



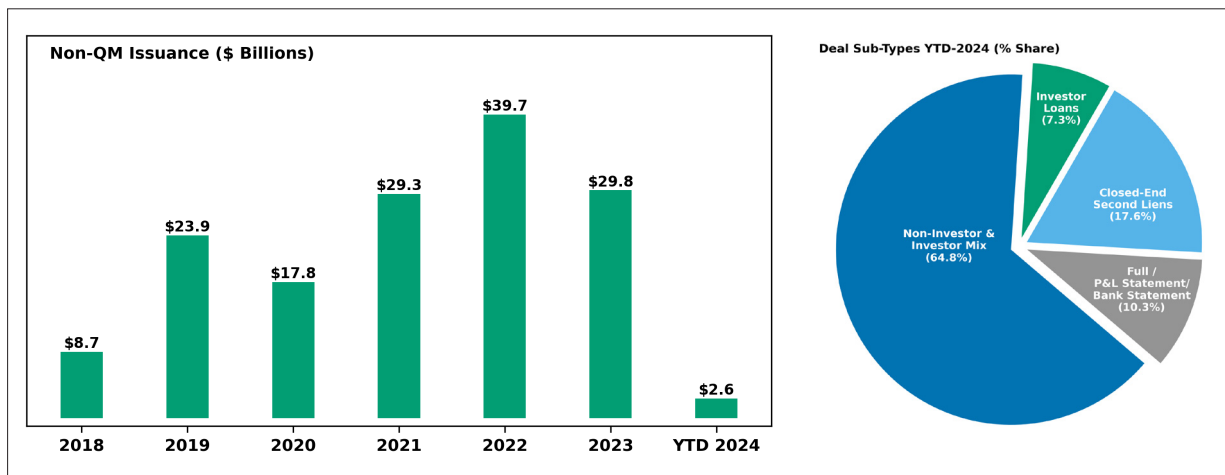
**Non-QM Segmentation Facilitates Diverse Loan Type Exposures**

Recent non-QM issuance underscores the segmentation in the sector. Deals pricing since yearend already featured second lien collateral (TPMT 2024-CES1, \$452 million), a pool of traditional bank statement and DSCR loans (OBX 2024-NQM1, \$413.6 million), and pure play investor DSCR loans (COLT 2024-INV1, \$204.4 million). The market is also poised to see fresh reperforming (RPL) deals, according to industry reports. The non-QM deal diversity facilitates exposures to collateral that go beyond just first lien, ability-to-repay-exempt (ATR-exempt) loans that in the past characterized many deals in the sector (Figure 1).

Stav Gaon  
+1 (646) 768-9173  
sgaon@academysecurities.com

Headquarters Address:  
Academy Securities, Inc.  
622 Third Avenue, 12th Fl  
New York, NY 10017

Figure 1. Non-QM Issuance, 2018-2024 YTD



Source: Bloomberg and Academy Securities

We are also seeing growing diversity within the various non-QM subsegments. Notably, debt service coverage ratio (DSCR) deals now feature a spectrum of differing collateral characteristics. Some characteristics suggest tighter underwriting on aspects that typically raise investor concerns. For example, the percentage of cash-out refinancing loans dropped to low-forties in some deals, compared to high fifties in others (Figure 2).<sup>1</sup> The percentage of interest-only loans

<sup>1</sup> For comparison, the cashout loan percentage across non-investor deals is much lower. The non-prime industry average stood at 26.7% in 2021-2023, according to Fitch.

## Investor Non-QM: Pockets of Value as Underwriting Tightens

also varies quite a bit across deals. In turn, the share of adjustable-rate loans plummeted to 3.1% on the most recent DSCR deal, compared to a high of 25.9% in a 2023-vintage deal. Overall 60+ day delinquency levels on DSCR collateral in late 2023 were better than non-DSCR collateral, except on a couple vintages, according to rating agencies.

Figure 2. Investor Non-QM Deals Pool Characteristics

	COLT 2024-INV1	VERUS 2023-INV3	MFA 2023-INV2	VISIO 2023-2	JPMMT 2023-DSC2
Balance (\$MM)	204.5	372.7	214.7	191.6	308.0
Adjustable Rate Loans (%)	3.1	20.9	45.1	25.9	4.1
Interest-only Loans (%)	15.6	21.8	8.3	4.9	14.2
Cash-out Refinancing (%)	43.2	42.6	60.6	51.5	58.3
Top-3 States	FL 21.5 CA 9.8 TX 8.6	FL 21.8 CA 14.6 NY 13.8	FL 12.7 OH 9.6 PA 9.7	FL 14.9 TX 9.5 NC 7.8	FL 16.7 CA 10.2 TX 10.2
Planned Unit Development (%)	14.8	15.6	NA	11.3	10.8
Condominium (%)	11.5	12.3	2.7	6.0	3.3
Multifamily (%)	NA	5.7	8.7	NA	0.2

Source: Deal Documents, Ratings Agencies, and Academy Securities

### DSCR Collateral at a Juncture

**The DSCR collateral diversity and stable performance happen just as the underlying rental properties face a mix of headwinds and tailwinds.** Investor non-QM deals are backed by residential mortgages on single-family or two- to four-unit properties that are typically rented out. Property cashflows or rental income are the main underwriting parameters, rather than borrower's income. Amid an elevated rate environment and housing softness, we expected the rental market to remain relatively strong, especially in suburban locations, that are characterized by smaller properties and limited supply.

**Several factors now put pressure on the property cashflows that underpin DSCR collateral.** In particular, rising property taxes and insurance costs – two expense items that have buffeted the broader multifamily market – can depress DSCR levels (Figure 3). The DSCR is calculated by dividing (1) a property qualifying monthly rental income less taxes and insurance, by (2) the monthly mortgage payment. An alternative approach is to calculate the ratio of gross rental income to the sum of the mortgage payments, property taxes, and insurance on the property.

Figure 3. DSCR Loans Tailwinds and Headwinds

Headwinds	Tailwinds
<ul style="list-style-type: none"> <li>Rising tax assessments because of strong home price appreciation (tax expenses rose 10.5% in 2023)</li> <li>Rising insurance costs and reduction in availability (insurance costs rose 3.4% in 2023; However, DSCR deals have elevated exposure to FL properties, where rising insurance costs is an especially acute problem)</li> <li>Growing number of sub-unity DSCR ratios</li> </ul>	<ul style="list-style-type: none"> <li>Rental demand remains positive</li> <li>Elevated exposure to geographic areas seeing positive rent growth, such as Northeast and Mid-Atlantic</li> <li>Demographic support for rental demand as the younger age cohort remains elevated</li> </ul>

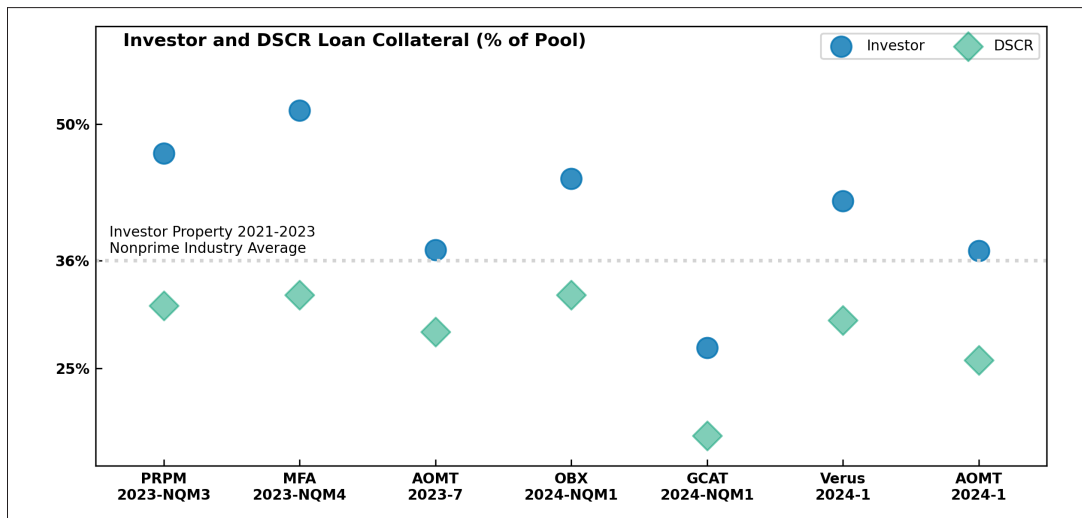
Source: Academy Securities

## Investor Non-QM: Pockets of Value as Underwriting Tightens

**At-issuance DSCR levels on recent deals do not yet indicate distress.** Weighted average DSCR levels ranged from 1.4x to 1.1X. We do observe differences in DSCR underwriting guidelines across issuers. Some issuers do not allow sub-unity DSCR collateral, or allow it under very strict exceptions. Other issuers do not have explicit minimums on DSCR levels, but allude to overlays on sub-unity DSCR loans.

**Issuers do not underwrite all investor properties with a DSCR approach.** Looking at the investor properties component in non-QM deals with diverse collateral types, we see that some of them are underwritten to standard borrower characteristics such as FICO score and DTI ratios (Figure 4). Still, even the non-investor deals contain a significant, though varying percentage of investor properties.

Figure 4. Investor Properties Collateral in Non-QM Deals



Source: Deal Documents, Ratings Agencies, and Academy Securities

### Structural Features Amid Distress

**DSCR deals structural features will become impactful if the sector delinquencies start rising.** Notably, some investor deals do not include servicer advancing on delinquent loans, a key difference from CMBS transactions. The lack of advancing could lead to elevated interest shortfalls on pools that experience credit issues. On the flip side, investors should expect greater liquidation proceeds compared to advancing deals. Advancing reimbursements regularly drove large loss severities when servicer advancing accumulated over time. With no advancing, we would expect a greater alignment between liquidation values and bond paydowns.

**Deals that require P&I advancing feature some variation in their advancing provisions.** The length of the advancing period is typically three months, but some deals require a slightly longer period. Unlike P&I advancing, deals may require the servicer to make advances of delinquent taxes and insurance (and other property preservation advances) on any delinquent mortgage loan until the related property is liquidated. However, similar to CMBS advancing mechanism, the DSCR deal servicer may deem advances nonrecoverable, and stop advancing.

## **Academy Securitized Products Research Recent Reports**

### **Securitized Products Special Topics:**

[Multifamily Prepays: Becoming Less Common, as Property Sales Drop](#)

[Device Payment ABS: Expect Stable Performance as Collateral Evolves](#)

[CRE CLO Mods: Rising Volume Not Immediately Telegraphing Distress](#)

[Aircraft ABS: Waterfalls Playing Catch-Up as Fundamentals Recover](#)

[Data Centers: Teakeaways from 2023-Vintage Deals](#)

[Litigation ABS: Tailwinds in Place for an Uncorrelated Segment](#)

[Agency Floaters: Adjusting Interest Rate Cap Escrows](#)

[Equipment ABS: Pick Your Spots Amid Diverging Collateral Trends](#)

[Commercial Solar ABS: Emergent Segment to Alleviate Headline Risks](#)

[Multifamily CRT: Limited Credit Risk on Synthetic Exposures](#)

[OC Triggers: Subtle Thresholds Come to the Fore As Collateral Stress Builds Up](#)

[Cell Towers: Lender-Friendly Features Dovetail with Secular Tailwinds](#)

[Timeshare ABS: Exposure to Favorable Hospitality Segments](#)

[Self Storage: Aspects to Watch as Performance Decelerates](#)

[Transitional Multifamily: Collateral Migration Away from CRE CLO Offers Different Deal Profile](#)

[Recovery Bonds: No Need to Closely Watch the Fed or the Economy Here](#)

[Affordable Mortgages: Fee Elimination Spotlights Convexity Profile](#)

[Investor Non-QM: Rental Exposure with Some Structural Twists](#)

[Data Centers: A Strong Segment Juggles ABS and CMBS](#)

[Small Balance Multifamily: Value Ahead of Slow Prepays](#)

[Future Funding: Potential Key Performance Driver as CRE CLO Pipeline Builds Up](#)

[Multifamily Prepays: Property Sales Trigger Paydowns](#)

[Manufactured Housing: Resilient Segment Amid Potential Multifamily Softness](#)

[Tender Offers: Expect More to Come, Though Not on a Predictable Schedule](#)

[NYC Multifamily: Rent Increases to Support Cashflows Amid Regulatory Restrictions](#)

[Housing at a Crossroads: Single-family and Multifamily Exposures](#)

[Senior Housing: Focus on Segment Selection Amid Pandemic Impact](#)

[Disaster Performance: Pandemic Forbearance Resolutions Bode Well for Future Stresses](#)

[Russian Sanctions Impact: Lease Terminations and Forced Property Sales](#)

**CMBS Credit Focus:**

[Blanket NRAs: Shutting Down Advances Upends Credit IO Trades](#)

[Credit 2024: Workout Nuances Come to the Fore](#)

[Recovering the Non-Recoverable: Liquidation Nuance Bolsters Paydowns](#)

[Special Servicer Replacements: 1740 Broadway Crystallizes Implications](#)

[Crossgates Liquidation: Holdbacks Complicate Severity Projections](#)

[WODRA: Bond Cashflows Under Stress in Post-Mod Advance Recovery](#)

[Securitized Mezz: Workout Dynamics in Public Display](#)

[Dark Triggers: Nuances in Focus as Tenant Departures and Subleasing Pick Up](#)

[Upping Appraisals: Recovering Valuations Reverse Shortfalls](#)

[Non-Recoverable Advances: Unveiling a Rationale for a Key Decision](#)

[Excess Cash Allocations: Probing Advances on Positive Cashflowing Loans](#)

[Release Prices: Cherry Picking Across Office Portfolios, Sometimes at a Discount](#)

[Mezz Loan Sales: A Potential Headache for CMBS Workouts](#)

[Equity Pledges: Hotel Bossert Spotlights Dual Collateralized Loans](#)

[The Road to Conversion: Consider Office Ground Leases and ARD Loans](#)

[Credit 2023: Advancing and Workout Approaches to Play a Central Role](#)

[Hotel Receiverships: Palmer House Hilton Spotlights Stabilization Efforts](#)

[Office Modifications: 285 Madison May Offer a Blueprint for More to Come](#)

[Triple-A Shortfalls: Destiny Spotlights Delayed ASERs Impact](#)

[Inflation-Resistant Leases: Rent Steps Offer Some Revenue Protection, though Not Much](#)

[Industrial Delinquencies: Don't Happen Often, but Watch Closely When They Do](#)

[Hotel Reserves: Key Performance Driver after Pandemic-Driven Depletion](#)

[Government Tenants: Short Termination Notices and Specialized Properties](#)

[Mall Foreclosures: What to Track as Servicers May Shift Away from Modifications](#)

## **Disclaimer**

Although certain information has been obtained from sources believed to be reliable, we do not guarantee its accuracy, completeness or fairness. We have relied upon and assumed without independent verification, the accuracy and completeness of all information available from public sources.

Views and opinions expressed are for informational purposes only and do not constitute a recommendation by Academy Securities for any purpose including buying, selling, or holding any security. Views and opinions are current as of the date of this presentation and may be subject to change, they should not be construed as investment advice.

This information discusses general market activity, industry or sector trends, or other broad-based business, economic, market or political conditions and should not be construed as operational, research or investment advice. This material has been prepared by Academy Securities and is not financial research nor a product of Academy Securities. It was not prepared in compliance with applicable provisions of law designed to promote the independence of financial analysis and is not subject to a prohibition on trading following the distribution of financial research. The views and opinions expressed may differ from those of Academy Securities. Investors are urged to consult with their financial advisors before buying or selling any securities. This information may not be current and Academy Securities has no obligation to provide any updates or changes.

Economic and market forecasts presented herein reflect a series of assumptions and judgments as of the date of this presentation and are subject to change without notice. These forecasts do not take into account the specific investment objectives, restrictions, tax and financial situation or other needs of any specific client. Actual data will vary and may not be reflected here. These forecasts are subject to high levels of uncertainty that may affect actual performance. Accordingly, these forecasts should be viewed as merely representative of a broad range of possible outcomes. These forecasts are estimated, based on assumptions, and are subject to significant revision and may change materially as economic and market conditions change. Academy Securities has no obligation to provide updates or changes to these forecasts. Case studies and examples are for illustrative purposes only.

## **Index Benchmarks**

Indices are unmanaged. The figures for the index reflect the reinvestment of all income or dividends, as applicable, but do not reflect the deduction of any fees or expenses which would reduce returns. Investors cannot invest directly in indices.

The indices referenced herein have been selected because they are well known, easily recognized by investors, and reflect those indices that the Investment Manager believes, in part based on industry practice, provide a suitable benchmark against which to evaluate the investment or broader market described herein. The exclusion of “failed” or closed hedge funds may mean that each index overstates the performance of hedge funds generally.

**THIS MATERIAL DOES NOT CONSTITUTE AN OFFER OR SOLICITATION IN ANY JURISDICTION WHERE OR TO ANY PERSON TO WHOM IT WOULD BE UNAUTHORIZED OR UNLAWFUL TO DO SO.**

©Academy Securities, Inc.