

Insights Brief

REIT Volatility as Friend, Not Foe

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Market volatility creates opportunity. For real estate investors, this opportunity is often presented in the listed REIT universe. Yet, some investors who place these REITs within their equities bucket (citing the volatility of asset prices as their rationale) are missing their chance to take advantage of this instability. Their approach ignores the fact the same volatility exists – although it may not be properly measured in the private real estate markets.

A robust 2021 study¹ tracking 22 years of performance for the \$32 trillion of retirement assets in the United States found that, after adjusting for valuation lags, REITs and private real estate demonstrate similar levels of true volatility, at 18.9% and 17.9%, respectively. However, the measured volatility of private real estate and listed REITs is usually not in tandem, with REITs often hitting bottom as the private market peaks. This absence of synchronization between what are essentially the same assets in different wrappers can create an attractive asset allocation opportunity for astute investors to capitalize on valuation dislocations.

Valuation Dislocation Opportunity

Today, amidst a unique environment of heightened economic and geopolitical uncertainty, we recognize REITs as an attractive entry point into real estate. While the REIT market has already incorporated the reality of current and looming risks into its valuations in real-time, the private markets have lagged. To wit, the NCREIF Open-End Diversified Core Equity (ODCE) Index, the most widely used index in the private real estate markets, showed a positive 12% total return for the first half of this year, primarily driven by appreciation return of over 10%. During that same time, the total return for listed REITs, as measured by the FTSE Nareit Equity Index, was -16% despite similarities in the performance of the underlying portfolios.

While listed markets can initially overreact (hence creating opportunities), we believe they provide directional insight into how valuations for real estate may change over time. We analyze this phenomenon quarterly through our Cap Rate Perspective brief, which assesses valuations across public and private real estate. Here we have consistently noted that when REITs are trading at these deep discounts, one of two dynamics is at play: Either NAVs are going to fall to align with the market decline, or REITs are misaligned, trading at a true discount and will rebound. In either scenario, the marginal dollar is better invested in the REIT market.

We have seen this scenario play out historically. During the last 25 years, REITs have only traded at a 15% or greater discount to NAV seven times and have delivered extraordinarily strong returns six out of those seven times after reaching this level (Figure 1). The only exception was in 2007 during the Global Financial Crisis, when REITs had to undertake dilutive equity issuances due to elevated levels of leverage (Figure 2). However, that is not the case today. The REIT market's Debt-to-Asset Value in June 2022 was 29%, well below February 2007 levels of 46%.

Refer to footnote references at the end of this material.

Figure 1: REIT Market Price to NAV

130%
120%
110%
100%
90%
80%
70%
1997 2000 2003 2005 2008 2011 2014 2016 2019 2022

Source: BAML Estimates; September 1997-August 2022.

Figure 2: Time Horizon of P/NAV greater than 15%

	Duration of Discount	FTSE Nareit Equity REITs Index Total Return (1 year)	FTSE Nareit Equity REITs Index Cumulative Total Return (3 years)
October 1999	7 months	17.63%	44.03%
August 2007	1 month	-7.04%	-17.92%
February 2009	1 month	95.19%	187.57%
September 2011	1 month	32.45%	58.80%
August 2015	1 month	25.47%	31.82%
December 2018	1 month	26.00%	66.04%
March 2020	2 months	37.78%	N/A
June 2022	2 months	N/A	N/A

Source: CenterSquare; September 2022.

As of July 2022, REITs were trading at a 19.4% discount to NAV. The average total return following such a deep discount period historically was 33% after one year and 62% after three years (Figure 3). Thus, we see opportunity ahead for significant REIT price appreciation.

A Canary in the Coal Mine

The discrepancy in returns between the public and private markets this year is not a new phenomenon. In fact, we have observed this relationship repeatedly in the past. The public market rapidly incorporates changes in valuation then the private market follows at a meaningful

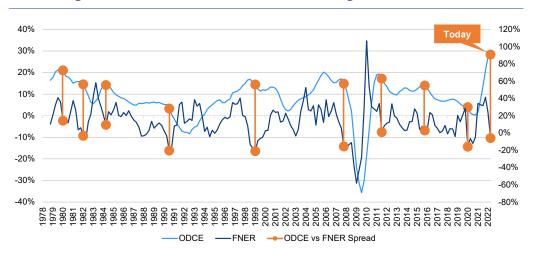
Figure 3: Return Summary of Total Returns Post-Discounted Pricing Periods

	FTSE Nareit Equity REITs Index Total Return (1 year)	FTSE Nareit Equity REITs Index Cumulative Total Return (3 years)	Date
High	95.19%	187.51%	9-Feb
Low	-7.04%	-17.92%	7-Aug
Median	26.00%	51.42%	N/A
Average	32.50%	61.71%	N/A

Source: CenterSquare; September 2022.

lag. This phenomenon has historically resulted in the private market peaking while the REIT market is concurrently bottoming, creating an opportunity for tactically reallocating capital between private and public real estate exposures. (Figure 4) In fact, looking at quarterly total returns since 1978, after the REIT market bottoms, the historical outperformance of REITs versus ODCE funds one year forward has been 42.8%. Even excluding the outsized impact of the GFC, the outperformance of REITs versus ODCE funds one year forward after the bottom has been 26.2%.

Figure 4: Public vs. Private Real Estate Trailing 12 Month Returns



Source: Bloomberg, CenterSquare as of August 2022. Public Real Estate represented by FTSE Nareit All Equity REITs (FNER) Index; Private Real Estate represented by ODCE Index.

find ourselves We today in a similar position where the REIT market seems to be bottoming after implied adjusting real estate valuations macroeconomic headwinds, all while the private market is still posting strong results. During these when the periods state of the capital markets is in flux and private markets are slow to adjust, we look to the public markets directionally indicate

the path for pricing. Accordingly, today public markets are pointing to cap rate expansion in the private markets where the movement will be most acute for deals that were underwritten assuming low debt costs and aggressive persistent growth. Investors who track REIT market movement should recognize this pattern and focus private real estate investment dollars in sectors driven by favorable structural thematics and strong value-add business plans.

Conclusion

Given today's backdrop of macroeconomic and geopolitical instability, uncertainty feels more permanent than ever before. Yet, this volatility can be counteracted by investors paying attention to the REIT market which has historically 1) outperformed after periods of deep discount and 2) predicted the direction of private market valuations. To capture the upside of today's market volatility, an actively managed REIT strategy allows investors to recognize and act upon price dislocation in both the private and public markets in real time. To exclude or misplace a REIT allocation is omitting a valuable instrument in a performance toolkit. And in these unstable times, investors can use all the tools they get.

¹ CEM Benchmarking, 2021: Asset Allocation and Fund Performance of Defined Benefit Pension Funds in the United States 1998-2019.



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Any indication of past performance is not a guide to future performance. The value of investments can fall as well as rise, so investors may get back less than originally invested. Because the investment strategies concentrate their assets in the real estate industry, an investment is closely linked to the performance of the real estate markets. Investing in the equity securities of real estate companies entails certain risks and uncertainties. These companies experience the risks of investing in real estate directly. Real estate is a cyclical business, highly sensitive to general and local economic developments and characterized by intense competition and periodic overbuilding. Real estate income and values may also be greatly affected by demographic trends, such as population shifts or changing tastes and values. Companies in the real estate industry may be adversely affected by environmental conditions. Government actions, such as tax increases, zoning law changes or environmental regulations, may also have a major impact on real estate. Changing interest rates and credit quality requirements will also affect the cash flow of real estate companies and their ability to meet capital needs

Definition of Indices

FTSE Nareit Equity REITs Index (FNRE)

The FTSE Nareit US Real Estate Index Series is designed to provide the most comprehensive assessment of overall industry performance, and includes all tax qualified real estate investment trusts (REITs) that are listed on the New York Stock Exchange, the American Stock Exchange and the NASDAQ National Market List. The index constituents span the commercial real estate space across the US economy and provides investors with exposure to all investment and property sectors.

FTSE Nareit All Equity REITs Index (FNER)

The FTSE Nareit All Equity REITs Index is a free-float adjusted, market capitalization-weighted index of U.S. equity REITs. Constituents of the index include all tax-qualified REITs with more than 50 percent of total assets in qualifying real estate assets other than mortgages secured by real property.

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The REIT ODCE Proxy is a universe of REIT stocks built to resemble the NCREIF Fund Index – Open End Diversified Core Equity (ODCE). The ODCE, short for NCREIF Fund Index – Open End Diversified Core Equity, is the first of the NCREIF Fund Database products and is an index of investment returns reporting on both a historical and current basis the results of 36 open-end commingled funds pursuing a core investment strategy, some of which have performance histories dating back to the 1970s. The REIT ODCE Proxy is proprietary to Center Square and uses gateway/infill names in apartments, retail, industrial and office, and then weights them according to the ODCE index to create a proxy.

These benchmarks are broad-based indices which are used for illustrative purposes only. The investment activities and performance of an actual portfolio may be considerably more volatile than these indices and may have material differences from the performance of any of this index.

A direct investment in an index is not possible.



About CenterSquare

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