

A Deeper Look At Private Debt

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Overview of Private Debt



What is Private Debt?

- Providing funds to borrowers with financing needs that are not met as efficiently in the traditional debt markets
- Alternative to traditional lending sources:

Small Companies

Mid-sized Companies

Large Companies



Local Banks

Private Debt Funds

Large Global Banks
Leveraged Loan Market
Corporate Bond Market



Five Key Points:

- 1. Serves a need in the marketplace
- 2. Performs well in increasing rate environments
- 3. Generally provides lower volatility
- 4. However not a "traded market"
- 5. Various different strategies and approaches



1. Serves a Market Need

% Change Since 2010

- # of U.S. banks
- % of U.S. middle market loans owned by U.S. banks
- "Dry powder" of middle market private equity firms
- Size of the middle market





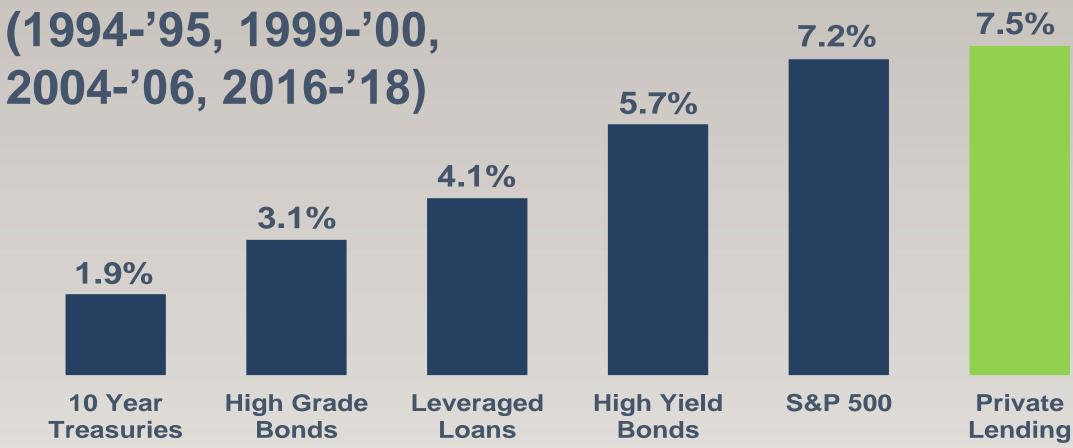






2. Does Well When Rates ↑

Returns In Past Increasing Rate Environments

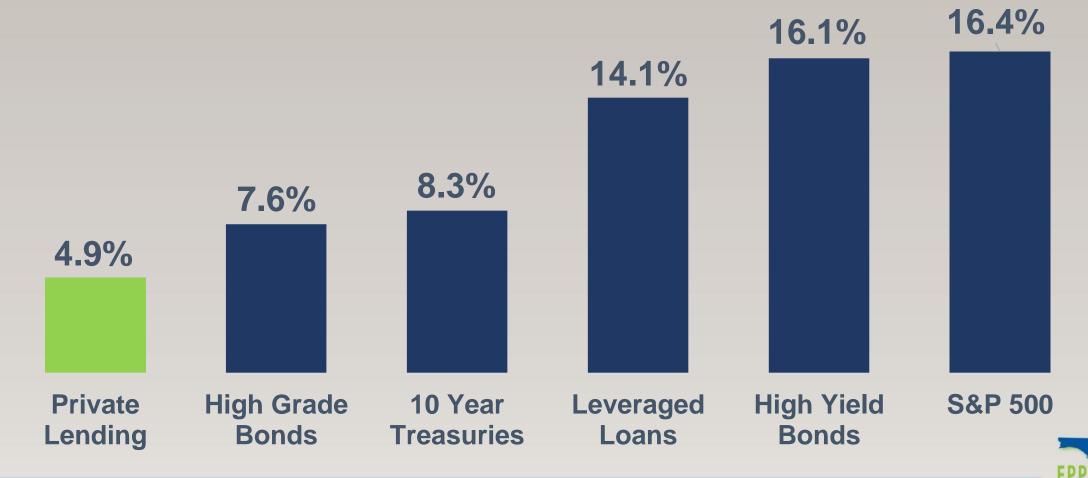




Notes: Represents average annualized returns. Private lending from CDLI where available. Sources: Bloomberg, BaML Indices, Cliffwater, CCP analysis.

3. Provides Lower Volatility

Average Annual Volatility of Returns to Investors



Sources: Bloomberg, CCP analysis. Indices are the Cliffwater Direct Lending Index, S&P LSTA Leveraged Loan Index, Bloomberg US Treasury Index, BofAML US High Yield Index, BofAML US Corporate Index and the S&P 500.

4. Not a "Traded" Market

Public Debt

 Mutual funds, ETFs, etc.

Can sell (price?)

Can "buy" with index funds

Private Debt

 Closed end / locked up funds

Limited

 Not indexed, actively managed

Ability to "Index"

Investment

Structure

Liquidity



5. Various Strategies Exist

% of Total Capital

Senior Debt

Junior Debt

Equity

Senior Debt

- Secured loans
- No upside

Junior / "Mezzanine"

More upside features

Equity

- Greatest upside potential
- Lack of current income and fees

"Unitranche"

 Single facility combining senior and junior debt



Market Conditions



Cyclical Factors

Rising Interest Rates / "Fed tightening"

Macroeconomic risks

Private markets fundraising / "dry powder"



Rising U.S. Interest Rates

U.S. Federal Funds Effective Rate



Macroeconomic Risks

Key Risks

Implications for Private Debt

U.S. Recession

Trade War uncertainty?

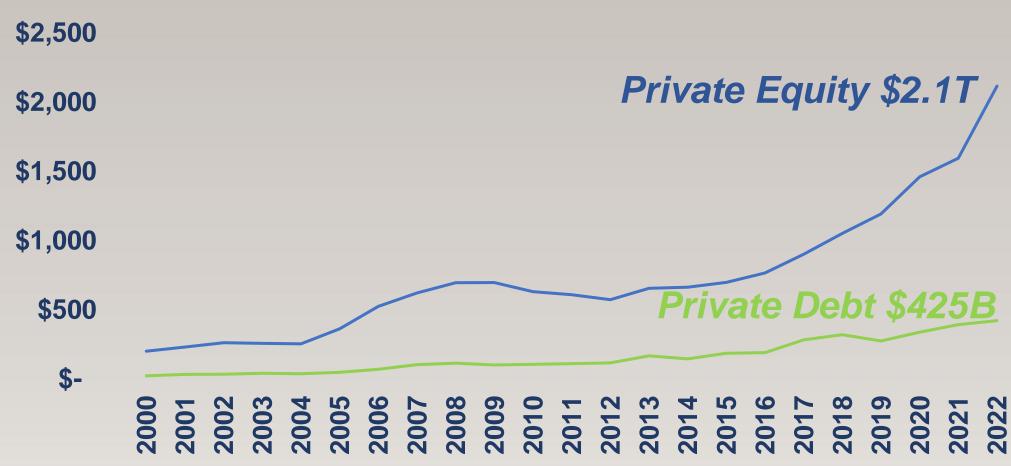
Geopolitical uncertainty?

- Potential risks from credit losses
- Better protected than other assets
- Generally focused on domestic U.S. middle market companies

 Impossible to predict impact – but likely bad for all asset classes

Private Markets Fundraising

Dry Powder (Billions of Dollars)





Investing in Private Debt



Overview

- Senior and junior/mezzanine direct lending are the primary strategies in private credit
- Fund strategies can be generalist or highly specialized / narrow, and U.S. or global
- Sourcing, diligence, and monitoring are more important / challenging in the private markets
- Controlling fees and aligning manager incentives help mitigate "J-curve" negatives of private funds

Investment Strategy Selection

Fund Strategy

Options:

- Generalist
- Niche industry / asset

Considerations:

- Opportunity window?
- Specialization?

Geographic Focus

Options:

- U.S.
- Other markets

Considerations:

- Creditor protections
- FX risk



Fund / Manager Selection

Sourcing

Assessing Fund
Managers'
Differentiated
Advantages

Structuring

Due Diligence Portfolio Management



Takeaways

- Shifts in the capital markets have created an opportunity for private credit strategies
- Can provide higher returns with lower volatility than public markets
- There are a broad range of options, but North American private debt is the most popular
- Manager selection and alignment of interests are important