

Beyond Traditional Financing:

An Analysis of the Recent Rise of Private Credit in Capital Markets

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Historically, Leveraged Buyouts (“LBO”) were funded through a combination of debt and equity, relying heavily on traditional bank loans and public bond issuances to finance these high-stakes transactions. After the financial crisis of the late 2000s, there was a noticeable shift in the landscape of acquisition financing. Funding for acquisitions continued to evolve during the COVID-19 crisis, when debt was very cheap because interest rates were so low, prompting a surge in borrowing activity (Neely & Carmichael, 2021). This created an artificially low-interest rate environment that, as experts cautioned, could not be sustained indefinitely. Subsequently, the Federal Reserve Board found itself compelled to raise interest rates to combat the looming threat of runaway inflation. As a consequence, borrowing costs began to rise, rendering debt more expensive for businesses and deal-makers alike (Wojnilower, 2023). This financial climate led to a critical inflection point where acquisition strategies had to be adapted and alternative sources of funding were explored.

One of the sectors that has witnessed the most remarkable growth in this evolving financial landscape is the private credit sector (Aramonte, 2020). Previously underutilized due to the prolonged period of low-interest rates, private credit has emerged as a viable and attractive alternative to funding acquisitions, particularly in the context of rising borrowing costs. As seen through prominent instances such as Warburg Pincus and Advent International's acquisition of Baxter's biopharma business—which was exclusively financed through private credit—the private credit market is demonstrating its capacity to fill the funding gap, providing flexible and

customized financing solutions for complex transactions (Sen & Carnevali, 2023). Warburg Pincus and Advent International, two private equity companies, used the private credit model to design a financing package that met the specific requirements of acquiring Baxter’s BioPharma solutions business. The company, selling for \$4.25 billion in cash, will now be operating under the name Simtra BioPharma Solutions (“Simtra”) (Advent International, 2023). This flexibility allows for the customization of terms, repayment structures, and covenants, enabling the involved parties to navigate the complexities of the deal more effectively.

In the 1980s and early 1990s, small companies needed to find a private market alternative to keep their businesses afloat and to aid in acquisitions. In 2008, after the stock market crashed, everyone began to wonder when banks would start lending money again and what their companies would do in the meantime. For dealmakers and investors navigating the shifting financial landscape, private finance is becoming an increasingly popular option due to its inherent flexibility, customization ability, and potential for better profits. This industry is anticipated to continue to be crucial in determining acquisition funding and investment strategies in the future, given the growing significance and appeal of private credit investments. This will ensure that the financial system is flexible and responsive to changing demands and obstacles.

Part I of the paper describes what private credit is. Part II explains the ways private credit has evolved since the 1970s. Part III outlines reasons why private credit is an attractive investment. Part IV notes various examples of private credit investments. Part V elaborates on the trajectory of private credit in upcoming years. This paper concludes by suggesting that there will be a continued tremendous appetite in the markets for private credit funding for deals of varying sizes.

I. What is Private Credit?



A. Private credit and what it is used for in the capital markets

Private credit is a form of lending where non-bank lenders provide privately negotiated financing to companies, small businesses, startups, and individuals, tailored to the borrower's specific needs (Rosenbaum et al., 2020, p. 176). Private credit, often regarded as a flexible financial instrument, serves a pivotal role within the capital markets. Its versatile nature allows it to cater to the diverse needs of borrowers, whether they require funding for large-scale transactions, specific project financing, or short-term capital (Understanding Private, 2023). This discrete form of credit offers a tailored solution for businesses and individuals seeking financial resources outside the traditional lending sphere.

In capital markets, private credit plays a crucial role in facilitating various financial activities. It often supports corporate entities in executing mergers and acquisitions, providing the necessary funding to close deals swiftly. Furthermore, private credit can be employed for project financing, offering financial backing for ventures that may not conform to the conventional criteria of other lending sources (Understanding Private, 2023). The ability to adapt to unique financing needs makes private credit a valuable tool for borrowers seeking funding solutions that align with their specific requirements. In essence, private credit serves as a flexible and adaptable resource within the realm of capital markets, helping to bridge financial gaps and foster economic growth (Private Credit, n.d.). Private credit may be divided into several categories including direct lending, distressed debt, mezzanine, second-lien debt, and preferred equity. These categories are discussed in detail in the following sections.

B. The various types of private credit offerings

Direct lending refers to the practice of non-bank lenders providing privately negotiated loans or lines of credit to privately owned companies (Understanding Private, 2023). These

loans are often tailored to meet the unique financial needs of middle-market businesses seeking specialized financing solutions. One key advantage of direct lending is its focus on the most senior section of a company's capital structure, which not only offers the potential for consistent income but also carries reduced risk (Chesare, n.d.). This makes it an attractive option for companies looking for a secure and customized financial solution, which can be especially beneficial during times of economic uncertainty.

Distressed debt investment involves acquiring the debt of firms facing financial difficulties or those that have previously defaulted on their obligations (Understanding Private, 2023). Investors in distressed debt actively engage in negotiations or utilize legal avenues to extract maximum value from these troubled assets (Cote, 2021). While successful ventures into distressed debt can yield substantial returns, it's important to note that this type of investment comes with exceptionally high risks, as navigating the complexities of distressed companies and debt restructuring can be a challenging and unpredictable endeavor (CFI Team, n.d.). Debt restructuring has the propensity to be an unpredictable endeavor because of macroeconomic factors, regulatory environments, and industry dynamics, making it imperative for investors to adapt their strategies accordingly as economic landscapes evolve.

Mezzanine debt occupies a unique niche in the world of financing, sitting between high yield debt and equity (Rosenbaum et al., 2020, p. 189). Typically structured as subordinated debt, mezzanine financing assumes a lower priority in the event of bankruptcy or liquidation compared to senior debt (Hayes, 2023). This positioning reflects the additional risk mezzanine lenders undertake, which is often rewarded with the potential for greater profits. Mezzanine debt is frequently chosen to bridge the gap between the amount a business can secure through conventional debt financing and the equity capital required to fund various projects or

acquisitions (Origin Investments, 2023). This choice, though relatively more expensive than traditional senior debt, can offer a valuable solution for companies seeking a balance between financial support and risk management.

Second-lien debt, often viewed as a versatile financing instrument, provides a flexible and adaptable solution for businesses navigating the complex terrain of private credit funding. This form of floating-rate loan is secured by the owner's assets and can be structured in a variety of ways to precisely align with a company's specific financial requirements. In the event of financial distress or bankruptcy, second-lien debt holders enjoy a priority position, coming after senior debt holders but before mezzanine debt holders (Rosenbaum et al., 2020, p. 195-196). This strategic placement in the capital structure allows companies to access additional capital while safeguarding the interests of their existing stockholders. In contrast, first-lien debt represents a more traditional and secure form of private credit. These loans are typically granted priority over all other forms of debt, making them the most senior section of a company's capital structure (Understanding First, 2023). First lien debt is often sought after for its reliability and lower risk profile, as it takes precedence in repayment, assuring lenders of a secure investment (Understanding First, 2023). While it may not offer the same level of flexibility as second-lien debt, it remains a solid option for companies seeking stable and conventional financing solutions in the private credit landscape (Guide to Private, n.d.). However, it's essential to recognize that second-lien debt serves as an innovative complement to first lien debt, allowing companies to unlock additional capital while preserving the integrity of their equity structure (Chen, 2023). This duality of first and second lien debt in the private credit arena provides businesses with a spectrum of financing options, tailored to their unique financial needs and risk tolerance.

Preferred equity represents a hybrid ownership structure that combines features of both stock and debt. Preferred equity investors rank lower than all debt holders but have a higher claim on a company's assets and earnings compared to common equity owners. While they do not typically possess the same voting rights as common shareholders, preferred equity investors receive fixed dividend payments akin to interest on debt. (Rosenbaum et al., 2020, p. 189) This unique financial instrument is frequently employed in real estate and private equity deals, allowing investors to participate in a company's future growth while enjoying a greater degree of security and predictable returns.

II. The Evolution and History of Private Credit Markets

A. The initial development of private credit in the late 1970s and early 1980s

The initial development of private credit in the late 1970s and early 1980s was a transformative period in the world of corporate finance. The emergence of the high-yield market marked a significant shift, providing small and mid-sized businesses without investment-grade ratings unprecedented access to long-term, fixed-rate loan funding (Hall, 2022). Before this era, corporations faced a funding dilemma, as the public corporate bond and private placement markets predominantly catered to investment-grade enterprises (Hall, 2022). In response to this challenge, high-yield bonds emerged as a lifeline, offering a financing avenue for growing businesses that found traditional banks overly cautious and equity financing prohibitively expensive.

Furthermore, high-yield bonds played a pivotal role in the strategies of private equity companies seeking to finance acquisitions. The bonds frequently featured unsecured and subordinate holdings that were treated like equity, subject to Securities and Exchange Commission (SEC) restrictions (Hall, 2022). This innovative financial instrument not only

revolutionized how businesses secured capital but also diversified the sources of funding available to them, paving the way for the evolving landscape of private credit.

B. Private credit expanded from the 1990s to the beginning of the 2000s

The expansion of private credit from the 1990s through the early 2000s represented a pivotal chapter in the evolution of financial markets. This period witnessed the continuous growth of the private debt market, with the emergence of securitized debt instruments, including collateralized loan obligations. These instruments allowed investors to indirectly participate in leveraged loans while customizing risk profiles to meet their financial goals. Simultaneously, the non-investment grade bank debt market experienced significant growth, facilitated in large part by the widespread adoption of collateralized loan obligations (The Rise, 2019). This innovative financial tool empowered commercial banks to take on more hazardous senior debt, expanding opportunities for businesses seeking financing solutions.

Despite these remarkable developments, smaller businesses and consumers, along with smaller institutional investors, faced challenges in fully capitalizing on the changing financial environment. The private loan markets remained largely dominated by banks and large corporations, highlighting the ongoing transformation in the world of private credit (The Rise, 2019).

C. How investments became a commodity from 2007 to 2009

The years from 2007 to 2009 witnessed a profound transformation in the financial landscape, with the Great Financial Crisis marking one of the most severe economic downturns since the Great Depression (Hall, 2022). This crisis exposed the fragility and interdependence of the American banking sector, triggering the implementation of significant regulations such as the Dodd-Frank Act, also known as the Volcker Rule (Chen, 2022). These regulations aimed to

enhance the stability of the financial system by imposing greater capital costs on riskier loans. Consequently, banks became less willing to lend, particularly to smaller, non-investment-grade enterprises.

In addition to the growth of direct lending, the post-financial Crisis era saw the emergence of numerous private debt funds with diverse strategies at their core, including distressed debt, venture debt, real estate debt, infrastructure debt, and asset-backed debt. While the crisis wrought substantial disruption, it paradoxically catalyzed the diversification and expansion of the private debt market (Hall, 2022). This diversification ushered in new opportunities for businesses and investors, even amid the turbulence of the financial sector, showcasing the resilience and adaptability of private credit as a financial solution.

D. How awareness of private credit spread from late 2019 to 2021

From late 2019 to 2021, awareness of private credit surged in response to the unprecedented global challenges posed by the Covid-19 pandemic. The pandemic brought about unparalleled levels of uncertainty and economic instability, as lockdowns, travel restrictions, and health concerns resulted in business closures, supply chain disruptions, and a sharp decline in consumer demand (Zhang, 2023). In the face of these unparalleled challenges, private credit emerged as a resilient solution during times of economic downturn.

Small and medium-sized enterprises and larger corporations alike turned to private credit to navigate the crisis (Chen et al., 2021). They discovered the advantages of private credit in terms of flexibility, speed, and risk tolerance, which became essential attributes during a period of heightened volatility (Dalmia et al., 2023). The pandemic underscored the adaptability and utility of private credit, solidifying its position as a key component of a diversified financial strategy. This period served as a turning point in recognizing the pivotal role private credit plays

in providing tailored financial solutions when traditional avenues fall short, highlighting its enduring relevance in the ever-evolving financial landscape.

III. Why Private Credit Is an Attractive Investment

Private credit has gained significant attention as an attractive investment option. One of its most compelling features is the flexibility it offers in terms of investment strategies. This flexibility allows investors to tailor their private credit investments to match their unique investment objectives, risk tolerance, and financial goals (Understanding Private, 2021). Unlike traditional investment vehicles, private credit allows for individualized plans, enabling investors to choose from a variety of credit options—from mezzanine debt to second lien debt—while carefully considering their risk profiles and expectations for return.. This customization empowers investors to construct portfolios that align perfectly with their specific requirements, whether they are seeking long-term growth, consistent income, or a balance between the two (Private Debt, 2023).

Another key advantage of private credit is its potential for portfolio diversification. It offers an opportunity to expand beyond conventional asset classes like equities and bonds (Private Debt, 2023). Private credit investments, which can encompass a variety of credit instruments and industries, add a layer of diversification that can be particularly beneficial during times of market volatility (Private Credit, 2021). By spreading their investments across various private credit opportunities, investors can reduce the total risk exposure of their portfolios, enhancing overall risk management and potentially achieving more stable, long-term returns (The Benefits, 2023).

Private credit also provides a reliable source of income through interest payments. This feature is particularly appealing to income-focused investors, including retirees and pension

funds, who depend on consistent cash flows to meet their financial obligations (Snyder, 2023). Unlike equities, which can be subject to market fluctuations, private credit is less susceptible to market volatility and can thus provide a steady stream of income and more financial stability in an uncertain economy (Snyder, 2023).

Additionally, private credit investments are often backed by tangible assets, such as real estate (Cambridge Associates, 2017). This collateralization helps protect investors, mitigating risk and financial loss in the event of borrower default. In contrast to unsecured lending, the physical assets backing private credit loans provide a level of security that can impart confidence in investors, making this form of investment less risky than other alternatives (Private Credit, 2022).

Investors are confronted with a multitude of choices when deciding how to allocate their capital; weighing the merits of private credit in relation to these alternatives is paramount. Private credit offers several advantages, notably the provision of a consistent income source through interest payments, which renders it attractive to income-oriented investors like retirees and pension funds. Furthermore, private credit presents opportunities for diversification and often includes collateralization, affording an added layer of security that can help mitigate the risk of loss in case of borrower default. Nevertheless, it's imperative to recognize the drawbacks as well. Private credit investments might grapple with limited liquidity and lengthier lock-up periods in contrast to publicly traded assets. Additionally, private credit is not completely immune to risk; it can be susceptible to credit risk, default risk, and market risk, thereby exposing it to potential losses. Moreover, the private credit market is susceptible to regulatory shifts and may not be subject to the same degree of regulatory scrutiny as public markets, which can engender increased uncertainty.

The appeal of private credit stems from its adaptability, potential for portfolio diversification, consistent income generation, and the inherent risk mitigation provided by collateralized assets. These features make private credit an attractive choice for a broad spectrum of investors looking to build diversified portfolios tailored to their specific financial goals and risk profiles.

IV. Examples of Private Credit Investments

A. Private credit fuels transformative real estate development

Mezzanine loans, senior secured debt, and bridge financing are all examples of real estate private credit (Min, 2023). These structures are essential for real estate development projects because they let investors take part in the expansion and alteration of commercial buildings, residential neighborhoods, and urban landscapes. For instance, the mezzanine financing from Apollo Global Management was crucial in the Hudson Yards project in New York City (Kelly, 2017). Mezzanine loans are extremely helpful for developers wishing to embark on large-scale real estate projects since they frequently fill the gap between equity and senior mortgage debt. Developers can obtain the funding they need for building and development thanks to these loans' flexible repayment and collateral options (Carrigan, 2021). They are appealing to private credit investors because they have the potential for larger returns due to their subordination to senior debt.

Private credit investments in real estate are crucial for the growth of commercial and urban areas, which in turn promotes employment creation and economic expansion. (Min, 2023) The development of strong business hubs and lively communities is made possible by these investments. Private finance facilitates the financing of real estate developments, allowing

investors to influence the physical and economic environment of cities and regions while earning significant profits.

B. Private credit funds vital infrastructure growth

Debt instruments used to fund important public infrastructure projects, such energy facilities, public utilities, and transportation networks, are referred to as infrastructure debt investments (Nelthorpe, 2023). By contributing the money required to fund the development, use, and upkeep of infrastructure assets, investors may take part in these endeavors. The importance of infrastructure debt investments is demonstrated by IFM Investors' acquisition of the Indiana Toll Road (IFM Investors, 2021). This illustration highlights how important private credit is for financing big, important projects. In addition to helping communities profit from the stable and efficient functioning of infrastructure, financial instruments related to infrastructure, such as project financing loans, enable investors to receive returns through interest payments (Infrastructure Debt, 2023).

Private credit investments in infrastructure debt play a pivotal role in sustaining and enhancing critical infrastructure assets that are essential for the welfare of society. They provide investors with a dependable, extended-term income stream, adding significant value to diversified investment portfolios (Nelthorpe, 2023). These investments bring not only financial rewards but also empower investors to contribute to the ongoing operation of indispensable infrastructure assets, thereby promoting economic growth and enhancing the quality of life for numerous individuals.

C. Leveraged buyouts (LBO) aided by private credit drive corporate revitalization

Leveraged buyout investments take the form of various debt securities, including senior secured debt, mezzanine loans, and subordinated debt (Carr, 2023). These financing formats are essential for facilitating corporate acquisitions and aiding struggling businesses.

In the case of the Toys "R" Us buyout by Bain Capital, KKR, and Vornado Realty Trust, private credit investors played a crucial role by providing substantial debt capital required for the acquisition (Covert, 2018). Leveraged buyout investments enable private equity firms to take control of businesses, implement strategic changes, and, in some cases, revitalize underperforming companies. This type of investment provides returns through interest payments and potential capital appreciation when the business prospers under new ownership (Ruckin, 2023).

Leveraged buyout investments are not only a source of attractive returns for investors but also play a transformative role in the corporate world. Leveraged buyout investments are not only a source of attractive returns for investors but also play a transformative role in the corporate world. These transactions are known for fostering operational efficiency, as private equity firms typically implement restructuring initiatives to enhance the target company's overall performance (Lewis, 2023). Private equity investors often collaborate closely with management teams to identify opportunities for growth and innovation, driving the expansion of the acquired businesses. In essence, leveraged buyout investments not only offer a pathway to financial success but also serve as catalysts for positive changes, promoting efficiency, job retention, and overall business growth in the corporate world (Rosenbaum et al., 2020, p. 169-172).

By facilitating the acquisition and revitalization of companies, private credit investments contribute to economic growth, foster innovation, and support job stability, ultimately driving positive change within the business landscape.

V. The Future of Private Credit

Private credit, an increasingly prominent and dynamic segment of the financial markets, is poised to shape the investment landscape in the years ahead. As we gaze into the future, several key factors emerge, each revealing the evolving landscape of private credit and its continued significance in the global financial ecosystem (More Borrowers, 2022).

In the event that private credit encounters a significant downturn or failure, it would have far-reaching consequences, underscoring our growing reliance on this form of investment. The private credit market has become a crucial source of financing with a 2% average annual growth from 2010 to 2019 and a 23% annual growth between 2020 and 2022 (Can Private, 2023). This gives private credit the potential to become the backbone of many businesses, especially for companies that may not have access to traditional forms of funding (Aramonte, 2020). A flop in the private credit market could lead to capital shortages, causing business closures, job losses, and broader economic instability. This dependency on private credit highlights its indispensable role in the modern financial landscape.

The future of private credit holds the promise of new and innovative forms of financing. Among them, environmental and social impact investing is expected to take center stage, driven by increasing awareness of sustainability issues and corporate responsibility. Regulatory changes are expected to shape the future of private credit, with many aimed at enhancing transparency and investor protection. For example, the European Union's Sustainable Finance Disclosure Regulation (SFDR) and the U.S. SEC's Environmental, Social, and Governance (ESG) disclosure requirements are ushering in a new era of accountability (Fenwick, 2022). Companies will need to demonstrate their lack of negative influence on biodiversity-sensitive areas through ecological assessments, and continual monitoring of any impacts (A Guide,

2023). This evolution not only aligns financial activities with global sustainability goals but also responds to the increasing demand from investors for ethical and socially responsible investment opportunities. These regulatory shifts will contribute to a more sustainable and responsible private credit environment, providing an appealing proposition for socially responsible investors.

Additionally, ESG considerations are becoming pivotal in the world of finance. The integration of ESG principles is driving a growing demand for ESG-linked loans and bonds. The emergence of ESG-linked loans and bonds is likely to create a larger demand for private credit investments as investors seek opportunities aligned with their values and long-term sustainability goals (Private Debt, n.d.). This surge in ESG-related investments is anticipated to further fuel the demand for private credit, as investors seek instruments that align with their ethical and sustainability objectives (Celestin, 2023).

Fund managers and investors have ample opportunity to participate in the future of private credit. In the current low-interest-rate environment, private credit provides better rates and possibly larger returns than typical fixed-income investments (A Rising, 2023). By diversifying their holdings, optimizing returns, and navigating the ever-more-complex private credit market, investors and fund managers may fully realize the promise of this market.

The global private credit market is subject to a multitude of trends and dynamics that shape its landscape. In recent years, one of the notable developments is the growing prominence of private credit in emerging markets, such as Latin America, Asia, and Africa. Private credit has gained substantial traction in these regions due to the increased demand for flexible and customized financing solutions, a quest for higher yields by investors, and potential for higher returns in these markets. Simultaneously, geopolitical events, such as trade tensions,

political instability, and regulatory changes, have a significant impact on the private credit market. These events introduce uncertainty and disrupt global supply chains, influencing the creditworthiness and risk assessment of borrowers.

Private credit strategies are continually evolving to navigate the uncertainties presented by geopolitical events. For instance, technology and data analytics are playing a pivotal role in transforming the private credit landscape. Fintech innovations and sophisticated data analysis are enhancing the efficiency and precision of private credit underwriting and monitoring processes, affecting the industry's growth. Investor demand for private credit has surged, particularly among institutional investors seeking portfolio diversification and income generation in the current low-yield environment. As the industry adapts to changing investor preferences, asset allocation strategies are increasingly incorporating private credit investments.

While private credit currently remains an attractive investment option in the context of low-interest rates, it's important to acknowledge that a substantial increase in interest rates could diminish its appeal. However, central banks worldwide are inclined toward gradual rate adjustments to prevent economic shocks, thus mitigating the impact of interest rate fluctuations and upholding the attractiveness of private credit (A Rising, 2023).

The regulatory landscape for private credit is continually evolving, influenced by changing financial regulations and the need for increased transparency and investor protection. Financial regulations like Basel III, Dodd-Frank, and regional regulations have impacted private credit (Review of Futures, n.d.). These changes have affected market participants, including lenders, borrowers, and investors, as they adapt to comply with new regulations, manage risks, and meet reporting requirements. Regulatory changes can significantly impact investor confidence in

the private credit market. Depending on the nature of these changes, they can either bolster or hinder investor trust in private credit as an investment vehicle (Rodriguez Valladares, 2023). It is essential to analyze how regulatory changes are shaping the private credit industry, leading to adaptations in risk management practices, compliance, and the development of new reporting requirements to meet the evolving regulatory landscape (Ares, 2023).

The future of private credit is marked by a dynamic interplay of factors, from regulatory changes to the rising importance of ESG, offering investors and businesses a wealth of opportunities. While challenges and risks exist, the enduring appeal of private credit, driven by its capacity to meet evolving financial needs, positions it as a cornerstone of investment in the years to come (De Silva et al., 2023).

Conclusion

Based on the amount of activity in the private credit markets and increased use of this lending type for deals, there is likely to be a continued appetite for private credit for the foreseeable future. The evolution of private credit from its inception in the 1970s to the multifaceted and dynamic form it takes today is a testament to its adaptability and resilience in response to changing economic landscapes. The flexibility and customization options provided by private credit have been pivotal in facilitating a wide array of financing needs, transcending traditional credit markets.

The trajectory of private credit points to its continued dominance in the realm of finance. As businesses and investors increasingly seek tailored financial solutions, the versatility and customizable nature of private credit investments will play a pivotal role in shaping the future of deals, projects, and economic growth. Private credit's appeal, driven by its capacity to meet ever-evolving financial needs, positions it as a cornerstone of modern investment, and its



importance is only set to increase in the coming years. The combination of flexibility, adaptability, and the potential for higher returns in a low-yield environment will ensure that private credit remains a fundamental and dynamic element in the investment landscape for the foreseeable future.

References

- Advent international and warburg pincus complete acquisition of baxter's biopharma solutions business.* (2023, October 2). Advent International. Retrieved January 11, 2024, from <https://www.adventinternational.com/advent-international-and-warburg-pincus-complete-acquisition-of-baxters-biopharma-solutions-business/>
- Aramonte, S. (2020, March). *Private credit: Recent developments and long-term trends.* Bank for International Settlements. Retrieved November 9, 2023, from https://www.bis.org/publ/qtrpdf/r_qt2003v.htm
- Bass, M. D. (2023, October 8). *Private credit outlook: Room to run.* Alliance Bernstein. Retrieved November 9, 2023, from <https://www.alliancebernstein.com/corporate/en/insights/investment-insights/private-credit-outlook-room-to-run.html>
- The benefits of a private credit allocation.* (2023, January 16). Bond Capital. Retrieved October 11, 2023, from <https://www.bondcapital.ca/blog/the-benefits-of-a-private-credit-allocation/>
- Cambridge Associates. (2017, September). Cambridge Associates. Retrieved October 11, 2023, from <https://www.cambridgeassociates.com/insight/private-credit-strategies-introduction/>
- Can private credit continue to perform?* (2023, September 12). JP Morgan. Retrieved January 10, 2024, from <https://privatebank.jpmorgan.com/nam/en/insights/markets-and-investing/ideas-and-insights/can-private-credit-continue-to-perform#ftnt10>
- Carr, E. (2023, February 24). *The new LBO market: It's gone private.* Financial Times. Retrieved November 9, 2023, from <https://www.ft.com/content/0758d47f-ed50-47b5-bea1-20946271bc6a>

- Carrigan, M. (2021, September 7). *What is a real estate mezzanine loan or financing? (Definition)*. Dealpath. Retrieved November 9, 2023, from <https://www.dealpath.com/blog/what-is-real-estate-mezzanine-loan-definition/>
- Celestin, T. (2023, September 25). *A new era for private credit – what does it mean for investors?* Lombard Odier. Retrieved November 9, 2023, from <https://www.lombardodier.com/contents/corporate-news/investment-insights/2023/september/a-new-era-for-private-credit-wha.html>
- CFI Team. (n.d.). *Distressed debt*. Corporate Finance Institute. Retrieved October 11, 2023, from <https://corporatefinanceinstitute.com/resources/fixed-income/what-is-distressed-debt/>
- Chen, J. (2022, June 22). *Volcker rule: Definition, purpose, how it works, and criticism*. Investopedia. Retrieved November 9, 2023, from <https://www.investopedia.com/terms/v/volcker-rule.asp>
- Chen, J. (2023, August 22). *Second-Lien debt: Definition, risks, example*. Investopedia. Retrieved October 11, 2023, from <https://www.investopedia.com/terms/s/secondliendebt.asp>
- Chen, Y., Yang, W., & Zhang, L. (2021). *The impact of the covid-19 on private equity*. Atlantis Press. Retrieved November 9, 2023, from https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwinvYfnvs6BAxWgGFkFHY1-AvYQFnoECA4QAQ&url=https%3A%2F%2Fwww.atlantis-press.com%2Farticle%2F125965974.pdf&usg=AOvVaw2Ui3VNNILWSYI6E8H_Nivo&opi=89978449

- Chesare, B. (n.d.). *The full guide to direct lending: Industry, companies, and careers*. Mergers & Inquisitions. Retrieved October 11, 2023, from <https://mergersandinquisitions.com/direct-lending/>
- Cote, C. (2021, August 5). *What is distressed debt investing?* Harvard Business School. Retrieved October 11, 2023, from <https://online.hbs.edu/blog/post/distressed-debt-investing>
- Covert, B. (2018). *The demise of toys 'r' us is a warning*. The Atlantic. Retrieved November 9, 2023, from <https://www.theatlantic.com/magazine/archive/2018/07/toys-r-us-bankruptcy-private-equity/561758/>
- Dalmia, P., Pandit, V., Pinshaw, G., & Sharma, G. (2020, September 16). *A rolling disruption: COVID-19's implications for private equity and portfolio companies*. McKinsey & Company. Retrieved October 11, 2023, from <https://www.mckinsey.com/industries/private-equity-and-principal-investors/our-insights/a-rolling-disruption-covid-19s-implications-for-private-equity-and-portfolio-companies>
- De Silva, H., Kraus, K., Steiner, J. R., & Gandhi, P. (2023, October 5). *Specialty finance: The \$20 trillion next frontier of private credit*. Pimco. Retrieved November 9, 2023, from [https://www.pimco.com/en-us/insights/viewpoints/specialty-finance-the-\\$20-trillion-next-frontier-of-private-credit/](https://www.pimco.com/en-us/insights/viewpoints/specialty-finance-the-$20-trillion-next-frontier-of-private-credit/)
- Dey, P. (2023, July 17). *The growth of private credit in emerging markets*. CityWire. Retrieved November 9, 2023, from <https://citywire.com/middle-east/news/the-growth-of-private-credit-in-emerging-markets/a2421743>

Fenwick, C. (2022, March 21). 5 Things to Know about Forthcoming SEC ESG Disclosures.

Retrieved November 9, 2023, from

<https://www.onetrust.com/blog/forthcoming-sec-esg-disclosures-climate-change/>

Four key emerging trends in private credit. (2023, August 23). UCC and Compliance Services.

Retrieved November 9, 2023, from

<https://www.cscgfm.com/blog/four-key-emerging-trends-in-private-credit/>

Guide to private credit for borrowers and investors. (n.d.). Lending for Growth. Retrieved

November 9, 2023, from

<https://www.aima.org/asset/F9ECB49A-757A-4266-8F22BE269D2D86CC/#:~:text=First%20lien%20loans%20rank%20highest,relative%20security%20of%20the%20loan.>

A guide to the EU sustainable finance disclosure regulation for financial institutions. (2023, April 4). Antithesis. Retrieved January 10, 2024, from

<https://www.anthesisgroup.com/a-guide-to-the-eu-sustainable-finance-disclosure-regulation/>

Gunter, E., Browne, B., Caglayan, S., Muthukrishnan, R., & Savvides, E. (2023, April 18).

Private lending: Time to adjust the sails. S&P Global. Retrieved October 11, 2023, from

<https://www.spglobal.com/en/research-insights/featured/special-editorial/look-forward/private-lending-time-to-adjust-the-sails>

Hall, T. (n.d.). *The history of private credit: The foundation.* Percent. Retrieved September 12, 2022, from <https://percent.com/blog/the-history-of-private-credit-the-foundation/>

Hall, T. (2022, September 13). *The history of private credit: CLOs and the great financial crisis.* Percent. Retrieved October 11, 2023, from

<https://percent.com/blog/the-history-of-private-credit-clos-and-the-great-financial-crisis/>



Hayes, A. (2023, June 30). *Mezzanine financing: What mezzanine debt is and how it's used.*

Investopedia. <https://www.investopedia.com/terms/m/mezzaninefinancing.asp>

Hidalgo, K. (2023, October 27). *How private credit gives banks a run for their money.*

Bloomberg. Retrieved November 9, 2023, from

<https://www.bloomberg.com/news/articles/2023-10-27/what-is-private-credit-and-how-does-it-work#xj4y7vzkg>

IFM investors partners with CDPQ on the indiana toll road. (2021, April 19). Cision PR

Newswire. Retrieved November 9, 2023, from

<https://www.prnewswire.com/news-releases/ifm-investors-partners-with-cdpq-on-the-indiana-toll-road-301271674.html>

In a choppy market, preferred equity comes to the fore. (2022, November). Debevoise &

Plimpton. Retrieved October 11, 2023, from

<https://www.debevoise.com/insights/publications/2022/11/in-a-choppy-market-preferred-equity-comes>

Infrastructure debt: An emerging investment strategy among private investors. (2023, February

15). Global Infrastructure Hub. Retrieved November 9, 2023, from

<https://www.gihub.org/articles/infrastructure-debt-an-emerging-investment-strategy-among-private-investors/>

Kelly, J. (2017, October 6). *Hudson yards wants to be new york's new money hub.* Bloomberg

Markets. Retrieved November 9, 2023, from

<https://www.bloomberg.com/news/features/2017-10-06/hudson-yards-wants-to-be-new-york-s-new-money-hub#xj4y7vzkg>



Lee, K., & Easterly, J. (2023, July 27). *How can private credit markets adapt to win in 2023?*

RBC Capital Markets. Retrieved October 11, 2023, from

<https://www.rbccm.com/en/story/story.page?dcr=templatedata/article/story/data/2023/06/how-can-private-credit-markets-adapt-to-win-in-2023>

Lewis, B., Machera, C., & Patel, S. (2023, September). *The rise of private credit & its impact on acquisition dynamics*. Bloomberg Law. Retrieved November 10, 2023, from

<https://www.bloomberglaw.com/external/document/X8GKQD10000000/m-a-professional-perspective-the-rise-of-private-credit-its-imp>

Min, Y. M. (2023, April 25). *Private credit uncovered: Exploring different types of private credit*.

Medium. Retrieved November 9, 2023, from

<https://medium.com/bluejay-finance/private-credit-uncovered-exploring-different-types-of-private-credit-3856393fd0c4>

More borrowers turn to private markets for credit. (2022, February 23). The Economist.

Retrieved November 9, 2023, from

https://www.economist.com/special-report/2022/02/23/more-borrowers-turn-to-private-markets-for-credit?utm_medium=cpc.adword.pd&utm_source=google&ppccampaignID=17210591673&ppcadID=&utm_campaign=a.22brand_pmax&utm_content=conversion.direct-response.anonymous&gad_source=1&gclid=Cj0KCQiAo7KqBhDhARIsAKhZ4ugjAocOrLwvKEoilMxOzDcr1JhligLOCvywhZCXuqYKpZJ97VEMUaAjh8EALw_wcB&gclsrc=aw.ds

Neely, M. T., & Carmichael, D. (2021). Profiting on crisis: How predatory financial investors have worsened inequality in the coronavirus crisis. In *American behavioral scientist* (Vol. 65,

pp. 1649-1670). <https://doi.org/10.1177/00027642211003162>

Nelthorpe, T. (2023, September 4). *Private credit: Is this infrastructure's new liquidity pocket?*

Proximo. Retrieved November 9, 2023, from

<https://www.proximoinfra.com/articles/8302/private-credit-is-this-infrastructures-new-liquidity-pocket>

Origin Investments. (2023, July 21). *What is mezzanine debt?* Origin Investments. Retrieved

October 11, 2023, from <https://origininvestments.com/what-is-mezzanine-debt/>

Preferred equity as a substitute for a debt offering. (2023, May 3). Capital Fund Law Group.

Retrieved October 11, 2023, from

<https://www.capitalfundlaw.com/blog/2015/04/05/preferred-equity-as-a-substitute-for-a-debt-offering>

Private Credit. (n.d.). Moodys. Retrieved November 10, 2023, from

<https://www.moodys.com/web/en/us/private-credit.html>

Private credit: A diverse and versatile toolkit for investors. (2023, May 31). M&G Investments.

Retrieved November 9, 2023, from

<https://www.mandg.com/investments/institutional/en-us-onshore/insights/2023/q2/private-credit-finding-a-versatile-toolset-for-investors>

Private credit: Evolution and opportunity in direct lending. (2022, April). BlackRock Institutions.

Retrieved October 11, 2023, from

<https://www.blackrock.com/institutions/en-us/insights/private-credit-evolution-and-opportunity-in-direct-lending>

Private credit: The \$1 trillion "new 40" opportunity. (2021, July 13). Institutional Investor.

Retrieved October 11, 2023, from

<https://www.institutionalinvestor.com/article/2bswwi53b51kgchcjr400/innovation/private-cr-edit-the-1-trillion-new-40-opportunity>

Private debt. (n.d.). Preqin. Retrieved October 11, 2023, from

<https://www.preqin.com/academy/lesson-4-asset-class-101s/private-debt>

Private debt: An attractive investment opportunity in the current market context. (2023, February 14). Rothschild & Co. Retrieved October 11, 2023, from

<https://www.rothschildandco.com/en/newsroom/insights/2023/02/wm-private-debt-an-attractive-investment-opportunity-in-the-current-market-context/>

Private debt: A rising star in ESG investing. (n.d.). Katch Investment Group. Retrieved November 9, 2023, from

<https://katchinvest.com/news/private-debt-a-rising-star-in-esg-investing/>

Review of futures markets. (n.d.). The Institute for Financial Markets. Retrieved November 9, 2023, from

https://theifm.org/sites/default/files/inline-files/Tale%20of%20Two%20Regulations_Mar2013_0.pdf

The rise of private debt investing. (2019, January 1). Growth Cap. Retrieved October 11, 2023, from <https://growthcapadvisory.com/the-rise-of-private-debt-investing-2/>

The rise of private markets. (2020, February). California Public Employees' Retirement System. Retrieved November 9, 2023, from

<https://www.calpers.ca.gov/docs/board-agendas/202207/full/day1/03-c-01-private-debt-background2-a.pdf>

A rising tide lifts private credit. (2023, July 17). Pensions & Investments. Retrieved November 9, 2023, from <https://www.pionline.com/private-credit-rt2023>

- Rosenbaum, J., Pearl, J., Perella, J., & Harris, J. (2020). *Investment banking: Valuation, Ibos, meta, and ipos* (3rd ed.). John Wiley et Sons.
- Ruckin, C., Duncan, E., & Hidalgo, K. (2023, July 19). *Banks notch up LBO deal wins from private credit firms*. Bloomberg. Retrieved November 9, 2023, from <https://www.bloomberg.com/news/articles/2023-07-19/banks-are-notching-up-lbo-deal-wins-from-private-credit-firms#xj4y7vzkg>
- SEC finalizes changes to private fund rules*. (2023, August 23). Dechert LLP. Retrieved October 11, 2023, from <https://www.dechert.com/knowledge/onpoint/2023/8/sec-newsflash.html>
- Seligson, P. (2023, June 16). *Private credit's quiet, unstoppable rise comes with unknown risk*. Bloomberg. Retrieved October 11, 2023, from <https://www.bloomberg.com/news/articles/2023-06-16/wall-street-s-hot-new-thing-is-private-credit-a-cousin-of-private-equity#xj4y7vzkg>
- Sen, A., & Carnevali, D. (2023, May 7). *Exclusive: Warburg and advent in the lead to acquire baxter's biopharma unit*. Reuters. Retrieved November 9, 2023, from <https://www.reuters.com/markets/deals/warburg-advent-lead-acquire-baxters-biopharma-unit-sources-2023-05-07/>
- Snyder, M. (2023, August 17). *Private credit and asset allocations*. NewEdge Wealth. Retrieved October 11, 2023, from <https://www.newedgewealth.com/private-credit-and-asset-allocations/>
- Trends in special situations & private credit*. (2023). Akin Gump Strauss Hauer & Feld LLP. Retrieved November 9, 2023, from <https://www.akingump.com/a/web/eoxk11e2Zq68SjST1qMTBz/7zFYTk/trends-in-special-situations-and-private-credit-in-2023.pdf>

Understanding first lien, senior secured and subordinated debt. (2023, January 4). Yieldstreet.

Retrieved November 9, 2023, from

<https://www.yieldstreet.com/resources/article/first-lien-senior-secured-and-subordinated-debt/>

Understanding private credit. (2021, October 20). Goldman Sachs. Retrieved October 11, 2023,

from

<https://www.gsam.com/content/gsam/us/en/advisors/market-insights/gsam-insights/2022/understanding-private-credit.html>

Understanding private credit. (2023, September 15). Morgan Stanley. Retrieved October 11,

2023, from <https://www.morganstanley.com/ideas/private-credit-outlook-considerations>

Valladares, M. R. (2023, September 22). *Newly proposed U.S. banking rules would not reduce*

lending. Forbes. Retrieved November 9, 2023, from

<https://www.forbes.com/sites/mayrarodriguezvalladares/2023/09/22/proposed-basel-iii-rules-update-does-not-lead-to-reduced-lending/?sh=afb9e955b1eb>

Wojnilower, A. M. (n.d.). *The central role of credit crunches in recent financial history.* Brookings.

Retrieved November 10, 2023, from

https://www.brookings.edu/wp-content/uploads/1980/06/1980b_bpea_wojnilower_friedman_modigliani.pdf

Zhang, H. (2023, January 6). *The pandemic boosted the case for PE.* Institutional Investor.

Retrieved October 11, 2023, from

<https://www.institutionalinvestor.com/article/2bstrn5r5qzj5uawvi39c/corner-office/the-pandemic-boosted-the-case-for-pe>