

PRIVATE REAL ESTATE DEBT MARKET

Using data from Preqin's **Real Estate Online**, we take a look at the real estate debt market, showcasing data on historical fundraising, funds in market, investors and top performing funds.

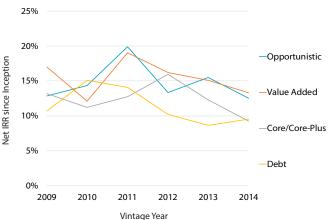


Strategy (All Vintages) 19% 18% Risk - Standard Deviation of Net IRR Opportunistic 17% Value Added 16% 15% Core/Core-Plus 14% Debt 13% 12% 9% 10% 12% 13%

Fig. 1: Closed-End Private Real Estate: Risk/Return by Primary

Source: Pregin Real Estate Online

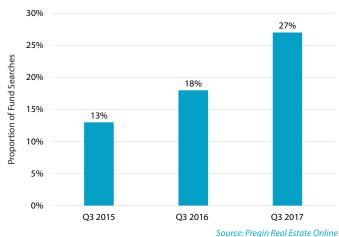
Fig. 2: Closed-End Private Real Estate Funds: Median Net IRRs by Vintage Year and Strategy



Source: Preqin Real Estate Online

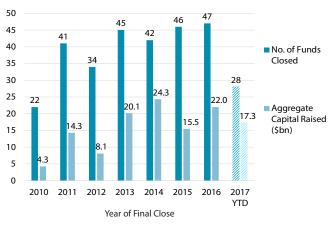
Fig. 3: Investor Searches and Mandates that Include Debt Funds, Q3 2015 - Q3 2017

Return - Median Net IRR



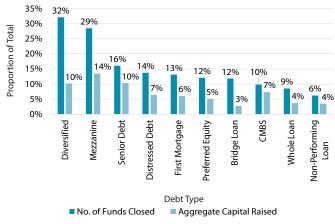
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Fig. 4: Closed-End Private Real Estate Debt Fundraising, 2010 - 2017 YTD (As at September 2017)



Source: Pregin Real Estate Online

Fig. 5: Closed-End Private Real Estate Debt Fundraising by Debt Type, 2010 - 2017 YTD (As at September 2017)



Source: Preqin Real Estate Online



Fig. 6: Closed-End Private Real Estate Debt Funds in Market over Time, 2014 - 2017

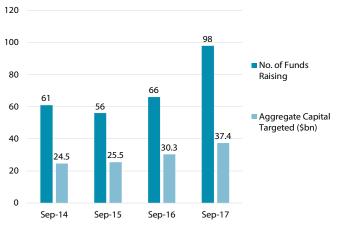
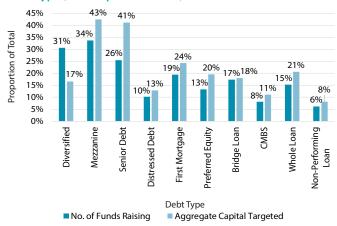


Fig. 7: Closed-End Private Real Estate Debt Funds in Market by Debt Type (As at September 2017)



Source: Preqin Real Estate Online

Source: Preqin Real Estate Online

Fig. 8: Top Performing Closed-End Private Real Estate Debt Funds (All Vintages)

Fund	Firm	Vintage	Fund Size (mn)	Geographic Focus	Net IRR (%)	Date Reported
Occasio CMBS Fund I	Redwood-Kairos Real Estate Partners	2008	15 USD	North America	59.8	30-Jun-17
Colony Investors I	Colony NorthStar	1991	185 USD	North America	45.8	30-Jun-17
Managed Account II	25 Capital	2010	108 USD	North America	34.2	31-Mar-17
Fir Tree Mortgage Opportunity Fund	Fir Tree Partners	2008	364 USD	North America	30.1	31-Mar-17
TerraCotta Realty Fund	TerraCotta Group	2011	100 USD	North America	29.6	31-Dec-16

Source: Preqin Real Estate Online

Fig. 9: Sample Investor Commitments to Closed-End Private Real Estate Debt Funds

Firm	Fund Size (mn)	Debt Type(s)	Geographic Focus	Sample Investor(s)
H/2 Capital Partners	1,587 USD	CMBS, Distressed Debt, Mezzanine	North America, West Europe	Arizona State Retirement System, Old Dominion University, Varma Mutual Pension Insurance Company
Brunswick Real Estate	800 EUR*	Senior Debt	Nordic	Folksam, PRI Pensionsgaranti
Oaktree Capital Management	1,112 USD	CMBS, First Mortgages, Mezzanine	Global	Chipstone Foundation, Illinois State Board of Investment
Europa Capital	163 GBP	Mezzanine	UK	Century Tokyo Leasing Corporation
Talmage	200 USD	B-Notes, CMBS, First Mortgages, Mezzanine, Senior Debt	North America	Oregon State Treasury
	H/2 Capital Partners Brunswick Real Estate Oaktree Capital Management Europa Capital	H/2 Capital Partners 1,587 USD Brunswick Real Estate 800 EUR* Oaktree Capital 1,112 USD Management 163 GBP	H/2 Capital Partners 1,587 USD CMBS, Distressed Debt, Mezzanine Brunswick Real Estate 800 EUR* Senior Debt Oaktree Capital 1,112 USD CMBS, First Mortgages, Mezzanine Europa Capital 163 GBP Mezzanine Talmage 200 USD B-Notes, CMBS, First Mortgages, Mezzanine,	H/2 Capital Partners 1,587 USD CMBS, Distressed Debt, Mezzanine West Europe Brunswick Real Estate 800 EUR* Senior Debt Nordic Oaktree Capital Management 1,112 USD CMBS, First Mortgages, Mezzanine UK Europa Capital 163 GBP Mezzanine UK Talmage 200 USD B-Notes, CMBS, First Mortgages, North America

*Denotes target size. Source: Preqin Real Estate Online

DATA SOURCE:

Real Estate Online is Preqin's industry-leading real estate information resource, incorporating all of our real estate data, intelligence and functionality, providing you with the most comprehensive coverage of the asset class available.

In Numbers: Private Real Estate Debt on Real Estate Online

- Number of private real estate fund managers offering a debt strategy: 752
- Number of closed-end private real estate debt funds: 910
- Number of investors with a preference of investing in private real estate debt: 1,316

For more information, or to arrange a demonstration, please visit:

www.pregin.com/realestate