

S&P Global

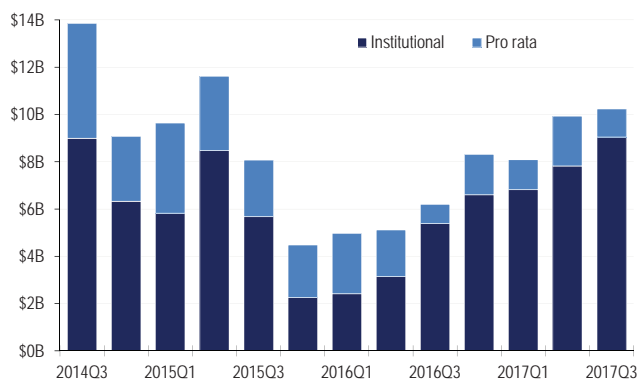
Market Intelligence

LCD Middle Market Review

Middle market volume builds again in 3Q; cov-lite activity surges

Backing a trend of easing activity in the broader market, U.S. middle market leveraged loan issuance totaled \$10.2 billion in 2017's third quarter, more than in either of the previous two quarters, according to LCD. In fact, the 3Q issuance was highest volume of any quarter since 2Q15.

Middle market volume (≤ \$350M)



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

Middle market issuance—defined here as deals of \$350 million or less—was \$28.3 billion in the first nine months of the year, already topping the 2016 full-year total of \$24.6 billion.

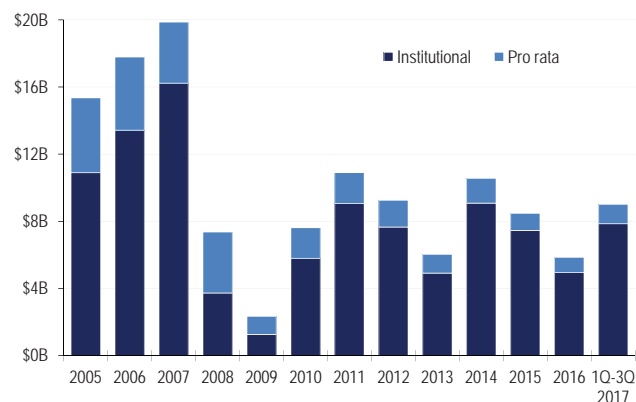
In the broader market, overall activity eased in the third quarter from the torrid pace earlier in the year, as refinancings slowed considerably and retail investors took pause from a stretch of cash inflows.

As in the broadly syndicated market, however, sponsor activity was a big driver of 3Q middle market issuance, accounting for just shy of \$4 billion in LBO loans during the quarter. That's the most since 3Q07, according to LCD.

This recent sponsor activity brought middle market LBO issuance to \$9 billion during the first three quarters of the year (that's institutional plus pro rata), more than in all of last year and the most since 2014.

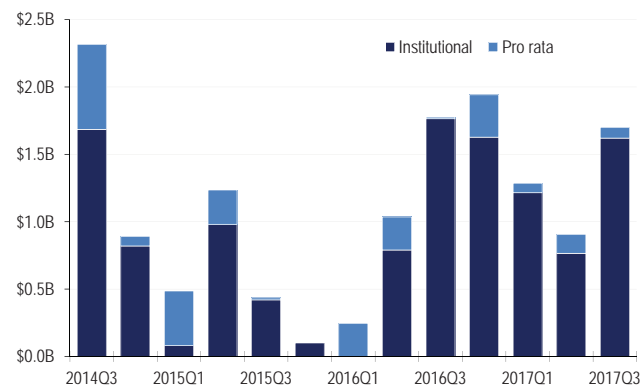
Dividend loans were a notable driver of middle market activity, with \$1.7 billion of recap deals in the third quarter, up 88% from 2Q. Total dividend volume in the first three quarters was \$3.89 billion, accounting for roughly 14% of this year's total loan volume.

Middle market LBO volume (≤ \$350M)



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

Middle market dividend volume (≤ \$350M)



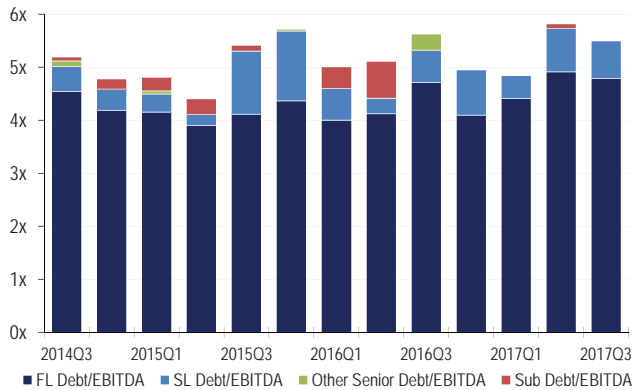
Source: LCD, an offering of S&P Global Market Intelligence

Leverage, yields

Middle market leverage through the first-lien ticked down in the quarter, to 4.79x, from 4.91x in 2Q. Total leverage dipped to 5.50x from 5.82x. Average yields on first-lien debt financing of middle market borrowers compressed further, to 6.17% at the end of the third quarter, from 6.34% at the end of the 2Q.

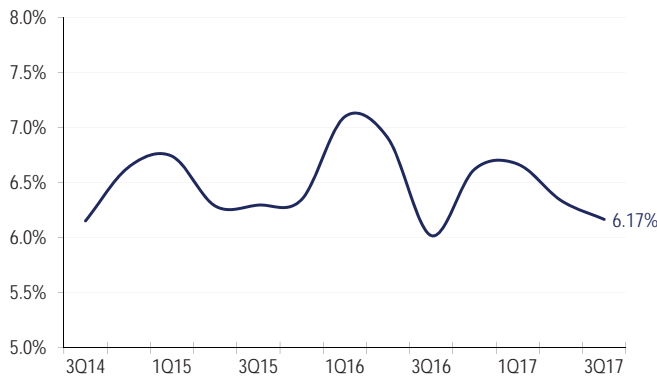
In general, the middle market remains extremely competitive and issuer-friendly, with piles of investor cash chasing relatively few deals. This increased demand for paper comes from a number of sources, including traditional large-corporate lenders looking downmarket in search of yield, asset-managers entering the seemingly ever-growing private credit space, and

Middle market leverage (\$50M or less EBITDA)



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

Middle market first-lien YTM



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

ramped up CLO issuance. To this last point: So far in 2017 there has been \$9.65 billion of middle market CLO issuance, compared to \$6.7 billion in all of last year, according to LCD.

This amped-up demand has led to rising covenant-lite activity in the middle market. Those loans totaled \$3.78 billion in the third quarter, the most since the first quarter of 2014.

Covenant erosion

Indeed, across the middle market, the talk is of cov-lite structures creeping into smaller deals.

Ken Kencel, CEO of Churchill says, “We see credit facilities as small as \$250 million in size that are being done cov-lite. Three years ago that would not have been the case. As a result, the upper middle market has become more syndicated,

more distributed, and more underwritten to sell. Lenders in this space have shifted from the ‘storage business’ into the ‘moving business’ —often at the expense of covenants and other structural protections, with lower pricing and higher leverage. This is something that has happened increasingly in the last several months.”

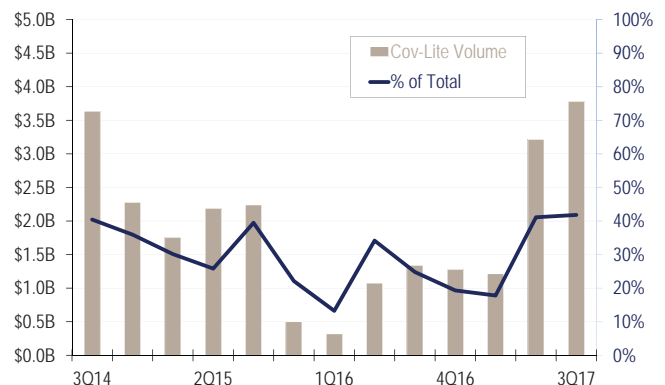
As bigger lenders and investment banks are tapping the upper middle markets for deal flow, issuers are benefitting from lower pricing and more lax covenant packages typical of the broadly syndicated markets.

Some recent examples of cov-lite penetration in smaller syndicated deals include a \$210 million first-lien term loan due 2024 (L+425, 1% LIBOR floor) that backed the buyout of **OB Hospitalist** by Gryphon Investors, which was priced by Antares Capital, and a Jefferies-led \$240 million TLB due 2024 (L+400, 1% floor) financing New Mountain Capital’s acquisition of **Sparta Systems**.

Traditional middle market lenders are contending with similar dynamics amid a competitive environment. Tight pricing, looser covenant packages, and aggressive structure are common for clubbed deals in a push to put money to work, participants say. In terms of EBITDA, players are seeing cov-lite crop up where it hasn’t been seen before.

“Cov-lite structures have not gotten into transactions for companies with EBITDA in the teens,” said Jens Ernerberg, Co-head of Private Credit Asset Management at Capital Dynamics. “Around the \$25 million EBITDA business—you are seeing cov-lite structures go there, even though a direct

Middle market covenant-lite volume (≤ \$350M)



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

lender may win the transaction versus an arranger agent that is seeking to syndicate the facility.”

Jay Alicandri, Partner at Dechert LLP, echoes this opinion. “If you’re talking from \$50 million to \$20 million, we absolutely see very aggressive deal terms.”

In a survey conducted by Dechert and the Alternative Credit Council, 49% of private credit managers agree that loan offerings contain less demanding covenants than three years ago. Recently, deals have been labeled “covenant-fake,” featuring covenants with excessive headroom and cushion or extremely flexible definitions of EBITDA and allowance for add-backs.

Kencel of Churchill warns against the pitfalls of the spread of cov-lite. “The justification of cov-lite for BSL loan investors is that they have liquidity, investors holding BSL loans can

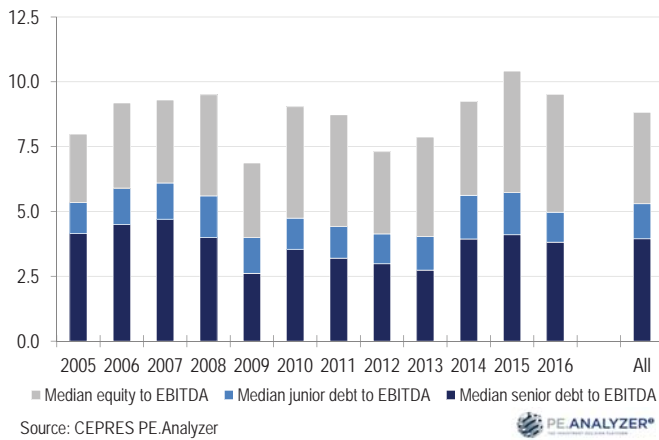
just trade the loan. You can’t do that in the middle market, because you have limited or no liquidity. In a period of market dislocation, upper middle market investors will experience this first-hand when they try to sell the loan, and find there’s no bid for it.”

Kencel says that staying away from syndicated cov-lite structures can, counterintuitively, be beneficial for sponsors, even though syndication usually means better pricing. “If you’re in the large cap world and you have fifty lenders holding your deal, and you want to tweak it, the process can be cumbersome,” he says. “The agent may not even own any of the deal. You may have to pay for a new deal, instead of going to the three or four lenders in the deal and upsizing. Some of the smarter sponsors have realized that a club execution with two or three lenders actually gives them more control over the deal.”

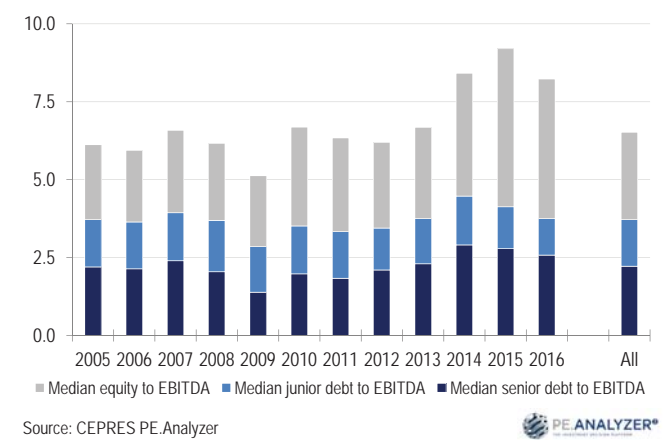
— Shivan Bhavnani

Direct lending stats from CEPRES

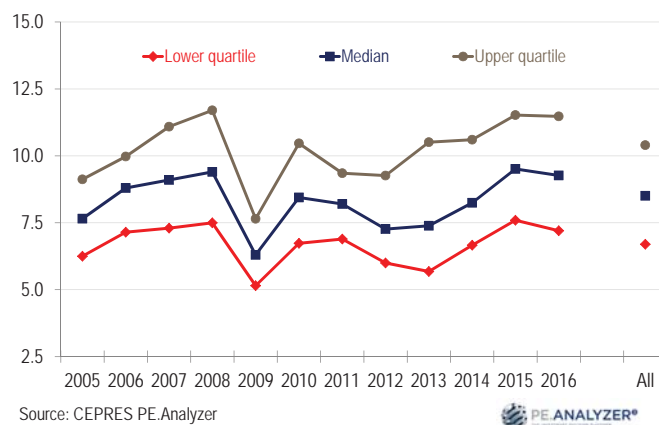
Private debt financing structure at entry: Europe



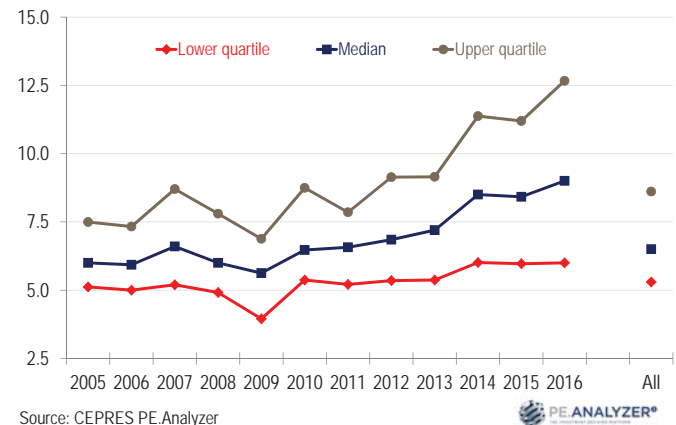
Private debt financing structure at entry: North America



Private debt EV to EBITDA at entry: Europe



Private debt EV to EBITDA at entry: North America



Leveraged Commentary & Data

LCD Managing Director

Ruth Yang (212) 438-2722
ruth.yang@spglobal.com

LCD News – U.S.

Tim Cross (212) 438-2724
tim.cross@spglobal.com

John Atkins (212) 438-1961
john.atkins@spglobal.com

Jon Hemingway (212) 438-0192
jonathan.hemingway@spglobal.com

Gayatri Iyer (212) 438-2726
gayatri.iyer@spglobal.com

Alan Zimmerman (646) 415-8143
alan.zimmerman@spglobal.com

Rachelle Kakouris (212) 438-7258
rachelle.kakouris@spglobal.com

Richard Kellerhals (917) 622-4457
richard.kellerhals@spglobal.com

Kelsey Butler (212) 438-2062
kelsey.butler@spglobal.com

Jakema Lewis (212) 438-0537
jakema.lewis@spglobal.com

Andrew Park (212) 438-3256
andrew.park@spglobal.com

James Passeri (212) 203-2151
james.passeri@spglobal.com

Shivan Bhavnani (212) 438-0335
shivan.bhavnani@spglobal.com

Copy Editing

Brenn Jones (212) 438-2704
brenn.jones@spglobal.com

Bob Matthes (212) 438-3592
robert.matthes@spglobal.com

Michael Baron (212) 438-4816
michael.baron@spglobal.com

Jamie Tebaldi (212) 438-1462
jamie.tebaldi@spglobal.com

LCD News – Europe

Luke Millar (44-20) 7176-3926
luke.millar@spglobal.com

David Cox (44-20) 7176-7829
david.j.cox@spglobal.com

Nina Flitman (44-20) 7176-3995
nina.flitman@spglobal.com

Isabell Witt (49-173) 231-5018
isabell.witt@spglobal.com

Rachel McGovern (44-20) 7176-3925
rachel.mcgovern@spglobal.com

Copy Editing

Alex Poole (44-20) 7176-3933
alexander.poole@spglobal.com

LCD Global Research

Miyer Levy (212) 438-2714
miyer.levy@spglobal.com

Marina Lukatsky (212) 438-2709
marina.lukatsky@spglobal.com

Taron Wade (44-20) 7176-3661
taron.wade@spglobal.com

Nicholas Boekel (212) 438-3847
nicholas.boekel@spglobal.com

Whitman Cossaboom (212) 438-2712
whitman.cossaboom@spglobal.com

Leonie Dackham (44-20) 7176-6025
leonie.dackham@spglobal.com

Victoria Denti (212) 438-5837
victoria.denti@spglobal.com

Alejandro Martinez (212) 438-2410
alejandro.martinez@spglobal.com

Tim Stubbs (212) 438-3034
timothy.stubbs@spglobal.com

Blake Udland (212) 438-2213
blake.udland@spglobal.com

Research – Index

Cuong Huynh (212) 438-5202
cuong.huynh@spglobal.com

Priscilla Sheng (212) 438-6604
priscilla.sheng@spglobal.com

Tyler Udland (212) 438-0296
tyler.udland@spglobal.com

Marketing/Sales

Neslyn D'Souza (212) 438-2708
neslyn.dsouza@spglobal.com

Vanessa Greaves (212) 438-2292
vanessa.greaves@spglobal.com

Ray Colavito (212) 438-3298
ray.colavito@spglobal.com

No content (including ratings, credit-related analyses and data, valuations, model, software or other application or output therefrom) or any part thereof (Content) may be modified, reverse engineered, reproduced or distributed in any form by any means, or stored in a database or retrieval system, without the prior written permission of S&P Global Market Intelligence or its affiliates (collectively, S&P). The Content shall not be used for any unlawful or unauthorized purposes. S&P and any third-party providers, as well as their directors, officers, shareholders, employees or agents (collectively S&P Parties) do not guarantee the accuracy, completeness, timeliness or availability of the Content. S&P Parties are not responsible for any errors or omissions (negligent or otherwise), regardless of the cause, for the results obtained from the use of the Content, or for the security or maintenance of any data input by the user. The Content is provided on an "as is" basis. S&P PARTIES DISCLAIM ANY AND ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE, FREEDOM FROM BUGS, SOFTWARE ERRORS OR DEFECTS, THAT THE CONTENT'S FUNCTIONING WILL BE UNINTERRUPTED OR THAT THE CONTENT WILL OPERATE WITH ANY SOFTWARE OR HARDWARE CONFIGURATION. In no event shall S&P Parties be liable to any party for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including, without limitation, lost income or lost profits and opportunity costs or losses caused by negligence) in connection with any use of the Content even if advised of the possibility of such damages.

Credit-related and other analyses, including ratings, and statements in the Content are statements of opinion as of the date they are expressed and not statements of fact. S&P Global Market Intelligence's opinions, analyses and rating acknowledgment decisions (described below) are not recommendations to purchase, hold, or sell any securities or to make any investment decisions, and do not address the suitability of any security. S&P Global Market Intelligence assumes no obligation to update the Content following publication in any form or format. The Content should not be relied on and is not a substitute for the skill, judgment and experience of the user, its management, employees, advisors and/or clients when making investment and other business decisions. S&P Global Market Intelligence does not act as a fiduciary or an investment advisor except where registered as such. While S&P Global Market Intelligence has obtained information from sources it believes to be reliable, S&P Global Market Intelligence does not perform an audit and undertakes no duty of due diligence or independent verification of any information it receives.

S&P keeps certain activities of its business units separate from each other in order to preserve the independence and objectivity of their respective activities. As a result, certain business units of S&P may have information that is not available to other S&P business units. S&P has established policies and procedures to maintain the confidentiality of certain non-public information received in connection with each analytical process.

S&P may receive compensation for its ratings and certain analyses, normally from issuers or underwriters of securities or from obligors. S&P reserves the right to disseminate its opinions and analyses. S&P's public ratings and analyses are made available on its Web sites, www.standardandpoors.com (free of charge), and www.ratingsdirect.com and www.globalcreditportal.com (subscription), and may be distributed through other means, including via S&P publications and third-party redistributors. Additional information about our ratings fees is available at www.standardandpoors.com/usratingfees.

Merrill Lynch, Pierce, Fenner & Smith Incorporated and its affiliates ("BofAML") indices and related information, the name "Bank of America Merrill Lynch", and related trademarks, are intellectual property licensed from BofAML, and may not be copied, used, or distributed without BofAML's prior written approval. The licensee's products have not been passed on as to their legality or suitability, and are not regulated, issued, endorsed, sold, or promoted by BofAML. BOFAML MAKE NO WARRANTIES AND BEAR NO LIABILITY WITH RESPECT TO THE INDICES, INDEX DATA, ANY RELATED DATA, ITS TRADEMARKS, OR THE PRODUCT(S) (INCLUDING WITHOUT LIMITATION, THEIR QUALITY, ACCURACY, SUITABILITY AND/OR COMPLETENESS).