

DIRECT LENDING UPDATE

Winter 2019/2020



Introduction

Dear Clients and Friends,

Houlihan Lokey's Portfolio Valuation and Fund Advisory Services team is pleased to present the winter 2019/2020 edition of the Direct Lending Update.

We have included key trends for more than 80 business development companies (BDCs) to help you stay ahead in this constantly evolving industry. We hope you find this update to be informative and that it serves as a valuable resource to you in staying abreast of the market. If there is additional content you would find useful for future updates, please do not hesitate to call or email us with your suggestions. We look forward to staying in touch with you.

Regards,

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Key Trends

LIBOR Transition

- A topic we expect to be relevant in 2020 is the LIBOR¹ transition. The LIBOR transition involves an alphabet soup of regulators and industry groups. But for borrowers and lenders, the LSTA² has been a highly visible thought leader on lending-related issues. Together with the ARRC³ and its working groups, the lending industry can now see the roadmap from LIBOR to its replacement and lenders/borrowers can plan for the cascade of events that will begin in early 2020.
- Each of the three largest categories of LIBOR users—derivatives, loans, and securities—have become aware of the idiosyncratic effects of this transition on their asset class instruments. LIBOR was first developed in 1969 as a rate for syndicated loans, and thus lending remains fundamentally tied to that rate. Both bank and non-bank lenders are likely to see both the largest cost of transition and the largest potential for post-transition litigation. ISDA serves the derivatives industry, which benefits from a high degree of standardization in documentation and amendment processes. Although the derivatives market informs the loan market, the loan market faces unique transition challenges.
- The loans affected by this transition can be divided into either existing or new transactions. New loans will require changes in documentation, payment structures, funding versus lending mismatch, and other changes that will be prototyped in LSTA templates. Legacy loans will need these changes as well, but will be governed by existing documents that may not contemplate the events around the end of LIBOR where every loan will require a negotiated solution and an amendment.
- In our paper titled *LIBOR Transition: Lender/ Borrower Perspective*, available on our website,⁴ we address the unique impacts related to loans that will affect borrowers and lenders, such as the lack of multiday rates, payments not known in advance, and cost of funds risk shifting to lenders.

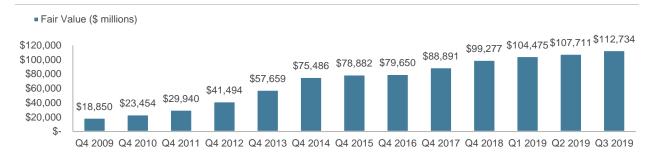
BDC Trends⁵

- BDC assets under management have grown from \$18.9 billion in Q4 2009 to \$112.7 billion at the end of Q3 2019, an increase of nearly 500%. The number of investments held by BDCs has grown from 2,517 to 12,899 over the same period.
- The percentage of BDC assets categorized as non-accrual was 2.6% as of Q3 2019, which is in line with the past several quarters.
- Average first lien fair value yields were 9.18% as of Q3 2019, down 68 basis points from Q4 2018 and down 27 basis points from Q2 2019. Average second lien fair value yields were 11.00% as of Q3 2019, down 41 basis points from Q4 2018 and down 31 basis points from Q2 2019. The three month LIBOR spot rate was 2.10% as of Q3 2019, down 70 basis points from Q4 2018 and down 22 basis points from Q2 2019.
- As of Q3 2019, portfolio company industries with the highest first lien fair value yields were Business Services (9.54%), Technology, Media, and Telecom (9.47%), and Energy (9.36%).
- As of Q3 2019, portfolio company industries with the highest second lien fair value yields were Technology, Media, and Telecom (11.52%), Real Estate, Lodging, and Leisure (11.29%), and Business Services (11.03%).
- BDC indices have performed better than the High-Yield Corporate ETF (HYG) over the past five years as measured by total return. The Wells Fargo BDC Index has a five-year total return of 42.2% while the S&P BDC Index has a five-year total return of 42.3%, both of which are higher than the 27.7% total return for HYG.
 - (1) London Interbank Offered Rate (LIBOR) is a rate administered by ICE and collected from expert submissions by 16 of the largest banks in the eurodollar markets across five currencies and four tenors. It embodies a set of characteristics and conventions and contains credit risk and term premium components.

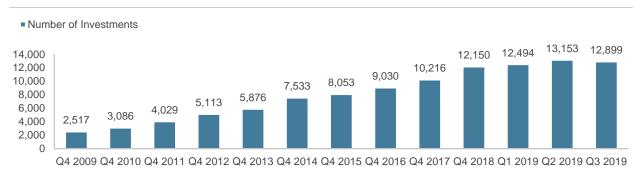
(2) Loan Sales and Trading Association (LSTA): https://www.ltsa.org/.

- 3) Alternative Reference Rate Committee (ARRC) refers to 17 banks operating in the U.S. market tasked with creating and selecting an alternative rate and advancing a plan to develop a broad implementation of that alternative rate. Not originally a committee to replace and discontinue LIBOR.
- (4) Libor Transition: Lender/Borrower Perspective: http://www2.hl.com/pv-libor-transition-insights
- (5) Source: Advantage Data, S&P Capital IQ

Fair Value of BDC Portfolios¹ (\$ in millions)



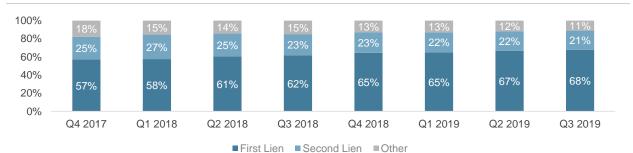
Total Number of Investments in BDC Portfolios²



Non-Accrual Investments as a Percentage of Total Portfolio³



BDC Portfolio Composition by Seniority Based on Fair Value⁴



Source: Advantage Data

- (1) Reflects the fair value for BDC portfolio tracked by Advantage Data.
- (2) Reflects the total number of investments for all BDCs tracked by Advantage Data.
- (3) Reflects cost of non-accrual investments as a percentage of total portfolio cost for BDCs tracked by Advantage Data.
- (4) Represents the aggregate composition of all BDC portfolios tracked by Advantage Data.

Average BDC Fair Value Yields by Seniority¹

					Chang	e from
	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2018	Q2 2019
First Lien	9.86%	9.74%	9.45%	9.18%	-0.68%	-0.27%
Second Lien	11.41%	11.33%	11.31%	11.00%	-0.41%	-0.31%

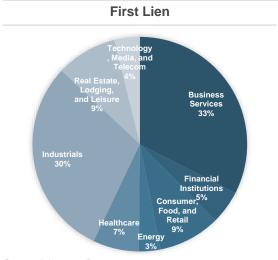
Average BDC Fair Value Yields by Industry—First Lien¹

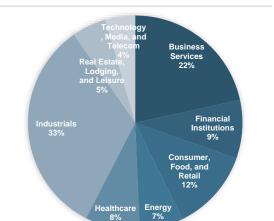
					Change from	
Industry	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2018	Q2 2019
Business Services	10.41%	10.20%	9.96%	9.54%	-0.87%	-0.42%
Financial Institutions	9.13%	9.11%	8.85%	8.50%	-0.63%	-0.35%
Consumer, Food, and Retail	9.68%	9.65%	9.39%	9.29%	-0.39%	-0.10%
Energy	9.85%	9.50%	9.27%	9.36%	-0.49%	0.09%
Healthcare	9.46%	9.38%	9.29%	9.00%	-0.46%	-0.29%
Industrials	9.76%	9.66%	9.31%	9.03%	-0.73%	-0.28%
Real Estate, Lodging, and Leisure	9.45%	9.38%	8.77%	8.50%	-0.95%	-0.27%
Technology, Media, and Telecom	9.75%	9.59%	9.56%	9.47%	-0.28%	-0.09%

Average BDC Fair Value Yields by Industry—Second Lien¹

					Change from	
Industry	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2018	Q2 2019
Business Services	11.33%	11.24%	11.28%	11.03%	-0.30%	-0.25%
Financial Institutions	11.29%	11.25%	11.02%	10.99%	-0.30%	-0.03%
Consumer, Food, and Retail	11.72%	11.75%	11.76%	10.88%	-0.84%	-0.88%
Energy	10.76%	10.84%	10.85%	10.65%	-0.11%	-0.20%
Healthcare	10.80%	10.90%	11.13%	10.91%	0.11%	-0.22%
Industrials	11.56%	11.45%	11.33%	10.94%	-0.62%	-0.39%
Real Estate, Lodging, and Leisure	11.63%	11.32%	11.09%	11.29%	-0.34%	0.20%
Technology, Media, and Telecom	11.39%	11.21%	11.87%	11.52%	0.13%	-0.35%

BDC Investments by Industry as of Q3 2019²





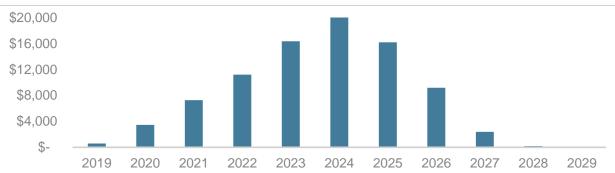
Second Lien

Source: Advantage Data

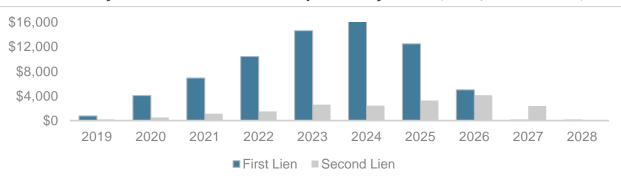
⁽¹⁾ Fair value yield is based off of reported fair value, stated maturity, and stated interest rate. Represents data for all BDCs tracked by Advantage Data. Excludes outliers.

Maturity of LIBOR-Based Debt Securities for BDC Portfolio Companies by

Year¹ (Principal in \$ millions)

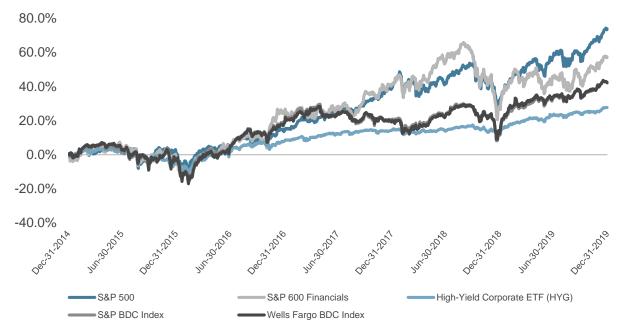


Debt Maturity for BDC Portfolio Companies by Year² (Principal in \$ millions)



Cumulative Total Return (%) as of December 31, 2019

1 Year	5 Year
31.1%	73.8%
22.3%	57.4%
14.0%	27.7%
28.1%	42.3%
27.1%	42.2%
	31.1% 22.3% 14.0% 28.1%



Source: Bloomberg.

⁽¹⁾ Represents the principal balance of maturities for debt securities with a LIBOR component for all BDCs tracked by Advantage Data.

⁽²⁾ Represents the principal balance of maturities for all BDCs tracked by Advantage Data.

BDC Market Snapshot

Large Cap ARC S 7,982.99 \$ 18.94 97% 15.9% 15.9% 10.9% 5.2% 10.1% 8.9% C OW Rock Capital Corporation ORC \$ 2,982.90 \$ 17.20 99% NM 1.14x 5.5% 10.1% 8.9% C OW Rock Capital Corporation ORC \$ 4,728.90 \$ 17.20 99% NM 1.14x 5.5% 10.9% 7.2% C OW Rock Capital Corporation ORC \$ 5,728.93 \$ 17.20 99% NM 1.14x 5.5% 10.9% 7.2% C OW Rock Capital Corporation ORC \$ 2,728.20 \$ 1.720 99% NM 1.14x 5.5% 10.9% 10.9% 5.0% 2.0% 10.1% 10.	(Dollars in millions, except per share data)		I	/larket	ı	Price at	Price/ 52 wk	LTM Price	Price as a Multiple of	LTM	LTM	Div.	Debt/
Ares Capital Corporation	Company Name	Ticker		Сар.	1	/7/2020	High	Change	NAV	ROA	ROE	Yield	Equity
Owl Rock Capital Corporation ORCC S 6,728,96 S 17,29 90% NM 1,148 5,3% 9,0% 7,2% Capital Corporation ORCC S 6,728,96 S 17,29 90% NM 1,148 5,3% 9,0% 7,2% Capital Corporation ORCC S 5,5191.89 S 6,27 94% 10,8% 0,9% 5,0% 2,8% 12,1% Capital Corporation ORCC S 5,5191.89 S 6,27 94% 10,8% 12,9% 11,9% 10,9% 2,0% 12,1% 12,1% Capital Corporation ORCC S 2,415,71 S 14,33 98% 21,6% 11,798 5,0% 8,1% 6,8% 10,9% 12,9% 11,2% 11,1% 12,	Large Cap												
FSKKR Capital Corp.	Ares Capital Corporation	ARCC	\$	7,962.89	\$	18.64	97%	15.8%	1.08x	5.2%	10.1%	8.6%	0.9x
Main Street Capital Corporation MAIN S 2,751.7 \$ 43.38 98% 21.6% 1.79% 5.0% 8.1% 6.8% 6.0% 6.00% 6.000	Owl Rock Capital Corporation	ORCC	\$	6,728.50	\$	17.29	90%	NM	1.14x	5.3%	9.0%	7.2%	0.4x
Gaub Capital EDC, Inc. GBDC S 2.415.71 \$ 18.21 95% 6.3% 1.09% 1.29% 0.72% 4.8% 1.13% 1.13% 0.79% 4.8% 1.13%	FS KKR Capital Corp.	FSK	\$	3,191.89	\$	6.27	94%	10.8%	0.80x	5.6%	28.6%	12.1%	0.9x
Prospect Capital Corporation PSEC 5 23/77.25 \$ 6,47 93% -1.2% 0.73x 48% 2.4% 11.1% 0.1 Proceeds Capital Line HTGG 5 1,462.24 \$ 14.00 96% 16.5% 15.05 5.8% 12.0% 9.5% 17.05 9.6%	Main Street Capital Corporation	MAIN	\$	2,751.37	\$	43.38	98%	21.6%	1.79x	5.0%	8.1%	6.8%	0.7x
Hercules Capital, Inc. HTGC \$1.462.24 \$ 14.00 96% 16.5% 1.38% 5.8% 10.7% 9.6% 17.00 \$1.00	Golub Capital BDC, Inc.	GBDC	\$	2,415.71	\$	18.21	95%	6.3%	1.09x	2.6%	-1.2%	8.0%	1.0x
TRS Specially Lending, Inc. TSLX S 1.436.32 \$ 21.59 97% 12.2% 1.20% 5.8% 12.0% 2.8% 0.9% 1.20% 5.8% 12.0% 0.9% 1.30% 1.	Prospect Capital Corporation	PSEC	_	,	\$	6.47	93%	-1.2%	0.73x	4.8%	2.4%	11.1%	0.7x
New Mountain Finance Corporation NIMEC \$ 1,344.12 \$ 13.89 97% 4.8% 1.04x 4.3% 8.1% 8.9% 1.03% 1.03% 1.03% 1.03% 1.00% 1	Hercules Capital, Inc.	HTGC	\$	1,462.24	\$	14.00	96%	16.5%	1.35x	5.8%	10.7%	9.6%	1.1x
Apollo Investment Corporation AINV \$ 1,167.88 \$ 17.55 96% 26.4% 0.94x 4.7% 4.7% 10.3% 1 8Ban Capital Specialty Finance, Inc. BGSF \$ 1,022.15 \$ 19.79 95% 13.8% 1.00x 4.0% 7.0% 10.3% 1 Mean BGSF \$ 1,022.15 \$ 19.79 95% 13.8% 1.00x 4.0% 7.0% 10.3% 1 Mean BGSF \$ 1,022.15 \$ 19.79 95% 12.7% 1.11x 4.8% 0.1% 0.1% 1 Mean BGSF \$ 1,022.15 \$ 19.79 95% 12.7% 1.11x 4.8% 0.1% 0.1% 1 Mean BGSF \$ 1,022.15 \$ 19.79 95% 12.7% 1.11x 4.8% 0.1% 0.1% 1 Mean BGSF \$ 1,022.15 \$ 19.79 95% 1.2% 0.14x 5.4% 0.25x 4.7% 0.2	TPG Specialty Lending, Inc.	TSLX	\$	1,435.32	\$	21.59	97%	12.2%	1.29x	5.8%	12.0%	8.2%	0.8x
Bain Capital Specialty Finance, Inc. BCSF \$ 1,022.15 \$ 19.79 95% 13.8% 1.00x 4.0% 7.0% 8.3% 1 95% 12.7% 1.11x 4.8% 9.1% 9.1% 9.1% 1 Solar Capital Ltd. SLRC \$ 873.53 \$ 20.67 95% 1.9% 0.94x 3.8% 7.2% 7.9% 0.90x 1 Solar Capital Ltd. SLRC \$ 873.53 \$ 20.67 95% 1.9% 0.94x 3.8% 7.2% 7.9% 0.90x 1 Black Rock TCP Capital Corp. TCPC \$ 825.08 \$ 14.04 94% 2.0% 1.03x 5.0% 3.7% 10.3% 10.3% 10.00x 1	New Mountain Finance Corporation	NMFC	\$	1,344.12	\$	13.89	97%	4.8%	1.04x	4.3%	8.1%	9.8%	1.5x
Mela de Capel Ltd. SLRC S 873.53 S 20.67 95% 1.9% 0.94x 3.8% 7.2% 7.9% C Goldman Sachs BDC, Inc. GSBD S 846.50 S 20.97 93% 4.5% 1.24x 5.0% 3.7% 10.3% 17.0% 10.0%	Apollo Investment Corporation	AINV	\$	1,167.88	\$	17.55	96%	26.4%	0.94x	4.7%	4.7%	10.3%	1.3x
Solar Capital Ltd.	Bain Capital Specialty Finance, Inc.	BCSF	\$	1,022.15	\$	19.79	95%	13.8%	1.00x	4.0%	7.0%	8.3%	1.6x
Solar Capital Ltd. SLRC \$ 873.53 \$ 20.67 \$95% \$1.99% \$0.94\$ \$3.9% \$7.22% \$7.99% \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.	Mean						95%	12.7%	1.11x	4.8%	9.1%	9.1%	1.0x
Solar Capital Ltd. SLRC \$ 873.53 \$ 20.67 \$95% \$1.99% \$0.94\$ \$3.9% \$7.22% \$7.99% \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.	Mid Cap												
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BlackRock TCP Capital Corp. TCPC \$825.08 \$14.04 94% 2.0% 1.03x 5.0% 3.7% 10.3% 1.06 12.6% 1.06	Goldman Sachs BDC, Inc.												1.1x
TGG BIOL, Inc. CGBD \$ 801.99 \$ 13.59 87% -4.7% 0.82x 4.7% 3.2% 12.8% 10.84 1.96	BlackRock TCP Capital Corp.												1.2x
Oaktree Specialty Lending Corporation	TCG BDC, Inc.		_										1.2x
Barings BDC, Inc. BBDC \$ 513.06 \$ 10.41 98% 7.7% 0.90x 2.7% NM 5.8% 1 Mean 94% 5.6% 0.96x 4.3% 6.4% 8.7% 1 Mean Small Cap PennantPark Floating Rate Capital Ltd. PFLT \$ 477.28 \$ 12.31 92% 0.4% 0.95x 4.1% 2.2% 9.3% 1 Newtek Business Services Corp. NEWT \$ 452.40 \$ 22.83 95% 22.7% 1.48x 1.5% 12.2% 9.4% 1 Means 1 Newtek Business Services Corp. NEWT \$ 452.40 \$ 22.83 95% 22.7% 1.48x 1.5% 12.2% 9.4% 1 Means 1 Newtek Business Services Corp. NEWT \$ 452.40 \$ 22.83 95% 22.7% 1.48x 1.5% 12.2% 9.4% 1 Means 1 Newtek Business Services Corp. NEWT \$ 452.40 \$ 22.83 95% 22.7% 1.48x 1.5% 12.2% 9.4% 1 Means 1 Newtek Business Services Corp. NEWT \$ 452.40 \$ 22.83 95% 22.7% 1.48x 1.5% 12.2% 9.4% 1 Means 1 Newtek Business Services Corp. NEWT \$ 452.40 \$ 22.83 95% 22.7% 1.48x 1.5% 12.2% 9.4% 1 Means 1 Newtek Business Services Corp. NEWT \$ 452.40 \$ 22.83 95% 22.7% 1.48x 1.5% 12.2% 9.4% 1 Means 1 Newtek Business Services Corp. Gladstone Investment Corporation GAIN \$ 427.68 \$ 13.03 86% 32.2% 1.05x 2.7% 8.9% 7.9% 0.00 1 Newtek Corporation CSWC \$ 366.95 \$ 15.00 91% 18.8% 0.91x 4.6% 10.1% 10.7% 0.00 1 Newtek Corporation BMCC \$ 330.56 \$ 15.00 91% 18.8% 0.91x 4.6% 10.1% 10.7% 0.00 1 Newtek Corporation SMCC \$ 330.56 \$ 15.00 91% 18.8% 0.91x 4.6% 10.1% 10.7% 0.00 1 Newtek Corporation SMCC \$ 330.56 \$ 17.76 97% 11.7% 1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0													0.5x
Small Cap													1.1x
PennaniPark Floating Rate Capital Ltd.													1.0x
PennaniPark Floating Rate Capital Ltd.							94%	5.0%	0.96x	4.3%	0.4%	0.770	1.0x
Newtek Business Services Corp. NEWT \$ 452.40 \$ 22.83 95% 22.7% 1.48x 1.5% 12.2% 9.4% 1 PennantPark Investment Corporation PNNT \$ 438.81 \$ 6.55 89% 4.7% 0.75x 4.2% 2.6% 11.0% 7.9% Capital Southwest Corporation CSWC \$ 368.94 \$ 20.58 90% 3.1% 1.05x 2.7% 8.9% 7.9% 0.6	·												
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Gladstone Investment Corporation GAIN \$ 427.68 \$ 13.03 85% 32.2% 1.05x 2.7% 8.9% 7.9% 0 Capital Southwest Corporation CSWC \$ 368.94 \$ 20.58 90% 3.1% 1.12x 4.9% 7.6% 9.7% 0 Tibus Investment Corporation FDUS \$ 368.95 \$ 15.00 91% 18.8% 0.91x 4.6% 10.1% 10.7% 0 TriplePoint Venture Growth BDC Corp. TPVG \$ 366.24 \$ 15.00 91% 18.8% 21.4% 1.06x 5.8% 10.6% 10.1% 0 TriplePoint Venture Growth BDC Corp. TPVG \$ 356.24 \$ 14.31 83% 21.4% 1.06x 5.8% 10.6% 10.1% 0 Solar Senior Capital Investment Corporation BKCC \$ 339.36 \$ 4.93 74% 13.8% 0.76x 4.8% 7.6% 11.4% 0 Solar Senior Capital Ltd. SUNS \$ 284.96 \$ 17.76 97% 11.7% 1.09x 3.6% 5.5% 7.9% 0 WhiteHorse Finance, Inc. WHF \$ 282.92 \$ 13.77 92% 0.3% 0.90x 5.2% 8.5% 10.3% 0.90 WhiteHorse Finance, Inc. WHF \$ 282.92 \$ 13.77 92% 0.3% 0.90x 5.2% 8.5% 10.3% 0.90 Solar Senior Capital Corp. OXSO \$ 269.54 \$ 14.36 94% 6.0% 1.00x 4.3% 10.8% 9.5% 1 Oxford Square Capital Corp. OXSO \$ 269.54 \$ 5.64 76% 13.1% 1.04x 6.5% 19.8% 14.3% 0 Oxford Square Capital Corp. OXSO \$ 243.98 \$ 24.93 94% 1.6% 0.86x 3.7% 2.4% 7.5% 1 Monroe Capital Corporation MRCC \$ 225.30 \$ 11.02 82% 2.2% 0.89 x 5.0% 6.3% 12.7% 1 THL Credit, Inc. TCRD \$ 192.62 \$ 6.36 86% 4.4% 0.76x 5.8% 11.0% 13.2% 0 MVC Capital Corporation MRCC \$ 183.78 \$ 9.24 96% 0.8% 0.72x 3.4% 4.7% 7.4% 0 OFS Capital Corporation MCC \$ 163.78 \$ 9.24 96% 0.8% 0.72x 3.4% 4.7% 7.4% 0 OFS Capital Corporation MCC \$ 117.12 \$ 2.15 58% 2.23.% 0.54x 0.93 3.9% 0.14% 1.10 Sutter Rock Capital Corporation MCC \$ 117.12 \$ 2.15 58% 2.23.0 0.54x 0.39 2.2% 0.59 0.0% 12.7% 1.0% 0 Modeldy Capital Corporation MCC \$ 117.12 \$ 2.15 58% 2.32.0 0.65x 3.8% 1.26 10.9% 1.4% 1.10 Sutter Rock Capital Corporation MCC \$ 117.12 \$ 2.15 58% 2.32.0 0.54x 0.39 2.7% 1.4% 1.10 Gratel Emotypical Corporation MCC \$ 117.12 \$ 2.15 58% 2.32.0 0.54x 0.39 2.7% 1.4% 1.10 Gratel Emotypical Corporation MCC \$ 117.12 \$ 2.15 58% 2.32.0 0.54x 0.39 2.7% 1.4% 1.10 Gratel Emotypical Corporation MCC \$ 117.12 \$ 2.15 58% 2.32.0 0.54x 0.39 2.7% 1.4% 1.10 Gratel Emotypical Corporation MCC \$ 117.12 \$ 2.15 58% 2.32.0 0	·												1.3x
Capital Southwest Corporation	·												1.2x
Fidus Investment Corporation FDUS \$ 366.95 \$ 15.00 91% 18.8% 0.91x 4.6% 10.1% 10.7% 0.7% 1.77% 0.77%													0.4x
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BlackRock Capital Investment Corporation BKCC \$ 339.36 \$ 4.93 74% -13.8% 0.76x 4.8% -7.6% 11.4% Color Solar Senior Capital Ltd. SUNS \$ 284.96 \$ 17.76 97% 11.7% 1.09x 3.6% 5.5% 7.9% 10.3% 0.90x 5.2% 8.5% 10.3% 0.90x 4.3% 10.6% 9.5% 1.98% 1.00x 4.2% 10.2% 4.2% 13.5% 9.0% 1.00x	·												0.8x
Solar Senior Capital Ltd.	•		_										0.7x
WhiteHorse Finance, Inc. WHF \$ 282.92 \$ 13.77 92% 0.3% 0.90x 5.2% 8.5% 10.3% 0.50x 0.50x 0.90x 0.9													0.6x
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Mean 87% 6.5% 0.92x 3.8% 0.9% 8.7% 1 Median 92% 4.6% 0.91x 4.3% 4.1% 9.5% 0	High						98%	139.8%	1.79x	6.5%	28.6%	14.4%	2.3x
Median 92% 4.6% 0.91x 4.3% 4.1% 9.5% 0	Mean												1.0x
Low 42% -52.3% 0.30x -3.1% -35.9% 0.0% 0	Median						92%	4.6%			4.1%		0.9x
	Low						42%	-52.3%	0.30x	-3.1%	-35.9%	0.0%	0.2x

Source: S&P Capital IQ Note: as of January 7, 2020 NM refers to not meaningful

About Portfolio Valuation and Fund Advisory Services

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Derivatives Valuation and Risk Management	Fair Valuation for Financial Reporting
Fund Manager Valuation	Fund Opinions
LIBOR Transition Advisory	Portfolio Acquisition and Divestiture Services
Securitization and Regulatory Compliance	Structured Products Valuation Advisory

Valuation Governance and Best Practices

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Corporate Finance

2019 M&A Advisory Rankings All U.S. Transactions Deals 1 Houlihan Lokey 184 2 Goldman Sachs & Co 167 3 JP Morgan 141 4 Morgan Stanley 122 5 Evercore Partners 112 Source: Refinitiv (formerly known as Thorson Reuters)

No. 1 U.S. M&A Advisor

Top 10 Global M&A Advisor

Leading Capital Markets Advisor

Financial Restructuring

2019 Global Distressed Debt & Bankruptcy Restructuring Rankings				
	Advisor	Deals		
1	Houlihan Lokey	76		
2	PJT Partners Inc	43		
3	Moelis & Co	36		
4	Lazard	29		
5	AlixPartners	19		
Source: Refinitiv (formerly known as Thomson Reuters)				

No. 1 Global Investment Banking Restructuring Advisor

1,000+ Transactions Completed Valued at More Than \$2.5 Trillion Collectively

Financial Advisory

	2000 to 2019 Global M&A Fairness Advisory Rankings						
	Advisor	Deals					
1	Houlihan Lokey	1,057					
2	JP Morgan	929					
3	Duff & Phelps	734					
4	Morgan Stanley	621					
5	Bank of America Merrill Lynch	612					
	Refinitiv (formerly known as Thomson Reuters). Announced or completed transactions.						

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