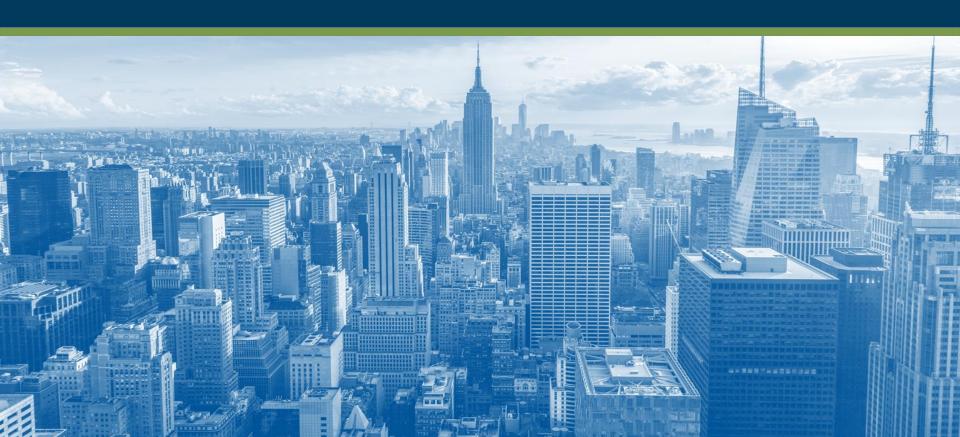
PROSPECT CAPITAL CORPORATION

NASDAQ: PSEC

MIDDLE MARKET FINANCE



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All data in this presentation is as of 9/30/2024 unless noted.

PSEC OVERVIEW

Prospect Capital Corporation (PSEC) is the Largest Multi-Line BDC

▶ With \$7.6B in total assets and a team of 130+ professionals, PSEC is one of the oldest and largest publicly traded BDCs ► Established 20-year track record that predates the Global Financial Crisis **LONG HISTORY** ▶ Invested over \$21B since inception across over 400 investments, exiting over 300 of these investments LARGE SCALE ► Scale allows PSEC to target larger, more credit-worthy middle-market companies ▶ BDC industry innovator with a long list of firsts by a BDC – convertible bond, medium term program notes, bond ATM, equity ATM, BDC acquisition, traded perpetual preferred, programmatic perpetual preferred, and others ▶ Strategy focused on risk reduction, capital preservation, and avoidance of "yield chasing" investments ▶ Intensive screening process (<2% book-to-look ratio) with a majority focus on senior and secured lending ▶ 117 portfolio investments in 33 different industries (with a particular focus on less cyclical industries) ▶ Portfolio comprised of 82% first lien, secured, or underlying secured assets ► Non-accrual loans remain low at 0.5% ▶ PSEC's payment-in-kind interest can be an efficient funding mechanism for certain portfolio companies making accretive investments in their business with valuations substantially above PSEC's debt cost basis INVESTMENT ▶ Low cross-correlation investment strategies: middle-market lending (52%), middle-market lending / buyout (19%), real estate (19%), **PORTFOLIO** and subordinated structured notes (6%)(1) ▶ Diversified real estate platform (NPRC) with 61 properties with standalone non-recourse financing and strong rent and net operating income (NOI) growth NPRC focuses on various classes of developed and occupied real estate properties that generate current yields, including multi-family properties, student housing, and senior living, with a prioritization of properties that have historically attractive occupancy rates and recurring cash flow generation Since 2020, NPRC has invested \$381M to acquire 27 new properties, as well as making additional investments to upgrade existing properties and drive increased NOI growth

PSEC OVERVIEW (CONTINUED)

Prospect Capital Corporation (PSEC) is the Largest Multi-Line BDC

FOUNDATION	 Retired multiple upcoming bond maturities and, as of today, PSEC has no debt maturing in CY2024 and only \$160M of remaining bond maturities until 2026 Net debt leverage has remained low at 0.44x⁽¹⁾ Access to diversified funding sources across multiple investor bases with an emphasis on unsecured term debt, representing 76% of all Prospect's indebtedness Low unfunded commitments at 0.6% of total assets Net investment income less preferred dividends exceeded cash common distributions by 107% for LTM September 2024
ATTRACTIVE RETURNS	 94% of total investment income for the September 2024 quarter from interest income Monthly dividend of \$0.045/common share; current annualized dividend yield 10.4%⁽²⁾ Since PSEC's inception in 2004 through January 2025 declared distribution, PSEC will have distributed \$4.4B and \$21.25 per share to common shareholders – 2.6x September 2024 NAV per share and 4.1x the stock price on 11/6/2024⁽³⁾ Strong insider ownership of 27% (\$0.9B of net asset value)

PROSPECT CAPITAL

PSEC HIGHLIGHTS

Management Team (30+ Years, 27% Ownership)

Rigorous Risk Management with Low 0.5% Non-Accrual Loans and <2% Book to Look Ratio

Highly Institutionalized Organization with 130+ Employees

5.7x Middle-Market Portfolio Net Leverage and \$105M EBITDA Avg

5 Corporate Credit Ratings

PROSPECT CAPITAL

Investment Portfolio with 117
Investments Across 33 Industries

\$7.6B Multi-Strategy Approach with Multiple Origination Strategies

Low 44% Company Net Debt to Equity Leverage

Over \$21B Cumulative Investments with over 300 Exits

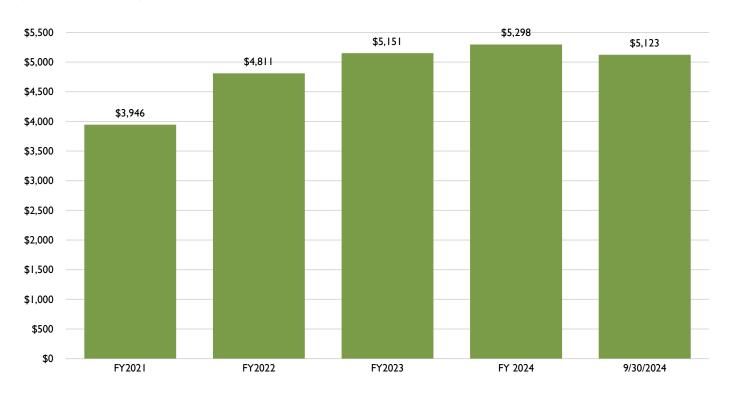
Diversified, Well Laddered, and Unsecured Funding with \$4.9B of Unencumbered Assets

SIGNIFICANT SCALE PROVIDES COMPETITIVE ADVANTAGE

- ▶ PSEC is one of the oldest and largest publicly traded BDCs with capital of \$9.2 billion⁽¹⁾
- ▶ Strategy focused on risk reduction, capital preservation, and avoidance of "yield chasing" investments

TOTAL EQUITY

(FY as of 9/30, \$ in millions)



EXPERIENCED AND BROAD TEAM

With Over 130 Professionals, Prospect has One of the Largest Teams Focused on the Middle Market

SENIOR EXECUTIVES

John Barry - Chairman and CEO

- ➤ Co-founder of PSEC
- ➤ 46 years of experience, including Merrill Lynch, Rothschild and Davis Polk
- ▶ JD Harvard, AB Princeton

Grier Eliasek – President and COO

- Co-founder of PSEC
- 28 years of experience; previously a consultant at Bain & Company
- ► MBA Harvard, BS Chemical Engineering University of Virginia

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Kristin Van Dask - CFO

- ➤ Joined Prospect Capital Management in 2008
- 23 years of experience, including an investment advisor, E&Y and Arthur Andersen
- ► BS Towson University

Daria Becker - Head of Administration

- ➤ Joined Prospect Capital Management in 1998
- ➤ 39 years of experience, including Lexington, Citigroup and a family office
- ► BA Wellesley College

INVESTMENT TEAM

Investment Professionals

55

CLIENT ADVISORY & IR

Client Advisory & Investor Relations Professionals

FINANCE, ACCOUNTING, TAX

Finance,
Accounting, and
Tax Professionals

LEGAL

12

Legal Professionals

ADMINISTRATION

Administration Professionals 28

130+ person organization helps drive originations through superior scale and market coverage

Source: Company filings, management.

LOW CORRELATION INVESTMENT STRATEGIES

MIDDLE-MARKET LENDING – 52%

- U.S. companies with EBITDA typically up to \$150M
- Senior and secured loans with third-party first loss equity
- Sole / lead investor focus with repeat business
- Sponsor-owned and non-sponsor-owned companies
- Diverse portfolios by borrower and industry

\$15.0B	19	340
INVESTED	YEAR TRACK	INVESTMENTS
	RECORD	

MIDDLE-MARKET LENDING / BUYOUT – 19%

- U.S. companies with EBITDA typically up to \$150M
- Senior and secured loans plus control private equity
- High current income plus equity upside (barbell income)

\$1.6B	21	16
INVESTED	YEAR TRACK	INVESTMENTS
	RECORD	

SUBORDINATED STRUCTURED NOTES – 6%

- Primary and secondary investments relative value
- Majority and minority investments benefits to each
- Diverse underlying portfolios, BDC 30% basket
- Prospect LTM default rate 15% lower than market⁽¹⁾

\$1.7B	14	48
INVESTED	YEAR TRACK	INVESTMENTS
	RECORD	

REAL ESTATE - 19%

- Primarily multifamily properties with value-add potential
- Class B/C properties in secondary/tertiary markets
- Garden-style low-rise and mid-rise properties
- Subordination of third-party cash flows
- High current income plus equity upside (49 exits)

\$1.6B	12	110
INVESTED	YEAR TRACK	INVESTMENTS
	RECORD	

SUPERIOR DEAL FLOW AND DISCIPLINED EXECUTION

3,000+ Opportunities Sourced Annually with <2% of Initially Screened Investments Advancing to Closing

SYSTEMATIC CALLING EFFORT

- ▶ PE sponsors
 - 100+ top tier relationships
- ▶ Other intermediaries
 - ~3,200 total
- Syndication/Club relationships

COLD-CALLING EFFORT

- Small-to-mid cap companies with identified financing needs
- Dedicated in-house call center
- ► Proprietary deal flow

MANAGEMENT RELATIONSHIPS

- From past and present portfolio companies
- Add-on investments, new investments, assistance with due diligence and postclosing value add

CONTACT DATABASE

- ➤ 40,000+ contacts built over two decades
- ▶ Receive all transaction announcements, resulting in both inbound opportunities and top-of-mind awareness

IN-BOUND OPPORTUNITIES

- From scale, longevity, and visibility of PSEC
- ▶ \$9.2 billion of capital⁽¹⁾

Disciplined underwriting and execution helps to keep credit losses low

ORIGINATE

SCREEN
3,000+/year

STRUCTURE
200-300/year

CLOSE
20-40/year

MONITOR
117 portfolio
investments

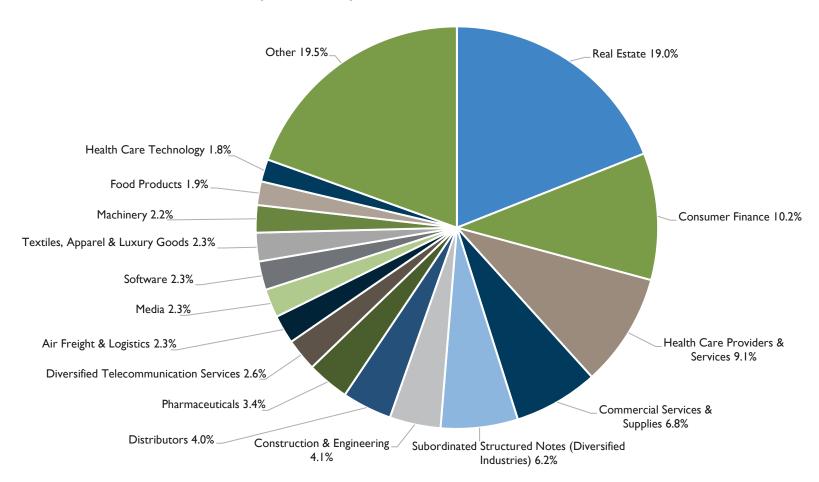
Over 300 since
inception

PORTFOLIO OVERVIEW

- ▶ \$7.6 billion total assets, including 117 investments
- ➤ Secured investment focus with 76% of portfolio comprised of 1st lien and other secured debt
- ▶ 82% underlying secured asset mix
- ▶ 11.8% annualized current yield across performing interest bearing investments
- ▶ 9.7% annualized current yield across all investments
- ▶ 94% interest income as a percentage of total investment income
- ▶ 5.7x middle-market portfolio net leverage⁽¹⁾
- ▶ \$105 million middle-market portfolio EBITDA⁽¹⁾
- Portfolio is invested across 33 industries
- ▶ PSEC is the sole or lead investor in 78% of overall portfolio

PORTFOLIO INVESTED IN 33 DIFFERENT INDUSTRIES

PSEC's Portfolio at Fair Value (9/30/2024)



Source: Company filings, management.

RIGOROUS AND INDEPENDENT VALUATION PROCESS

INDEPENDENT	► Every investment is valued quarterly and has been valued since inception at fair value by a third-party
THIRD-PARTY VALUATION	➤ Third-party valuation agents complete a review of all investments on an independent basis (i.e., not merely on a "positive / negative assurance review" or "sampling" basis)
SENIOR PORTFOLIO MANAGER	➤ Preliminary valuation discussions are documented and discussed with senior Prospect Capital Corporation management
AUDIT COMMITTEE	➤ PSEC's Independent Audit Committee reviews the preliminary valuations, including asking questions and receiving supplemental information as required by PSEC's Audit Committee
	➤ PSEC's Independent Audit Committee approves all valuations
PSEC'S BOARD OF DIRECTORS	➤ PSEC's majority independent board of directors determines the fair value of each investment in the portfolio based on the third-party valuations and recommendations from PSEC's Audit Committee
	► To date, the Board's final valuations have never been outside the range provided by the third-party valuation firm

Source: Company filings, management.

DIVERSIFIED FUNDING SOURCES

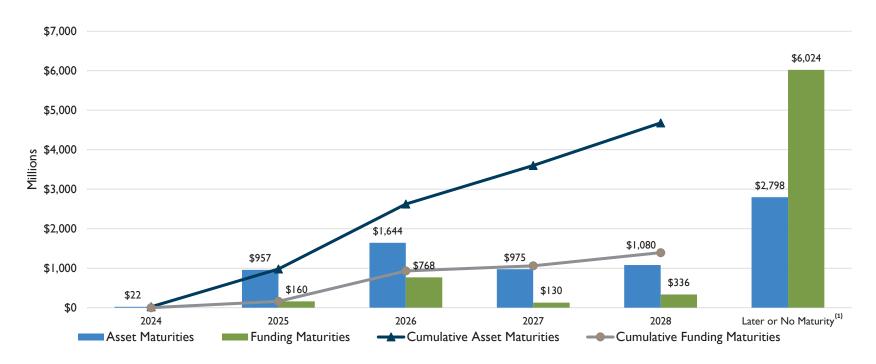
- ► Access to diversified funding sources across multiple investor bases
- ▶ Emphasis on unsecured term debt with no financial covenants or cross defaults with revolving credit facility
- ▶ PSEC's corporate credit rating is BBB- by Kroll, BBB(low) by DBRS, Ba1 by Moody's, BB+ by S&P, and BBB by Egan-Jones

ISSUANCE	ORIGINAL AMOUNT (millions)	OUTSTANDING (millions)	MATURITY
SENIOR SECURED CREDIT FACILITY(1)	\$2,121.5	\$547.2	6/28/2029
SENIOR UNSECURED INSTITUTIONAL TERM DEBT ▶ January 2021 ▶ May 2021 ▶ September 2021	\$400.0 \$300.0 \$300.0	\$387.7 \$300.0 \$300.0	1/22/2026 11/15/2026 10/15/2028
SENIOR UNSECURED CONVERTIBLE NOTES ▶ February 2019	\$201.3	\$156.2	3/1/2025
SENIOR UNSECURED RETAIL NOTES ► Prospect Capital InterNotes®	\$645.3	\$603.3	Feb 2025 - Mar 2052

LONG-TERM, MATCHED-BOOK FUNDING LOCKS IN ATTRACTIVE SPREADS

PSEC's Well-Laddered Funding Sources Match the Tenor of its Investments

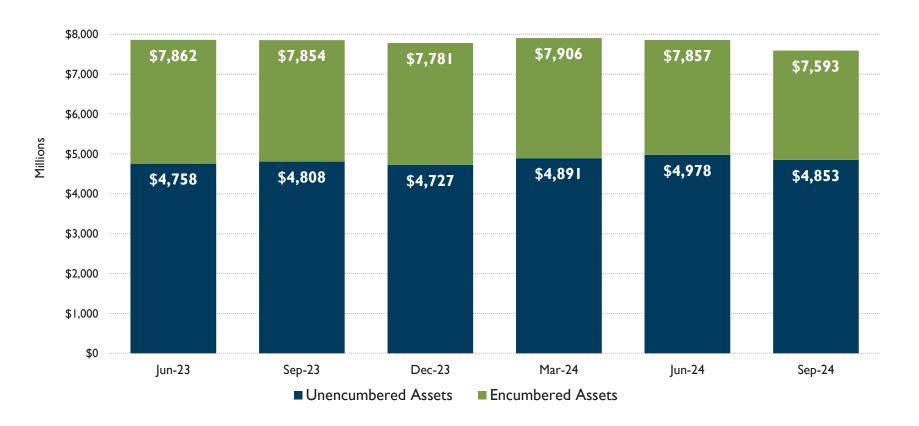
- ▶ Maturity date for revolving credit facility is June 2029; average daily utilization rate of 23.7% since 2011
- ▶ \$5.1 billion of PSEC's funding is in the form of equity, which does not mature
- ▶ Unsecured bonds have 3.9 year weighted average remaining term



Source: Company filings and management.

UNENCUMBERED ASSETS PROVIDE FINANCIAL FLEXIBILITY

Approximately \$4.9 Billion of Unencumbered Assets, Representing 64% of Total Assets as of 9/30/2024



High level of unencumbered assets reduces risk in the event of a market downturn

Source: Company filings, management.

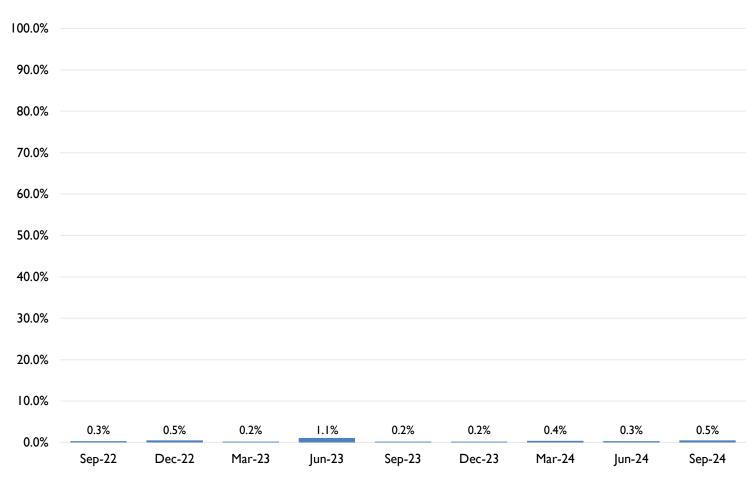
PRUDENT NET DEBT LEVERAGE

PSEC's Net Debt Leverage Has Remained Low at 0.44x as of 9/30/2024



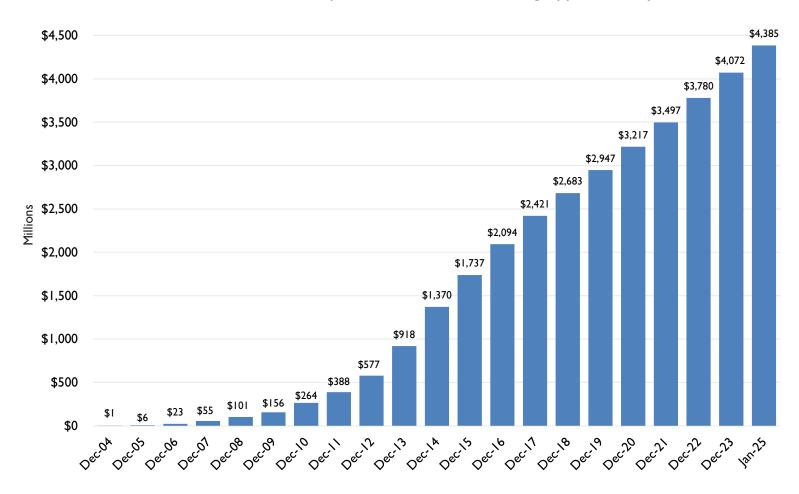
LOW NON-ACCRUALS

PSEC's Non-Accrual Loans Have Remained Low at 0.5% as of 9/30/2024



PSEC CUMULATIVE DISTRIBUTIONS TO SHAREHOLDERS

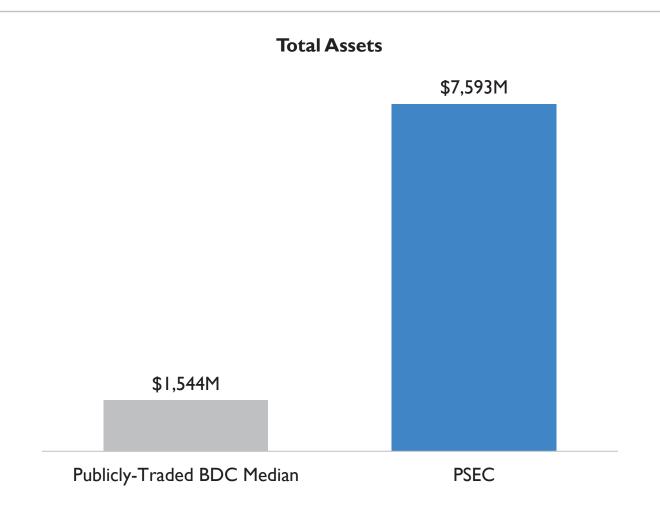
Declared Cumulative Distributions of \$21.25 per Common Share Totaling Approximately \$4.4 Billion Since 2004 IPO



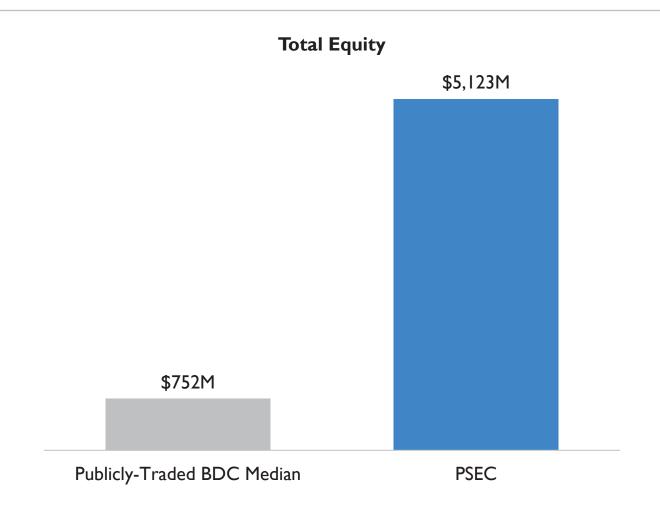


DIFFERENTIATED PERFORMANCE

PSEC'S SIGNIFICANT SCALE PROVIDES COMPETITIVE ADVANTAGE

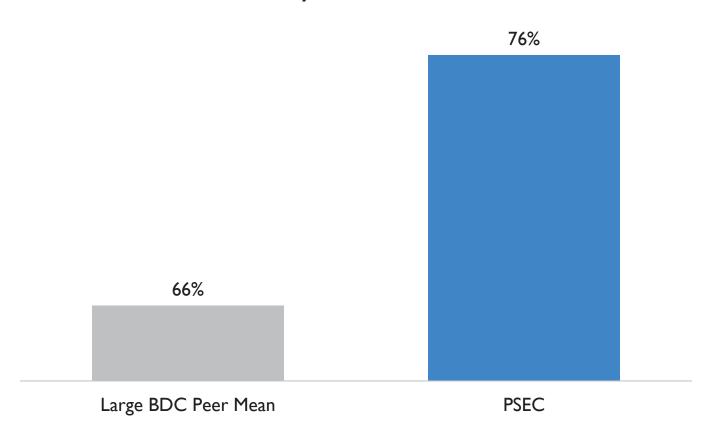


PSEC'S SIGNIFICANT SCALE PROVIDES COMPETITIVE ADVANTAGE



PRUDENT ASSET SELECTION TO PROTECT NAV

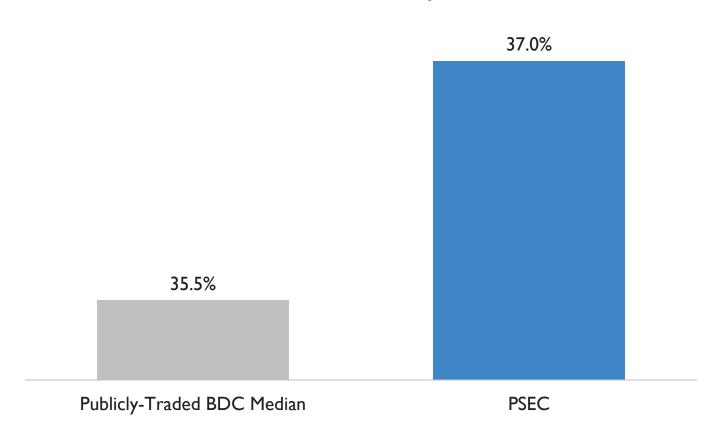
Non-Cyclical Investments



Source: PSEC analysis of public filings including the 5 largest listed BDC peers by total assets. PSEC as of 9/30/2024. Peer data for the quarter ending 6/30/2024; data may be materially different for the quarter ending 9/30/2024. Non-cyclical investments produce or distribute a good or service with recurring demand, and therefore are not correlated with the business cycle volatility. See Appendix "Non-Cyclical Investments" herein for further information. Non-Cyclical investments calculated as a percentage of total investment portfolio, measured by fair market value.

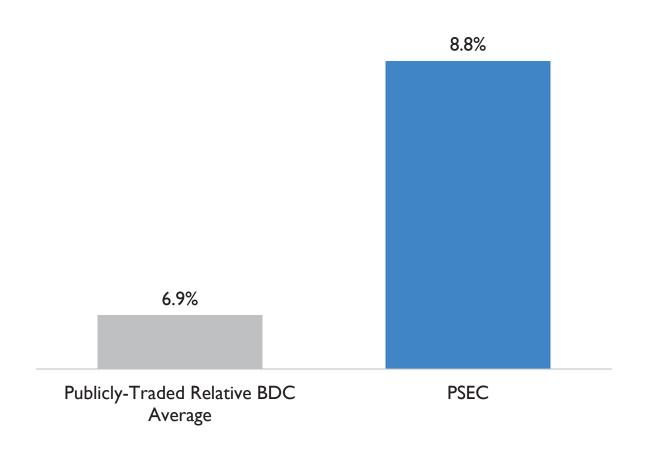
PSEC HAS GENERATED HIGHER TOTAL RETURNS

5-Year Total Increase in NAV plus Dividends

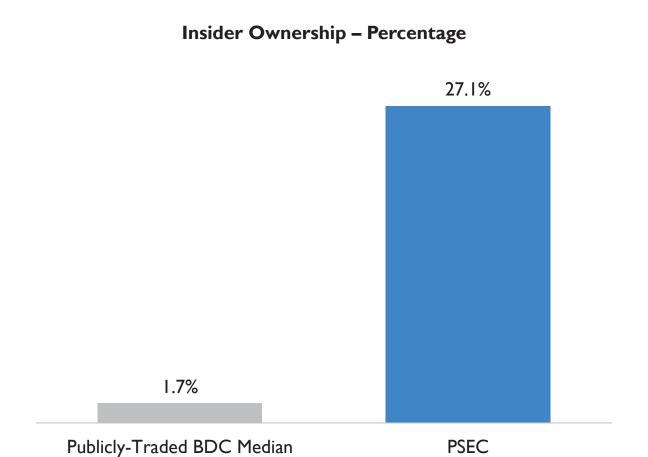


PSEC HAS GENERATED HIGHER EQUITY RETURNS

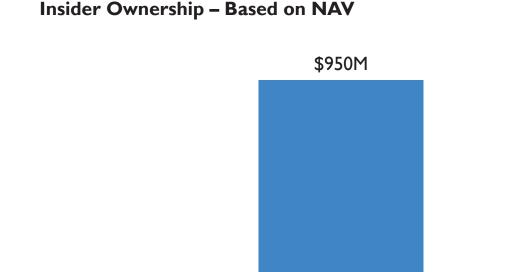
Historical GAAP ROE



SENIOR MANAGEMENT IS A SIGNIFICANT INVESTOR IN PSEC



SENIOR MANAGEMENT IS A SIGNIFICANT INVESTOR IN PSEC



Publicly-Traded BDC Median

\$8M

PSEC

PROSPECT CAPITAL

APPENDIX

FINANCIAL HIGHLIGHTS

In thousands, except per share data

Statement of Operations	Quarter ended September 30, 2024	Quarter ended June 30, 2024	Quarter ended March 31, 2024	Quarter ended December 31, 2023	Quarter ended September 30, 2023
Total investment income	\$196,308	\$212,260	\$202,215	\$210,942	\$236,245
Total operating expenses	106,431	109,338	107,840	114,015	110,633
Net investment income	89,877	102,922	94,375	96,927	125,612
Net realized and unrealized gain (loss) on investments & extinguishment of debt	(223,889)	(73,366)	49,986	(124,671)	(8,951)
Net increase (decrease) in net assets resulting from operations attributable to common stockholders	(165,069)	(9,050)	113,891	(51,436)	94,011
Net increase (decrease) in net assets resulting from operations per common share (basic and diluted)	(0.38) (0.38)	(0.02) (0.02)	0.27 0.20	(0.13) (0.13)	0.23 0.18
Net investment income per common share	0.21	0.25	0.23	0.24	0.31
Distributions per common share	\$0.18	\$0.18	\$0.18	\$0.18	\$0.18
Statement of Assets and Liabilities	Quarter ended September 30, 2024	June 30, 2024	March 31,2024	December 31, 2023	September 30, 2023
Total investments at fair value	\$7,476,641	\$7,718,243	\$7,806,712	\$7,631,846	\$7,736,817
Cash and cash equivalents	57,022	85,872	53,480	97,289	68,907
Total assets	7,592,705	7,857,092	7,905,794	7,781,214	7,853,828
Revolving credit facility borrowings	547,231	794,796	906,376	864,049	915,021
Total liabilities	2,469,590	2,559,171	2,603,811	2,596,824	2,602,715
Total equity	5,123,115	5,297,921	5,301,983	5,184,390	5,251,113
Net asset value per common share	8.10	8.74	\$8.99	\$8.92	\$9.25

PUBLICLY TRADED BDCs

TOPIC	KEY CHARACTERISTICS
INVESTMENT STRATEGY	 Current-yielding credit investments primarily in middle-market companies
	➤ To a lesser extent, other current-yielding investments
REGULATION	► Regulated as a Business Development Company ("BDC") under Investment Company Act of 1940
	 Generally BDCs elect to be treated as a Regulated Investment Company ("RIC") for U.S. federal income tax purposes
INVESTMENTS LIMITATIONS	▶ Generally, at least 70% of a BDC's assets must be investments in U.S. non-financial sector operating companies that either have (a) no class of securities listed on a national securities exchange (i.e., private) or (b) a market cap less than \$250 million
LEVERAGE LIMITATION ⁽¹⁾	➤ 2:1 debt-to-equity ratio (i.e., gross asset coverage must be at least 150%)
DIVERSIFICATION REQUIREMENTS ⁽²⁾	At least 50% of a BDC's assets must consist of securities of an issuer in which the BDC owns less than 10% of the voting stock and in which the investment is less than 5% of the value of the BDC's assets
INCOME RESTRICTIONS ⁽²⁾	 At least 90% of BDC income must be from investment sources such as interest, dividends, and gains / losses associated with investments in equity, debt, or other securities
DISTRIBUTION	▶ Must distribute at least 90% of taxable income to avoid U.S. federal income tax on all taxable income
REQUIREMENTS ⁽²⁾	 Not subject to U.S. federal income tax on the income and net capital gains distributed to stockholders (provided that the above distribution requirement is met)
VALUATION	► Must mark portfolio to fair value on a quarterly basis for GAAP ⁽³⁾ purposes

⁽¹⁾ Effective 3/23/2018, the Small Business Credit Availability Act permits a BDC to change its asset coverage ratio from 200% to 150%.

⁽²⁾ Above criteria apply to BDCs that elect RIC treatment for U.S. federal income tax purposes.

⁽³⁾ GAAP is defined as Generally Accepted Accounting Principles.

MIDDLE-MARKET LOAN PORTFOLIO COMPANY WEIGHTED AVERAGE EBITDA AND NET LEVERAGE

Middle-Market Loan Portfolio Company Weighted Average ("Middle-Market Portfolio Net Leverage") and Middle-Market Loan Portfolio Company Weighted Average EBITDA ("Middle-Market Portfolio EBITDA") provide clarity into the underlying capital structure of PSEC's middle-market loan portfolio investments and the likelihood that PSEC's overall portfolio will make interest payments and repay principal.

Middle-Market Portfolio Net Leverage reflects the net leverage of each of PSEC's middle-market loan portfolio company debt investments, weighted based on the current fair market value of such debt investments. The net leverage for each middle-market loan portfolio company is calculated based on PSEC's investment in the capital structure of such portfolio company, with a maximum limit of 10.0x adjusted EBITDA. This calculation excludes debt subordinate to PSEC's position within the capital structure because PSEC's exposure to interest payment and principal repayment risk is limited beyond that point. Additionally, subordinated structured notes, other structured credit, real estate investments, investments for which EBITDA is not available, and equity investments, for which principal repayment is not fixed, are also not included in the calculation. The calculation does not exceed 10.0x adjusted EBITDA for any individual investment because 10.0x captures the highest level of risk to PSEC. Middle-Market Portfolio Net Leverage provides PSEC with some guidance as to PSEC's exposure to the interest payment and principal repayment risk of PSEC's overall debt portfolio. PSEC monitors its Middle-Market Portfolio Net Leverage on a quarterly basis.

Middle-Market Portfolio EBITDA is used by PSEC to supplement Middle-Market Portfolio Net Leverage and generally indicates a portfolio company's ability to make interest payments and repay principal. Middle-Market Portfolio EBITDA is calculated using the EBITDA of each of PSEC's middle-market loan portfolio companies, weighted based on the current fair market value of the related investments. The calculation provides PSEC with insight into profitability and scale of the portfolio companies within our overall debt investments.

These calculations include addbacks that are typically negotiated and documented in the applicable investment documents, including but not limited to transaction costs, share-based compensation, management fees, foreign currency translation adjustments and other nonrecurring transaction expenses.

Together, Middle-Market Portfolio Net Leverage and Middle-Market Portfolio EBITDA assist PSEC in assessing the likelihood that PSEC will timely receive interest and principal payments. However, these calculations are not meant to substitute for an analysis of PSEC's our underlying portfolio company debt investments, but to supplement such analysis.

NON-CYCLICAL INVESTMENTS

Non-Cyclical investments provide insight into the composition of an investment portfolio. Non-cyclical investments produce or distribute a good or service with recurring demand, and therefore are not correlated with the business cycle volatility.

Non-Cyclical investments are calculated as a percentage of a total investment portfolio across the peers described below measured by fair market value.

BDC peers use varying industry classifications to define their respective portfolio's. PSEC management views the following industries as non-cyclical:

- PSEC industry classifications: Capital markets, commercial services & supplies, consumer finance, diversified consumer services, diversified telecommunication services, equity real estate investment trusts (REITs), food products, health care providers & services, health care technology, interactive media & services, IT services, media, personal care products, pharmaceuticals, professional services, software, and structured finance.
- BDC A industry classifications: Commercial services & supplies, containers and packaging, diversified consumer services, diversified telecommunication services, electric utilities, health care equipment & supplies, health care providers & services, health care technology, insurance, IT services, media, professional services, and software.
- BDC B industry classifications: Beverages, biotechnology, capital markets, commercial services and supplies, containers and packaging, diversified consumer services, diversified telecommunications services, food and staples retailing, food products, healthcare equipment and supplies, healthcare providers and services, health care technology, household products, insurance, IT services, life sciences tools & services, media, personal products, pharmaceuticals, professional services, software, and water utilities.
- BDC C industry classifications: Advertising and media, buildings and real estate, business services, consumer products, containers and packaging, education, food and beverage, healthcare equipment and services, healthcare providers and services, healthcare technology, household products, insurance, internet software and services, professional services, and telecommunications.
- BDC D industry classifications: Software & services, healthcare services, commercial & professional services, insurance services, consumer durables & apparel, consumer services, media & entertainment, food & beverage, and consumer staples distribution and retail.
- BDC E industry classifications: Commercial & professional services, consumer durables & apparel, consumer services, consumer staples distribution and retail, equity real estate investment trusts (REITs), food, beverage & tobacco, health care equipment & services, household & personal products, insurance, media & entertainment, pharmaceuticals, biotechnology & life sciences, software & services, and telecommunication services.