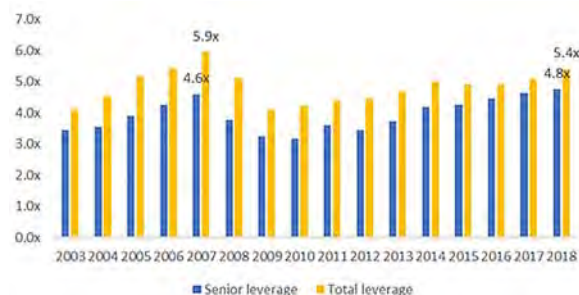


U.S. AND EUROPEAN BROADLY SYNDICATED LEVERAGED LOANS

Leverage in the European Loan Market

European loan market leverage has crept steadily higher in recent years, which the financial press sees as a sign that the market is becoming overheated. From 2009 to 2018, leverage multiples on European leveraged buyouts rose from 4.0x to 5.4x, as can be seen below. While the aggregate measure remains well below its 2007 highs of 5.9x, first lien senior leverage has exceeded that year's peak of 4.6x. This largely stems from a post-crisis propensity for more simplified structures involving limited use of second lien tranches and minimal junior debt issuance.

European LBO Leverage Levels



Source: LCD, an offering of S&P Global Market Intelligence

Various factors have contributed to the growing use of leverage. For one thing, healthy corporate balance sheets and the proliferation of cheap financing have spurred increased competition for corporate assets, with strategic buyers vying strongly with private equity and other financial institutions. Bolstered by their ability to extract synergies from corporate combinations, the former group has been willing to pay higher multiples for acquisition targets, boosting enterprise valuations overall. In the recent public-to-private buyout of RPC, for instance, these factors afforded Berry Global Group, Inc. the wherewithal to outbid Apollo.

Against this backdrop, private equity buyers have been forced to bid aggressively to remain in the game. Ironically, while the equity component of recent deals is higher than the 40-50% share that prevailed before the global financial crisis struck, the uptick in enterprise values amid continued strong lender interest has facilitated a corresponding rise in leverage.

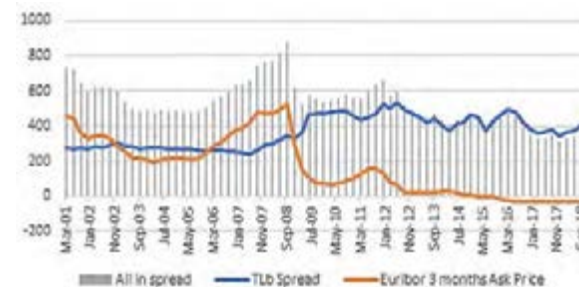
Indeed, demand from CLOs, managed accounts, pension funds and insurance companies for floating-rate loans, stemming from solid performance and the search for yield amid a persistent low-rate environment, has meant that deals are oversubscribed despite the increasingly aggressive structures being financed. Lending further weight, many investors view floating-rate securities as a natural hedge against rising rates.

There has been some discrimination, however. Contrary to 2006-2007, the lender base has been somewhat disciplined; conditions have not returned to a time when all deals were heavily oversubscribed regardless of quality. In transactions where concerns have been raised regarding structure, terms or business quality, lenders have pressed for wider spreads, deeper discounts and improved credit agreements. In some cases, deals have been pulled altogether following negative lender feedback. Given that, the quality of many loan portfolios appears to have remained strong, and weaker credits have had to accept more appropriate terms.

Regardless, while leverage has been increasing, the prolonged low-rate environment in Europe means

that interest coverage remains comfortably above historical averages. As a point of reference, three-month EURIBOR, which was over 5% in 2007, has been below zero since 2015. Even allowing for the fact that the vast majority of European deals include a 0% EURIBOR floor, the all-in cost of a loan – EURIBOR plus margin – has fallen from more than 800 basis points in 2008 to 350-400 basis points currently, as illustrated below. This has led to a marked reduction in interest expense – and an accompanying improvement in coverage ratios – despite the higher leverage.

EURIBOR (3 mnths) Impact on European Senior Spreads



Source: LCD, an offering of S&P Global Market Intelligence

The current state of affairs should support the ability of leveraged businesses to remain cash-generative through an economic cycle, in contrast to what transpired a decade or so ago. Prior to the financial crisis, LBOs were predicated on the assumption that the business in question would “grow into” its capital structure. Consequently, earnings shortfalls quickly led to negative cashflow. When things unraveled, financially-stretched companies had little room to maneuver. They were quick to face cashflow issues

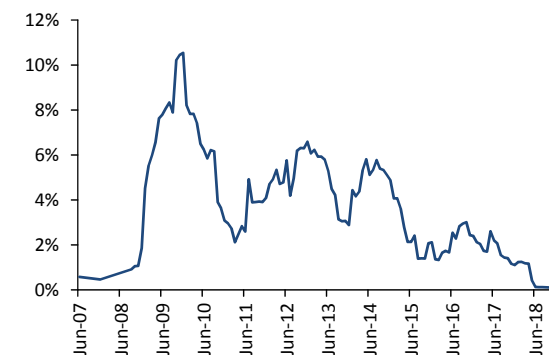
and covenant breaches, causing default rates to balloon above 10% during 2009. Today, low rates and the healthy cash flow foundations baked into transaction structures have helped mitigate that threat.

With many now expecting interest rates to remain lower for longer, default rates should remain subdued despite a deteriorating macroeconomic backdrop. Amid weaker-than-expected economic reports and other evidence of slowing European – and global – growth, the ECB at its March Governing Council meeting announced a new series of targeted longer-term refinancing operations (TLTRO III) to provide additional support for banks. It also announced a short extension to its forward guidance on rates, vowing to keep them where they were “through the end of 2019,” which pushed out prospects for any increase by four-six months to early 2020. This has effectively put the ECB’s normalization plan on hold, removing the threat of a potential “cliff effect” stemming from the withdrawal of current accommodation.

Thus far, the reaction has been enthusiastic: yields on 10-year German bunds briefly turned negative on March 22 for the first time in three years. That said, it is ironic that weaker economic data is being viewed as a positive, especially given earlier fears about the slowing pace of activity in the region. As with Pavlov’s dog, it appears that markets can’t help but respond positively to the prospect of a more supportive central bank and a further extension of monetary accommodation.

Taken together, these various factors bolster the notion that default and loss rates are unlikely to spike in the near-to-medium term, despite higher levels of leverage, even though conditions are about as benign as they can be. As illustrated in the chart below, the S&P ELLI trailing twelve-month default rate recently fell to zero after registering a record low reading of 0.11% in December. Should defaults eventually rise to the 2-3% level that many commentators, including rating agencies and research analysts, expect, this would still leave them below their long run averages.

ELLI Trailing 12-month Default Rate



Source: LCD, an offering of S&P Global Market Intelligence

Overall, then, we believe that defaults will likely stem from idiosyncratic situations rather than a broad-based systemic failure. With this in mind, bottom-up credit picking will be the key to successfully navigating the European leveraged loan market in the period ahead.



DISCLOSURE

Research

Investcorp conducts proprietary research. The information contained herein is being provided on a confidential basis and is for informational purposes only. This document may not be reproduced in whole or in part and may not be delivered to any person without the prior written consent of Investcorp. Proprietary research is developed, produced, and prepared by Investcorp Investment Advisers LLC and Investcorp Investment Advisers Limited.

The hypothetical models used to describe the portfolios and indices contained herein were created for illustrative purposes only and there can be no assurance that investment objectives of an actual model will be achieved and actual investment results of such a model may vary substantially. The returns are hypothetical and were achieved by means of application of model(s) developed and applied with the benefit of hindsight. The returns do not reflect actual trading of any portfolio or index. The hypothetical model portfolio or index returns do not reflect the impact of factors that may have adversely affected Investcorp's decision-making process if actual investments had been made at that time.

The hypothetical models may not reflect fees and expenses at the portfolio level and can only incorporate estimates of historical transaction costs. The analyses provided rely on proprietary models which are based on a certain set of parameters and assumptions and do not reflect actual investment experiences. Analyses based on other models or different assumptions may yield different results. All views and opinions contained herein are current as of the date of this document but subject to change. Investcorp has no obligation to update the information contained in this document.

Risk

The analyses provided herein are done using proprietary models based on a certain set of parameters and assumptions. Information used to generate the model results are from third-party sources, including hedge fund managers, the prime brokers, and/or administrators, that we believe to be reliable but we make no warranty as to accuracy of such information. We also make use of third-party providers of risk analytics and pricing tools in our proprietary models to generate the information provided herein. We make no warranty as to the reliability of such third-party tools nor make any representation as to the effectiveness of such tools in measuring risks or prices.

This analysis is being prepared by Investcorp and the views expressed are those of Investcorp only. Analyses based on other models or different assumptions may yield different results. There are many ways to measure risks in various asset classes and strategies. While we believe that the information contained herein is a reasonable representation of managing risks, we make no representation that the information contained herein is the correct view of how risks should be managed or measured.

Additional Disclaimer

The information contained in this document may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 that reflect our current views with respect to, amongst other things, future financial and business performance events, strategies and expectations. We generally identify forward-looking statements by terminology such as "outlook," "believe," "expect," "potential," "continue," "may," "will," "should," "seeks," "approximately," "predicts," "intends," "plans," "estimates," "anticipates" or the negative version of those words or other comparable words. Any forward-looking statements contained in this document are based upon the historical performance and market information, and on our current plans, estimates and expectations. The inclusion of this forward-looking information should not be regarded as a representation by us or any other person that the future plans, estimates or expectations contemplated by us will be achieved.

Such forward-looking statements are subject to various risks and uncertainties, including but not limited to global and domestic market and business conditions, our ability to successfully compete for fund investors, investment opportunities and talent, successful execution of our business and growth strategies, our ability to successfully manage conflicts of interest, and tax and other regulatory factors relevant to our structure and status as a public company, as well as assumptions relating to our operations, financial results, financial condition, business prospects, growth strategy and liquidity. If one or more of these or other risks or uncertainties materialize, or if our underlying assumptions prove to be incorrect, our actual results may vary materially from those indicated in these statements.

Statements of opinion are considered by Investcorp to be reasonable, in each case as at the date hereof, but neither Investcorp nor any other person accepts responsibility for any such information and statements, and all recipients are expressly warned of the requirement to carry out their own due diligence on this investment opportunity. No representation or warranty, express or implied, is or will be given by Investcorp or its affiliates, advisers, directors, employees or agents.

These factors should not be construed as exhaustive and should be read in conjunction with the other cautionary statements and risks that are included in this document and any relevant offering materials. Any forward-looking statements, views, and opinions contained in this document are current as of the date of this document but subject to change. We do not undertake any obligation to update or review any forward-looking statement, views, and opinions, whether as a result of new information, future developments or otherwise.

The reports or commentaries that constitute part of this document may rely on public information and sources. Information used to generate model results, reports or commentaries are from third-party or public sources that we believe to be reliable but we make no warranty as to accuracy of such information. Data from hedge fund indices reflect returns net of fees and expenses. Databases are used to gather qualitative and quantitative information from a variety of sources to allow paid subscribers to conduct analysis of managers, indices and their related performance.

INVESTCORP

280 Park Avenue, 39th Floor

New York, NY 10017

(212)-599-4700

NYIR@Investcorp.com