PennantPark Investment Corporation

3/31/2022

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Forward-looking Statements and Risk Factors

This presentation may include forward-looking statements. These forward-looking statements include comments with respect to our objectives and strategies and results of our operations.

However, by their nature, these forward-looking statements involve numerous assumptions, uncertainties and opportunities, both general and specific. The risk exists that these statements may not be fulfilled. We caution readers of this presentation not to place undue reliance on these forward-looking statements as a number of factors could cause future company results to differ materially from these statements.

Forward-looking statements may be influenced in particular by factors such as fluctuations in interest rates and stock indices, the effects of competition in the areas in which we operate, and changes in economic, political and regulatory conditions. We caution that the foregoing list is not exhaustive.

When relying on forward-looking statements to make decisions, investors should carefully consider the aforementioned factors as well as other uncertainties and events. The performance data quoted represents past performance and does not guarantee future results. The performance stated may have been due to extraordinary market conditions, which may not be duplicated in the future. Current performance may be lower or higher than the performance data quoted.

We do not undertake to update our forward-looking statements unless required by law.

We refer you to the list of risk factors set forth in our most recent Annual Report on Form 10-K, a copy of which may be obtained on our website at www.pennantpark.com or the SEC's website at www.sec.gov. Specifically, an investment in our common stock involves significant risks, including the risk that the secondary market price of our common stock may decline from the offering price and may be less than our net asset value per share, as well as the risk that the price of our common stock in the secondary market may be highly volatile. Please see a discussion of these risks and other related risks in our most recent Annual Report on Form 10-K under Item 1A - "Risks Relating to an Investment in Our Common Stock".

This is not a prospectus and should under no circumstances be understood to be an offer to sell, or a solicitation of an offer to buy, any security of PennantPark Investment Corporation or PennantPark Floating Rate Capital Ltd. These materials and the presentations of which they are a part, and the summaries contained herein, do not purport to be complete and no obligation to update or otherwise revise such information is being assumed. This presentation contains only such information as is set forth in our reports on Form 10-K or 10-Q and we direct you to these reports for further information on our business including investment objectives, risks and expenses.

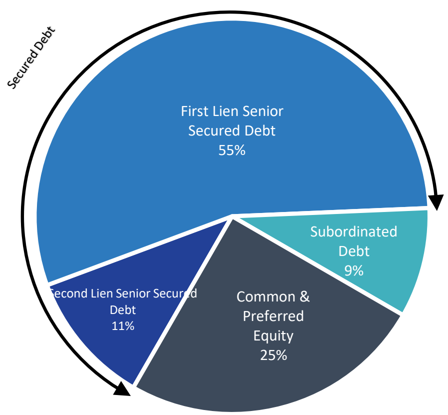
Established Credit Platform

PennantPark
Investment Advisers, LLC

$6.0 billion total Investable Capital Under Management

PennantPark
Investment Corporation

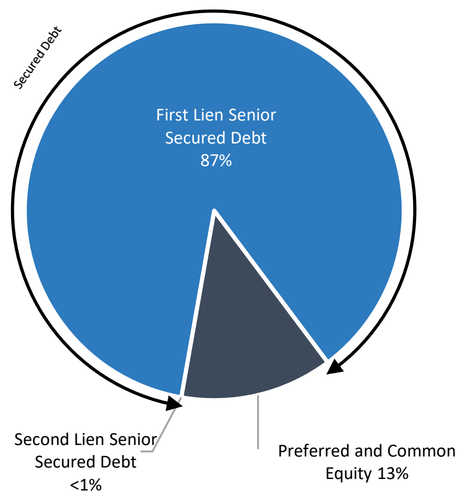
- NASDAQ: “PNNT”
- IPO Date: April 2007
- 66% Secured Debt



$1,214 million

PennantPark
Floating Rate Capital Ltd.

- NASDAQ: “PFLT”
- IPO Date: April 2011
- 87% Secured Debt



$1,193 million

Established Investment Platform

- PennantPark Investment Advisers founded 15 years ago before the Global Financial Crisis (“GFC”)
- Leading independent middle market credit platform providing strategic capital to growing companies in the core middle market
- Cohesive, experienced team
- Culture of building long term trust
- Well positioned in this environment as a lender of secured floating rate loans in the United States

Established Credit Platform

PennantPark
Investment Advisers, LLC

Founded in 2007
Funded $15.8B in 614 companies

Disciplined Investor

- Value oriented with goal of capital preservation
- Focused approach to ensure good risk / reward
- Investing in 5% of deals reviewed over the past 3 years

Relationship & Solution Driven

- Team approach
- Build long-term relationships – trusted partner
- Independent firm and unaffiliated platform
- Incumbency advantage

Core Middle Market Focus

- Companies with EBITDA of $10 - $50 million
- Attractive risk adjusted return
- Less competition and capital is more important to borrowers

Consistent Performance & Track Record

- Low volatility of underlying portfolio EBITDA through the GFC and COVID-19
- Equity co-investment program has an IRR of 28% and an MOIC of 2.7x since inception

PNNT

- Only 16 non-accruals out of 310 companies since inception
- Annualized loss ratio approximately 10 basis points compared to 11% yield since inception 15 years ago

Conservative Portfolio Construction - PNNT

- 113 companies in 30 different industries
- Weighted average debt / EBITDA through PNNT security is 5.1x
- Weighted average cash interest coverage is 3.1x
- Focused on high free cash flow industry verticals with deep domain expertise.

Second Fiscal Quarter 2022 Highlights

Significant Exit	• Exited PT Network, generating $232.0 million of cash total proceeds • $164 million of proceeds on equity position
PSLF	• Joint venture increases bite size and ROE • Closed long term, low cost CLO financing • 2nd quarter increase in capital commitment of $65 million to grow portfolio to $750 million
Equity Coinvestments	• Opportunity to exit equity and rotate into debt instruments • Equity percentage of position down to 25% from 30%
Developments	• Increased quarterly dividend to $0.145 per share • $25 million stock repurchase program, $7 million executed to date • Regulatory net debt to equity ratio, after subtracting cash of 0.8x creates growth opportunity up to target ratio of 1.25x
Credit Performance	One investment on non-accrual at quarter end, representing 3.5% and 2.8% of our overall portfolio on a cost and fair value basis, respectively
Outlook	• Equity rotation in progress • Growing PNNT and PSLF balance sheets • Strengthening NII

Why is PNNT Well Positioned?

Experienced Team	• Decades of experience in middle market credit • Stable, consistent investment team • Headquarters in Miami with offices in New York, Chicago, Houston, and Los Angeles
Expansive Relationship Network	• Independent, unconflicted provider • Established institutionalized relationships • Focus on building long-term trust • Brand recognition with 200+ sponsors financed • Known as a provider of strategic capital to growing companies in the core middle market
Attractive and Diversified Financing	• $465 million of Truist credit facility at L + 225 • $150 million long term notes due May 2026 at 4.5% • $165 million long term notes due November 2026 at 4.0% • PSLF, joint venture with Pantheon, bolsters liquidity and ROE, and scales platform

PNNT Continuous Improvement

- **15 year track record starting in 2007**

- **Track record prior to 2015 was 9.7% IRR at the asset level**

- **Since 2015, 13.7% IRR at the asset level – a 400 basis point improvement**

- **Four key factors making the difference:**

  – Better company selection within five industry verticals where we have deep domain expertise: business services, consumer, government services/defense, healthcare, and software / technology

  – Avoidance of energy and other cyclicals

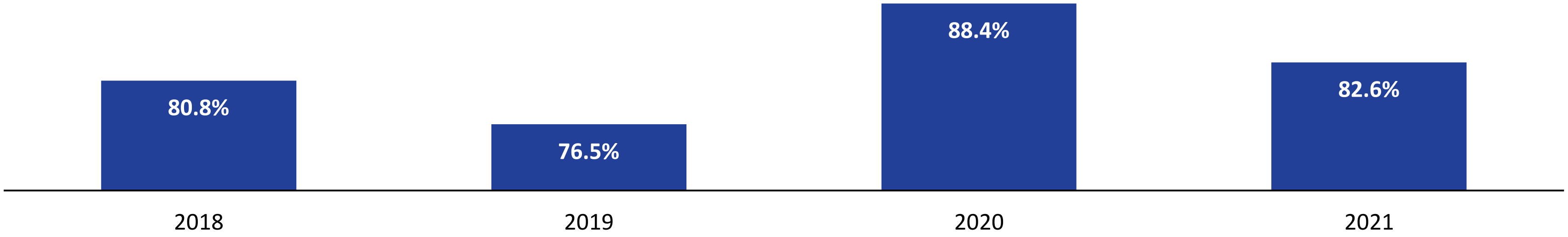
  – Excellent results from equity co-investment program

  – Increased focus on growing companies in the core middle market (between $10 - $50 million of EBITDA), where capital is strategically important to borrowers

Extensive Sourcing Network & Deep Industry Expertise

- **Robust origination platform built on one of the most senior, experienced investment teams[1]**
  - Actively cover over 600 of 2,000+ middle market private equity sponsors in the U.S.
  - Closed deals with 210+ private equity sponsors; majority repeat transactions
  - Incumbency advantage (existing lender to 150+ portfolio companies across 80+ sponsors) / repeat transactions
  - Strong track record financing spin-off private equity sponsors with prior experience financing the team
  - Additional opportunities from partner lenders and deep relationships with capital markets desks
- **Deep industry knowledge and expertise in five sectors**
  - Focus on sectors that deliver steady and consistent cash flows, which include but are not limited to, Business Services, Consumer, Government Services/defense, Healthcare, and Software/Technology
  - Avoid retail, restaurants, airlines, apparel/fashion, paper & packaging, chemicals, and other highly cyclical industries
- **Since 2018, over 75% of PennantPark's deals have been with repeat sponsors**
  - Private equity sponsors give PennantPark early and last looks because of our reliability, experience, market leadership, and flexible capital solutions offerings

Origination Volume with Repeat Sponsors[2]



Note: Past performance is not necessarily indicative of future results.
1. *As of 12/31/21.*
2. *Percentage of total origination volume. Origination volume refers to the dollar value of all financing commitments to middle market companies. Repeat sponsors are private equity firms that had previously completed a financing transaction with PennantPark.*

Core Middle Market Strategy

- **Long-term track record of generating significant value for investors by successfully financing smaller, high-growth companies, while making attractive loans with strong income and capital preservation attributes**

- **Well-established, repeatable process of:**
  - Identifying and underwriting companies with a clear pathway to growth
  - Fueling that growth over time by providing incremental debt and equity as the companies scale
  - Debt investment with strong capital preservation attributes and supported by substantial sponsor equity
  - Riding the upside of the equity co-investment

- **Key characteristics we target include:**
  - Companies with $10 - $50 million of EBITDA
  - Outstanding, experienced management teams with strategic growth plans and clear line of sight to $50+ million of EBITDA during the life of our loan either through add-on acquisitions or organic growth
  - Successful private equity sponsors with whom we have long-standing relationships, and have strong track records of supporting portfolio companies
  - Typical equity co-investments range from 5% - 20% of the debt investment amount; similar economic terms as the sponsor
  - Best risk adjusted return in today's market are companies that have $10 - $20 million of EBITDA to start, prior to growth plan

- **Equity co-investments have added approximately 141 bps of incremental return to what the underlying loans generate**

PennantPark Platform	# of Investments	Capital Invested	Gross IRR[1]	MOIC[1]
Equity Co-investments	104	$297 million	28.0%	2.7x

1. *IRRs and MOICs reflect gross (asset-level) returns on equity coinvestment transactions from inception (January 2007) to 3/31/22 across PennantPark-managed vehicles.*

Core Middle Market Advantage

- **The U.S. middle market includes nearly 200,000 companies, generates $10 trillion of annual revenue (1/3 of the U.S. economy), and is the world's fifth largest economy on a standalone basis[1]**
- **The core middle market presents attractive investment opportunities**
  - Lower leverage
  - Strong covenant packages
  - Higher yields
  - Greater recovery rates

	Core Middle Market	Upper Middle Market
EBITDA	$10 to $50 million	$50 million and greater
New Issue Pricing	First Lien: L + 5.0% to 7.0% Second Lien: L + 8.0% to 10.0%	First Lien: L + 3.5% to 6.0% Second Lien: L + 6.5% to 8.0%
Leverage	First Lien: 4.0x to 5.5x Second Lien: 5.5x to 6.5x	First Lien: 5.0x to 7.5x Second Lien: 6.0x to 9.0x
Covenants	Usually stronger; total net leverage, interest coverage, etc.	Covenant lite or one covenant set at wide levels
Equity Contribution	45% or more	35% or more
Due Diligence Process	In-depth and comprehensive; typically takes 6 – 8 weeks	More limited information; typically happens in 2 weeks or less
Reporting	Frequent and usually monthly	Usually quarterly

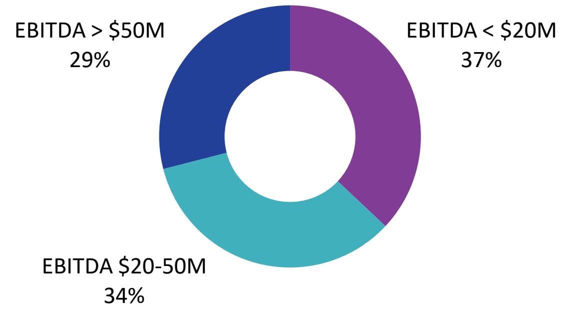
Note: Past performance is not necessarily indicative of future results. Statements herein concerning financial market trends or other financial market commentary are based on the current market conditions, which will fluctuate. In addition, such statements constitute the Manager's current opinion, which is subject to change in the future without notice. For additional information, please see "IMPORTANT NOTICES" on the last page of this document.

1. *National Center For the Middle Market, 2Q 2021 Middle Market Indicator Report.*

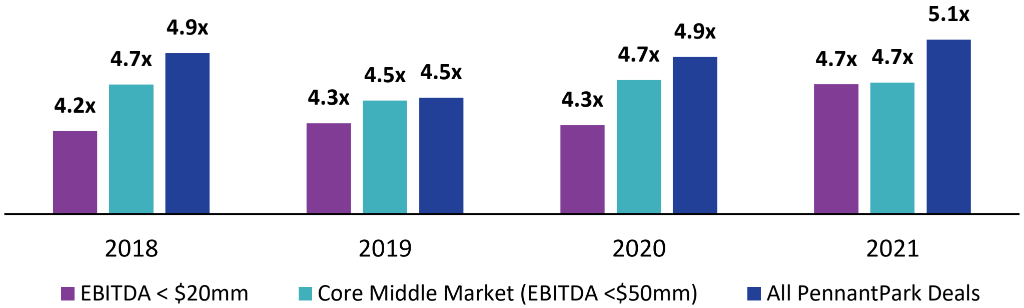
Lower Leverage and Better Returns in the Core Middle Market

- **PennantPark takes a more focused and value-added approach when evaluating lower middle market opportunities**
- **Since 2015, 71% of invested capital was directed to companies with EBITDA below $50 million**
- **37% of total invested capital was directed to companies with EBITDA below $20 million**
- **Leverage has consistently stayed below overall market levels for smaller borrowers in the portfolio**
- **Despite lower leverage, PennantPark has achieved higher IRRs on deals with borrower EBITDA below $20 million at entry when compared to all deals**

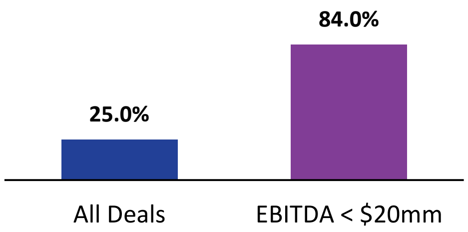
PennantPark $ Invested as % of Total Since 2015



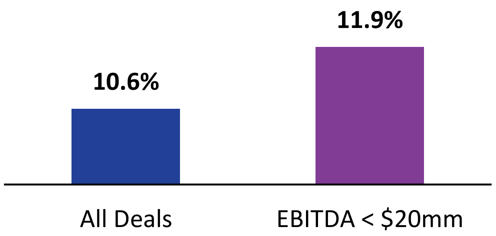
PennantPark Total Leverage



EBITDA Growth During Hold Period



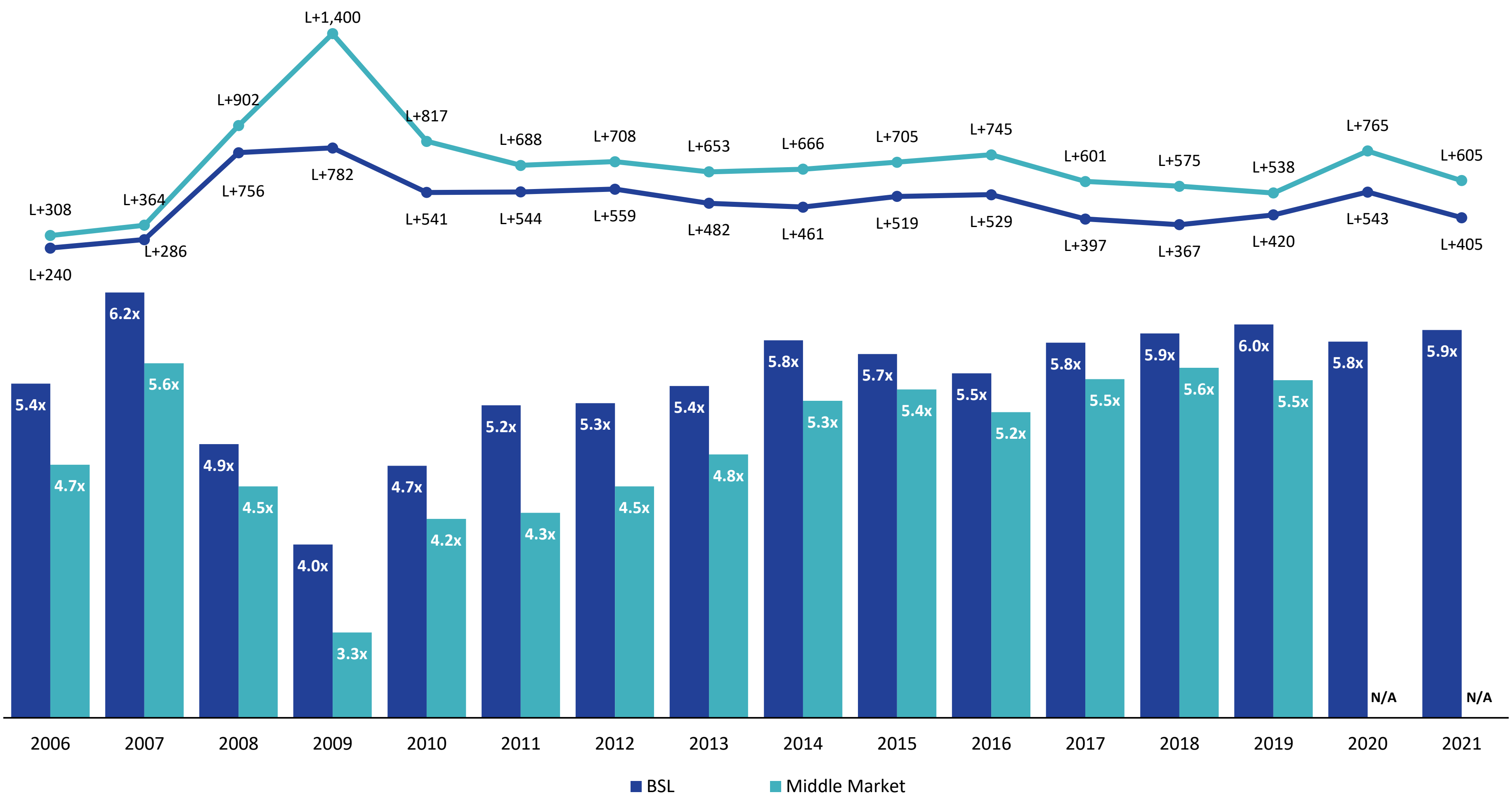
PennantPark Gross, Deal-level IRRs



Note: Past performance is not necessarily indicative of future results. As of 12/31/21. Statistics presented above calculated based on PennantPark portfolio.

The Middle Market Offers a Yield Premium with Lower Risk

Middle Market vs. BSL: Average Debt to EBITDA & Loan Spreads[1,2]



Note: Past performance is not necessarily indicative of future results.

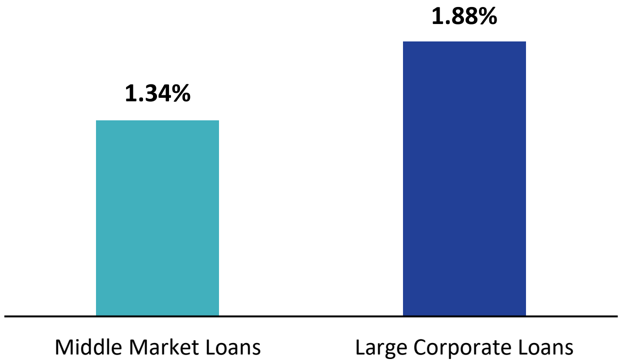
Source: LCD, an offering of S&P Global Market Intelligence. As of December 2021.

1. *Middle Market is defined as Issuers with EBITDA less than or equal to $50M. Broadly Syndicated Loans are defined as Issuers with EBITDA greater than $50M. Broadly Syndicated Loans are denoted as "BSL". Market data averages only include data available from LCD for the time periods referenced. For 2020 and 2021, LCD does not have sufficient observations at this time to provide data for MM.*
2. *Debt to EBITDA statistics reflect New Issue LBO loans only. Spread statistics reflect the S&P / LSTA Leveraged Loan Index ("LLI"), which includes term loans from syndicated credits.*

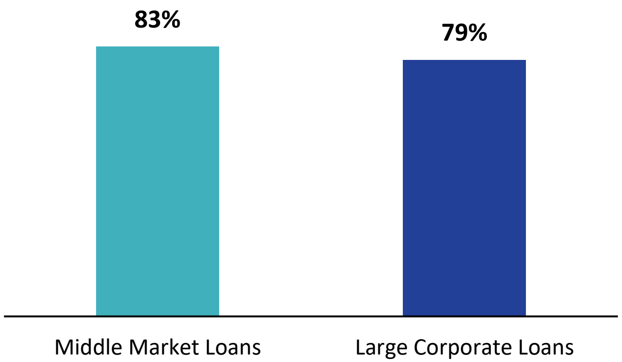
The Middle Market has Lower Defaults with Higher Recoveries

- Middle market (EBITDA <$50mm) loans consistently experience lower default rates and higher recoveries than large corporate loans (EBITDA >$50mm)

Default Rates by Loan Class



Recovery Rates by Loan Class



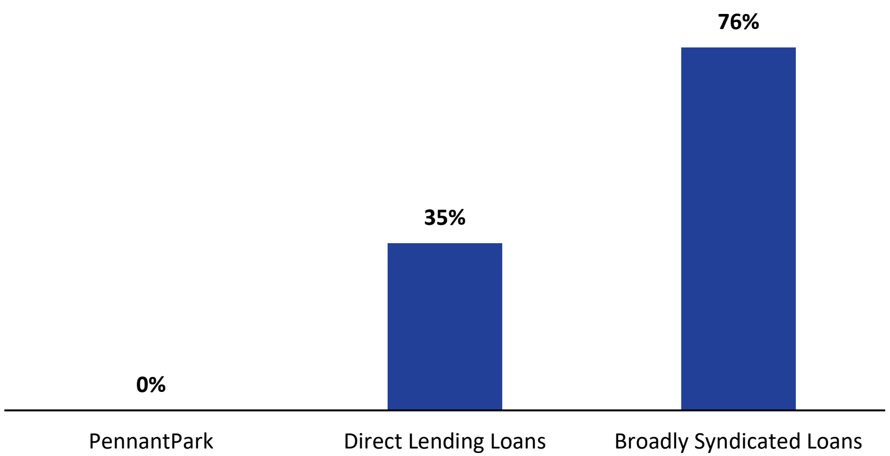
Annualized Realized Loss Rates by Loan Class

Source: S&P Global LossStats; LCD, an offering of S&P Global Market Intelligence. Data is from Q2 2011 through 12/31/20. Loss rate defined as (1-recovery rate) x default rate.

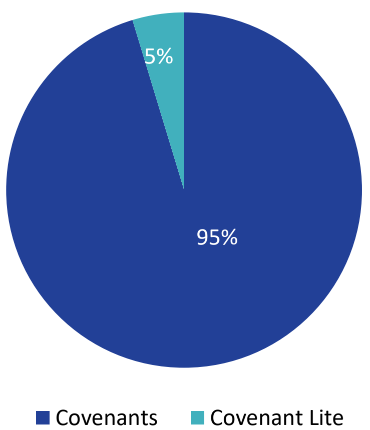
Covenant Protection in the Core Middle Market

- **Covenant protection is typically stronger in PennantPark's segment of the core middle market**
  - In Q4 2021, none of PennantPark's first lien loan originations were covenant lite, compared to 35% and 76% in the direct lending and broadly syndicated loan markets, respectively[1,2,3]
  - The vast majority of PennantPark's current investments have meaningful covenants (e.g. maximum total net leverage)[1,4]
- **Quarterly maintenance test covenants and required monthly financial reporting help protect against downside risk and bring stakeholders to the table early**
  - At the onset of COVID-19, frequent reporting prompted quick dialogue with management teams and sponsors
  - Protections may also lead to additional equity support from sponsors, reduced sponsor management fees, and additional yield and fees for lenders

Q4 2021 Percentage of Covenant Lite Transactions[1,2,3]



PennantPark Current Portfolio[1,4]



1. *Reflects first lien term loans across the PennantPark platform. Excludes broadly syndicated loans purchased solely for PennantPark's CLOs.*
2. *Source: Lincoln International LLC.*
3. *Source: Refinitiv.*
4. *Current portfolio as of April 2022.*

Underwriting Process

- **Led by experienced senior team**
- **The same deal team originates, executes, and monitors each investment**
- **Every member of the investment team participates in consensus-driven Investment Committee**

Sourcing & Industry Expertise

- Broad network of industry contacts
- Long-term relationships with mid market private equity sponsors and portfolio companies
- Proprietary sourcing relationships

Due Diligence & Underwriting

- Deep dive, private equity-style, iterative research
- Review historical and prospective data
- On-site company visits, interview competitors and customers
- Diligence alongside private equity sponsor and industry experts

Investment Committee

- Memos focus on downside cases to ensure risks are thoroughly understood
- Evaluate from an owner's perspective
- ESG evaluation is incorporated into our due diligence process through our ESG framework and checklist

Structuring & Documentation

- Deep experience across multiple credit cycles negotiating structures
- Construct attractive risk / reward profile
- Covenants, terms, and conditions that enforce discipline and preserve capital

Monitoring

- Proactive portfolio review
- Monthly financials supplemented with monitoring key developments
- Board observer rights when possible
- Quarterly independent third-party valuations

Note: The execution of the investment process described herein indicates PennantPark's current approach to investing, and this investment approach may be modified in the future by PennantPark in its sole discretion at any time and without further notice to investors in response to changing market conditions, or in any manner it believes is consistent with the overall investment objective of an individual fund/vehicle.

PNNT Overall Portfolio as of 3/31/22

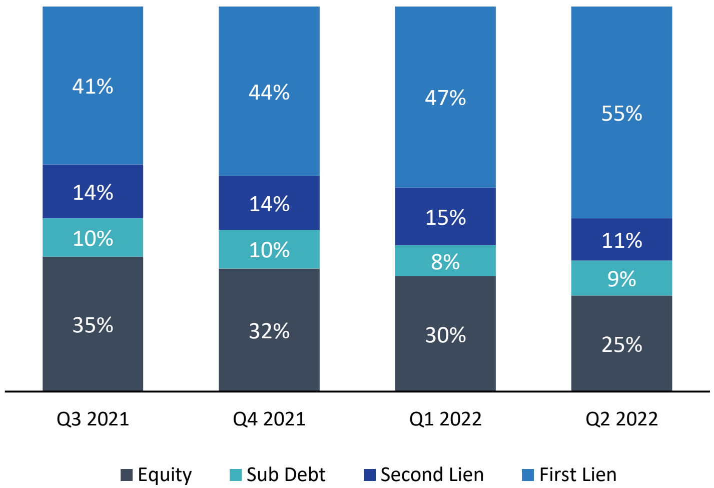
Highly Diversified Industry Mix

Industry[1]	Fair Value ($ millions)	% of Portfolio
Business Services	$ 154.3	14.2%
Healthcare, Education and Childcare	130.7	12.0
Consumer Products	105.3	9.7
Energy and Utilities	88.9	8.2
Aerospace and Defense	78.5	7.2
Distribution	61.9	5.7
Media	60.8	5.6
Telecommunications	39.9	3.7
Auto Sector	39.0	3.6
Environmental Services	37.1	3.4
Education	30.0	2.8
Home and Office Furnishings	27.4	2.5
Building Materials	26.2	2.4
Electronics	26.0	2.4
Other Media	24.9	2.3
Insurance	22.8	2.1
Transportation	20.0	1.8
Financial Services	17.8	1.6
Personal, Food and Miscellaneous Services	17.6	1.6
Retail	16.5	1.5
Chemicals, Plastics and Rubber	14.9	1.4
Printing and Publishing	11.4	1.0
Manufacturing / Basic Industries	11.1	1.0
Other	27.0	2.3
Total Portfolio	$1,089.7	100.0%

Portfolio Overview

- 113 different companies
- Average investment size: $10.7 million
- Yield at Cost on Debt Portfolio: 8.4%
- 66% Secured Debt

Portfolio Mix



1. *Excluding investments in PSLF. Total of 30 industries. "Other" includes: Cargo Transport / Communications / Food / Hotels, Motels, Inns and Gaming / Leisure, Amusement, Motion Pictures, Entertainment / Oil and Gas / Personal and Non-Durable.*

PennantPark Senior Loan Fund, LLC (“PSLF”)

- Invests in primarily middle market, directly originated first lien loans
- $750 million of total capacity
- Total commitments of $238 million in notes and equity from PNNT and Pantheon Ventures
- $246 million of third part debt financing, PennantPark CLO IV, Ltd. with final maturity of 2034
- $225 million of third party senior secured revolving credit facility
- Expands ability to serve sponsor and borrower clients with larger bite sizes
- Generating a higher Return on Equity and Net Investment Income per share for PNNT

PSLF Portfolio as of 3/31/22

Highly Diversified Industry Mix

Industry	Fair Value ($ millions)	% of Portfolio
Healthcare, Education, and Childcare	62.5	14.0%
Media	57.4	12.9%
Aerospace and Defense	45.0	10.1%
Business Services	44.6	10.0%
Consumer Products	35.5	8.0%
Chemicals, Plastics, and Rubber	27.5	6.2%
Transportation	24.2	5.4%
Electronics	18.0	4.0%
Personal, Food, and Miscellaneous Services	16.4	3.7%
Insurance	13.7	3.1%
Building Materials	12.6	2.8%
Telecommunications	11.9	2.7%
Communications	11.3	2.5%
Education	9.1	2.1%
Banking, Finance, Insurance, and Real Estate	7.4	1.7%
Environmental Services	7.3	1.6%
Personal and Non-Durable Consumer Products	6.5	1.5%
Distribution	6.0	1.3%
Auto Sector	5.8	1.3%
Food	5.4	1.2%
Hotels, Motels, Inns, and Gaming	4.6	1.0%
Printing and Publishing	4.6	1.0%
Manufacturing / Basic Industries	3.9	0.9%
Financial Services	2.9	0.7%
Leisure, Amusement, Motion Pictures, Entertainment	2.1	0.5%
Total Portfolio	$446.1	100.0%

Portfolio Overview

- 60 different companies
- Average investment size: $7.4 million
- Yield at Cost on Debt Portfolio: 7.2%
- 100% First Lien Investments

Diversified Funding Sources

03/31/2022	Commitment Amount ($mm)	Interest Rate	Maturity Date
Truist Revolving Credit Facility	$465	2.8%	9/4/24
SBIC II	28	2.9	9/1/27
2026 Notes	150	4.5	5/1/26
2026 Notes	165	4.0	11/1/26
Total	**$808**	**3.3%**	

Selected Financial Highlights

($mm, except per share data)	June Q3 2021	September Q4 2021	December Q1 2022	March Q2 2022
Investment Portfolio (at fair value)	$1,148	$1,255	$1,445	$1,214
Debt (GAAP)	$506	$607	$814	$550
GAAP Net Assets	$643	$660	$678	$664
Net Debt to Equity (GAAP)[1,2]	0.76x	0.89x	1.14x	0.79x
Investment Purchases	$133	$165	$295	$178
Per Share Data:				
GAAP Net Asset Value	$9.59	$9.85	$10.11	$10.05
Core Net Investment Income[3]	$0.14	$0.17	$0.19	$0.18
Dividends to Shareholders	$0.12	$0.12	$0.12	$0.14

1. *Adjusted number is a non-GAAP financial measure which excludes cash*
2. *Adjusted number is a non-GAAP financial measure which includes mark-to-market of liabilities.*
3. *Core Net Investment Income per Share is a non-GAAP financial measure.*

Strategy Targeted to Deliver Returns

- **Extensive and diverse sourcing network**
- **Focused on companies with strong free cash flow and de-leveraging capabilities**
- **Value oriented with a goal of capital preservation**
- **Privately negotiated middle market loans provide attractive risk / return**
- **Returns driven by interest payments from primarily secured debt**

PNNT Selected Investments

Company	Investment	Sponsor
Ad.net	Revolver First Lien Term Loan Equity	Clarion Capital Partners
ATS Applied Technical Services	Revolver First Lien Term Loan	Odyssey Investment Partners
CanoHealth	Revolver First Lien Secured Debt Equity	InTandem Capital Partners
Dr. Scholl's	Revolver First Lien Term Loan	Yellow Wood Partners
gen3 Marketing	Revolver First Lien Term Loan Equity	Comvest Partners
Hancock Claims Consultants	Revolver First Lien Term Loan Equity	Century Equity Partners
MeritB2B	Revolver First Lien Secured Debt Equity	Mountaingate Capital
MES	Revolver First Lien Term Loan Equity	Platte River Equity
Behavioral Health NV	Revolver First Lien Term Loan	Chicago Pacific Founders
openroad Lending	Revolver First Lien Term Loan Equity	Clarion Partners
Rancho Family Medical Group	Revolver First Lien Term Loan Equity	LightBay Capital
recteq	Revolver First Lien Term Loan Equity	Norwest Equity Partners
Sigma Defense Systems	Revolver First Lien Term Loan Equity	Sagewind Capital
Walker Edison	First Lien Secured Debt Equity	Prospect Hill Growth Partners
Vertex	Revolver First Lien Term Loan Equity	Wind Point Partners
Wheel Pros	Second Lien Secured Debt Equity	Clearlake Capital