

Midland States Bancorp, Inc. NASDAQ: MSBI

Investor Presentation November 2023





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Use of Non-GAAP Financial Measures. This presentation may contain certain financial information determined by methods other than in accordance with accounting principles generally accepted in the United States ("GAAP"). These non-GAAP financial measures include "Adjusted Earnings," "Adjusted Earnings Available to Common Shareholders," "Adjusted Diluted Earnings Per Share," "Adjusted Return on Average Assets," "Adjusted Return on Average Shareholders' Equity," "Adjusted Return on Average Tangible Common Equity," "Adjusted Pre-Tax, Pre-Provision Income," "Adjusted Pre-Tax, Pre-Provision Return on Average Assets," "Efficiency Ratio," "Tangible Common Equity to Tangible Assets," "Tangible Book Value Per Share," "Tangible Book Value Per Share excluding Accumulated Other Comprehensive Income," and "Return on Average Tangible Common Equity." The Company believes that these non-GAAP financial measures provide both management and investors a more complete understanding of the Company's funding profile and profitability. These non-GAAP financial measures are supplemental and are not a substitute for any analysis based on GAAP financial measures. Not all companies use the same calculation of these measures; therefore this presentation may not be comparable to other similarly titled measures as presented by other companies. Reconciliations of these non-GAAP measures are provided in the Appendix section of this presentation.





Company Snapshot

- Illinois state-chartered community bank founded in 1881
- \$8.0 billion in assets
- \$3.5 billion Wealth Management business
- Commercial bank focused on in-market relationships with national diversification in equipment finance
- 53 branches in Illinois and Missouri
- 16 successful acquisitions since 2008







Financial Highlights as of September 30, 2023

\$8.0 Billion Total Assets	
\$6.3 Billion Total Loans	
\$6.4 Billion Total Deposits	
\$3.5 Billion Assets Under Administration	

YTD ROAA:	1.04%
YTD Return on TCE ⁽¹⁾ :	15.22%
TCE/TA:	6.09%
YTD PTPP ⁽¹⁾ ROAA:	1.70%
Dividend Yield:	5.84 %
Price/Tangible Book:	0.93x
Price/LTM EPS:	5.5x





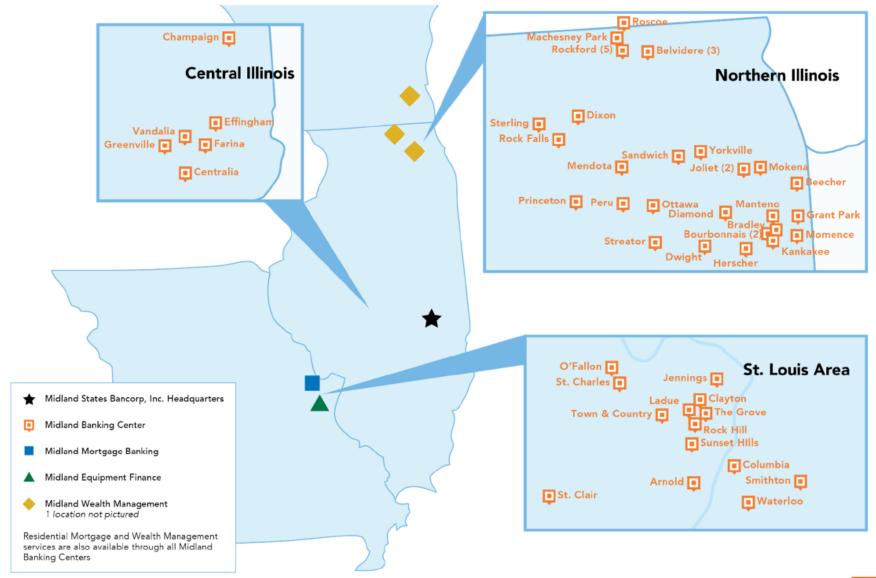
Recent Trends and Operational Highlights

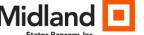
- Profitable growth and improved efficiencies resulting in higher EPS and increased returns over the past few years
- Strengthened commercial banking team and increased presence in faster growing markets driving significant organic loan growth and consistent inflows of new commercial deposits
- More diversified, lower-risk loan portfolio resulting in improved asset quality
- Banking-as-a-Service foundation being developed and expected to start making a contribution in 2024
- Wealth Management business focused on more effectively capitalizing on cross-selling opportunities and increasing organic growth rate
- More conservative approach to new loan production adopted in light of current environment until economic conditions improve
- Well positioned to capitalize on the current environment to add new commercial and retail deposit relationships





Financial Services & Banking Center Footprint







Investment Summary



Consistent track record of driving compelling shareholder returns through disciplined strategic expansion and earnings growth



Proven track record of successful acquisitions with a focus on enhancing shareholder value while building a platform of scalability



Organization-wide focus on expense management driving improvement in operating efficiencies



Illinois and contiguous states provide ample opportunities for future acquisitions



Attractive, stable deposit franchise with core deposits consistently averaging more than 85% of total deposits



Well diversified loan portfolio across asset classes, industries and property types



Leveraging technology to drive revenue growth, increase market share, and enhance the customer experience





Business and Corporate Strategy

Customer-Centric Culture

Drive organic growth by focusing on customer service and accountability to our clients and colleagues; seek to develop bankers who create dynamic relationships; pursue continual investment in people; maintain a core set of institutional values, and build a robust technology platform that provides customers with a superior banking experience

Operational Excellence

A corporate-wide focus on driving improvements in people, processes and technology in order to generate further improvement in Midland's operating efficiency and financial performance

Enterprise-Wide Risk Management

Maintain a program designed to integrate controls, monitoring and risk-assessment at all key levels and stages of our operations and growth; ensure that all employees are fully engaged

Accretive Acquisitions

Maintain experienced acquisition team capable of identifying and executing transactions that build shareholder value through a disciplined approach to pricing; take advantage of relative strength in periods of market disruption

Revenue Diversification

Generate a diversified revenue mix and focus on growing businesses that generate strong recurring revenues such as wealth management







Experienced Senior Management Team



Jeffrey G. Ludwig | President and CEO of Midland States Bancorp

- Assumed Company CEO role in Jan. 2019 after serving as Bank CEO
- More than 10 years serving as CFO
- Joined Midland in 2006; 16+ years in banking industry



Jeffrey S. Mefford | President of Midland States Bank and EVP of Midland States Bancorp

- Joined Midland in 2003
- Appointed Bank President in March 2018
- Oversees all sales activities for commercial, retail, mortgage, wealth management, equipment finance, and treasury management



Douglas J. Tucker | SVP, Corporate Counsel and Director of IR

- 20+ years experience advising banks and bank holding companies
- Significant IPO, SEC reporting and M&A experience
- Joined Midland in 2010



Eric T. Lemke | Chief Financial Officer

- Promoted to Chief Financial Officer in November 2019
- Joined Midland in 2018 as Director of Assurance and Audit
- 25+ years of financial accounting and reporting experience in financial services



Jeffrey A. Brunoehler | Chief Credit Officer

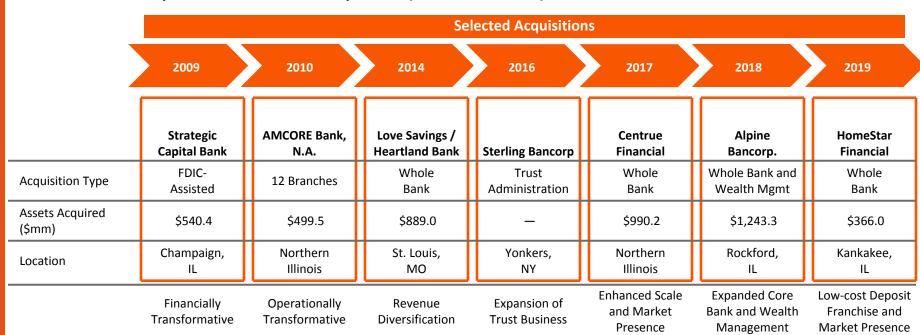
- 30+ years in banking, lending and credit
- Leads the credit underwriting, approval and loan portfolio management functions
- Joined Midland in 2010





Successful Acquisition History

- Midland States has completed 16 transactions since 2008, including FDIC-assisted, branch, whole bank, asset purchase and business line acquisitions, and a New York trust asset acquisition
- Demonstrated history of earnings expansion
- Deliberate diversification of geographies and revenue channels
- Successful post-closing integration of systems and businesses
- Most recent acquisition: FNBC branch acquisition (closed in Q2 2022)







Strategic Initiatives Strengthening Franchise

Significant Corporate Actions Since Coming Public in 2016...

Scale

Action	Strategic Rationale	Financial Impact		
Three whole bank acquisitions	 Low-cost deposits 	Total Assets	2016 \$3.2B	2022 \$7.9B
Four Wealth Management acquisitions	Recurring revenue	AUA	\$1.7B	\$3.5B
Expanded equipment finance group	 Diversify revenue with attractive risk-adjusted yields 	Equipment Finance	\$191M	\$1.1B

Efficiency

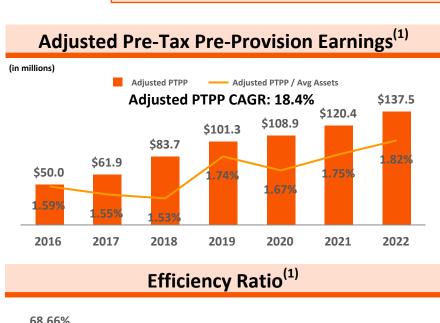
Action	Strategic Rationale	Financial Impact
Branch network and facility reductions	 Increasing adoption of digital 	2016 2022 Efficiency Ratio ⁽¹⁾ 68.66% 55.35%
Accelerate technology investments	 Harness data to drive efficiencies for increased wallet share 	Deposits/Branch \$53M \$120M

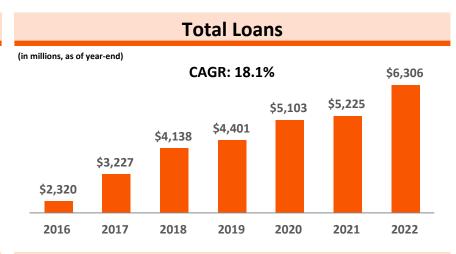




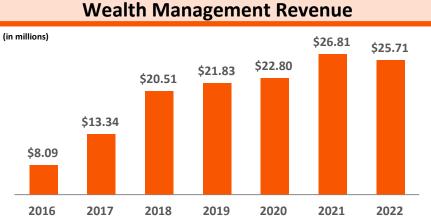
Strategic Initiatives Strengthening Franchise

... Have Produced Improved Growth and Profitability









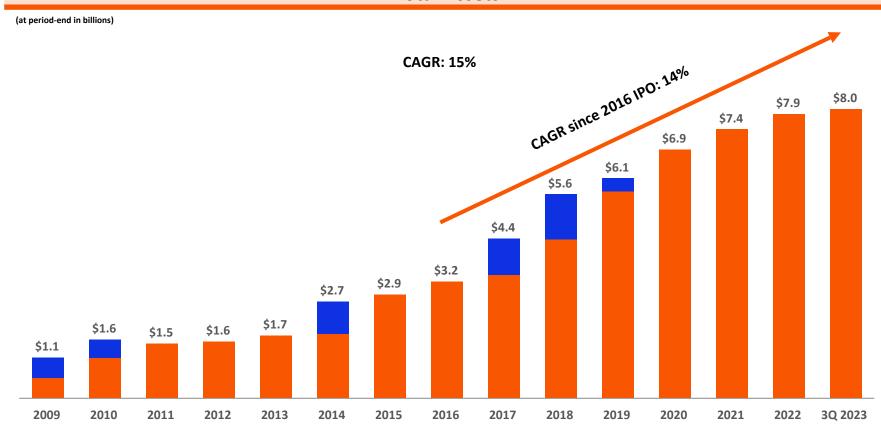


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Successful Execution of Strategic Plan...

Total Assets



Selected Acquisitions: Total Assets at Time of Acquisition (in millions)

Selected Acquisitions

2009: Strategic Capital Bank (\$540)

2014: Love Savings/Heartland Bank (\$889)

2018: Alpine Bancorp (\$1,243)

2010: AMCORE Bank (\$500)

2017: Centrue Financial (\$990)

2019: HomeStar Financial Group (\$366)





...Leads to Creation of Shareholder Value

22 Consecutive Years of Dividend Increases



CAGR: 7.0% \$1.20 \$1.16 \$1.12 \$1.07 \$0.97 \$0.88 \$0.80 2017 2018 2019 2020 2021 2022 3Q 2023

Dividends Declared Per Share

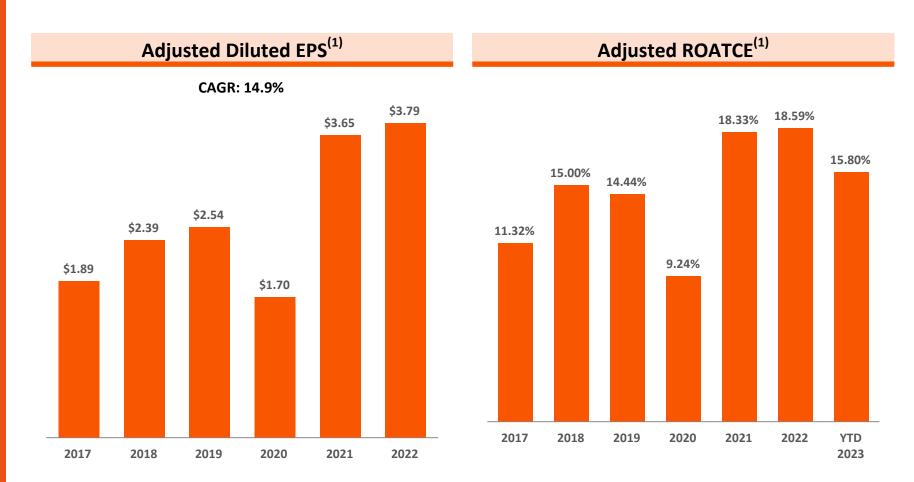


(annualized)

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...And Increased Profitability



Adjusted Diluted EPS data and CAGR through 2022



(1)

Technology Roadmap

Midland's technology investments are enhancing efficiencies, improving client experience, and positively impacting retail deposit gathering and commercial/consumer loan production

Small Business Consumer Commercial Wealth Flexible Overdrafts **Commercial Online Account Opening (Q4 2021)** III ncino. VELOCITY (Q1 2022) Integrated Payables -Near real time ~is **Żelle Payments** (Q4 2021) **payments** (Q1 2021) **Customer Facing** Commercial Relationship pricing Online loan Online Access and **R** blend optimization engine (Q1 2022) Origination (Q1 2021) **Portal** (Q3 2023) **Consumer online** SBB Loan Portal **SBA Loan Portal** MoneyGuide — 5 III ncino. account opening (2020) (Opening May 2023) (2021)Automated analytics-based marketing platform deployed with access to all datasets and all businesses (2020 and on-going) CRM deployed to 700+ front office employees with rich view of the customer, automated leads, and single view of pipelines for executive team (2020) **Retail Banking Needs** Trust Platform (Q1 2024) Self service loan portal and treasury on-boarding **Navigator & Customer** (2021) SS&C | INNOVEST (Black Diamond Incentive Programs (2020, **Five9 Customer Care** RIA Platform (Q3 2023) Five (March 2023) A Black Diamond Fintech Partnerships Established JAM FINTOP (Informatica GreenSky CANAPI Canapi Fund, Alloy, Blend, Plaid, GreenSky, JAM/FINTOP Fund, Informatica **Synctera** Five? TrueDigital Foundational CX Platform Customer Feedback (2020, 2021) Artificial Intelligence (2020, 2021) 200+ RPA "bots" deployed in the last 18 months, AI based solutions applied in Risk Management, Mortgage Operations (Q2 2021), and Cyber Security (UEBA) \odot Silo-elimination and 360 view of customer (2020) Power BI All sales teams on single sales platform using same 360 view of customer SAS' Viva Centralized Data Analytics – Informatica, PowerBI, SAS Viya (2018, 2019, 2020) Oracle data warehouse with 98% of data accessible for analytics across all products, services and channels. Digital Talent (47 FTE) Chief Digital Officer, Director – Strategic Transformation, Director – Strategic Engineering & Development, Director – Banking as a Service, , Lead

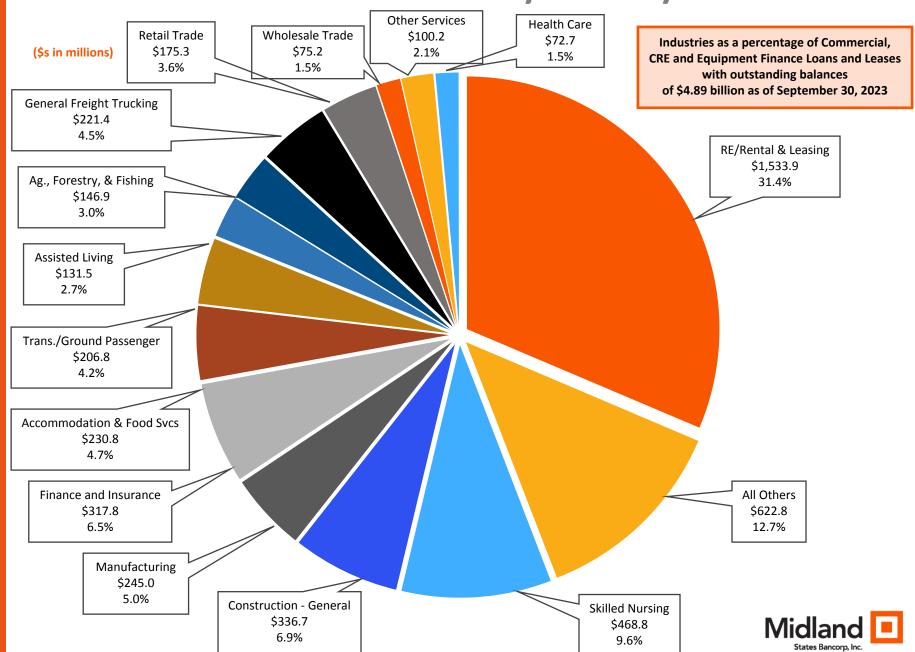
Engineer API Development, Senior Manager - Digital Marketing, Manager - Customer Experience, Board Member - Digital Expertise, Web Development



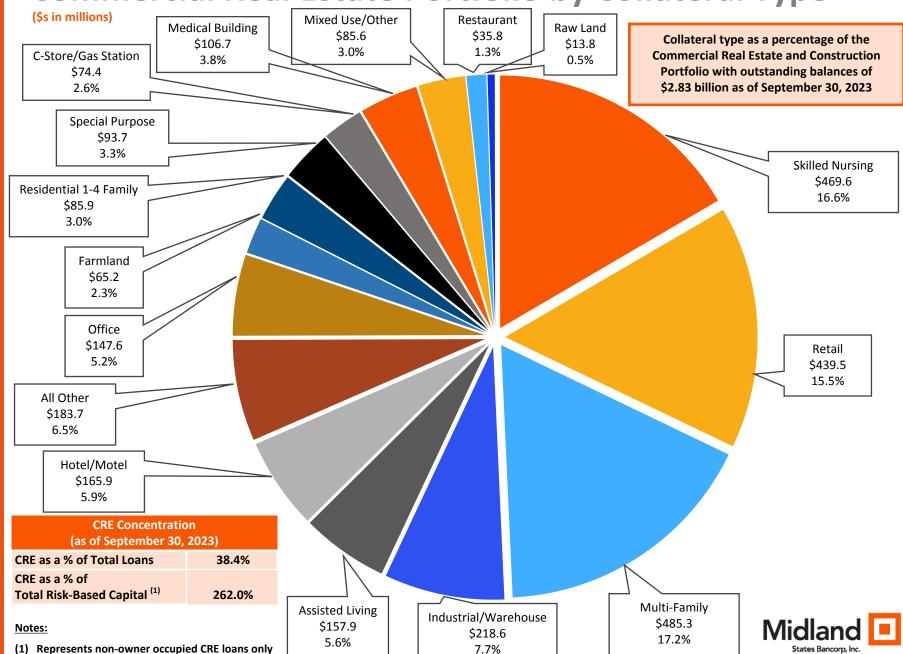
Loan Portfolio and Asset Quality



Commercial Loans and Leases by Industry



Commercial Real Estate Portfolio by Collateral Type



(1) Represents non-owner occupied CRE loans only



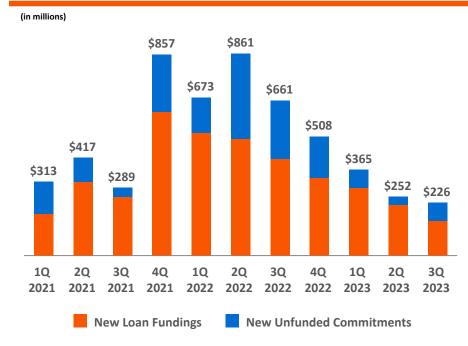


Commercial Loan Growth

More conservative approach to new loan production in light of economic uncertainty has impacted production levels since mid-2022

- New hires and an increase in productivity of the commercial banking group without increasing the size of the business development team
- Addition of expertise in specialty finance and SBA lending
- Increased exposure to higher growth markets in Northern Illinois and St. Louis
- Successfully moving up market and working with larger clients that have greater financing needs
- Effectively leveraging technology investments, including the Salesforce platform, to improve win rate and expand relationships with clients
- New commercial loan production to be funded by planned reduction in consumer portfolio

Commercial and CRE Loan Production







Midland Equipment Finance Portfolio Overview

Portfolio Characteristics (as of September 30, 2023)

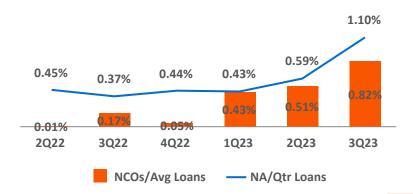
Nationwide portfolio providing financing solutions to equipment vendors and end-users

to equipment tend	
Total Outstanding Loans and Leases	\$1,064.4 million (16.9% of total loans)
Number of Loans and Leases	9,099
Average Loan/Lease Size	\$116,980
Largest Loan/Lease	\$3.5 million
Weighted Average Rate	5.95%
Representative Industries Served	Manufacturing, General Freight Trucking, Construction, Transit and Ground Passenger

Equipment Finance Outstanding Balances

\$985 \$1,035 \$1,108 \$1,142 \$1,115 \$1,064 2022 3022 4022 1023 2023 3023

NCOs/Avg Loans & Non Accruals/Qtr End Loans



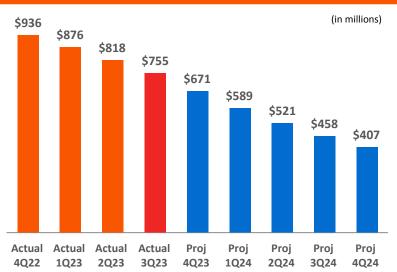




GreenSky Consumer Loan Portfolio Overview

Portfolio Characteristics (as of September 30, 2023)					
Total Outstanding	\$754.7 million (12.0% of total loans)				
Weighted Average Rate	5.58%				
Number of Loans	425,181				
Average Loan Size	\$1,923				
Average FICO Score	775				

Projected GreenSky Balances



Plan with GreenSky to Wind Down Portfolio

- Notice provided to officially terminate the GreenSky program in October 2023
- Reduced loan originations
- Projected portfolio reduction to \$407 million by EOY 2024
- Decrease in portfolio to improve liquidity and capital
- Escrow deposits
 - Escrow deposits absorb losses in excess of cash flow waterfall
 - Escrow account totaled \$33.8 million at 9/30/23 or 4.5% of the portfolio





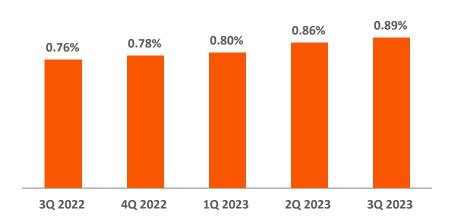
Asset Quality

- Nonperforming loans increased \$1.1 million primarily due to one commercial loan as well as increases in the equipment finance portfolio
- Net charge-offs to average loans was 0.22%
- Provision for credit losses on loans of \$5.2 million, primarily related to increases in past dues for the equipment finance portfolio, other Q factors, and decreases to specific reserves

Nonperforming Loans / Total Loans

NCO / Average Loans

(Total Loans as of quarter-end)



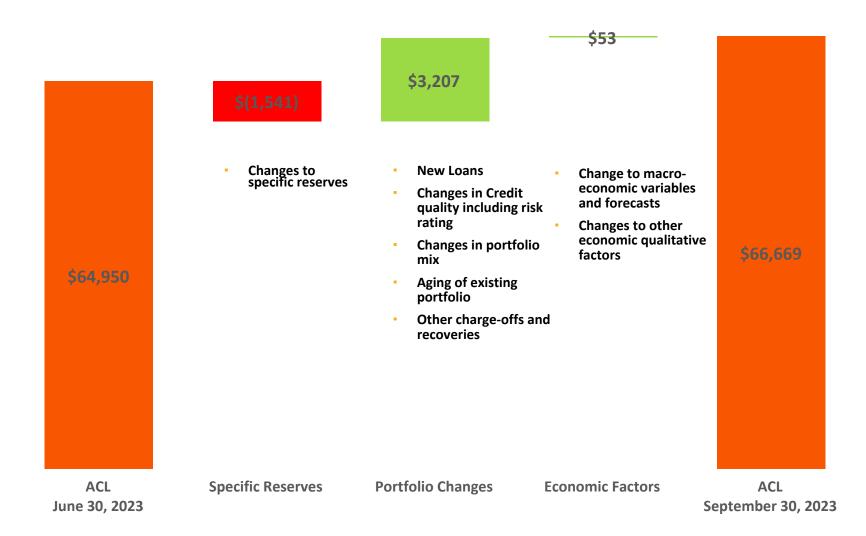






Changes in Allowance for Credit Losses

(\$ in thousands)







ACL by Portfolio

(\$ in thousands) <u>September 30, 2023</u> <u>June 30, 2023</u>

Portfolio	Loans	ACL	% of Total Loans	Loans	ACL	% of Total Loans
Commercial	\$ 874,004	\$ 7,563	0.87 %	\$ 875,295	\$ 5,180	0.59 %
Warehouse Lines	48,547	_	- %	30,522	_	- %
Commercial Other	697,235	11,847	1.70 %	732,616	10,110	1.38 %
Equipment Finance Loans	578,931	11,361	1.96 %	614,633	9,743	1.59 %
Equipment Finance Leases	485,460	9,436	1.94 %	500,485	7,542	1.51 %
CRE non-owner occupied	1,636,168	16,253	0.99 %	1,647,680	20,544	1.25 %
CRE owner occupied	439,642	5,265	1.20 %	453,514	5,711	1.26 %
Multi-family	269,708	2,583	0.96 %	273,939	2,676	0.98 %
Farmland	66,646	510	0.77 %	68,862	494	0.72 %
Construction and Land Development	416,801	3,530	0.85 %	366,631	3,189	0.87 %
Residential RE First Lien	313,638	5,038	1.61 %	311,796	4,952	1.59 %
Other Residential	61,573	660	1.07 %	59,690	599	1.00 %
Consumer	111,432	847	0.76 %	108,619	804	0.74 %
Consumer Other ⁽¹⁾	908,576	3,137	0.35 %	968,217	3,149	0.33 %
Total Loans	6,280,883	66,669	1.06 %	6,367,344	64,950	1.02 %
Loans (excluding BaaS portfolio ⁽¹⁾ and warehouse lines)	5,235,382	63,090	1.21 %	5,276,170	61,436	1.16 %

Notes:



⁽¹⁾ Primarily consists of loans originated through GreenSky relationship



Recent Financial Trends



Overview of 3Q23

Strong Financial Performance

- Net income available to common shareholders of \$15.8 million, or \$0.71 diluted EPS
- 3Q23 results include net loss of \$0.07 per share related to balance sheet repositioning that should increase EPS going forward
- Pre-tax, pre-provision earnings⁽¹⁾ of \$33.1 million
- ROAA of 0.91% and ROTCE of 13.03%

Stable Deposit Base

- Total deposits essentially unchanged from end of prior quarter
- Loan-to-deposit ratio declined to 98% from 99% at end of prior quarter
- · Increase in brokered time deposits to offset other high cost funding

Conservative Underwriting and Pricing Criteria Results in Small Decline in Total Loans

- Selective approach to new loan production in current environment with focus on clients that provide full banking relationships
- New loan production net of payoffs/paydowns in the quarter helped offset continued runoff in GreenSky portfolio and the planned reduction in equipment finance

Stable Asset Quality and Increase in Capital Ratios

- Asset quality metrics relatively consistent with prior quarter
- Strong financial performance and prudent balance sheet management resulted in increase in most capital ratios
- CET1 ratio increased 13bps to 8.16% at the end of the current quarter



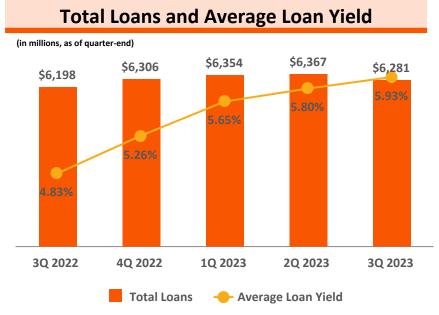
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Loan Portfolio

- Total loans decreased \$86.5 million from prior quarter to \$6.28 billion
- Decrease primarily driven by decline in equipment finance portfolio of \$50.7 million and continued runoff of GreenSky portfolio of \$62.8 million
- Growth in construction portfolio driven by fundings on existing lines, primarily for multifamily
- We expect the equipment finance balances to continue to decrease in order to reduce our concentration within overall loan portfolio

Loan Portfolio Mix								
(in millions, as of quarter-end)	3Q 2023		2	2Q 2023	3	3Q 2022		
Commercial loans and leases	\$	2,057	\$	2,108	\$	1,994		
Commercial real estate		2,412		2,444		2,466		
Construction and land development		417		367		226		
Residential real estate		375		371		356		
Consumer		1,020		1,077		1,156		
Total Loans	\$	6,281	\$	6,367	\$	6,198		
Total Loans ex. Commercial FHA Lines and PPP	\$	6,232	\$	6,337	\$	6,144		







Total Deposits

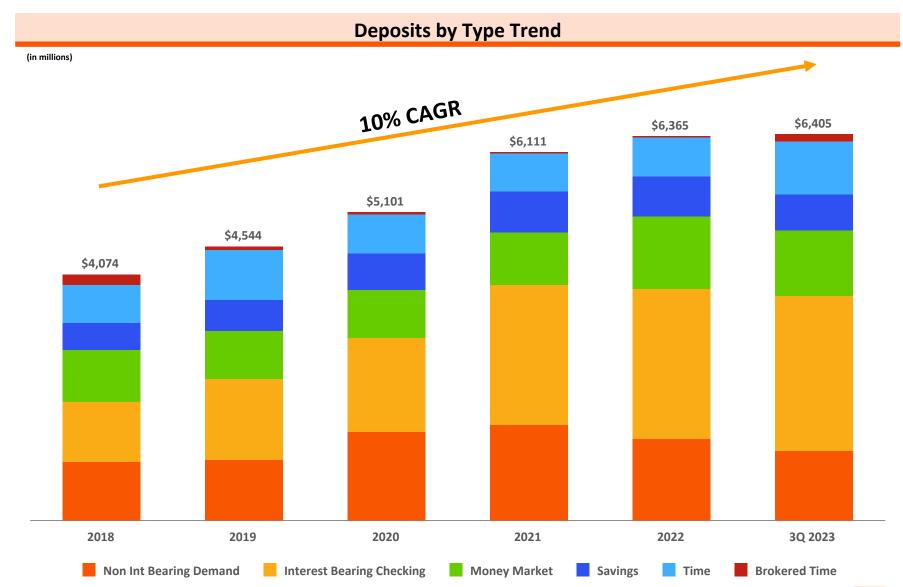
- Total deposits decreased \$21.5 million from end of prior quarter
- Noninterest-bearing deposits relatively stable as continued movement of funds into interest-bearing accounts was offset by new commercial and small business relationships
- Managing rates on deposits in order to continue growing our deposit base through new and expanded relationships with retail and commercial clients
- Increase in brokered CDs replaced other higher cost funding

Deposit Mix							
(in millions, as of quarter-end)	3Q 2023	2Q 2023	3Q 2022				
Noninterest-bearing demand	\$ 1,155	\$ 1,163	\$ 1,362				
Interest-bearing:							
Checking	2,572	2,500	2,568				
Money market	1,091	1,226	1,125				
Savings	582	624	704				
Time	886	841	621				
Brokered time	119	73	14				
Total Deposits	\$ 6,405	\$ 6,427	\$ 6,395				

Total Deposits and Cost of Deposits (in millions, as of quarter-end) \$6,395 \$6,365 \$6,425 \$6,427 \$6,405 2.09% 1.70% 1.23% 2.09% Total Deposits Cost of Deposits



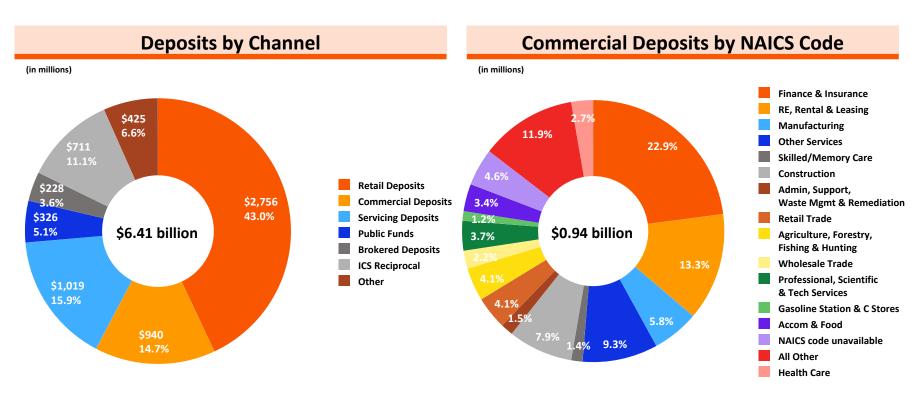
Deposit Type Trend







Deposit Summary as of September 30, 2023



All Other category made up of over 110 NAICS with Regulation of Agricultural Marketing and Commodities being the largest at \$16 million





Uninsured Deposits

Uninsured Deposits								
(in millions)	Septen	nber 30, 2023		June 30, 2023				
Call Report Uninsured Estimate	\$	1,737	\$	1,654				
Call Report Estimated Uninsured Deposits to Total Deposits		27 %		26 %				
Less: Affiliate Deposits (MSB owned funds)		(44)		(30)				
Less: Additional structured FDIC coverage		(49)		(50)				
Less: Collateralized Deposits		(367)		(363)				
Estimated uninsured deposits excluding items above	\$	1,277	\$	1,211				
Estimated Uninsured Deposits to Total Deposits		20 %		19 %				
Total Deposits	\$	6,405	\$	6,427				

Average Deposit Balance per Account = \$34,000





Investment Portfolio

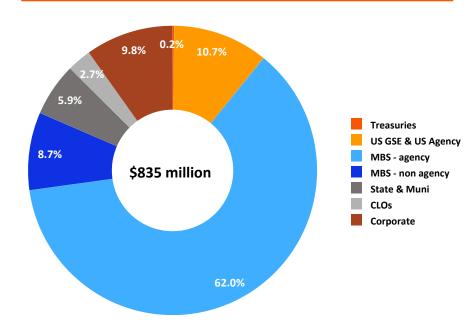
As of September 30, 2023

- All Investments are classified as Available for Sale
- Average T/E Yield is 3.60%
- Average Duration is 5.19 years
- Purchased \$59 million with T/E Yield of 6.07%, Sold \$71 million with T/E Yield of 2.46% in 3Q23

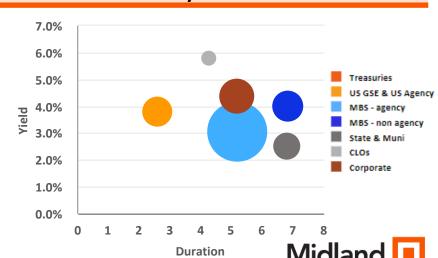
Investment Mix & Unrealized Gain (Loss)

(in millions)						l lanceline d
	F	00			Unrealized Gain (Loss)	
Treasuries	\$	2	\$	2	\$	_
US GSE & US Agency		89		93		(4)
MBS - agency		517		613		(96)
MBS - non agency		73		78		(5)
State & Municipal		50		60		(10)
CLOs		22		23		(1)
Corporate		82		95		(13)
Total Investments	\$	835	\$	964	\$	(129)

Fair Value of Investments by Type



Investments by Yield and Duration





Balance Sheet Repositioning 3Q23

Financial Impact (after tax)		
(in millions)	3	Q2023	n-going nualized
Company-Owned Life Insurance Optimization			
Surrendered policies - \$51 million at 2.19%; tax penalty of \$4.5 million	\$	(4.5)	\$ (1.1)
Purchased policies - \$100 million at 4.56%; enhancement fee of \$6.6 million		6.6	4.6
Net income on company-owned life insurance transactions	\$	2.1	\$ 3.5
Other Balance Sheet repositioning transactions			
Sold investment securities - \$71 million at 2.46%; loss of \$4.9 million	\$	(3.6)	\$ (1.2)
Retired FHLB advances - \$17 million at 5.45%; retired at par		_	0.7
Net loss on other transactions	\$	(3.6)	\$ (0.5)
After tax impact	\$	(1.5)	\$ 3.0
EPS	\$	(0.07)	\$ 0.13

*Approximate 6-month earn-back





Liquidity Overview

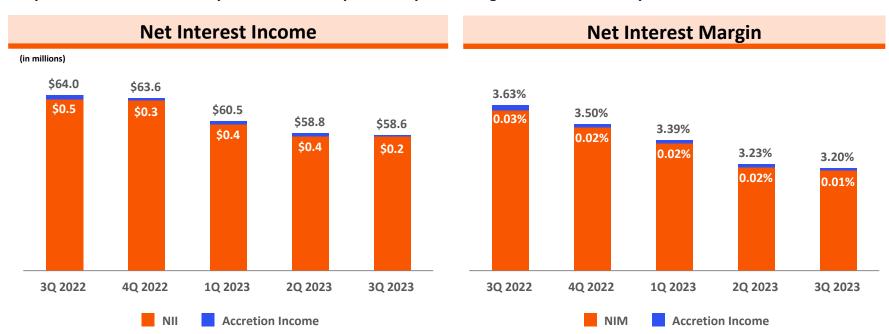
Liquidity Sources										
(in millions)	September 30, 2023			June 30, 2023						
Cash and Cash Equivalents	\$	132.1	\$	160.7						
Unpledged Securities		258.1		343.5						
FHLB Committed Liquidity		883.9		857.2						
FRB Discount Window Availability		759.8		184.1						
Total Estimated Liquidity	\$	2,033.9	\$	1,545.5						
Conditional Funding Based on Market Conditions										
Additional Credit Facility	\$	364.0	\$	330.0						
Brokered CDs (additional capacity)	\$	500.0	\$	400.0						





Net Interest Income/Margin

- Net interest income down slightly from prior quarter as higher average balance of interest-earning assets was
 offset by an increase in cost of interest-bearing liabilities
- As expected, net interest margin stabilized with just a 3 bp decrease from prior quarter as the increase in cost of deposits slightly exceeded the increase in the average yield on earning assets
- Average rate on new and renewed loan originations decreased 15 bps to 7.86% in September 2023 from 8.01% in June 2023
- Net interest margin expected to continue to be relatively stable as the pace of Fed rate increases slow, loan
 portfolio continues to reprice, and the impact of repositioning in the investment portfolio is realized







Loans & Securities - Repricing and Maturity

Total Loans and Leases (net of unearned income)⁽¹⁾

	mil		
un	m	пог	151

As of September 30, 2023	Repricing Term									Rate Structure			
	3 mos or less	3-12 mos	1-3 years	3-5 years	5-10 years	10- yea	_	Over 15 years	Total	Ad	djustable Rate	Fix	ked Rate
Commercial loans and leases	\$ 587	\$ 417	\$ 606	\$ 357	\$ 56	\$	4	\$ 30	\$2,057	\$	616	\$	1,441
Commercial real estate	678	369	668	458	190		15	34	2,412		862		1,550
Construction and land	155	115	97	37	10		_	3	417		277		140
Residential real estate	63	37	44	52	113		49	17	375		176		199
Consumer	255	243	486	29	7		_	_	1,020		1		1,019
Total	\$1,738	\$1,181	\$1,901	\$ 933	\$ 376	\$	68	\$ 84	\$6,281	\$	1,932	\$	4,349
% of Total	28 %	19 %	30 %	15	6 9	, ——	1 %	1 %	100 %		31 %		69 %
Weighted Average Rate	7.59 %	6.02 %	5.30 %	5.17	% 4.71 %	4.	24 %	0.90 % (2)	5.94 %		7.57 %		5.22 %

Investment Securities Available for Sale(3)

(in millions)

As of September 30, 2023

Maturity & Projected Cash Flow Distribution

	1 yea	1 year or less		1-3 years		3-5 years		5-10 years		Over 10 years		Total
Amortized Cost	\$	129	\$	165	\$	141	\$	345	\$	183	\$	963
% of Total		13 %	ı	17 %		15 %		36 %		19 %		100 %

Notes:

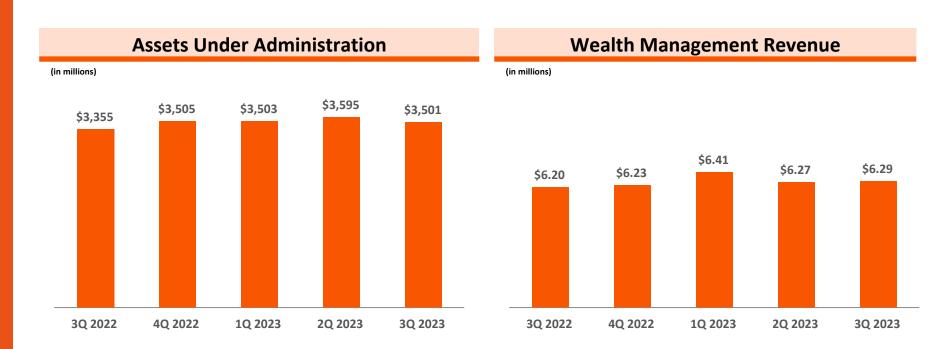
- (1) Based on projected principal payments for all loans plus the next reset for floating and adjustable rate loans and the maturity date of fixed rate loans.
- (2) Over 15 years category includes all nonaccrual loans and leases.
- (3) Projected principal cash flows for securities. Differences between amortized cost and total principal are included in Over 10 years.





Wealth Management

- Assets under administration and Wealth Management fees remained relatively stable from 2Q23 to 3Q23, as declines in market values were partially offset by addition of new client assets from new business development efforts
- Formed Midland Wealth Advisors, a registered investment advisor 2Q23
- Implementing additional technology, expected to go live 4Q23
- Adding to team, including investment officers and wealth advisors, one wealth advisor in 3Q23 with more expected in 4Q23

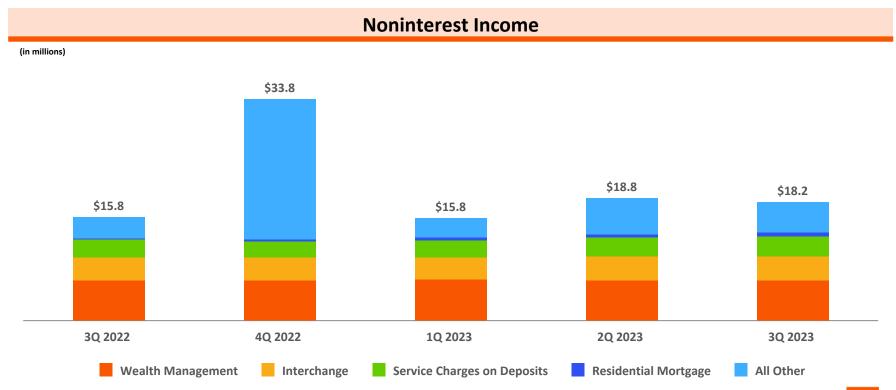






Noninterest Income

- Noninterest income decreased 3% from prior quarter
- 3Q23 noninterest income included \$5.0 million loss on sale of investment securities and \$6.6 million enhancement fee on company-owned life insurance resulting from balance sheet repositioning
- Excluding impact of balance sheet repositioning, most line items were relatively consistent with the prior quarter
- Noninterest income expected to be in the range of \$17.2 \$17.5 million in 4Q23



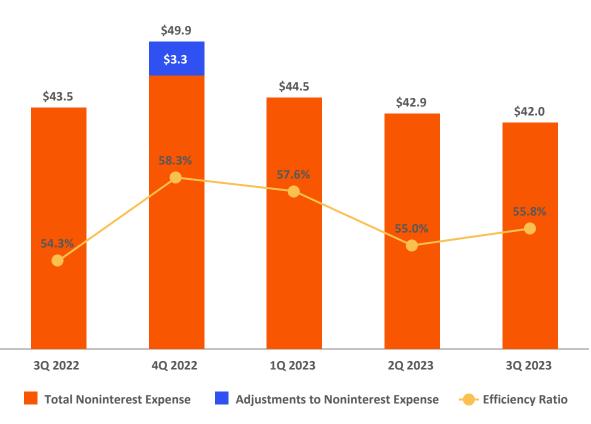




Noninterest Expense and Operating Efficiency

Noninterest Expense and Efficiency Ratio (1)

(Noninterest expense in millions)



- Efficiency Ratio ⁽¹⁾ was 55.8% in 3Q 2023
 vs. 55.0% in 2Q 2023
- Disciplined expense control resulted in slight declines in most line items compared to the prior quarter
- Near-term operating expense run-rate expected to be approximately \$43.5 -\$44.5 million
 - Favorable heath care claims in 3Q not expected to continue
 - Staffing additions to support growth in BaaS, Wealth, and Community Banking



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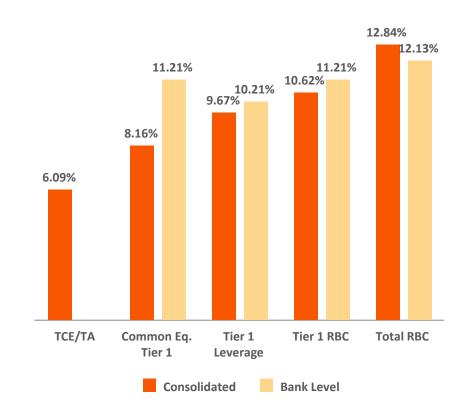


Capital Ratios and Strategy

Capital Strategy

- Capital initiatives increased CET1 to 8.16% from 7.77% at 12/31/22 with limited buybacks below TBV
- Internal capital generated from strong profitability and slower balance sheet growth expected to raise TCE ratio to 7.00%-7.75% by the end of 2024
- Capital actions and strong profitability expected to enable MSBI to raise capital ratios while maintaining current dividend payout

Capital Ratios (as of September 30, 2023)







Outlook

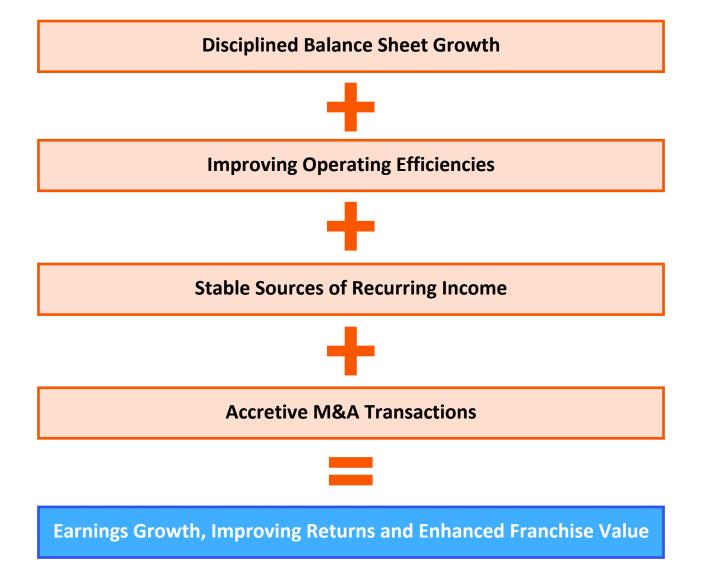


Outlook

- Prudent risk management will remain top priority while economic uncertainty remains with business development efforts focused on adding new commercial and retail deposit relationships
- Continue generating strong financial performance while maintaining conservative approach to new loan production to build capital and liquidity
- Planned reduction in the consumer portfolio will continue to be utilized to fund new commercial loan production, add to the securities portfolio and pay off higher cost funding sources with net impact likely being earnings neutral, but capital accretive
- Modest additional repositioning in the investment portfolio should continue to support increase in average yields and a stable net interest margin
- Maintain disciplined expense management while also making long-term investments to support growth in Wealth Management business and development of Banking-as-a-Service platform
- Two Banking-as-a-Service partnerships launching in 4Q23 focused on low-cost deposit generation and fee income with BaaS initiative expected to start making a meaningful contribution during 2024
- Strength of balance sheet expected to provide opportunities to capitalize on current environment to add new clients that will contribute to continued long-term profitable growth and increase in franchise value



Long-Term Formula for Enhancing Shareholder Value







APPENDIX





ESG: A Framework for Sustainability

Environmental

Facilities

- Our Corporate HQ, built in 2011, is LEED (Silver) Certified.
- We have installed solar power in 10 Midland locations.
- We have made more than \$50 million of credit available for residential solar projects since 2011.
- We have also completed more than \$540 million of financing for 18 "green" (LEED, Energy Star, etc.) multi-family/health care facilities since 2017.

Paper Reduction

 More than 50% of our customers use paperless statements and we have had a paper elimination program in place since 2010.

Social

Community Outreach

- We have been serving families and businesses since 1881, offering products and services based on the needs of our customers
- We work with more than 150 low-to-moderate income (LMI) and minority focused community groups to insure we address the needs of each of our markets.
- The Midland Institute CEO Program, a unique program designed to teach entrepreneurship to high school students, was created in 2010. In 2022, more than 60 programs, serving 288 high schools in 10 states, now utilize this powerful program for energizing tomorrow's business leaders.

Culture and People

- Since 2008 Midland has provided all employees personal and professional development training.
- Midland's Advanced Study for Talent Enrichment and Resource Training (MASTERS) program serves to develop future leaders of the Company. To date 65% of participants have been women or minority employees.
- Midland launched its Diversity & Inclusion Council in April 2020 to focus on diversity in the workplace and workforce.
- We offer paid time off for all employees to contribute their time and talents to recognized charities, causes or not-for-profit organizations, making a positive difference in their communities.

Philanthropy

- For the 2019-2021 Exam Period, we were credited for \$132.5 million in community development loans.
- Since its creation in 2011, the Midland States Bank Foundation has contributed more than \$1.6 million to non-profit organizations throughout Midland's footprint.

Financial Education

 Since 2015 we have held more than 240 financial literacy seminars in LMI/ minority neighborhoods in our footprint.

CRA, Community Development and Financial Inclusion

- We have provided \$877 million in financing for 148 affordable and multi-family and health care projects since 2015.
- Through our Believable Banking® Residential Mortgage and Home Improvement Loan Programs we have made more than \$97.3 million of loans to families underserved by traditional loan programs.
- Our banking products and services are offered through our personal bankers and online with materials designed to clearly describe the features, costs and alternatives available to our customers, including through dual-language materials and our ADA compliant website.

Governance

Reputation and Ethics

- Midland States Bank was one of the first in the nation to have a woman on its board (1903).
- Our board composition includes 45% women and minorities, and our criteria for identifying directors includes seeking diverse individuals.
- Our Code of Business Conduct and Ethics is available at investors.midlandsb.com.

Oversight of Strategy and Risk

- The Company's Chair and CEO roles been separate since the Company's inception (1988).
- All directors continuing after our May 2020 Annual Meeting of Shareholders, except our CEO, are "independent" pursuant to applicable SEC/NASDAQ rules.
- Our Board of Directors has established a Risk and Compliance Committee to oversee all aspects of risk and compliance management across our enterprise
- Consistent with COSO's 2017 Enterprise-Wide Risk Management (ERM)
 Framework, our ERM program employs business process risk ownership and the "three lines of defense" model.

Data Security

We utilize data security programs and a privacy policy under which we do not sell
or share customer information with nonaffiliated entities.

Executive Compensation

- Our executive compensation, including all performance related compensation, is
 evaluated annually by Risk Management to ensure consistency with Federal
 Reserve Safety and Soundness requirements, and the Interagency Guidance on
 Sound Incentive Compensation Policies issued jointly by the federal regulatory
 agencies.
- All cash and equity incentive programs for executive officers include performance metrics and/or four-year vesting periods.



Tangible Book Value Per Share

					(171,758) (161,904) (161,906) (28,382) (24,376) (455,267) (431,105) (477,556) (7,442) (11,431) (5,236) (19,674)					
(dollars in thousands, except per share data)	2017		2018	2019		2020		2021	2022	
Shareholders' Equity to Tangible Common Equity										
Total shareholders' equity—GAAP	\$	449,545	\$ 608,525	\$	661,911	\$ 621,391	\$	663,837	\$	758,574
Adjustments:										
Preferred Stock		(2,970)	(2,781)		_	_		_		(110,548)
Goodwill		(98,624)	(164,673)		(171,758)	(161,904)		(161,904)		(161,904)
Other intangible assets, net		(16,932)	(37,376)		(34,886)	(28,382)		(24,374)		(20,866)
Tangible common equity		331,019	403,695		455,267	431,105		477,559		465,256
Less: Accumulated other comprehensive income (AOCI)		1,758	(2,108)		7,442	11,431		5,237		(83,797)
Tangible common equity excluding AOCI	\$	329,261	\$ 405,803	\$	447,825	\$ 419,674	\$	472,322	\$	549,053
Common Shares Outstanding		19,122,049	23,751,798		24,420,345	22,325,471		22,050,537		22,214,913
Tangible Book Value Per Share	\$	17.31	\$ 17.00	\$	18.64	\$ 19.31	\$	21.66	\$	20.94
Tangible Book Value Per Share excluding AOCI	\$	17.22	\$ 17.09	\$	18.34	\$ 18.80	\$	21.42	\$	24.72





Adjusted Earnings Reconciliation

	For The Year Ended													
(dollars in thousands, except per share data)		2017		2018	2019		2020		2021		2022			
Income before income taxes - GAAP	\$	26,471	\$	50,805	\$	72,471	\$	32,014	\$	99,112	\$	129,838		
Adjustments to noninterest income:														
(Gain) on sales of investment securities, net		(222)		(464)		(674)		(1,721)		(537)		230		
(Gain) on termination of hedged interest rate swaps		_		_		_		_		(2,159)		(17,531)		
Other income		67		(89)		29		17		(48)		_		
Total adjustments to noninterest income		(155)		(553)		(645)		(1,704)		(2,744)		(17,301)		
Adjustments to noninterest expense:														
Impairment related to facilities optimization		(1,952)		_		(3,577)		(12,847)		_		_		
(Loss) gain on mortgage servicing rights held for sale		(4,059)		(458)		490		(1,692)		(222)		(3,250)		
FHLB advances prepayment fees		_		_				(4,872)		(8,536)		_		
Loss on repurchase of subordinated debt		_		_		(1,778)		(193)		_		_		
Integration and acquisition expenses		(17,738)		(24,015)		(5,493)		(2,309)		(4,356)		(347)		
Total adjustments to noninterest expense		(23,749)		(24,473)		(10,358)		(21,913)		(13,114)		(3,597)		
Adjusted earnings pre tax - non-GAAP		50,065		74,725		82,184		52,223		109,482		116,134		
Adjusted earnings tax		15,170		17,962		19,358		12,040		26,261		27,113		
Adjusted earnings - non-GAAP		34,895		56,763		62,826		40,183		83,221		89,021		
Preferred stock dividends, net		83		141		46		_				3,169		
Adjusted earnings available to common shareholders	\$	34,812	\$	56,622	\$	62,780	\$	40,183	\$	83,221	\$	85,852		
Adjusted diluted earnings per common share	\$	1.89	\$	2.39	\$	2.54	\$	1.70	\$	3.65	\$	3.79		
Adjusted return on average tangible common equity		11.32 %		15.00 %		14.44 %		9.24 %		18.33 %		18.59 %		



Efficiency Ratio Reconciliation

				F	or t	he Year End	led					
	 2016		2017	2018		2019		2020		2021		2022
(dollars in thousands)												
Noninterest expense - GAAP	\$ 121,289	\$	152,997	\$ 191,643	\$	175,641	\$	184,010	\$	175,069	\$	175,662
Adjustments to noninterest expense:												
Impairment related to facilities optimization	(2,099)		(1,952)	_		(3,577)		(12,847)		_		_
(Loss) gain on mortgage servicing rights held for sale			(4,059)	(458)		490		(1,692)		(222)		(3,250)
FHLB advances prepayment fees	_		_	_		_		(4,872)		(8,536)		_
Loss on repurchase of subordinated debt	(511)		_	_		(1,778)		(193)		_		_
Net expense from FDIC loss share termination	(351)		_	_		_		_		_		_
Integration and acquisition expenses	(2,343)		(17,738)	(24,015)		(5,493)		(2,309)		(4,356)		(347)
Adjusted noninterest expense	\$ 115,985	\$	129,248	\$ 167,170	\$	165,283	\$	162,097	\$	161,955	\$	172,065
Net interest income - GAAP	105,254		129,662	180,087		189,815		199,136		207,675		245,735
Effect of tax-exempt income	2,579		2,691	2,095		2,045		1,766		1,543		1,283
Adjusted net interest income	107,833	: <u> </u>	132,353	182,182	_	191,860	· _	200,902	· —	209,218	_	247,018
Noninterest income - GAAP	72,057		59,362	71,791		75,282		61,249		69,899		79,891
Adjustments to noninterest income:												
Impairment (recapture) on commercial mortgage	3,135		2,324	(450)		2,139		12,337		7,532		1,263
(Gain) on sales of investment securities, net	(14,702)		(222)	(464)		(674)		(1,721)		(537)		230
(Gain) on termination of hedged interest rate swaps	_		_	_		_		_		(2,159)		(17,531)
Other income	608		67	(89)		29		17		(48)		_
Adjusted noninterest income	61,098	_	61,531	70,788	_	76,776	_	71,882	_	74,687	_	63,853
Adjusted total revenue	\$ 168,931	\$	193,884	\$ 252,970	\$	268,636	\$	272,784	\$	283,905	\$	310,871
Efficiency ratio	68.66 %		66.66 %	66.08 %		61.53 %	,	59.42 %		57.05 %		55.35





Adjusted Earnings Reconciliation

]	For Th	e Quarter End	ed	December 31 Sentember 30											
	Sej	ptember 30,		June 30,		March 31,	D	ecember 31,	Se	ptember 30,									
(dollars in thousands, except per share data)		2023		2023		2023		2022	2022										
Income before income taxes - GAAP	\$	29,575	\$	28,820	\$	28,666	\$	43,902	\$	29,380									
Adjustments to noninterest income:																			
Loss on sales of investment securities, net		4,961		869		648		_		129									
(Gain) on termination of hedged interest rate swaps		_		_		_		(17,531)		_									
(Gain) on repurchase of subordinated debt		_		(676)		_		_		_									
Company-owned life insurance enhancement fee		(6,640)		_		_		_		_									
Total adjustments to noninterest income		(1,679)		193		648		(17,531)		129									
Adjustments to noninterest expense:																			
(Loss) on mortgage servicing rights held for sale		_		_		_		(3,250)		_									
Integration and acquisition expenses		_		_		_		_		68									
Total adjustments to noninterest expense		_		_		_		(3,250)		68									
Adjusted earnings pre tax - non-GAAP		27,896		29,013		29,314		29,621		29,441									
Adjusted earnings tax		8,389		7,297		7,069		7,174		5,873									
Adjusted earnings - non-GAAP		19,507		21,716		22,245		22,447		23,568									
Preferred stock dividends		2,229		2,228		2,228		_		_									
Adjusted earnings available to common shareholders	\$	17,278	\$	19,488	\$	20,017	\$	22,447	\$	23,568									
Adjusted diluted earnings per common share	\$	0.78	\$	0.87	\$	0.88	\$	0.85	\$	1.04									
Adjusted return on average assets		0.98 %		1.10 %		1.15 %		1.13 %		1.22 %									
Adjusted return on average shareholders' equity		10.03 %))	11.21 %		11.76 %		11.89 %		13.34 %									
Adjusted return on average tangible common equity		14.24 %)	16.10 %		17.11 %		16.80 %		20.24 %									

Adjusted Pre-Tax, Pre-Provision Earnings Reconciliation

	For the Quarter Ended												
(dollars in thousands) Adjusted earnings pre tax - non-GAAP Provision for credit losses Impairment on commercial mortgage servicing rights Adjusted pre-tax, pre-provision earnings - non-GAAP	Sep	tember 30,		June 30,	N	March 31,	De	cember 31,	Sej	otember 30,			
(dollars in thousands)		2023		2023		2023		2022		2022			
Adjusted earnings pre tax - non-GAAP	\$	27,896	\$	29,013	\$	29,314	\$	29,621	\$	29,441			
Provision for credit losses		5,168		5,879		3,135		3,544		6,974			
Impairment on commercial mortgage servicing rights		_		_		_		_		_			
Adjusted pre-tax, pre-provision earnings - non-GAAP	\$	33,064	\$	34,892	\$	32,449	\$	33,165	\$	36,415			
Adjusted pre-tax, pre-provision return on average assets		1.66 %		1.76 %		1.67 %		1.68 %		1.89 %			





Efficiency Ratio Reconciliation

		For the Quarter Ended												
	Sej		June 30,		March 31,		December 31,		otember 30,					
(dollars in thousands)		2023		2023		2023		2022		2022				
Noninterest expense - GAAP	\$	42,038	S	42,894	\$	44,482	\$	49,943	\$	43,496				
Loss on mortgage servicing rights held for sale	Ф	42,036	Ф	42,094	Ф	44,462	Ф	(3,250)	Φ	43,490				
Integration and acquisition expenses		_		_		_		(3,230)		68				
	•	42.029	<u> </u>	42.804	\$	44.492	\$	46 602	•					
Adjusted noninterest expense	3	42,038	= ===	42,894	2	44,482	2	46,693	• ===	43,564				
Net interest income - GAAP	\$	58,596	\$	58,840	\$	60,504	\$	63,550	\$	64,024				
Effect of tax-exempt income		205		195		244		286		307				
Adjusted net interest income		58,801		59,035		60,748		63,836		64,331				
Noninterest income - GAAP		18,185		18,753		15,779		33,839		15,826				
Impairment on commercial mortgage servicing rights		_		_				_		_				
Loss on sales of investment securities, net		4,961		869		648		_		129				
(Gain) on termination of hedged interest rate swaps		_		_		_		(17,531)		_				
(Gain) on repurchase of subordinated debt		_		(676)				_		_				
Company-owned life insurance enhancement fee		(6,640)		_		_		_		_				
Adjusted noninterest income		16,506		18,946		16,427		16,308		15,955				
Adjusted total revenue	\$	75,307	\$	77,981	\$	77,175	\$	80,144	\$	80,286				
Efficiency ratio		55.82 %	, 0	55.01 %		57.64 %		58.26 %		54.26 %				





Tangible Common Equity to Tangible Assets Ratio and Tangible Book Value Per Share

	As of											
	S	eptember 30,		June 30,		March 31,	December 31,			September 30,		
(dollars in thousands, except per share data)		2023		2023		2023		2022		2022		
Shareholders' Equity to Tangible Common Equity	0	764.250	Φ.	776.001	Φ.	775 (42	Φ.	750 574	Φ.	720.270		
Total shareholders' equity—GAAP	\$	764,250	\$	776,821	\$	775,643	\$	758,574	\$	739,279		
Adjustments:		(110.510)		(110.510)		(110.510)		(110.540)		(110.510)		
Preferred Stock		(110,548)		(110,548)		(110,548)		(110,548)		(110,548)		
Goodwill		(161,904)		(161,904)		(161,904)		(161,904)		(161,904)		
Other intangible assets, net		(17,238)		(18,367)		(19,575)	_	(20,866)	_	(22,198)		
Tangible common equity	\$	474,560	\$	486,002	\$	483,616	\$	465,256	\$	444,629		
Less: Accumulated other comprehensive income (AOCI)		(101,181)		(84,719)		(77,797)		(83,797)		(78,383)		
Tangible common equity excluding AOCI	\$	575,741	\$	570,721	\$	561,413	\$	549,053	\$	523,012		
Total Assets to Tangible Assets:												
Total assets—GAAP	\$	7,975,925	\$	8,034,721	\$	7,930,174	\$	7,855,501	\$	7,821,877		
Adjustments:		, ,								, ,		
Goodwill		(161,904)		(161,904)		(161,904)		(161,904)		(161,904)		
Other intangible assets, net		(17,238)		(18,367)		(19,575)		(20,866)		(22,198)		
Tangible assets	\$	7,796,783	\$	7,854,450	\$	7,748,695	\$	7,672,731	\$	7,637,775		
Common Shares Outstanding		21,594,546		21,854,800		22,111,454		22,214,913		22,074,740		
Tangible Common Equity to Tangible Assets		6.09 %		6.19 %		6.24 %		6.06 %		5.82 %		
Tangible Book Value Per Share	\$	21.98	\$	22.24	\$	21.87	\$	20.94	\$	20.14		
Tangible Book Value Per Share excluding AOCI	\$	26.66	\$	26.11	\$	25.39	\$	24.72	\$	23.69		
Return on Average Tangible Common Equity (ROATCE)												
					For t	he Quarter Ended						
(dollars in thousands)	S	eptember 30, 2023		June 30, 2023		March 31, 2023		December 31, 2022		September 30, 2022		
Net income available to common shareholders	\$	15,813	\$	19,347	\$	19,544	\$	29,703	\$	23,521		
Average total shareholders' equity—GAAP	\$	771,625	\$	776,791	\$	767,186	\$	749,183	\$	700,866		
Adjustments:	Þ	771,023	Ф	770,791	Þ	707,180	Ф	749,103	Ф	700,800		
Preferred Stock		(110.549)		(110.540)		(110.540)		(110.540)		(54.072)		
Goodwill		(110,548)		(110,548)		(110,548)		(110,548)		(54,072)		
		(161,904)		(161,904)		(161,904)		(161,904)		(161,904)		
Other intangible assets, net	•	(17,782)	•	(18,937)	•	(20,184)	•	(21,504)	\$	(22,859)		
Average tangible common equity	\$	481,391	\$	485,402	\$	474,550	\$	455,227	<u>\$</u>	462,031		
ROATCE		13.03 %		15.99 %		16.70 %		25.89 %		20.20 %		

