GOLUB CAPITAL BDC, INC.

EARNINGS PRESENTATION

QUARTER ENDED SEPTEMBER 30, 2023



Disclaimer

Some of the statements in this presentation constitute forward-looking statements, which relate to future events or our future performance or financial condition. The forward-looking statements contained in this presentation involve risks and uncertainties, including statements as to: our future operating results; our business prospects and the prospects of our portfolio companies, including our and their ability to achieve our respective objectives due to disruptions, including those caused by global health pandemics, such as the COVID-19 pandemic, or other large scale events; the effect of investments that we expect to make and the competition for those investments; our contractual arrangements and relationships with third parties; actual and potential conflicts of interest with GC Advisors LLC ("GC Advisors"), our investment adviser, and other affiliates of Golub Capital LLC (collectively, "Golub Capital"); the dependence of our future success on the general economy and its effect on the industries in which we invest: the ability of our portfolio companies to achieve their objectives; the use of borrowed money to finance a portion of our investments; the adequacy of our financing sources and working capital; the timing of cash flows, if any, from the operations of our portfolio companies; general economic and political trends and other external factors, changes in political, economic or industry conditions, the interest rate environment or conditions affecting the financial and capital markets that could result in changes to the value of our assets, elevating levels of inflation, and its impact on us, on our portfolio companies and on the industries in which we invest; the ability of GC Advisors to locate suitable investments for us and to monitor and administer our investments; the ability of GC Advisors or its affiliates to attract and retain highly talented professionals; the ability of GC Advisors to continue to effectively manage our business due to disruptions, including those caused by global health pandemics, such as the COVID-19 pandemic, or other large scale events; turmoil in Ukraine and Russia, including sanctions related to such turmoil, and the potential for volatility in energy prices and other supply chain issues and any impact on the industries in which we invest; our ability to qualify and maintain our qualification as a regulated investment company and as a business development company; the impact of information technology systems and systems failures, including data security breaches, data privacy compliance, network disruptions, and cybersecurity attacks; general price and volume fluctuations in the stock markets: the impact on our business of the Dodd-Frank Wall Street Reform and Consumer Protection Act and the rules and regulations issued thereunder and any actions toward repeal thereof; and the effect of changes to tax legislation and our tax position.

GOLUB CAPITAL

Such forward-looking statements may include statements preceded by, followed by or that otherwise include the words "may," "might," "will," "intend," "should," "could," "can," "would," "expect," "believe," "estimate," "anticipate," "predict," "potential," "plan" or similar words.

We have based the forward-looking statements included in this presentation on information available to us on the date of this presentation. Actual results could differ materially from those anticipated in our forward-looking statements and future results could differ materially from historical performance. We undertake no obligation to revise or update any forward-looking statements, whether as a result of new information, future events or otherwise. You are advised to consult any additional disclosures that we make directly to you or through reports that we have filed or in the future file with the Securities and Exchange Commission ("SEC"), including annual reports on Form 10-K, registration statements on Form N-2, quarterly reports on Form 10-Q and current reports on Form 8-K.

This presentation contains statistics and other data that have been obtained from or compiled from information made available by third-party service providers. We have not independently verified such statistics or data.

In evaluating prior performance information in this presentation, you should remember that past performance is not a guarantee, prediction, or projection of future results, and there can be no assurance that we will achieve similar results in the future.

Summary of Financial Results

FY 2023 Q4 Earnings Review (Quarter Ended 9/30/23)

| Earnings Summary | Adjusted net investment income per share of \$0.50, or an 13.3% NII ROE^{1,2} Increase of \$0.06 from \$0.44 per share for the quarter ended June 30, 2023 (~13% increase) Increase of \$0.17 from \$0.33 per share for the quarter ended September 30, 2022 (~52% increase) Adjusted earnings/(loss) per share of \$0.60, or a 16.0% Adjusted ROE^{1,3} Adjusted net realized/unrealized gain (loss) per share of \$0.10¹ Key drivers of record profitability: Impact of higher base rates Impact of base management fee reduction to 1.0% from 1.375% effective July 2023 contributed \$0.02 to adjusted earnings/(loss) per share Strong credit quality and reversal of prior unrealized depreciation on investments |
|----------------------------|--|
| Portfolio & Credit Quality | \$129.6MM in new investment commitments, \$71.5MM funded at close Net funds reduction of \$8.4MM Credit performance was solid in general; non-accruals decreased to 1.2% of total debt investments at fair value, and internal performance ratings remained stable⁴ |
| Balance Sheet Update | Net asset value of \$15.02 per share, an increase of 1.3% from \$14.83 as of June 30, 2023 Total available liquidity of \$873 million Leverage (net of available cash) was 1.21x; 46% of debt funding mix is unsecured debt |
| Dividend Policy | Declared quarterly distribution of \$0.37 per share for FY 2024 Q1; quarterly distribution coverage remains strong at 135%⁵ Declared supplemental distribution for FY 2023 Q4 of \$0.07 per share⁶ Total announced distributions of \$0.44 per share (11.7% dividend yield on 9/30/23 NAV) |

1. As a supplement to GAAP financial measures, the Company is providing additional non-GAAP measures. See the slide titled "Endnotes – Non-GAAP Financial Measures" at the end of this presentation for further description on the non-GAAP financial measures.

2. Adjusted net investment income return on equity is calculated as (1) (a) the adjusted net investment income per share (b) annualized by multiplying by four and (2) divided by the estimated net asset value per share.

3. Adjusted return on equity is calculated as (1) (a) the adjusted earnings/(loss) per share (b) annualized by multiplying by four and (2) divided by the estimated net asset value per share.

4. Please see page titled, "Portfolio Highlights - Portfolio Ratings".

5. Represents adjusted net investment income before accrual (reversal) for capital gain incentive fee per share divided by base quarterly distribution declared per share.

6. Please see page titled, "Common Stock and Distribution Information" for payment dates of quarterly and supplemental dividends.

Summary of Financial Results vs. Prior Quarter

| | Quarte | r Ended |
|---|---------------|--------------------|
| | June 30, 2023 | September 30, 2023 |
| Net Investment Income Per Share | | |
| Net investment income per share | \$0.43 | \$0.49 |
| Amortization of purchase premium per share ¹ | 0.01 | 0.01 |
| Adjusted net investment income per share ² | \$0.44 | \$0.50 |
| Accrual (reversal) for capital gain incentive fee per share | _ | |
| Adjusted net investment income before accrual for capital gain incentive fee per share ³ | \$0.44 | \$0.50 |
| Net Realized/Unrealized Gain (Loss) Per Share | | |
| Net realized/unrealized gain (loss) per share | \$0.00* | \$0.11 |
| Net reversal of realized/unrealized loss resulting from the purchase price premium per share 1 | (0.01) | (0.01) |
| Adjusted net realized/unrealized gain (loss) per share ² | (\$0.01) | \$0.10 |
| Earnings Per Share | | |
| Earnings (loss) per share | \$0.43 | \$0.60 |
| Adjusted earnings (loss) per share ² $(A + B)$ | \$0.43 | \$0.60 |
| Net Asset Value Per Share | \$14.83 | \$15.02 |

* Represents an amount less than \$0.01.

1. On September 16, 2019, Golub Capital BDC, Inc. ("we", "us", "our", the "Company" or "GBDC") completed the acquisition of Golub Capital Investment Corporation ("GCIC"). Purchase premium refers to the premium paid by GBDC to acquire GCIC in excess of the fair value of the assets acquired.

2. Due to the purchase accounting for the GCIC acquisition, as a supplement to U.S. generally accepted accounting principles ("GAAP") financial measures, the Company is providing additional non-GAAP measures. See the slide titled "Endnotes - Non-GAAP Financial Measures" at the end of this presentation for further description on the non-GAAP financial measures.

 The Company believes providing Adjusted Net Investment Income before the accrual for capital gain incentive fee per share under GAAP is a useful non-GAAP financial measure as a portion of such capital gain incentive fee accrual is not contractually payable under the terms of the Company's Investment Advisory Agreement. See the slide titled "Endnotes - Non-GAAP Financial Measures" at the end of this presentation for further description on the non-GAAP financial measures.

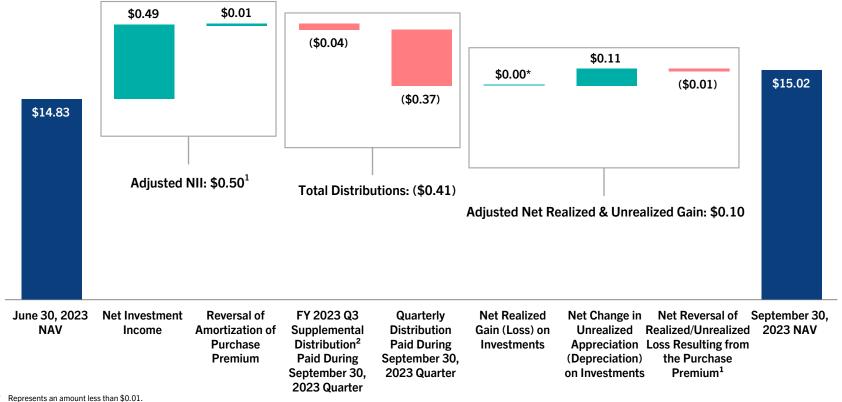


GBDC Performance Drivers

 $\mathbf{02}$

NII Drove a NAV Per Share Increase from June 30, 2023

NAV Per Share Bridge



1. As a supplement to GAAP financial measures, the Company is providing additional non-GAAP measures. See the slide titled "Endnotes - Non-GAAP Financial Measures" at the end of this presentation for further description on the non-GAAP financial measures.

2. Refer to slide 23 for supplemental distribution supporting calculation.

Summary of Financial Results for the Quarter Ended September 30, 2023

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Summary of Quarterly Results

| | | | Quarter Ended | | |
|--|--------------------|-------------------|----------------|---------------|--------------------|
| | September 30, 2022 | December 31, 2022 | March 31, 2023 | June 30, 2023 | September 30, 2023 |
| Net Investment Income Per Share | | | | | |
| Net investment income per share | \$0.32 | \$0.36 | \$0.41 | \$0.43 | \$0.49 |
| Amortization of purchase premium per share ¹ | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Adjusted net investment income per share ¹ | \$0.33 | \$0.37 | \$0.42 | \$0.44 | \$0.50 |
| Accrual (reversal) for capital gain incentive fee per share | — | — | — | — | — |
| Adjusted net investment income before accrual (reversal) for capital gain incentive fee per share 1 | \$0.33 | \$0.37 | \$0.42 | \$0.44 | \$0.50 |
| Net Realized/Unrealized Gain (Loss) Per Share | | | | | |
| Net realized/unrealized gain (loss) per share | (\$0.27) | (\$0.21) | (\$0.07) | \$0.00* | \$0.11 |
| Net reversal of realized/unrealized loss resulting from the purchase premium per ${\rm share}^1$ | (0.01) | (0.01) | (0.01) | (0.01) | (0.01) |
| Adjusted net realized/unrealized gain (loss) per share ¹ B | \$(0.28) | (\$0.22) | (\$0.08) | (\$0.01) | \$0.10 |
| Earnings (Loss) Per Share | | | | | |
| Earnings (loss) per share | \$0.05 | \$0.15 | \$0.34 | \$0.43 | \$0.60 |
| Adjusted earnings (loss) per share $\mathbf{A} + \mathbf{B}$ | \$0.05 | \$0.15 | \$0.34 | \$0.43 | \$0.60 |
| Net Asset Value Per Share | \$14.89 | \$14.71 | \$14.73 | \$14.83 | \$15.02 |
| Distributions paid per share | \$0.30 | \$0.33 | \$0.33 | \$0.33 | \$0.41 |

* Represents an amount less than \$0.01.

1. As a supplement to GAAP financial measures, the Company is providing additional non-GAAP measures. See the slide titled "Endnotes - Non-GAAP Financial Measures" at the end of this presentation for further description on the non-GAAP financial measures.



Portfolio Highlights - New Originations

- Total investments at fair value decreased by approximately 0.2%, or \$8.4 million, during the three months ended September 30, 2023.

| | | | Quarter Ended | | |
|---|--------------------|-------------------|----------------|---------------|--------------------|
| | September 30, 2022 | December 31, 2022 | March 31, 2023 | June 30, 2023 | September 30, 2023 |
| Select Portfolio Funds Roll Data (in millions) | | | | | |
| New Investment Commitments | \$176.7 | \$247.0 | \$157.4 | \$110.7 | \$129.6 |
| Exits and Sales of Investments | 305.6 | 253.8 | 140.2 | 113.2 | 119.3 |
| Net Funds Growth ¹ | (167.2) | 5.6 | 34.4 | 38.7 | (8.4) |
| Asset Mix of New Investments | | | | | |
| Senior Secured | 7% | 3% | 0% | 1% | 10% |
| One Stop | 91% | 93% | 98% | 99% | 80% |
| Junior Debt ² | 0% | 0%* | 0% | 0% | 8% |
| Equity and Other Investments | 2% | 4% | 2% | 0%* | 2% |
| Portfolio Rotation - Debt Investments | | | | | |
| Weighted average rate on new investments ³ | 9.0% | 11.1% | 11.8% | 12.0% | 11.8% |
| Weighted average spread over the applicable base rate of new floating rate investments $\!\!\!^4$ | 6.2% | 6.7% | 7.1% | 6.6% | 6.1% |
| Weighted average interest rate on investments that $paid-off^5$ | 7.5% | 9.0% | 10.3% | 10.3% | 10.7% |
| Weighted average fees on new investments | 1.2% | 1.8% | 1.8% | 1.6% | 1.6% |

* Represents an amount less than 1%

1. Net funds growth includes the impact of new investments and exits of investments as noted in the table above, as well as other variables such as net funding on revolvers, net change in unamortized fees, net change in unrealized appreciation (depreciation), etc.

2. Junior Debt is comprised of subordinated debt and second lien loans.

3. Weighted average interest rate on new loan investments is based on the contractual interest rate at the time of funding. For variable rate loans that have a Secured Overnight Financing Rate ("SOFR"), Prime or an applicable foreign base rate for loans denominated in foreign currency, the contractual rate is calculated using the current applicable base rate, the spread over the applicable base rate and the impact of any floor. For positions that have a SOFR and Prime rate option, the contractual rate is calculated using current SOFR at the time of funding, the spread over SOFR and the impact of any SOFR floor. For fixed rate loans, the contract rate is the stated fixed rate.

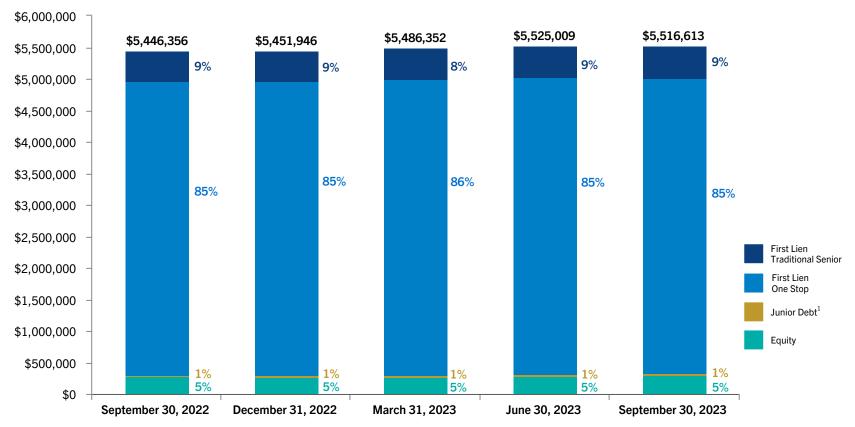
4. Weighted average spread over the applicable base rate of new floating rate loan investments is based on the contractual interest rate spread at the time of funding. Applicable base rates include SOFR, Prime and applicable foreign base rates for loans denominated in foreign currency. For variable rate loans that have a SOFR and Prime rate option, the SOFR spread was used in the calculation. For variable rate loans that only have a Prime rate option, the Prime spread was used.

5. Excludes the write-off of non-accrual assets. During the quarter ended March 31, 2023, the weighted average interest rate on investments that paid-off was elevated due to the payoff of an investment with a higher interest rate.



Portfolio Highlights – Investment Mix

 The portfolio continues to be focused on first lien, senior secured loans to what we believe to be healthy, resilient middle market companies backed by strong, partnership-oriented private equity sponsors.

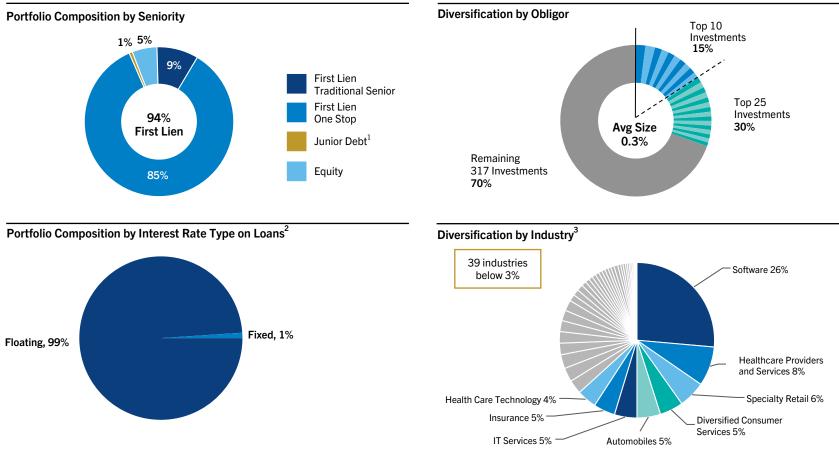


Historical Investment Portfolio (\$000)

1. Junior Debt is comprised of second lien and subordinated debt.

Portfolio Highlights – Portfolio Diversity as of September 30, 2023

Investment Portfolio \$5,517mm | 342 Investments | Average Size 0.3%

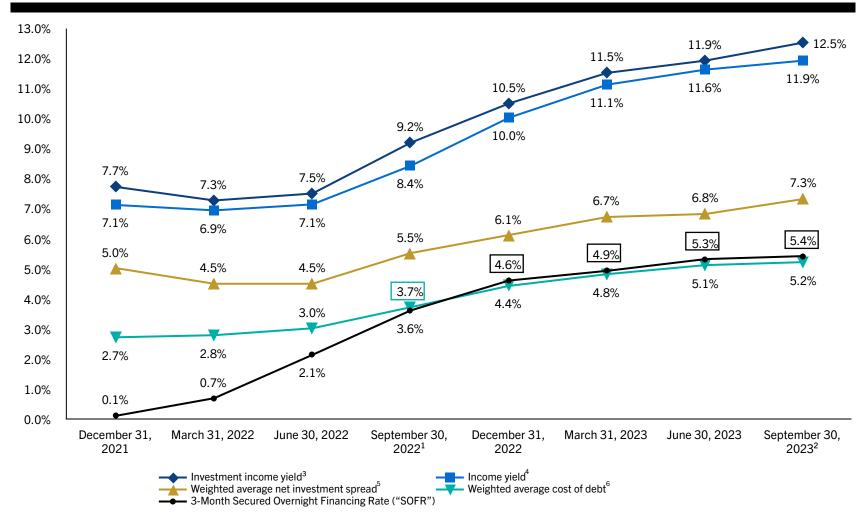


1. Junior debt is comprised of second lien and subordinated debt.

2. The percentage of fixed rate and floating rate loans is calculated using total debt investments at fair value and excludes equity investments.

3. Based on S&P 2018 industry code. The largest industries represented as a percentage of the portfolio at fair value are labeled. All other industry segments are each below 3%.

Portfolio Highlights – Economic Analysis: Positioned for Higher Interest Rates



See the slide titled "Endnotes - Portfolio Highlights Economic Analysis" at the end of this presentation for footnotes.

Portfolio Highlights - Credit Quality

- Fundamental credit quality as of September 30, 2023 remained strong with 85% of the investments in our portfolio at fair value having an Internal Performance Rating¹ of 4 or higher as of September 30, 2023.
- Non-accrual investments at September 30, 2023 as a percentage of total debt investments at cost and fair value decreased from the prior quarter to 1.6% and 1.2%, respectively.
- During the quarter ended September 30, 2023, the number of non-accrual investments remained at nine investments, as the return to accrual status of one portfolio company investment was offset by the addition of one portfolio company investment to non-accrual status.

| | | | Quarter Ended | | |
|---|--------------------|-------------------|----------------|---------------|--------------------|
| | September 30, 2022 | December 31, 2022 | March 31, 2023 | June 30, 2023 | September 30, 2023 |
| Non-Accrual - Debt Investments | | | | | |
| Non-accrual investments at amortized cost (000s) | \$96,956 | \$145,572 | \$142,432 | \$97,658 | \$85,745 |
| Non-accrual investments / total debt investments at amortized cost | 1.8% | 2.7% | 2.6% | 1.8% | 1.6% |
| Non-accrual investments at fair value (000s) | \$65,125 | \$92,224 | \$88,581 | \$80,362 | \$62,937 |
| Non-accrual investments / total debt investments at fair value | 1.3% | 1.8% | 1.7% | 1.5% | 1.2% |
| Fair Value of Debt Investments | | | | | |
| Fair value of total debt investments as a percentage of principal (loans) | 96.6% | 96.0% | 95.9% | 97.0% | 97.1% |

1. Please see Internal Performance Ratings definitions on the following page.



Portfolio Highlights – Portfolio Ratings

Internal Performance Ratings

(% of Portfolio at Fair Value)

| | At Fiscal Year End | | | | | At Qua | rter End | | |
|-------------|--------------------|--------|--------|--------|--------|----------------------|-------------------|------------------|-----------------------|
| Rating | 2018 | 2019 | 2020 | 2021 | 2022 | December 31, 2022 | March 31, 2023 | June 30, 2023 | September 30, 2023 |
| 5 | 6.4% | 2.7% | 6.1% | 10.2% | 4.6% | 2.8% | 1.1% | 1.6% | 0.9% |
| 4 | 81.6% | 88.2% | 72.8% | 80.7% | 86.8% | 86.5% | 85.9% | 84.4% | 84.2% |
| 3 | 11.0% | 7.9% | 19.7% | 8.1% | 7.3% | 9.4% | 11.8% | 13.7% | 14.6% |
| 2 | 1.0% | 1.2% | 1.4% | 1.0% | 1.3% | 1.3% | 1.2% | 0.3% | 0.3% |
| 1 | 0.0%* | 0.0%* | 0.0%* | 0.0%* | 0.0% | 0.0%* | 0.0%* | 0.0% | 0.0% |
| Grand Total | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

Internal Performance Rating Definitions

| Rating | Definition |
|--------|---|
| 5 | Borrower is performing above expectations and the trends and risk factors are generally favorable |
| 4 | Borrower is generally performing as expected and the risk factors are neutral to favorable |
| 3 | Borrower may be out of compliance with debt covenants; however, loan payments are generally not past due |
| 2 | Borrower is performing materially below expectations and the loan's risk has increased materially since origination |
| 1 | Borrower is performing substantially below expectations and the loan's risk has substantially increased since origination |

* Represents an amount less than 0.1%.



Quarterly Statements of Financial Condition

| | | | As of | | |
|---|--------------------|-------------------|----------------|---------------|--------------------|
| | September 30, 2022 | December 31, 2022 | March 31, 2023 | June 30, 2023 | September 30, 2023 |
| (Dollar amounts in 000s, except share and per share data) | (audited) | (unaudited) | (unaudited) | (unaudited) | (audited) |
| Assets | | | | | |
| Investments, at fair value | \$5,446,356 | \$5,451,946 | \$5,486,352 | \$5,525,009 | \$5,516,613 |
| Cash, cash equivalents and foreign currencies | 124,137 | 103,207 | 87,473 | 91,724 | 69,825 |
| Restricted cash, cash equivalents and foreign currencies | 56,416 | 62,826 | 50,223 | 79,314 | 70,381 |
| Other assets | 54,315 | 47,772 | 47,702 | 40,788 | 76,653 |
| Total Assets | \$5,681,224 | \$5,665,751 | \$5,671,750 | \$5,736,835 | \$5,733,472 |
| Liabilities | | | | | |
| Debt | \$3,093,603 | \$3,100,057 | \$3,116,857 | \$3,168,906 | \$3,133,332 |
| Unamortized debt issuance costs | (17,211) | (15,641) | (19,154) | (17,217) | (15,613) |
| Interest payable | 20,384 | 24,942 | 23,574 | 26,175 | 24,749 |
| Management and incentive fee payable | 33,430 | 35,081 | 36,653 | 37,854 | 35,277 |
| Other liabilities | 6,518 | 7,627 | 7,675 | 5,199 | 7,849 |
| Total Liabilities | 3,136,724 | 3,152,066 | 3,165,605 | 3,220,917 | 3,185,594 |
| Total Net Assets | 2,544,500 | 2,513,685 | 2,506,145 | 2,515,918 | 2,547,878 |
| Total Liabilities and Net Assets | \$5,681,224 | \$5,665,751 | \$5,671,750 | \$5,736,835 | \$5,733,472 |
| Net Asset Value per Share | \$14.89 | \$14.71 | \$14.73 | \$14.83 | \$15.02 |
| GAAP leverage | 1.22x | 1.24x | 1.25x | 1.27x | 1.24x |
| Effective leverage, net of available cash ¹ | 1.17x | 1.19x | 1.21x | 1.22x | 1.21x |
| Asset coverage ² | 181.7% | 180.4% | 179.8% | 178.7% | 180.7% |
| Number of shares of common stock outstanding | 170,895,670 | 170,895,670 | 170,144,126 | 169,599,992 | 169,594,742 |

1. Effective leverage, net of available cash is calculated as (a) total debt reduced by cash, cash equivalents and foreign currencies divided by (b) total net assets.

2. Following stockholder approval of the application of the reduced asset coverage requirements available to business development companies to the Company, the minimum asset coverage ratio applicable to the Company decreased to 150% from 200% effective February 6, 2019.



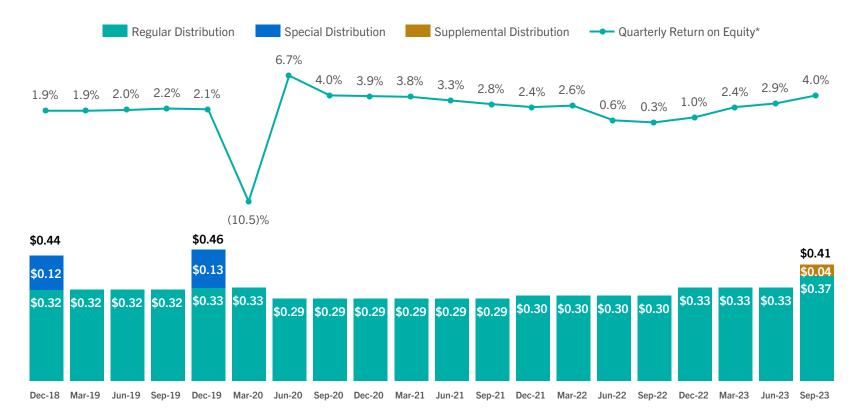
Quarterly Operating Results

| | | | Quarter Ended | | |
|--|--------------------|-------------------|----------------|---------------|--------------------|
| | September 30, 2022 | December 31, 2022 | March 31, 2023 | June 30, 2023 | September 30, 2023 |
| (Dollar amounts in 000s, except share and per share data) | (unaudited) | (unaudited) | (unaudited) | (unaudited) | (unaudited) |
| Investment Income | | | | | |
| Interest income | \$119,925 | \$134,350 | \$143,661 | \$151,937 | \$161,757 |
| GCIC acquisition purchase premium amortization | (2,561) | (2,135) | (1,652) | (1,570) | (1,716) |
| Dividend and fee income | 2,284 | 4,662 | 4,944 | 4,353 | 4,499 |
| Total Investment Income | \$119,648 | \$136,877 | \$146,953 | \$154,720 | \$164,540 |
| Expenses | | | | | |
| Interest and other debt financing expenses | \$28,989 | \$34,245 | \$36,256 | \$39,487 | \$40,622 |
| Base management fee | 19,321 | 19,062 | 18,688 | 18,997 | 14,055 |
| Incentive fee – net investment income | 14,109 | 16,011 | 17,976 | 18,857 | 21,222 |
| Incentive fee – capital gains | — | — | — | _ | — |
| Other operating expenses | 3,196 | 3,696 | 3,595 | 3,601 | 3,950 |
| Total Expenses | 65,615 | 73,014 | 76,515 | 80,942 | 79,849 |
| Income and excise taxes | 72 | 2,200 | 232 | | 1,250 |
| Net Investment Income after Tax | \$53,961 | \$61,663 | \$70,206 | \$73,778 | \$83,441 |
| Net Gain (Loss) on Investments and Foreign Currency | | | | | |
| Net realized gain (loss) on investments and foreign currency transactions | \$2,945 | \$3,294 | (\$4,762) | (\$41,923) | (\$722) |
| Net unrealized appreciation (depreciation) on investments and foreign currency translation | (51,308) | (41,853) | (8,741) | 39,384 | 17,391 |
| Net unrealized appreciation (depreciation) from the GCIC acquisition purchase premium write-down | 2,572 | 2,231 | 1,755 | 1,666 | 1,722 |
| Net gain (loss) on investments and foreign currency | (45,791) | (36,328) | (11,748) | (873) | 18,391 |
| Provision for taxes on realized gain and unrealized appreciation on investments | (87) | 246 | 45 | 78 | (268) |
| Net Increase (Decrease) in Net Assets Resulting from Operations | \$8,083 | \$25,581 | \$58,503 | \$72,983 | \$101,564 |
| Per Share Data | | | | | |
| Net Investment Income Per Share | \$0.32 | \$0.36 | \$0.41 | \$0.43 | \$0.49 |
| Adjusted Net Investment Income before accrual (reversal) for capital gain incentive fee per share 1 | \$0.33 | \$0.37 | \$0.42 | \$0.44 | \$0.50 |
| Earnings (Loss) Per Share | \$0.05 | \$0.15 | \$0.34 | \$0.43 | \$0.60 |
| Adjusted Earnings (Loss) Per Share ¹ | \$0.05 | \$0.15 | \$0.34 | \$0.43 | \$0.60 |
| Distributions Paid | \$0.30 | \$0.33 | \$0.33 | \$0.33 | \$0.41 |
| Weighted average shares of common stock outstanding | 170,895,670 | 170,895,670 | 170,835,435 | 169,980,131 | 169,595,256 |

1. As a supplement to GAAP financial measures, the Company is providing additional non-GAAP measures. See the slide titled "Endnotes - Non-GAAP Financial Measures" at the end of this presentation for further description on the non-GAAP financial measures.

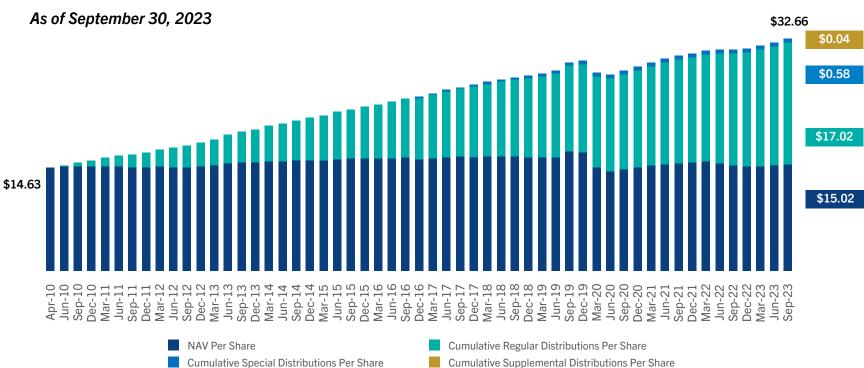
Financial Performance Highlights

Quarterly Return on Equity and Quarterly Distributions (Last 5 Years)



* The quarterly return on equity for the periods up to and including the quarter ended June 30, 2019 are calculated as (a) the net increase in net assets resulting from operations (i.e., net income) for the period presented divided by (b) the daily average of total net assets during the period. The quarterly return on equity for the periods after June 30, 2019 are calculated as (a) Adjusted Net Income for the period, as defined on the slide titled "Endnotes - Non-GAAP Financial Measures" at the end of this presentation, divided by (b) the daily average of total net assets during the period. Adjusted Net Income is a non-GAAP measure and the Company believes this non-GAAP measure is useful as it excludes the non-cash expense/loss from the purchase premium as further described on the slide titled "Endnotes - Non-GAAP Financial Measures" at the end of this presentation. These returns do not represent an actual return to any investor in the Company.

Long History of Strong Shareholder Returns



Investors in GBDC's 2010 IPO have achieved a 9.4% IRR on NAV¹

1. The 9.4% internal rate of return ("IRR") on NAV is calculated using beginning of period NAV, distributions paid during the period and ending period NAV. Period beginning June 30, 2010 and ending September 30, 2023. GBDC made its initial public offering on April 15, 2010. GBDC's 1-, 5- and 10-Year net IRRs are 10.6%, 7.4% and 9.0%, respectively.

Note: Amounts presented represent per share amounts for a hypothetical shareholder that purchased one share in GBDC's initial public offering ("IPO") on April 15, 2010. For illustrative purposes only; does not reflect the actual returns of a specific GBDC investor. Past performance does not guarantee future results.

Sources: SEC filings and Golub Capital analysis



Liquidity and Investment Capacity

Cash and Cash Equivalents

- Unrestricted cash and cash equivalents and foreign currencies totaled \$69.8 million as of September 30, 2023.
- Restricted cash and cash equivalents totaled \$70.4 million as of September 30, 2023. Restricted cash is held in our securitization vehicles and our revolving credit facilities and is reserved for quarterly interest payments and is also available for new investments that qualify for reinvestment by these entities.

Debt Facilities – Availability

- JPM Credit Facility As of September 30, 2023, subject to leverage and borrowing base restrictions, we had \$703.1 million of remaining commitments and availability on our \$1.4875 billion revolving credit facility with JPMorgan.
- GC Advisors Revolver As of September 30, 2023, we had \$100.0 million of remaining commitments and availability on our unsecured line of credit with GC Advisors.

GBDC Has a Stable, Highly Flexible and Low-Cost Funding Structure

GBDC Debt Capital Structure*

| Funding Source | Debt Commitment | Outstanding Par | Undrawn Commitment | Reinvestment Period | Stated Maturity | Interest Rate ¹ |
|-------------------------------|--------------------|--------------------|-----------------------|---------------------|-----------------------------|-----------------------------------|
| Securitizations: | | | | | | |
| 2018 Debt Securitization | \$388,697 | \$388,697 | \$— | January 20, 2023 | January 20, 2031 | 3 Month SOFR + 1.64% |
| GCIC 2018 Debt Securitization | 513,527 | 513,527 | | January 20, 2023 | January 20, 2031 | 3 Month SOFR + 1.51% |
| Unsecured Notes: | | | | | | |
| 2024 Unsecured Notes | 500,000 | 500,000 | — | N/A | April 15, 2024 | 3.375% |
| 2026 Unsecured Notes | 600,000 | 600,000 | — | N/A | August 24, 2026 | 2.500% |
| 2027 Unsecured Notes | 350,000 | 350,000 | — | N/A | February 15, 2027 | 2.050% |
| Bank Facilities: | | | | | | |
| JPMorgan Credit Facility | 1,487,500 | 784,374 | 703,126 | March 17, 2027 | March 17, 2028 ² | 1 Month SOFR + 1.75% ³ |
| GC Advisors Revolver | 100,000 | — | 100,000 | N/A | June 15, 2025 | Applicable Federal Rate |
| Totals: | \$3,939,724 | \$3,136,598 | \$803,126 | | | 5.2 % ⁴ |

GBDC's Investment Grade Ratings Profile Improves Access to Attractive Unsecured Debt

| | Current <u>Rating</u> | Current <u>Rating</u> |
|----------------------|--------------------------|--------------------------|
| Fitch Ratings | BBB- | Positive |
| Moody's | Baa3 | Positive |
| S&P Global | BBB- | Stable |
| | | |

Funding Structure Key Takeaways

- Weighted average cost of debt 5.2%
- **46**% of debt funding from fixed rate unsecured notes with a **2.7**% weighted average coupon and well laddered maturities (primarily long dated with earliest maturity in 2024)
- Total available liquidity of \$873 million
- Available liquidity 4.6x unfunded asset commitments

* Information is presented as of September 30, 2023, except for certain rating agency information which is as of the most recently available date.

1. Interest rate for securitizations represents the weighted average spread over 3-month SOFR for the various tranches of issued notes, excluding tranches retained by the Company. SOFR borrowings under the securitizations are subject to an additional spread adjustment of 0.26161%. The weighted average interest rate for the GCIC 2018 Debt Securitization excludes a \$38.5 million note that has a fixed interest rate of 2.50%. For bank facilities, the interest rate represents the interest rate as stated in the applicable credit agreement.

3. The interest rate on the JPMorgan Credit Facility ranges from 1 month SOFR + 1.75% to 1 month SOFR + 1.875%. The rate displayed corresponds to the interest rate incurred on the most recent borrowing. SOFR borrowings are subject to an additional spread adjustment of 0.10%.

4. Represents the weighted average cost of debt, which is calculated as (a) the actual amount of expenses incurred on debt obligations divided by (b) the daily average of total debt obligations.

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^{2.} One non-extending lender with a total commitment of \$37.5 million has a commitment termination date of February 11, 2025 and final maturity date of February 11, 2026.

Common Stock and Distribution Information

Common Stock Price Data¹

| Fiscal Year Ending September 30, 2022 | High | Low | End of Period |
|---------------------------------------|---------|---------|---------------|
| First Quarter | \$15.99 | \$14.86 | \$15.44 |
| Second Quarter | \$16.10 | \$14.70 | \$15.21 |
| Third Quarter | \$15.48 | \$12.67 | \$12.96 |
| Fourth Quarter | \$14.35 | \$12.21 | \$12.39 |
| Fiscal Year Ending September 30, 2023 | High | Low | End of Period |
| First Quarter | \$14.25 | \$12.46 | \$13.16 |
| Second Quarter | \$14.09 | \$12.38 | \$13.56 |
| Think Overstein | \$13.55 | \$13.02 | \$13.50 |
| Third Quarter | φ13.JJ | \$10.0E | φ10.00 |

Distributions Data

| Date Declared | Record Date | Payment Date | Amount Per Share | Frequency | Total Amount (in 000s) |
|-------------------|-------------------|--------------------|------------------|--------------|------------------------|
| November 19, 2021 | December 10, 2021 | December 30, 2021 | \$0.30 | Quarterly | \$51,008 |
| February 4, 2022 | March 4, 2022 | March 29, 2022 | \$0.30 | Quarterly | \$51,260 |
| May 6, 2022 | June 3, 2022 | June 29, 2022 | \$0.30 | Quarterly | \$51,269 |
| August 5, 2022 | September 2, 2022 | September 29, 2022 | \$0.30 | Quarterly | \$51,269 |
| November 18, 2022 | December 9, 2022 | December 29, 2022 | \$0.33 | Quarterly | \$56,396 |
| February 7, 2023 | March 3, 2023 | March 29, 2023 | \$0.33 | Quarterly | \$56,396 |
| May 5, 2023 | June 2, 2023 | June 29, 2023 | \$0.33 | Quarterly | \$56,066 |
| August 3, 2023 | August 18, 2023 | September 15, 2023 | \$0.04 | Supplemental | \$6,784 |
| August 3, 2023 | September 1, 2023 | September 29, 2023 | \$0.37 | Quarterly | \$62,750 |
| November 17, 2023 | December 1, 2023 | December 15, 2023 | \$0.07 | Supplemental | \$11,872 ² |
| November 17, 2023 | December 8, 2023 | December 29, 2023 | \$0.37 | Quarterly | \$62,750 ² |

1. Based on closing stock price on the Nasdaq Global Market Select.

2. Estimated based on 169,594,742 shares outstanding as of September 30, 2023.

Quarterly Variable Supplemental Distribution Framework

| FY 2023 Q4 Quarterly Variable Supplemental Distribution | Quarter Ended | Quarter Ended |
|--|---------------|--------------------------|
| | June 30, 2023 | September 30, 2023 |
| Quarterly Variable Supplemental Distribution | | |
| Adjusted net investment income per share | \$0.44 | \$0.50 |
| (-) Quarterly distribution paid ¹ | (0.37) | (0.37) |
| Excess adjusted net investment income per share over quarterly distribution paid | \$0.07 | \$0.13 |
| (x) 50.0% of excess | 0.035 | 0.065 |
| Quarterly variable supplemental distribution (rounding 50.0% of excess to nearest \$0.01 per share) | \$0.04 | \$0.07 |
| Net Asset Value Stability Requirement | | |
| Expected reduction in variable supplemental distribution amount if such distribution v two quarters (inclusive of the impact of the variable supplemental distribution) greate | | set value over the prior |
| Net asset value per share (as of September 30, 2023) ^{2,3} | \$14.83 | \$15.02 |
| Net asset value per share (as of March 31, 2023) ^{2,4} | \$14.71 | \$14.73 |
| Net asset value per share appreciation/(depreciation) over prior two quarters | \$0.12 | \$0.29 |
| (-) Quarterly variable supplemental distribution | (0.04) | (0.07) |
| Net asset value per share appreciation/(depreciation) over prior two quarters | \$0.08 | \$0.22 |
| 1% of net asset value limitation of \$14.83 and \$15.02 | \$0.15 | \$0.15 |
| | | |

1. For the quarter ended June 30, 2023, the quarterly variable supplemental distribution declared by our board of directors was based, in part, on the quarterly distribution declared on August 3, 2023, of \$0.37 per share that was paid on September 29, 2023 rather than the \$0.33 per share quarterly distribution paid during the quarter ended June 30, 2023.

In subsequent quarters, the net asset value per share subject to the Net Asset Value Stability Requirement will be adjusted to reflect supplemental distributions paid. For instance, the adjusted net asset value per share as of June 30, 2023, will be \$14.79 to adjust for the supplemental distribution of \$0.04 per share and the adjusted net asset value per share as of September 30, 2023, will be \$14.95 to adjust for the FY23 Q4 supplemental distribution of \$0.07 per share.

3. The calculation for the quarter ended June 30, 2023, reflects the net asset value per share as of June 30, 2023.

4. The calculation for the quarter ended June 30, 2023, reflects the net asset value per share as of December 31, 2022.

Endnotes - Non-GAAP Financial Measures

1. On September 16, 2019, the Company completed its acquisition of GCIC. The merger was accounted for under the asset acquisition method of accounting in accordance with Accounting Standards Codification ("ASC") 805-50, Business Combinations — Related Issues. Under asset acquisition accounting, where the consideration paid to GCIC's stockholders exceeded the relative fair values of the assets acquired, the premium paid by GBDC was allocated to the cost of the GCIC assets acquired by GBDC pro-rata based on their relative fair value. Immediately following the acquisition of GCIC, GBDC recorded its assets at their respective fair values and, as a result, the purchase premium allocated to the cost basis of the GCIC assets acquired was immediately recognized as unrealized depreciation on the Company's Consolidated Statement of Operations. The purchase premium allocated to investments in loan securities will amortize over the life of the loans through interest income with a corresponding reversal of the equity securities at fair value of the GCIC lequity securities and disposition of such equity securities at fair value, the Company will recognize a realized loss with a corresponding reversal of the unrealized depreciation upon disposition of such equity securities acquired.

As a supplement to U.S. generally accepted accounting principles ("GAAP") financial measures, the Company has provided the following non-GAAP financial measures:

- "Adjusted Net Investment Income" and "Adjusted Net Investment Income Per Share" excludes the amortization of the purchase premium from net investment income calculated in accordance with GAAP.
- "Adjusted Net Realized and Unrealized Gain/(Loss)" and "Adjusted Net Realized and Unrealized Gain/(Loss) Per Share" excludes the unrealized loss resulting from the
 purchase premium write-down and the corresponding reversal of the unrealized loss resulting from the amortization of the premium on loans or from the sale of equity
 investments from the determination of realized and unrealized gain/(loss) in accordance with GAAP.
- "Adjusted Net Income" and "Adjusted Earnings/(Loss) Per Share" calculates net income and earnings per share based on Adjusted Net Investment Income and Adjusted Net Realized and Unrealized Gain/(Loss).

The Company believes that excluding the financial impact of the purchase premium in the above non-GAAP financial measures is useful for investors as this is a non-cash expense/ loss and is one method the Company uses to measure its financial condition and results of operations.

In addition to the non-GAAP financial measures above, the Company has provided the non-GAAP financial measure "Adjusted Net Investment Income Before Accrual for Capital Gain Incentive Fee" and "Adjusted Net Investment Income Before Accrual for Capital Gain Incentive Fee Per Share", which excludes the accrual for the capital gain incentive fee required under GAAP (including the portion of such accrual that is not payable under GBDC's investment advisory agreement) from Adjusted Net Investment Income. The Company believes excluding the accrual of the capital gain incentive fee as a non-GAAP financial measure is useful as a portion of such accrual is not contractually payable under the terms of either the Company's current investment advisory agreement with GC Advisors, which was effective September 16, 2019, or its prior investment advisory agreement with GC Advisors, (each an, "Investment Advisory Agreement"). In accordance with GAAP, the Company is required to include aggregate unrealized appreciation on investments in the calculation and accrue a capital gain incentive fee on a quarterly basis as if such unrealized capital appreciation were realized, even though such unrealized capital gain incentive fee actually payable under either Investment Advisory Agreement. As of September 30, 2023, there was no cumulative capital gain incentive fee as capital gain incentive fee as a capital gain incentive fee sa capital gain incentive fee as a capital gain incentive fees in the current Investment Advisory Agreement as of September 30, 2023. Any payment due under the terms of the current Investment Advisory Agreement as of December 31, 2017 and 2018, respectively. The Company did not pay any capital gain incentive fee under the Investment Advisory Agreement as of December 31, 2017 and 2018, respectively. The Company did not pay any capital gain incentive fee under the Investment Advisory Agreement for any period ended prior to December 31, 2017.

Although these non-GAAP financial measures are intended to enhance investors' understanding of the Company's business and performance, these non-GAAP financial measures should not be considered an alternative to GAAP. Refer to slide 'Summary of Quarterly Results' for a reconciliation to the nearest GAAP measures.

2. Purchase premium refers to the premium paid by GBDC to acquire GCIC in excess of the fair value of the assets acquired.

Appendix: Endnotes

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Endnotes - Portfolio Highlights Economic Analysis

- 1. The income yield presented for the quarter ended September 30, 2022 excludes the one-time recognition of \$2.0 million of previously deferred interest income resulting from the repayment and refinancing of former non-accrual loans, which are included in the calculation of the investment income yield for the quarter ended September 30, 2022. The income yield was 8.6% for the quarter ended September 30, 2022, when including the \$2.0 million of interest income.
- 2. The income yield presented for the quarter ended September 30, 2023 excludes the one-time recognition of \$3.7 million of previously deferred interest income resulting from a former non-accrual loan returning to accrual status, which is included in the calculation of the investment income yield for the quarter ended September 30, 2023. The income yield was 12.2% for the quarter ended September 30, 2023, when including the \$3.7 million of interest income.
- 3. Investment income yield is calculated as (a) the actual amount earned on earning investments, including interest and fee income, accrued PIK/non-cash dividend income, and amortization of capitalized fees and discounts, divided by (b) the daily average of total earning investments at fair value. Investment income yield excludes any amortization of purchase price premium as further described in the Endnotes at the end of the presentation.
- 4. Income yield is calculated as (a) the actual amount earned on earning investments, including interest and fee income and accrued PIK/non-cash dividend income but excluding amortization of capitalized fees and discounts, divided by (b) the daily average of total earning investments at fair value. Income yield excludes any amortization of purchase price premium as further described in the Endnotes at the end of the presentation.
- 5. The weighted average net investment spread is calculated as (a) the investment income yield less (b) the weighted average cost of debt.
- 6. The weighted average cost of debt is calculated as (a) the actual amount of expenses incurred on debt obligations divided by (b) the daily average of total debt obligations.