

Securitized Products Special Topics

ARDs: Missing Anticipated Repayments Not Unusual, But May Warrant **Workouts**

MISSION DRIVEN







Net Lease ARD Loans Spotlight Built-In Mod Mechanism

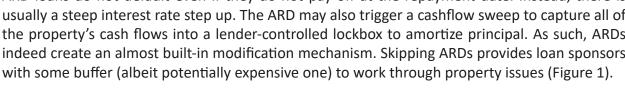
Borrower decisions to skip payoff at loan anticipated repayment dates (ARD) test the efficiency of the ARD feature as a pre-negotiated modification mechanism. ARD "breaches" in net lease ABS deals have surprised some investors, based on conversations with market participants. The \$2.0 billion SORT 2020-1 is one example of a net lease deal that has some of its classes past their ARD. The borrower reportedly faced difficulties refinancing the loan, backed by Amazon triple-net leases. The ARD was on July 15, 2025. The bonds should now carry a much steeper post-ARD rate, of at least 10.0%, up from 1.69%.

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

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

ARD loans are not uncommon. Quite a few CMBS loans have this feature, including large leased-fee situations, and a few net lease loans. 1 As a reminder,

ARD loans do not default even if they do not pay off at the repayment date. Instead, there is usually a steep interest rate step up. The ARD may also trigger a cashflow sweep to capture all of the property's cash flows into a lender-controlled lockbox to amortize principal. As such, ARDs indeed create an almost built-in modification mechanism. Skipping ARDs provides loan sponsors with some buffer (albeit potentially expensive one) to work through property issues (Figure 1).



ARD Loan Balance (\$ Billions) Years After ARD Until Maturity \$5.14 BN \$4.75 BN \$3.40 BN \$3.21 BN \$2.95 BN \$1.79 BN \$1.57 BN \$0.25 BN Post-ARD 2025 2028 2031 2032+

Figure 1. ARD Schedule

Source: Morningstar Credit and Academy Securities

^{1 &}quot;The Road to Conversion: Consider Ground Leases and ARD Loans in Office Analysis," CMBS Credit Focus, January 5, 2023



Quite a few Post-ARD Outstanding Loans

There are quite a few outstanding loans that have gone past their ARD, despite the apparent surprise over the ARD miss in the SORT deal. Notable examples include the \$268.7 million Graybar Building (MSC 2015-420) and the \$169.1 million 625 Madison Avenue (COMM 2014-CR14 and CR15). The Graybar Building loan reached its ARD in October 2024. The borrower did not pay off, and the loan's coupon dramatically stepped up to 8.02% from a pre-ARD rate of 3.77%. In turn, 625 Madison had its ARD back in December 2018. The loan's interest rate increased to 5.3% from 2.3% back then. It increased again in January 2023 to at least 6.05%. The loan's final maturity date is in December 2026. A few smaller net lease loans are also past their ARD. Examples include several of the Walgreens Net Lease Portfolio loans and Bluerock Net Lease Portfolio (Figure 2).

Figure 2. Post-ARD Loans

Asset	Graybar Building	625 Madison Ave	State Farm Portfolio	100 West 57th St.	Walgreens Net Lease Portfolios	Bluerock Net Lease Portfolio
Deal	MSC 2015-420	COMM 2014-CR14 COMM 2014-CR15	COMM 2014-UBS3 COMM 2014-UBS4 COMM 2014-UBS5 MSBAM 2014-C16	COMM 2015-CR22 COMM 2015-DC1 WFCM 2015-NXS1 WFCM 2015-NXS2	COMM 2015-LC19 COMM 2015 -C21 JPMBB 2015-C28	JPMBB 2013-C12
Loan Balance	\$268,700,000	\$169,100,000	\$319,477,106	\$180,000,000	\$132,919,485	\$9,561,496
Loan Status	Performing	Performing	Performing	Performing	Performing	Performing
ARD	October 2024	December 2018	April 2024	November 2019	January 2025	June 2023
Maturity	October 2040	December 2026	April 2029	April 2035	January 2030	June 2028
Pre-ARD Rate	3.77%	2.30%	4.63%	2.31%	4.22%	4.15%
Current Rate	8.02%	6.05%	7.86%	6.36%	6.57%	6.65%

Source: Morningstar Credit and Academy Securities

Some ARD Situations May Need Active Workouts

CMBS loans that miss their ARD typically do not transfer right away to special servicing, despite the potential distress that caused the borrower to skip payoff. The borrower is likely sufficiently incentivized to diligently work on refinancing the loan given steeper post-ARD interest rates. In a similar vein, post-ARD ABS also do not trigger workout management. The way SORT and other potential ARD misses in ABS deals play out may have investors questioning the passive approach to ARD situations. Some post-ARD CMBS loans, such as 625 Madison, did end up transferring to special servicing as the property situation became more complicated.

Investors may be interested in actively negotiating with borrowers missing their ARD. In some situations, it may be beneficial to negotiate a discount (or forgiveness) of the stepped-up ARD interest, in exchange for earlier payoff of the bonds. Further, missing ARDs mean bonds can remain outstanding for many more years. In SORT the legal final maturity is in 2060. Many of the



underlying net leases still do not expire for many years as well. The pool leases had 19.3-year weighted average lease term at issuance, according to deal documents. But several properties have much shorter lease terms. The earliest lease expiration in the pool is 2031. With the borrower missing its ARD, the deal investors are now exposed to rollover risk before bond maturity. Any replacement tenant may not offer the strength of Amazon. Net leases do require focus on the tenant's credit profile given the tenant responsibility for a range of uncertain expenses, as we previously discussed.²

^{2 &}quot;Net Leases: Scarcity Value as Issuance Poised to Pick Up," Securitized Products Special Topics, Academy Securities, May 13, 2024





Academy Securitized Products Research Reports

Securitized Products Special Topics - Esoteric ABS:

Crypto Collateral: Expect Robust Par Value Tests

Utility Rates: Rising Bills Can Bolster RRB Deals

Energy Transition: Expect Broader Definitions in Securitization Laws

Power Costs: Data Centers and Recovery Bonds Poised for More Predicatability

Sports Securitization: Vet League Revenues and Stadium Cashflows

<u>Timeshare ABS: Program-specific Attributes to Drive Performance</u>

Music ABS: Pool Variations Emerge Amid Constructive Sector View

Tower ABS: Tenant Preferences Bode Well for Leasing Demand

Aircraft ABS: Momentum Builds for Insurance Booster

Data Centers: Tenant Rosters Poised to Change

Container ABS: Geopolitical Tailwinds as Issuance Picks Up

Gas Securitization: Shorter WAL Alternative to Electric Charge Deals

Net Leases: Scarcity Value as Issuance Poised to Pick Up

Recovery Bonds: Deal Reporting Shows True-Up Adjustments Potency

Data Centers: Performance Wrinkles to Test Operators' Role

Recovery Bonds: Diversifying Exposure Moves Beyond Disasters

Device Payment ABS: Expect Stable Performance as Collateral Evolves

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

Equipment ABS: Pick Your Spots Amid Diverging Collateral Trends

Commercial Solar ABS: Emergent Segment to Alleviate Headline Risks

Cell Towers: Lender-Friendly Features Dovetail with Secular Tailwinds

<u>Timeshare ABS: Exposure to Favorable Hospitality Segments</u>

Recovery Bonds: No Need to Closely Watch the Fed or the Economy Here

Data Centers: A Strong Segment Juggles ABS and CMBS



Securitized Products Special Topics:

BBnB: Check Your Booked-But-not-Billed Data Center Exposure

Stadium Finance: Shift to Private Funding Sets Stage for Securitization

Early Terminations: Tenant-friendly Provisions to Move Up Data Center Rollovers

Life Sciences: Surveil Your Exposure as Distress Percolates

CRE CLO Liquidations: Losses Accumulate, but No Immediate Writedowns

Office Contractions: New Term Rollover Risk, and Swelling Reserves

Multifamily Expenses: Broad Increases Mask the Fluctuations

Small Balance Commercial: Periphery Locations and "Weak" Sponsors May Prove Supportive

<u>Investor Non-QM: Pockets of Value as Underwriting Tightens</u>

Multifamily Prepays: Becoming Less Common, as Property Sales Drop

CRE CLO Mods: Rising Volume Not Immediately Telegraphing Distress

Agency Floaters: Adjusting Interest Rate Cap Escrows

Multifamily CRT: Limited Credit Risk on Synthetic Exposures

OC Triggers: Subtle Thresholds Come to the Fore As Collateral Stress Builds Up

Self Storage: Aspects to Watch as Performance Decelerates

Transitional Multifamily: Collateral Migration Away from CRE CLO Offers Different Deal Profile

Affordable Mortgages: Fee Elimination Spotlights Convexity Profile

Investor Non-QM: Rental Exposure with Some Structural Twists

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

<u>Tender Offers: Expect More to Come, Though Not on a Predictable Schedule</u>

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:

Distressed Office: 522 Fifth Avenue Trade Illustrates Office Upside

BOLT: Liquidation Confirms Priority of Shortfalls Recovery

Office Receiverships: Gauge the Value of Changing Management

Litigation Holdbacks: Long Gone Loans Keep Haunting Trusts

Privileged Appraisals: Surprise ARA Jumps Baffle Investors

Office Re-defaults: Foreclosures to the Fore as Modified Maturities Near

Interest Adjustments: Track Shortfalls Repayment and Priority

New Leases: Track Post-Issuance Replacement Tenants

Property Protection Advances: Track Opaque Expenses in Long Workouts

Parkmerced: Abundance of Structural Angles to Determine Bond Cashflows

Pro-rata Prepays: Surprise Booster for Subordinate Bonds

PILOT: Check Another Wrinkle of Ground Leases

Non-Trust Debt: Check the Seniority of Your CMBS Collateral

Recovering Shortfalls: Credit IO Value in Distressed Office

Releasing Holdbacks: RENT is Writing Up Bonds

Reserves vs Advances: Servicers Tap Reserves to Lower Advances

Forward Forbearances: One Market Plaza Introduces a Twist to Mods

<u>Loan Assumptions: Watch Waterfalls as New Borrowers Redevelop</u>

Holdbacks: RENT in the Limelight, as Other Cases Brewing

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 Crystalizes 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.