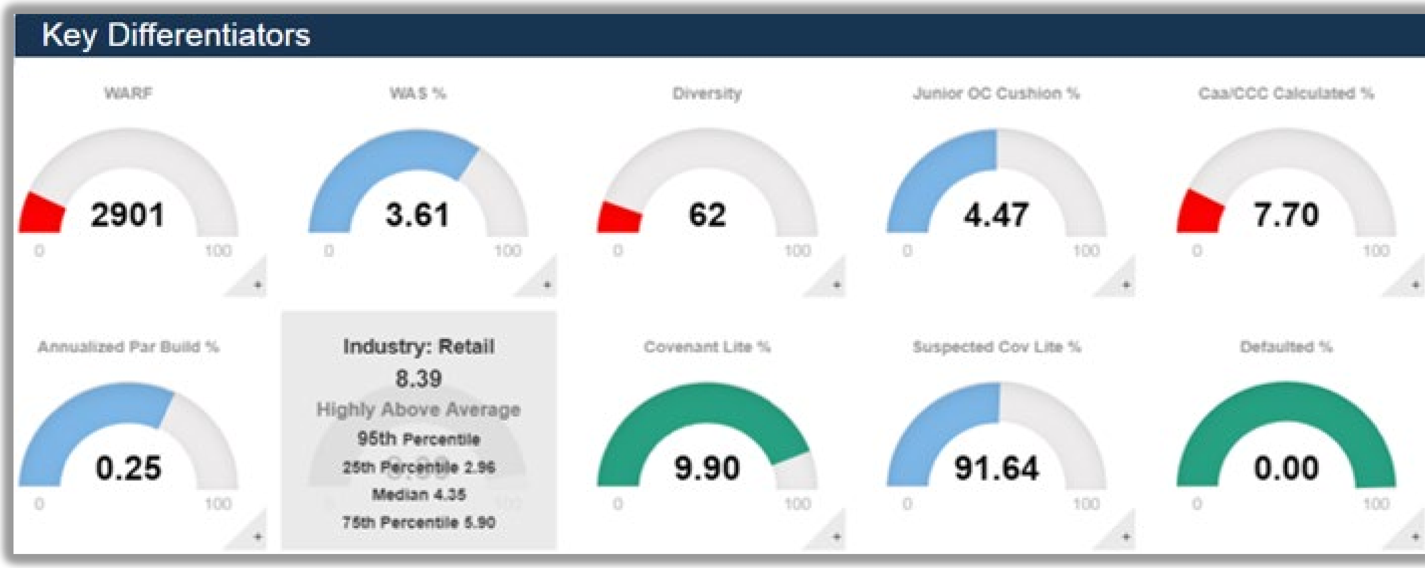
Our extensive performance database allows for deal-to-deal comparisons to assist in buy/sell decisions and trend analysis, as well as the ability to aggregate all data to allow for surveillance on the entire market. Users have access to over 12,000 deals, with coverage spanning all structured finance asset classes globally.

- Auto ABS
- CDOs/CLOs
- Credit Card ABS
- Esoteric ABS
- CMBS
- RMBS
- Student Loan ABS

Product Details

Market color, benchmarking, and valuations

Benchmark your tranche with a scatter plot against its cohorts across any given performance metric or see where a deal falls in the distribution. Project cashflows dynamically based on your own assumptions or Moody's Analytics credit models. Get a complete picture of a tranche's estimated value with a suite of analytics and comparative metrics.



Loan-level data including default probabilities and financial ratios

Dive deeper into your credit analysis using our full suite of data on the underlying loans. See which deals and managers are most exposed to a loan and who has been trading it recently. Get the history of Moody's Analytics EDF™ (Expected Default Frequency) measures for each issuer.

CLO

Asset Level

Collateral Name	LoanX	Balance	Spread %	Maturity	Moody's Facility Rating	Price (Orig Data)	Price Depth
Advantage Sales & Marketing Inc. First Lien Term Loan	LX138508	7,905,292.18	3.25000	2021-07-23	B1	96.22	4
Asurion, LLC Term Loan B-4 (Replacement)	LX167792	7,764,822.63	2.75000	2022-08-04	Ba3	100.71	7
TIBCO Software Inc Term Loan B (7/17)	LX167660	6,442,782.40	3.50000	2020-12-04	B1	100.29	6
Petco Animal Supplies, Inc. Second Amendment Term Loan B1	LX158994	5,340,113.95	3.00000	2023-01-26	B1	69.31	12

CMBS

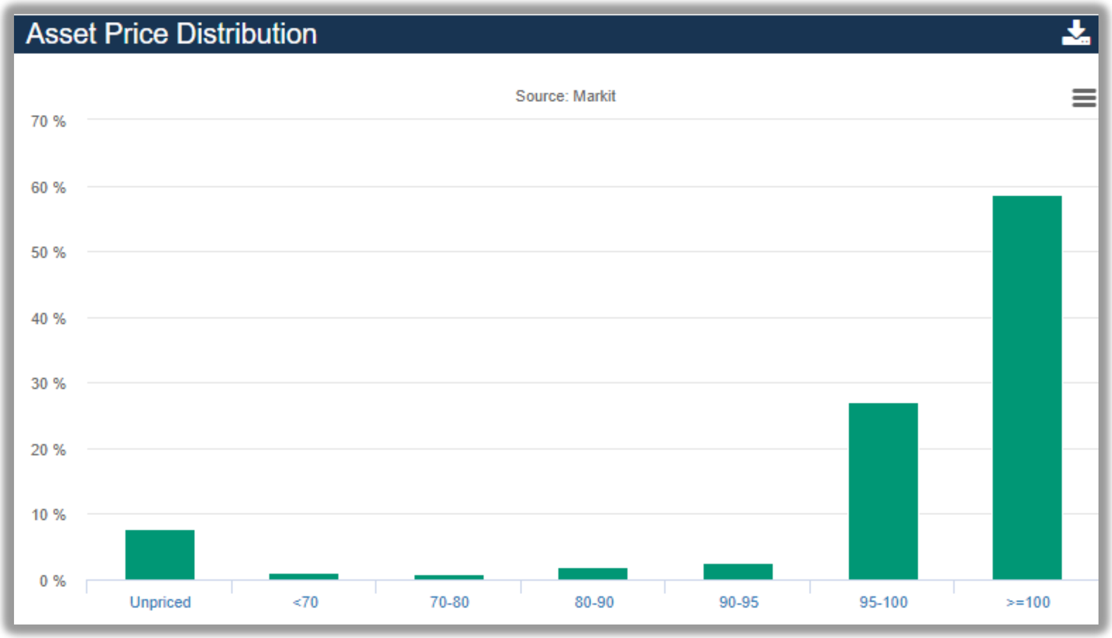
Loan Level Summary

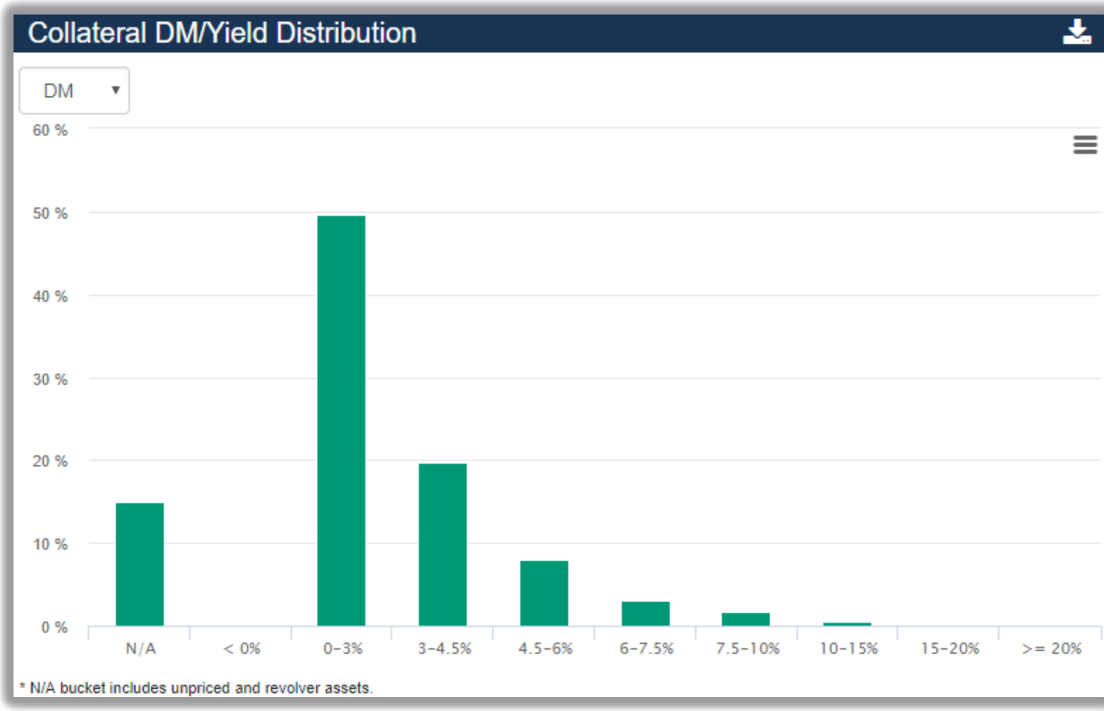
Loan | Property | Major Tenant

Property Name	Property Type	Current Ending Scheduled Balance	Current Note Rate (%)	Split / Pari Passu Loan	Most Recent Value	Most Recent DSCR NOI
Manchester Run Shopping Center	RT	9,115,034.57	4.25	NO	15,800,000	0.55
City Center Retail - Lansing	RT	3,365,844.33	4.75	NO	5,000,000	0.92
Ole London Towne Apartments	MF	16,250,000.00	4.46	NO	24,600,000	1.14
Champion Hills	OF	5,351,085.84	4.78	NO	8,050,000	1.20
Kohl's - Wadsworth	RT	7,102,788.23	4.85	NO	11,230,000	1.27

Portfolio-level reporting and analytics

» Understand your overall exposures with portfolio-level charts, graphs, and reporting.





» Project the estimated value of your portfolio all at once with dynamic, batch cashflow analysis.

Assumptions

Run	Deal	Class	DM (bps)	Yield (%)	Prepay Rate	Prepay Type	Default Rate	Default Type	Rec Lag (Months)	Reinvest Price	Reinvest Price Type	Spread (%)	Reinvest Term
☐	ALM V Ltd.	B	0		30	CPR	2	CDR	6	100	User Define	3.75	72
☐	Avery Point II CLO Ltd.	F	0		30	CPR	2	CDR	6	100	User Define	3.75	72
☐	Avery Point III CLO Ltd.	X	0		30	CPR	2	CDR	6	100	User Define	3.75	72
☐	BlueMountain CLO 2012-1 Ltd.	PS		0	30	CPR	2	CDR	6	100	User Define	3.75	72

» Determine your most significant industry categories, most risky underlying loans, etc.

Biggest Issuers

Issuer	% of Portfolio	Portfolio Exposure(USD)	WA Price
MITRATECH HOLDINGS, INC.	0.56	2,799,931	99.12
LIBERTY GLOBAL PLC	0.55	2,766,905	99.96
PACE ANALYTICAL SERVICES, LLC	0.52	2,604,827	99.12
DILIGENT BOARD MEMBER SERVICES INC	0.51	2,540,128	97.12
BENIHANA INC.	0.50	2,513,386	99.12
HEALTHCARESOURCE HR, LLC	0.49	2,442,445	99.12
COMMUNITY HEALTH SYSTEMS, INC.			
CLARKSON EYECARE, LLC			
LAS VEGAS SANDS CORP.			
ORTHOTIC HOLDINGS, INC			

Biggest Defaulted Issuers

Issuer	% of Portfolio	Portfolio Exposure(USD)	WA Price
CONCORDIA INTERNATIONAL CORP.	0.11	562,862	90.19
TOYS "R" US, INC.	0.08	376,804	45.75
ALPHA NATURAL RESOURCES, INC	0.06	305,683	23.75
TWENTYEIGHTY, INC.	0.06	283,920	98.64
TRIDENT HOLDING COMPANY, LLC	0.05	271,835	74.80
PACIFIC DRILLING S.A.	0.04	207,028	33.50
	0.04	201,486	35.00
	0.03	143,309	96.91
	0.02	86,331	38.50
	0.02	82,348	62.50

Biggest Suspected Defaulted Issuers

Issuer	% of Portfolio	Portfolio Exposure(EUR)	WA Price
VISTRA ENERGY CORP.	0.46	4,186,229	100.24
SHERIDAN INVESTMENT PARTNERS I, LLC	0.19	1,745,346	83.33
SANTE S.A.	0.10	895,256	100.67
PANDA ENERGY INTERNATIONAL	0.06	590,534	91.50
CHARMING CHARLIE LLC	0.05	489,407	75.00
HGIM CORP.	0.05	457,065	40.50
F&W PUBLICATIONS, INC.			
ASCENT RESOURCES, LLC			
FIAT CHRYSLER AUTOMOBILES N.V.			
SPRINT HOLDINGS, INC.			

Biggest Industries

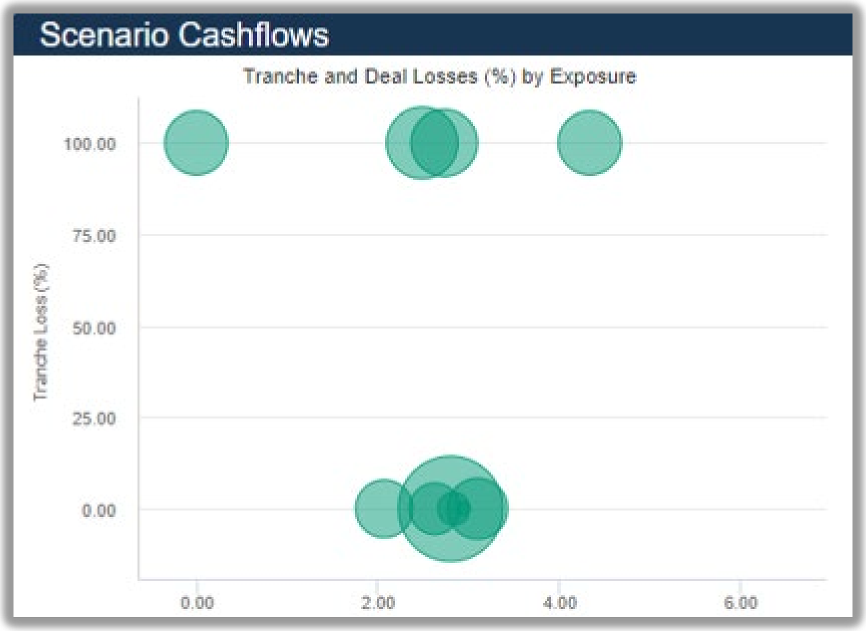
Industry	% of Portfolio	Portfolio Exposure(EUR)	WA Price
CORP - Healthcare & Pharmaceuticals	12.58	115,237,571	98.80
CORP - Services: Business	12.28	112,517,605	99.84
CORP - High Tech Industries	9.93	90,937,049	99.38
CORP - FIRE: Banking, Finance, Insurance & Real Estate	7.83	71,771,676	100.26
CORP - Media: Broadcasting & Subscription	7.74	70,901,707	99.18
CORP - Retail	7.04	64,499,406	90.95
	4.68	42,844,001	99.62
	4.47	40,949,921	100.16
	4.47	40,940,809	100.31
	2.28	20,881,150	99.09

Biggest Caa/Ccc Issuers

Issuer	% of Portfolio	Portfolio Exposure(USD)	WA Price
COMMUNITY HEALTH SYSTEMS, INC.	0.49	2,434,078	97.38
GLOBAL FRANCHISE GROUP, LLC	0.38	1,884,471	99.12
IMMUCOR, INC.	0.37	1,871,299	102.04
ALLIED UNIVERSAL HOLDCO LLC	0.33	1,637,539	98.22
NBC INTERMEDIATE, LLC	0.30	1,480,490	70.00
U.S. RENAL CARE, INC.	0.23	1,156,598	100.32
MCAFEE, LLC	0.23	1,153,078	101.01
WME IMG, LLC	0.21	1,030,626	100.61
PLATFORM SPECIALTY PRODUCTS CORPORATION	0.21	1,030,583	100.85
BERRY GLOBAL GROUP INC.	0.20	996,213	100.43

Access up-to-date, estimated regulatory-based metrics

- SSFA, ERBA and SEC-SA capital charge calculations (Point-in-Time and Forecasted)
- Stress testing calculations for CCAR/DFAST banks (Point-in-Time and Forecasted)
- Other Than Temporary Impairment (OTTI) calculations (Point-in-Time and Forecasted)
- Solely for Payment of Principal and Interest (SPPI) Test and IFRS9 Impairment and Staging
- Forecasted cashflows and metrics under selected scenarios (see examples below)



Tranche/Collateral Summary

CUSIP	ISIN	Accrued Interest	Average Life	Par Duration	Par Convexity	Collateral Losses	Collateral Loss %
020056AE7	US020056AE70	0	0.00	0.00	0.00	22,497,981	3.10
053633AA1	US053633AA10	0	0.00	0.00	0.00	12,429,884	2.94
09625WAG0	US09625WAG06	0	1.13	2.03	0.03	113,890	4.33
09626VAC0	US09626VAC00	0	6.87	8.15	0.89	24,800,530	2.48
14310HAE8	US14310HAE80	0	4.53	6.24	0.65	35,713,120	2.73
14310KAN1	US14310KAN19	0	0.00	0.00	0.00	30,359,098	2.80
12548AAC5	US12548AAC53	0	0.04	0.04	0.00	0	0.00
12549HAA3	US12549HAA32	386,913	4.47	3.93	0.18	8,921,608	2.07
38173BAA4	US38173BAA44	0	0.00	0.00	0.00	1,998,015	2.84
38173JAC3	US38173JAC36	0	0.00	0.00	0.00	520,575	30.00

Excel Add-In

The Excel Add-In allows you to call the most popular features of our cash flow analytics engines straight from the cells of an Excel Workbook. The Add-In uses Excel's in-cell formulas without any VBA code or advanced programming required. Use the report wizard to populate your spreadsheet in a few simple steps with structured finance content and analytics.

Find out more information about Moody's Analytics award winning structured finance products and solutions.

Evaluated Pricing Solutions: Calculate end-of-day prices for structured finance securities based on various pricing recipes across global structured asset classes

Investor and Issuer Solutions: Our end-to-end solution includes 500+ enhanced metrics, a sophisticated cash flow engine, global coverage, and advanced comparative analytics

Portfolio Analytics & ALM Solutions: Access structured cash flows models and data via APIs to calculate and report assets and liabilities under various economic scenarios

Risk & Regulatory Solutions: Leverage our proprietary interest rate, economic, credit and cash flow models to calculate advanced market risk measures and to assist with your regulatory needs, such as for CCAR, DFAST, IFRS9, and CECL

CONTACT US

www.moodysanalytics.com/microsites/structured-finance-solutions

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