

Forward Looking Statement

This presentation contains forward-looking statements made pursuant to the safe-harbor provisions of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements can often, but not always, be identified by the use of words like "believe", "continue", "pattern", "estimate", "project", "intend", "anticipate", "expect" and similar expressions or future or conditional verbs such as "will", "would", "should", "could", "might", "can", "may", or similar expressions. These forward-looking statements include, but are not limited to, statements relating to First Merchants' goals, intentions and expectations; statements regarding the First Merchants' business plan and growth strategies; statements regarding the asset quality of First Merchants' loan and investment portfolios; and estimates of First Merchants' risks and future costs and benefits. These forward-looking statements are subject to significant risks, assumptions and uncertainties that may cause results to differ materially from those set forth in forward-looking statements, including, among other things: possible changes in economic and business conditions; the existence or exacerbation of general geopolitical instability and uncertainty; the effects of a pandemic or other unforeseeable event; the ability of First Merchants to integrate recent acquisitions and attract new customers; possible changes in monetary and fiscal policies, and laws and regulations; the effects of easing restrictions on participants in the financial services industry; the cost and other effects of legal and administrative cases; possible changes in the credit worthiness of customers and the possible impairment of collectability of loans; fluctuations in market rates of interest; competitive factors in the banking industry; changes in the banking legislation or regulatory requirements of federal and state agencies applicable to bank holding companies and banks like First Merchants' affiliate bank; continued availability of earnings and excess capital sufficient for the lawful and prudent declaration of dividends; changes in market, economic, operational, liquidity (including the ability to grow and maintain core deposits and retain large, uninsured deposits), credit and interest rate risks associated with the First Merchants' business; and other risks and factors identified in each of First Merchants' fillings with the Securities and Exchange Commission. First Merchants undertakes no obligation to update any forward-looking statement, whether written or oral, relating to the matters discussed in this presentation or press release. In addition, the company's past results of operations do not necessarily indicate its anticipated future results.

NON-GAAP FINANCIAL MEASURES

These slides contain non-GAAP financial measures. For purposes of Regulation G, a non-GAAP financial measure is a numerical measure of the registrant's historical or future financial performance, financial position or cash flows that excludes amounts, or is subject to adjustments that have the effect of excluding amounts, that are included in the most directly comparable measure calculated and presented in accordance with GAAP in the statement of income, balance sheet or statement of cash flows (or equivalent statements) of the issuer; or includes amounts, or is subject to adjustments that have the effect of including amounts, that are excluded from the most directly comparable measure so calculated and presented. In this regard, GAAP refers to generally accepted accounting principles in the United States. Pursuant to the requirements of Regulation G, First Merchants Corporation has provided reconciliations within the slides, as necessary, of the non-GAAP financial measure to the most directly comparable GAAP financial measure.

Executive Management Team



FMB: 25 Yrs

Banking: 25 Yrs

Mark Hardwick

Chief Executive Officer

Mark K. Hardwick currently serves as the Chief Executive Officer of First Merchants Corporation and First Merchants Bank. Mark joined First Merchants in November of 1997 as Corporate Controller and was promoted to Chief Financial Officer in April of 2002. In 2016, Mark's title expanded to include Chief Operating Officer, overseeing the leadership responsibilities for finance, operations, technology, risk, legal, and facilities for the corporation. Prior to joining First Merchants Corporation, Mark served as a senior accountant with BKD, LLP in Indianapolis.

Mark is a graduate of Ball State University with a Master of Business Administration and Bachelor's degree in Accounting. He is also a certified public accountant and a graduate of the Stonier School of Banking.



FMB: 16 Yrs

Banking: 36 Yrs

Mike Stewart

President

Mike Stewart currently serves as President for First Merchants Corporation and First Merchants Bank overseeing the Commercial, Private Wealth, and Consumer Lines of Business for the Bank. Mike joined the bank in 2008 as Chief Banking Officer. Prior to joining First Merchants, Mike spent 18 years with National City Bank in various commercial sales and credit roles. Mike has a Master of Business Administration from Butler University and a Bachelor's degree in Finance from Millikin University.



FMB: 15 Yrs

Banking: 33 Yrs

John Martin Chief Credit Officer

John Martin currently serves as Executive Vice President and Chief Credit Officer of First Merchants Corporation overseeing the Commercial, Small Business and Consumer Credit functions, as well as the Mortgage Line of Business. Prior to joining First Merchants, John spent 18 years with National City Bank in various sales and senior credit roles. John is a graduate of Indiana University where he earned a Bachelor of Arts in Economics. He also holds a Master of Business Administration in Finance from Case Western Reserve University.



FMB: 8 Yrs

Banking: 20 Yrs

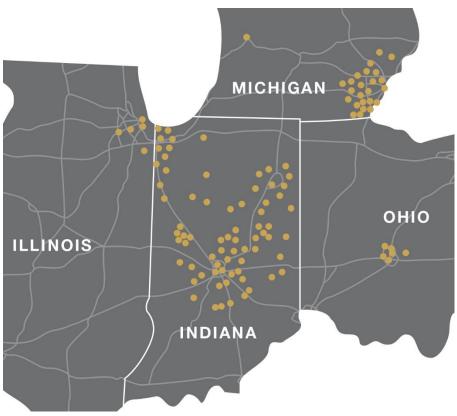
Michele Kawiecki Chief Financial Officer

Michele Kawiecki currently serves as Executive Vice President and Chief Financial Officer for First Merchants Corporation and First Merchants Bank. Michele joined First Merchants in 2015 as Director of Finance. Prior to joining First Merchants, Michele spent 12 years with UMB Financial Corporation in Kansas City, Missouri having served as Senior Vice President of Capital Management and Assistant Treasurer; Director of Corporate Development and the Enterprise Project Management Office; and Chief Risk Officer. Prior to UMB, she worked for PriceWaterhouseCoopers LLP as an Audit Manager. Michele earned both a Master of Science in Accounting and an Executive Master of Business Administration from the University of Missouri-Kansas City and a Bachelor's degree in Accounting from Dakota Weslevan University.



First Merchants Corporation (NASDAQ: FRME)

Largest financial services holding company headquartered in Central Indiana



118 Banking Centers

Financial Highlights as of 9/30/2023

\$18.0 Billion
Total Assets

\$12.3 Billion
Total Loans

\$14.6 Billion Total Deposits

\$8.0 Billion
Assets Under Advisement*

YTD ROAA:	1.33%
YTD Return on TCE	18.10%
TCE/TA:	7.69%
Market Cap	\$1.7B
Dividend Yield:	4.74%
Price / Tangible Book:	1.24x
Price / LTM EPS:	6.6x

^{*}Assets Under Management - \$3.4 Billion

Moody's a3 Baseline Credit Assessment¹



















¹Moody's Credit Opinion – First Merchants Corporation, October 25, 2022, baseline Credit Assessment (BCA) reflects a bank's standalone credit strength

Highlights

Third Quarter

Net Income & EPS¹

\$55.9 Million

\$0.94 Per Share

ROA (Annualized)

1.24% ROA

1.48% PTPP ROA²

ROE & ROTCE (Annualized)

10.38% ROE

16.54% ROTCE²

- Total deposits increased \$65.4 million or 1.8% annualized on a linked quarter basis
 - Commercial & Consumer deposits increased \$327.8 million
 - Brokered deposits declined \$133.6 million
 - Municipal deposits declined \$128.8 million due to seasonality
- Loan yields remain strong at 6.58% with new/renewed loan yields averaging 7.88% for the quarter
- Maintained a low 50's Efficiency Ratio, while managing increasing deposit betas
- Maintained strong credit quality and a robust allowance for credit losses
- Reported EPS of \$0.94 compared to \$1.08 in 3Q22. Excluding PPP income and expenses related to the Level One acquisition, current EPS was \$0.94 compared to \$1.12 in 3Q22^{1,2}

Year-to-Date

Net Income & EPS¹

\$179.9 Million

\$3.03 Per Share

ROA (Annualized)

1.33% ROA

1.58% PTPP ROA²

ROE & ROTCE (Annualized)

11.28% ROE

18.10% ROTCE²

Reported EPS of \$3.03 compared to \$2.62 in 2022. Excluding PPP income and expenses related to the Level One acquisition, current YTD EPS was \$3.03 compared to \$3.01 in 2022^{1,2}



Business Strategy

Commercial Banking

Full Spectrum of Debt Capital and Treasury Service Offerings Located in Prime Growth Markets

-) Small Business & SBA
-) Middle Market C&I
-) Investment Real Estate
-) Public Finance
-) Sponsor Finance

-) Asset Based Lending
-) Syndications
- Treasury Management Services
- Merchant Processing Services

Mortgage Banking

Offering a full suite of mortgage solutions to assist with purchase, construction, renovation, and home finance

- Strengthen existing Commercial, Consumer and Private Wealth relationships
- Create new household relationships
- Support underserved borrowers and neighborhoods
- Deliver solutions through a personalized, efficient, and scalable model

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Consumer Banking

Full Spectrum of Consumer Deposit and Lending Offerings Supported by:

- Talented, Customer Service Oriented Banking Center and Call Center Professionals
-) Competitive Digital Solutions
- Deposit and CRM
 - Online Banking
 - Mobile Banking
- Diverse Locations in Stable Rural and Growth Metro Markets

Private Wealth Advisors

Comprehensive and coordinated approach to personal wealth management

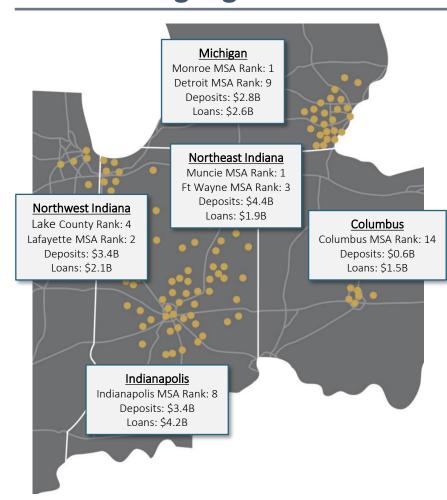
Expertise in:

-) Investment Management
-) Private Banking
-) Fiduciary Estate
-) Financial Planning

Strengthen commercial relationships with personal services for executives/owners and retirement plan services for companies

Partner with consumer to offer personal investment advice through First Merchants Investment Services

Business Highlights



MSA and County ranking data per FDIC

¹Commercial includes Municipal deposits and Consumer includes Private Wealth and Mortgage



Loan Growth Annualized¹

	3Q23 Balance (\$B)	Growth
Commercial	\$9.3	(1.7)%
Consumer	\$2.9	7.3%
Total Loan Growth QTD		0.2%
Total Loan Growth YTD		3.2%
*Adjusted Total Loan Growth YTD		4.6%

- Commercial loans declined in large part to continued client focus on working capital management and continued evaluation of new capital projects given the current interest rate environment.
- The total Commercial pipeline improved at quarter end with regional C&I, IRE,
 Sponsor and Syndications all increasing to prior year levels.
- The Consumer increase was attributed to increases in Installment, Private Banking and Residential Mortgage.

*During the second quarter, the non-relational, term loan B portfolio of \$116 million was sold with a gain.

Deposit Growth Annualized¹

	3Q23 Balance (\$B)	Growth
Commercial	\$7.3	(1.9)%
Consumer	\$6.3	9.5%
Total Deposit Growth QTD		1.8%
Total Deposit Growth YTD		2.4%

- Strong deposit growth continued for the quarter and year to date.
- As noted on slide 5, the Municipal deposits decline was the driver for the Commercial deposit decline of 1.9% noted above. Adjusting for the seasonal decline in Municipal deposits, Commercial deposits grew at a 5.1% annualized rate.
- Consumer line of business showed strong growth in both the branch network and private client relationships.

Third Quarter Financial Results

	(\$Mexcept per share data) For the Three Months Ended,						I		
	,	9/30/22	12/31/22		6/30/23	9/30/23	Linked	% Variance Linked QTR- Annualized	
	Balance Sheet & Asset Quality	3/30/22	12/31/22	3/31/23	0,30,23	3/30/23	Quarter	Amidanzea	3Q23 Highlights
1. 2. 3.	Total Assets Total Loans Investments	\$17,719.0 11,675.4 4,294.8	\$17,938.3 12,013.0 4,263.8	\$18,178.9 12,250.9 4,057.4	\$17,968.4 12,297.5 3,891.5	\$17,996.6 12,302.4 3,713.7	\$28.2 4.9 (177.8)	0.6% 0.2% -18.3%	■ 53.91% Efficiency Ratio
4. 5.	Deposits Total Equity	14,434.8 1,906.7	14,382.7 2,034.8	14,703.3 2,122.4	14,581.2 2,145.6	14,646.6 2,092.6	65.4 (52.9)	1.8% -9.9%	1
6. 7.	TCE Ratio Total RBC Ratio	6.66% 12.84	7.34% 13.08	7.75% 13.23	7.99% 13.48	7.69% 13.66%	-0.30% 0.18		Net interest income, decreased 1.4 F million due to bigher
8. 9. 10.	ACL / Loans NCOs / Avg Loans NPAs + 90PD / Assets	1.94 -0.01 0.29	1.86 0.12 0.28	1.82 0.01 0.34	1.80 0.06 0.43	1.67 0.66 0.33	-0.13 0.60 -0.10		\$4.5 million due to higher funding cost and mix change which offset higher earning
11. 12.	Summary Income Statement Net Interest Income Provision for Loan Losses	\$140.3 0.0	\$149.0 0.0	\$144.1 0.0	\$137.9 0.0	\$133.4 2.0	(\$4.5) 2.0	-3.3%	- asset income
13. 14.	Noninterest Income Noninterest Expense	29.6 96.4	24.1 89.7	25.0 93.7	26.3 92.6	27.8 93.8	1.5 1.2	5.7% 1.3%	Earnings totaled \$67.4 million
15. 16. 17.	Pre-tax Income Provision for Taxes Net Income	73.5 9.8 63.7	83.4 12.6 70.8	75.4 11.3 64.1	71.6 10.7 60.9	65.4 9.0 56.4	(6.2) (1.7) (4.5)	-8.7% -15.9% -7.4%	PTPP ROA was 1.48% and PTPP
18. 19.	Preferred Stock Dividends Net Income Available to Common Stockholders	0.5	0.5 70.3	0.5	0.5 60.4	0.5	0.0 (4.5)		_
20. 21. 22.	ROAA ROAE ROTCE	1.43% 12.54 20.85	1.59% 14.36 24.21	1.42% 12.21 19.82	1.34% 11.29 18.04	1.24% 10.38 16.54	-0.10% -0.91 -1.50		7.69% due to the impact of AOC
23. 24.	Net Interest Margin Efficiency Ratio	3.55 53.34	3.72 48.60	3.58 51.72	3.39 52.21	3.29 53.91	-0.10 1.70		 Tangible Book Value per share totaled \$22.43, a decrease of
25. 26. 27. 28.	Per Share Earnings per Diluted Share Tangible Book Value per Share Dividend per Share Dividend Payout Ratio	\$1.08 19.26 0.32 29.6%	\$1.19 21.45 0.32 26.9%	\$1.07 22.93 0.32 29.9%	\$1.02 23.34 0.34 33.3%	\$0.94 22.43 0.34 36.2%	(\$0.08) (0.91) 0.00 2.8%		_ \$0.91 from prior quarter

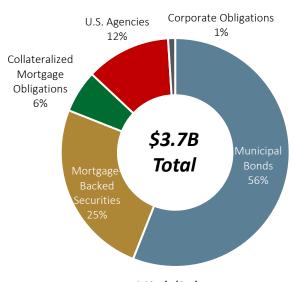
Year-to-Date Financial Results

	Mexcept per share data) For the Nine Months Ended September 30,						
						% Variance	
	Delever Chart C. Asset Coults	2021	2022	2023	YOY	YOY	Year-to-Date Highlights
	Balance Sheet & Asset Quality	445.000.5	41==10.0	4	40		
	Total Assets	\$15,060.7	\$17,719.0	\$17,996.6	\$277.7	1.6%	
	Total Loans	9,047.6	11,675.4	12,302.4	627.0	5.4%	 52.60% Efficiency Ratio
3.	Investments	4,445.5	4,294.8	3,713.7	(581.0)	-13.5%	-
4.	Deposits	12,348.7	14,434.8	14,646.6	211.8	1.5%	reflecting strong operating
5.	Total Equity	1,868.1	1,906.7	2,092.6	186.0	9.8%	leverage
6.	TCE Ratio	8.94%	6.66%	7.69%	1.03%		
7.	Total RBC Ratio	14.02	12.84	13.66%	0.82		 Net interest income, increased
8.	ALLL / Loans	2.21	1.94	1.67	-0.27		\$44.1 million primarily due to
9.	NCOs / Avg Loans	0.07	-0.01	0.24	0.25		
10.	NPAs + 90PD / Assets	0.35	0.29	0.33	0.04		the addition of Level One in
	Summary Income Statement						2Q22
11.	Net Interest Income	\$309.4	\$371.2	\$415.3	\$44.1	11.9%	
12.	Provision for Loan Losses	0.0	16.8	2.0	(14.8)		Pre-Tax, Pre-Provision (PTPP)
13.	Noninterest Income	83.5	83.8	79.2	(4.6)	-5.5%	Earnings totaled \$214.3 million
14.	Noninterest Expense	206.8	266.0	280.2	14.2	5.3%	
15.	Pre-tax Income	186.1	172.3	212.3	40.1	23.3%	PTPP ROA was 1.58% and PTPP
16.	Provision for Taxes	28.3	20.9	31.0	10.1	48.2%	ROE was 13.44% ¹
17.	Net Income	157.8	151.3	181.3	30.0	19.8%	
18.	Preferred Stock Dividends	0.0	0.9	1.4	0.5		 TCE Ratio increased 1.03% to
19.	Net Income Available to Common Stockholders	157.8	150.4	179.9	29.5	19.6%	7.69% over prior year
20.	ROAA	1.43%	1.19%	1.33%	0.14%		
21.	ROAE	11.32	10.14	11.28	1.14		Tongible Book Value ner share
22.	ROTCE	16.65	16.22	18.10	1.88		 Tangible Book Value per share
23.	Net Interest Margin	3.22	3.30	3.42	0.12		totaled \$22.43, an increase of
24.	Efficiency Ratio	50.10	54.95	52.60	-2.35		\$3.17 over prior year
	Per Share						,
25.	Earnings per Diluted Share	\$2.92	\$2.62	\$3.03	\$0.41		
26.	Tangible Book Value per Share	24.31	19.26	22.43	3.17		
27.	Dividend per Share	0.84	0.93	1.00	0.07		
28.	Dividend Payout Ratio	28.8%	35.5%	33.0%	-2.5%		



Investment Portfolio Highlights

3Q23 Investment Portfolio Composition

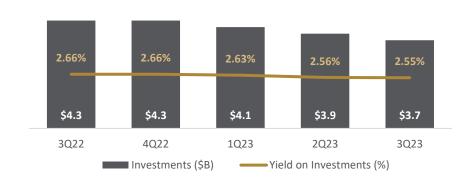


Highlights

- Quarterly bond sales of \$33 million / \$347 million YTD
- Effective duration of 6.6 years
- Cash flow of \$335 million through the end of 2024 / ~2.12% yield
- AA rated municipal bond portfolio
- ~53% of portfolio classified as Held-to-Maturity
- Allowance for Credit Losses for Investments of \$245,000

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Yield on Investments (%) / Total Investments (\$B)



Investment Portfolio Gains / Losses

Unrealized Losses

- Net unrealized AFS Loss of \$382.8 million (\$269.8 M prior Q)
- Net unrealized HTM Loss of \$472.6 million (\$ 359.7 M prior Q)

Realized Gains/Losses

3Q 2022 \$0.4 million gain

4Q 2022 \$0.1 million gain

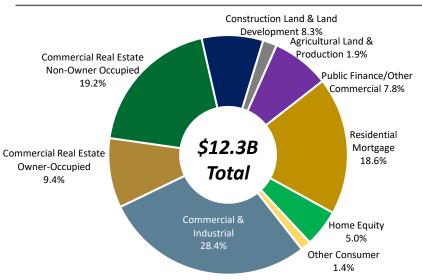
■ 1Q 2023 \$1.6 million loss

2Q 2023 \$1.4 million loss

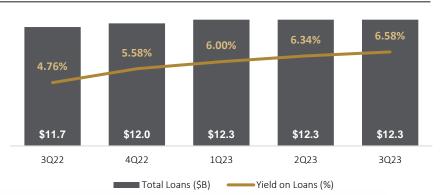
3Q 2023 \$1.7 million loss

Loan Portfolio Highlights

3Q23 Loan Composition



Yield on Loans (%) / Total Loans (\$B)

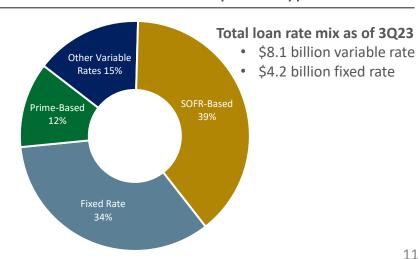


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Highlights

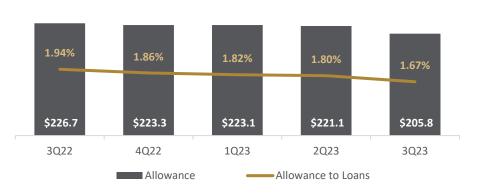
- Portfolio composition is ~75% Commercial oriented
- Loan yields remained strong at 6.58%
- New/renewed loan yields averaged 7.88% for the quarter compared to 7.30% in 2Q23

3Q23 Portfolio by Yield Type



Allowance for Credit Losses - Loans

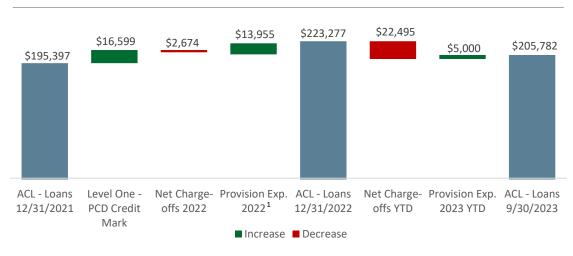
3Q23 Allowance for Credit Losses - Loans



Highlights

- \$2.0 million Q3 provision expense
 - \$5.0 million provision exp. recorded for ACL Loans
 - \$3.0 million reserve reduction for unfunded commitments
- The reserve for unfunded commitments totals \$20.3 million, a reduction of \$3.0 million in Q3, and is recorded in Other Liabilities
- The remaining fair value accretion on acquired loans is \$24.9 million inclusive of credit and interest rate marks

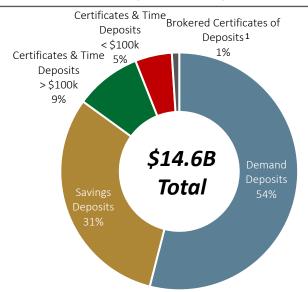
Change in ACL – Loans





Deposit Portfolio Highlights

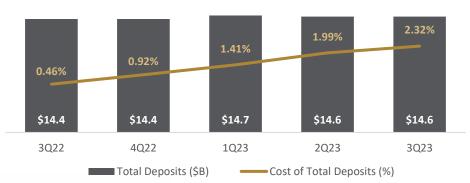
3Q23 Deposit Composition



Highlights

- Strong core deposit base
 - 91% core deposits²
 - 17% noninterest bearing
 - 41% yield 5 bps or less
- Total deposit costs increased to 2.32%
- 51% cumulative interest-bearing deposit beta, 47% prior quarter
- Insured 71.5% / Uninsured 28.5%
- Average deposit account balance of \$34,000

Cost of Total Deposits (%) / Total Deposits (\$B)

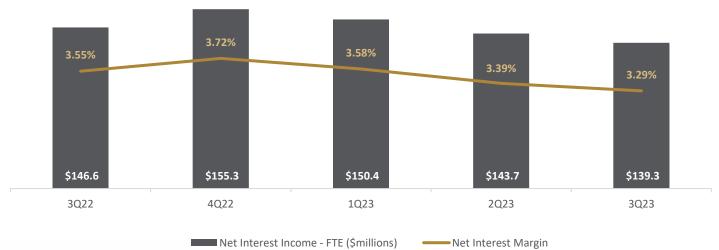




Net Interest Margin

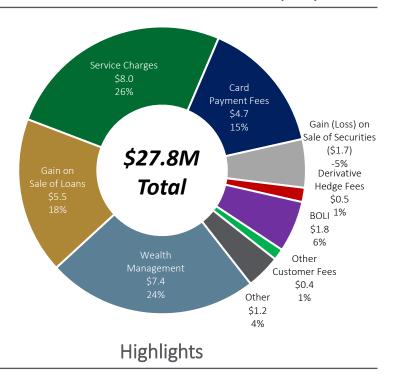
						,
		3Q22	4Q22	1Q23	2Q23	3Q23
1.	Net Interest Income - FTE (\$millions)	\$ 146.6	\$ 155.3	\$ 150.4	\$ 143.7	\$ 139.3
2.	Fair Value Accretion	\$ 3.2	\$ 2.7	\$ 2.4	\$ 2.0	\$ 2.0
3.	PPP Loan Income	\$ 0.3	\$ 0.1	\$ -	\$ -	\$ - 1
4.	Adjusted Net Interest Income - FTE ¹	\$ 143.1	\$ 152.5	\$ 148.0	\$ 141.7	\$ 137.3
5.	Tax Equivalent Yield on Earning Assets	4.11%	4.73%	5.06%	5.36%	5.55%
6.	Interest Expense/Average Earning Assets	0.56%	1.01%	1.48%	1.97%	2.26%
7.	Net Interest Margin	3.55%	3.72%	3.58%	3.39%	3.29%
8.	Fair Value Accretion Effect	0.08%	0.07%	0.06%	0.05%	0.05%
9.	Impact of PPP Loans	0.00%	0.00%	0.00%	0.00%	0.00%
10.	Adjusted Net Interest Margin ¹	3.47%	3.65%	3.52%	3.34%	3.24%
						Lucius de la contraction de la

¹Adjusted for Fair Value Accretion and PPP Loan Income



Noninterest Income Highlights

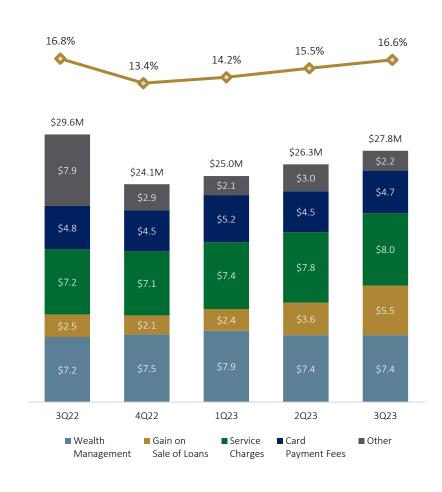
3Q23 Noninterest Income Detail (\$M)



- Customer-related fees totaling \$26.5 million for 3Q23, increased \$1.7 million from 2Q23 driven primarily by higher gains on the sales of mortgage loans
- Losses of \$1.7 million recognized on the sale of \$33 million of available-for-sale securities

Noninterest Income Trends (\$M)

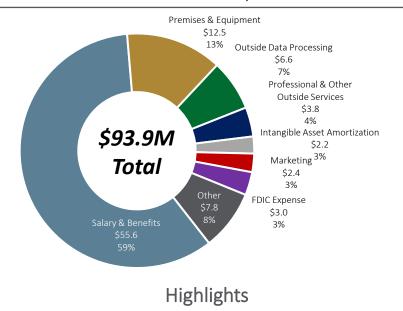






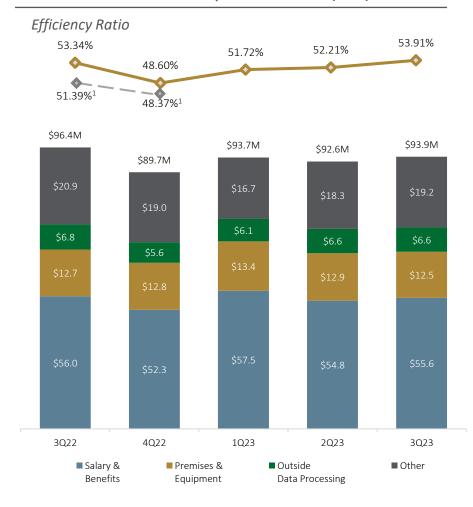
Noninterest Expense Highlights

3Q23 Noninterest Expense Detail



 Increase in Other expenses reflects \$1.3 million in increased marketing costs somewhat offset by a decline in professional fees.

Noninterest Expense Trends (\$M)





¹3Q22, and 4Q22 Efficiency Ratio excluding acquisition costs, see "Non-GAAP Financial Information" for reconciliation

Capital Ratios

Tangible Common Equity Ratio



Highlights

- TCE Ratio including marks on held-to-maturity securities portfolio is 5.64%
- CET1 including net unrealized loss in AOCI on available-for-sale securities is 9.39%

Common Equity Tier 1 Ratio



Total Risk-Based Capital Ratio





Loan Portfolio

Loan Portfolio Trends (\$M)

	3Q22	4Q22	1Q23	2Q23	3Q23
1. C&I - Regional Banking	\$ 2,703	\$ 2,827	\$ 2,831	\$ 2,733	\$ 2,662
2. C&I - Sponsor Finance	630	612	674	798	829
3. CRE Owner Occupied	1,266	1,244	1,242	1,180	1,154
4. Construction/Land/Land Dev.	829	836	961	950	1,022
5. CRE Non-Owner Occupied	2,299	2,407	2,375	2,380	2,360
6. Agricultural	222	242	220	230	234
7. Public Finance/Other Commercial	<u>915</u>	<u>933</u>	<u>959</u>	<u>964</u>	<u>967</u>
8. Total Commercial Loans	8,864	9,101	9,262	9,235	9,228
9. Residential Mortgage	2,014	2,103	2,195	2,276	2,286
10. Home Equity	622	631	621	614	609
11. Other Consumer	<u>175</u>	<u>178</u>	<u>173</u>	<u>173</u>	<u>179</u>
12. Total Resi Mortgage & Consumer	<u>2,811</u>	<u>2,912</u>	<u>2,989</u>	<u>3,063</u>	<u>3,074</u>
13. Total Loans	\$11,675	\$12,013	\$12,251	\$12,298	\$12,302

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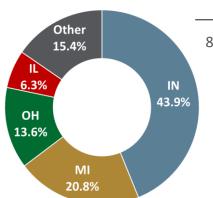
3Q23 Highlights

- C&I Sponsor Finance up \$31 million
- Construction/Land/Land Dev. up \$72 million

Year Over Year Highlights

Loan growth of \$744 million or 6.4%¹

- Balanced commercial loan growth \$481 million¹
 - C&I Regional Banking \$76 million¹
 - C&I Sponsor Finance \$199 million
 - CRE/Constr/Land/Land Dev. \$193 million
 - CRE NOO \$61 million
- Total Resi Mtg & Cons. \$263 million
 - Mortgage growth of \$272 million, primarily from portfolio ARM strategy



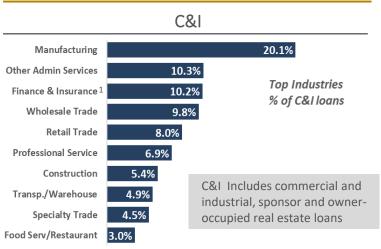
Geography

84.6% of borrowers within four state Midwest geography

¹Adjusted for the sale of non-relational, term loan B loans of \$116 million during the 2nd quarter.

Loan Portfolio Insights





- Line utilization Q3'23 40.9% from 41.7% Q2'23
- \$644 million in Shared National Credits
- \$60.7 million of SBA guaranteed loans

¹Reclassed ~\$200 million from RE leasing to F&I in 3Q

C&I - Sponsor Finance

- \$829 million to 86 companies
- Senior Debt/Adj. EBITDA < 3.0X ~ 68%
- Total Debt/Adj. EBITDA < 4.0X ~ 80%
- FCCR > 1.50X ~ 60%
- ~2.7% Classified

Construction Finance

- \$185 million Resi Real Estate Construction
- \$837 million CRE Construction & Land

0/		_
%	ĸ	E

(\$M)	<u>Balance</u>	Commit.	Constr/Land
Multi-Family	\$508	\$820	60.7%
Industrial	90	113	10.8%
Self Storage	72	78	8.6%
Office - Medical	23	27	2.7%
Office - General	10	29	1.2%

Mortgage & Consumer

Home Equity / Other Consumer

 > 95% of \$679 million in consumer loans had a credit score exceeding 669 at origination²

Residential Mortgage

- \$263 million residential mortgage secured, related to commercial loan relationships
- \$2.0 billion residential mortgage loans
 - > 90% of \$1.8 billion in residential portfolio loans had a credit score at origination exceeding 669³



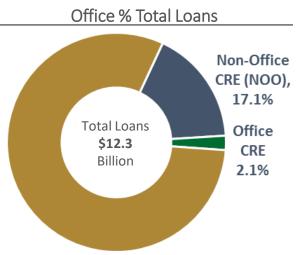
²Excludes ~14% of loans where origination data is unavailable ³Excludes ~13% of residential loans where origination data is unavailable

Loan Portfolio Insights (continued)

Commercial Real Estate (Non-Owner Occupied) (\$M)

	Multi-	Warehouse						Total CRE
	Family	Industrial	Retail	Office	/ Storage	Hotel	Other	(NOO)
Balance:	\$678.6	\$388.0	\$374.5	\$259.8	\$240.8	\$153.6	\$265.3	\$2,360.6
Commitment:	\$717.6	\$400.4	\$380.8	\$265.8	\$255.9	\$154.1	\$298.0	\$2,472.6
# of loans:	468	492	324	219	101	32	132	1,768
% of Total Loans:	5.6%	3.1%	3.0%	2.1%	2.0%	1.2%	2.2%	19.2%
Average Loan Balance:	\$1.5	\$0.8	\$1.2	\$1.2	\$2.4	\$4.8	\$2.0	\$1.3
Top 10 - Avg. Loan Com:	\$18.2	\$8.6	\$9.9	\$11.2	\$14.8	\$12.2	\$16.3	\$23.4

Office (Non-Owner Occupied) (\$M)

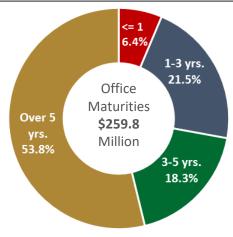


Office Type	:
General Office	\$124.9
Medical	71.6
Mixed	26.7
Government	21.1
Other	15.5

Office Tenant Clas	sification
Multi Tenant	157.9
Single Tenant	101.9

Office Geograp	ohic
Michigan	90.5
Indiana	66.6
Ohio	36.6
Oklahoma	25.0
Illinois	24.0
Other	17.1

Office - Maturities



- Top 10 loans are 41% of total office with WALTV of ~60% at origination
- Largest NOO Office \$25 million, medical office, 39% LTV
- 2nd largest \$19 million, 40% owner occupied



Asset Quality

Asset Quality Trends (\$M)

	3Q22	4Q22	1Q23	2Q23	3Q23
1. Non-Accrual Loans	\$ 43.5	\$ 42.3	\$ 46.6	\$ 69.2	\$ 53.1
2. Other Real Estate	6.5	6.5	7.8	7.7	6.5
3. 90PD Loans	0.7	1.7	7.0	0.4	0.1
4. Renegotiated Loans	0.2	0.2			
5. NPAs + 90PD	\$ 50.9	\$ 50.7	\$ 61.4	\$ 77.3	\$ 59.7
6. NPAs + 90PD/Loans and ORE	0.44%	0.42%	0.50%	0.63%	0.49%
7. Classified Loans	\$207.1	\$215.2	\$250.5	\$257.0	\$232.2
8. Classified Loans/Loans	1.77%	1.79%	2.04%	2.09%	1.89%
9. Net Charge-offs (QTD)	\$ (0.4)	\$ 3.4	\$ 0.2	\$ 1.9	\$ 20.4
QTD NCO/Avg. Loans (Annualized)	-0.01%	0.12%	0.01%	0.06%	0.66%

Highlights

- Top three nonaccruals declined from \$34.6 million to \$17.1 million
 - Senior Living
 - Rental and sale of machinery equipment
 - Material Handling
- NPAs + 90PD declined \$17.6 million or 14 bps to 0.49% of loans and ORE
- Classified Loans declined \$24.8 million. A decline of 20 bps as a % of loans
- Q3 Net Charge-offs of \$20.4 million
 - \$19.1 million related to charge-off of two non-accruals from Q2 2023

Nonperforming Assets

Nonperforming Assets Roll Forward (\$M)

		3Q22	4Q22	1Q23	2Q23	3Q23
1.	Beginning Balance NPAs + 90PD	\$53.3	\$50.9	\$50.7	\$61.4	\$77.3
	<u>Nonaccrual</u>					
2.	Add: New Nonaccruals	9.0	7.3	15.4	33.2	7.5
3.	Less: To Accrual or Payoff	(10.7)	(4.8)	(8.6)	(8.3)	(2.5)
4.	Less: To OREO	0.1	0.1	(1.4)	-	(0.2)
5.	Less: Charge-offs	(0.9)	(3.8)	(1.1)	(2.3)	(20.9)
6.	Nonaccrual Loans Change	(2.5)	(1.2)	4.3	22.6	(16.1)
	Other Real Estate Owned (ORE)					
7.	Add: New ORE Properties	0.1	0.1	1.4	-	0.2
8.	Less: ORE Sold	(0.1)	(0.1)	(0.1)	(0.1)	(1.4)
9.	Less: ORE Losses (write-downs)					
10.	ORE Change	-	-	1.3	(0.1)	(1.2)
11.	90PD Change	0.1	1.0	5.3	(6.6)	(0.3)
12.	Renegotiated Loans Change			(0.2)		
13.	NPAs + 90PD Change	(2.4)	(0.2)	<u> 10.7</u>	<u>15.9</u>	<u>(17.6)</u>
14.	Ending Balance NPAs + 90PD	\$50.9	\$50.7	\$61.4	\$77.3	\$59.7

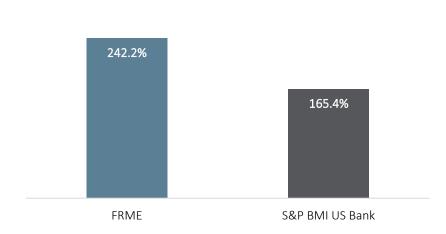
Highlights

Nonaccrual Migration:

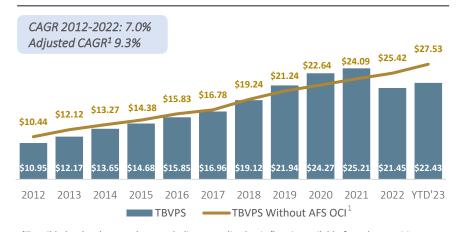
- \$17.6 million reduction in NPAs and 90 day past due
 - \$7.5 million in new nonaccruals. Largest loan
 was a \$1.2 million automotive parts manufacturer
 - \$1.1 million OREO property sold this quarter
 - 90 days PD reduced \$0.3 million

Track Record of Shareholder Value

10-Year Total Return (2012-2022)



Tangible Book Value per Share



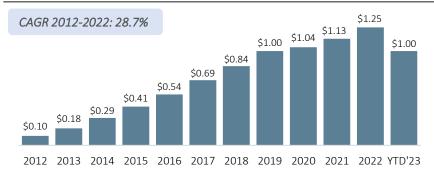
¹Tangible book value per share excluding unrealized gain/loss in available for sale securities.

First Merchants Corporation Helping you prosper

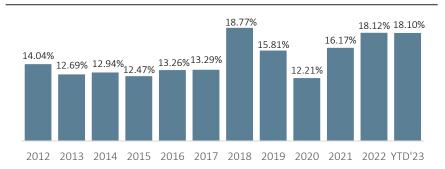
Earnings per Share



Dividends per Share

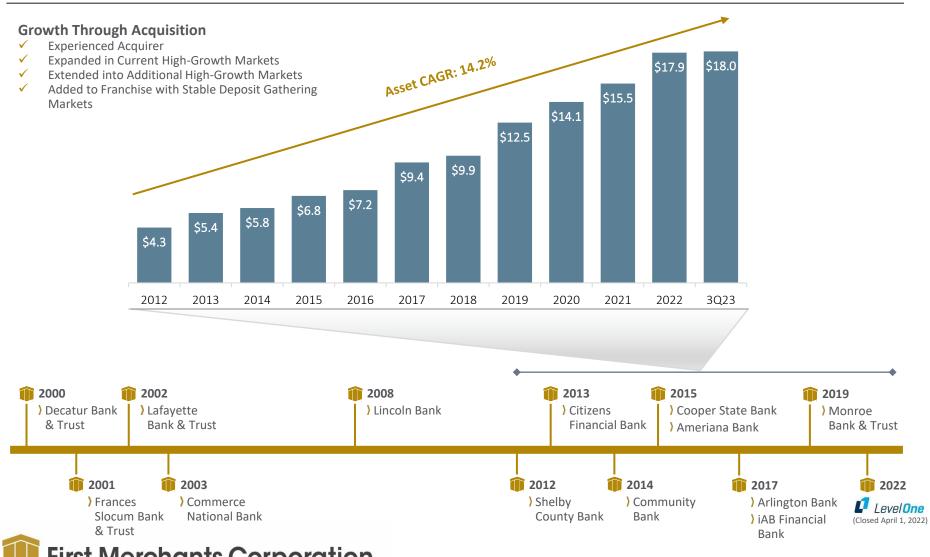


Return on Tangible Common Equity



History of Organic and Whole Bank Acquisition Growth





First Merchants Corporation
Helping you prosper

Vision for the Future

Our Vision: To enhance the financial wellness of the diverse communities we serve.

Our Mission: To be the most attentive, knowledgeable, and high-performing bank for our clients, teammates, and shareholders.

Our Team: We are a collection of dynamic colleagues with diverse experiences and perspectives who share a passion for positively impacting lives. We are genuinely committed to attracting and engaging teammates of diverse backgrounds. We believe in the power of inclusion and belonging.

Strategic Imperatives:

- Lead a brand-focused cultural transformation through inclusivity, teamwork, performance management, career development, rewards, and work-life balance
- Produce organic growth across all lines of business and markets through focused, datadriven, industry-leading client acquisition, expansion, and retention activities
- Invest in the digital transformation of our delivery channels to simplify the client experience
- Maintain top-quartile financial results supported by industry-leading governance, risk, and compliance practices to ensure long-term sustainability
- Continue to leverage our core competency in acquisitions to enhance growth, efficiency, and high performance
- Cultivate a high-quality shareholder base that values environmental, social, and governance initiatives inspired by our stakeholder-centric business model



APPENDIX

ADJUSTED EPS EXCLUDING PAYCHECK PROTECTION PROGRAM ("PPP") AND ACQUISITION-RELATED EXPENSES

	3Q22	4Q22	1Q23	2Q23	3Q23	9/	30/21 YTD	9/	30/22 YTD	9/3	30/23 YTD
(Dollars in Thousands, Except Per Share Amounts)											
Net Income Available to Common Stockholders - GAAP	\$ 63,283	\$ 70,292	\$ 63,610	\$ 60,393	\$ 55,898	\$	157,798	\$	150,391	\$	179,901
Adjustments:											
PPP loan income	(323)	(109)	(25)	(9)	(8)		(27,179)		(3,098)		(42)
Acquisition-related expenses	3,417	413	-	-	-		-		16,118		-
Acquisition-related provision expense	-	-	-	-	-		-		16,755		-
Tax on adjustment	(759)	(75)	6	2	2		6,664		(7,301)		10
Adjusted Net Income Available to Common Stockholders - NON-GAAP	\$ 65,618	\$ 70,521	\$ 63,591	\$ 60,386	\$ 55,892	\$	137,283	\$	172,865	\$	179,869
Average Diluted Common Shares Outstanding	59,339	59,384	59,441	59,448	59,503		54,093		57,468		59,465
Diluted Earnings Per Common Share - GAAP	\$ 1.08	\$ 1.19	\$ 1.07	\$ 1.02	\$ 0.94	\$	2.92	\$	2.62	\$	3.03
Adjustments:											
PPP loan income	-	(0.01)	-	-	-		(0.50)		(0.05)		-
Acquisition-related expenses	0.05	0.01	-	-	-		-		0.27		-
Acquisition-related provision expense	-	-	-	-	-		-		0.30		-
Tax on adjustment	(0.01)	-	-	-	-		0.12		(0.13)		-
Adjusted Diluted Earnings Per Common Share - NON-GAAP	\$ 1.12	\$ 1.19	\$ 1.07	\$ 1.02	\$ 0.94	\$	2.54	\$	3.01	\$	3.03

PRE-TAX, PRE-PROVISION ("PTPP") EARNINGS EXCLUDING ACQUISITION-RELATED EXPENSES

		3Q22		4Q22		1Q23		2Q23		3Q23	9/	30/21 YTD	9,	/30/22 YTD	9/3	30/23 YTD
(Dollars in Thousands, Except Per Share Amounts)																
Net Interest Income (GAAP)	ć	140,307	\$	148,956	\$	144,119	\$	137,835	\$	133,383	\$	309,407	\$	371,247	\$	415,337
Other Income (GAAP)		29,616		24,151		24,997		26,319		27,842		83,476		83,790		79,158
Total Revenue		169,923		173,107		169,116		164,154		161,225		392,883		455,037		494,495
Less: Other Expenses (GAAP)		(96,378))	(89,699)		(93,720)		(92,593)		(93,854)		(206,777)		(266,016)		(280,167)
Add: Acquisition-Related Expenses (GAAP)		3,417		413		-		-		-		-		16,118		-
Pre-Tax, Pre-Provision Earnings (non-GAAP)	<u> </u>	76,962	\$	83,821	\$	75,396	\$	71,561	\$	67,371	\$	186,106	\$	205,139	\$	214,328
Average Assets (GAAP)	ţ	17,770,623	\$1	7,834,468	\$1	8,022,195	\$ 1	18,170,649	\$:	18,152,239	\$ 1	14,672,596	\$	17,012,930	\$ 1	8,115,504
Average Equity (GAAP)	ç	2,018,156	\$	1,958,041	\$	2,083,125	\$	2,139,877	\$	2,154,232	\$	1,858,680	\$	1,977,299	\$	2,126,005
Average Diluted Common Shares		59,339		59,384		59,441		59,448		59,503		54,093		57,468		59,465
PTPP/Average Assets (PTPP ROA)		1.73%		1.88%		1.67%		1.58%		1.48%		1.69%		1.61%		1.58%
PTPP/Average Equity (PTPP ROE)		15.25%		17.12%		14.48%		13.38%		12.51%		13.35%		13.83%		13.44%
PTPP/Average Diluted Common Shares	ζ,	1.30	\$	1.41	\$	1.27	\$	1.20	\$	1.13	\$	3.44	\$	3.57	\$	3.60



EFFICIENCY RATIO (dollars in thousands):

	3Q22	4Q22	1Q23	2Q23	3Q23	3Q21 YTD	3Q22 YTD	3Q23 YTD
EFFICIENCY RATIO (dollars in thousands):								
Non Interest Expense (GAAP)	\$ 96,378	\$ 89,699	\$ 93,720	\$ 92,593	93,854	\$ 206,777	\$ 266,016	\$ 280,167
Less: Intangible Asset Amortization	(2,303)	(2,303)	(2,197)	(2,182)	(2,182)	(4,284)	(5,972)	\$ (6,561)
Less: OREO and Foreclosure Expenses	(328)	(197)	18	(916)	(677)	(821)	(626)	\$ (1,575)
Adjusted Non Interest Expense (non-GAAP)	93,747	87,199	91,541	89,495	90,995	201,672	259,418	272,031
Net Interest Income (GAAP)	140,306	148,956	144,119	137,835	133,383	309,407	371,247	415,337
Plus: Fully Taxable Equivalent Adjustment	6,316	6,370	6,321	5,858	5,911	14,991	18,220	18,090
Net Interest Income on a Fully Taxable Equivalent Basis (non-GAAP)	146,622	155,326	150,440	143,693	139,294	324,398	389,467	433,427
Non Interest Income (GAAP)	29,617	24,150	24,997	26,319	27,842	83,476	83,791	79,158
Less: Investment Securities Gains (Losses)	(481)	(57)	1,571	1,392	1,650	(5,316)	(1,137)	4,613
Adjusted Non Interest Income (non-GAAP)	29,136	24,093	26,568	27,711	29,492	78,160	82,654	83,771
Adjusted Revenue (non-GAAP)	175,758	179,419	177,008	171,404	168,786	402,558	472,121	517,198
Efficiency Ratio (non-GAAP)	53.34%	48.60%	51.72%	52.21%	53.91%	50.10%	54.95%	52.60%



CAPITAL RATIOS (dollars in thousands):

	3Q21	3Q22	4Q22	1Q23	2Q23	3Q23
Total Risk-Based Capital Ratio (dollars in thousands)						
Total Stockholders' Equity (GAAP)	1,868,090	1,906,666	2,034,770	2,122,448	2,145,565	2,092,644
Adjust for Accumulated Other Comprehensive (Income) Loss ¹	(39,889)	314,089	239,151	198,914	217,964	307,270
Less: Preferred Stock	(125)	(25,125)	(25,125)	(25,125)	(25,125)	(25,125)
Add: Qualifying Capital Securities	46,546	25,000	25,000	25,000	25,000	25,000
Less: Tier 1 Capital Deductions	-	-	-	-	-	-
Less: Disallowed Goodwill and Intangible Assets	(565,221)	(740,780)	(738,206)	(736,429)	(734,666)	(732,903)
Less: Disallowed Deferred Tax Assets	(1,005)	(1,267)	(337)	(351)	(258)	(192)
Add: Modified CECL Transition Amount	34,542	23,028	23,028	11,514	11,514	11,514
Total Tier 1 Capital (Regulatory)	\$ 1,342,938	\$ 1,501,611 \$	1,558,281 \$	1,595,971 \$	1,639,994 \$	1,678,208
Qualifying Subordinated Debentures	65,000	143,089	143,103	143,118	143,132	143,147
Allowance for Loan Losses includible in Tier 2 Capital	139,200	178,490	180,870	182,308	183,106	184,046
Total Risk-Based Capital (Regulatory)	\$ 1,547,138	\$ 1,823,190 \$	1,882,254 \$	1,921,397 \$	1,966,232 \$	2,005,401
Net Risk-Weighted Assets (Regulatory)	\$ 11,037,663	\$ 14,196,430 \$	14,392,671 \$	14,524,959 \$	14,590,561 \$	14,683,329
Total Risk-Based Capital Ratio (Regulatory)	14.02%	12.84%	13.08%	13.23%	13.48%	13.66%
Common Equity Tier 1 Capital Ratio						
Total Tier 1 Capital (Regulatory)	\$ 1,342,938	\$ 1,501,611 \$	1,558,281 \$	1,595,971 \$	1,639,994 \$	1,678,208
Less: Qualified Capital Securities	(46,546)	(25,000)	(25,000)	(25,000)	(25,000)	(25,000)
Add: Additional Tier 1 Capital Deductions	=	=	=	=	=	-
Common Equity Tier 1 Capital (Regulatory)	\$ 1,296,392	\$ 1,476,611 \$	1,533,281 \$	1,570,971 \$	1,614,994 \$	1,653,208
Net Risk-Weighted Assets (Regulatory)	\$ 11,037,663	\$ 14,196,430 \$	14,392,671 \$	14,524,959 \$	14,590,561 \$	14,683,329
Common Equity Tier 1 Capital Ratio (Regulatory)	11.75%	10.40%	10.65%	10.82%	11.07%	11.26%

¹ Includes net unrealized gains or losses on securities available for sale, net gains or losses on cash flow hedges, and amounts resulting from the application of the applicable accounting guidance for the defined benefit and other postretirement plans.



TANGIBLE COMMON EQUITY RATIO (dollars in thousands):

	3Q21	3Q22	4Q22	1Q23	2Q23	3Q23
Tangible Common Equity Ratio (dollars in thousands)			•			
Total Stockholders' Equity (GAAP)	\$ 1,868,090	\$ 1,906,666	\$ 2,034,770	\$ 2,122,448	\$ 2,145,565	\$ 2,092,644
Less: Preferred Stock	(125)	(25,125)	(25,125)	(25,125)	(25,125)	(25,125)
Less: Intangible Assets	 (572,323)	(750,713)	(747,844)	(745,647)	(743,465)	(741,283)
Tangible Common Equity (non-GAAP)	\$ 1,295,642	\$ 1,130,828	\$ 1,261,801	\$ 1,351,676	\$ 1,376,975	\$ 1,326,236
Total Assets (GAAP)	\$ 15,060,725	\$ 17,718,985	\$17,938,306	\$ 18,178,908	\$ 17,968,412	\$ 17,996,648
Less: Intangible Assets	 (572,323)	(750,713)	(747,844)	(745,647)	(743,465)	(741,283)
Tangible Assets (non-GAAP)	\$ 14,488,402	\$ 16,968,272	\$ 17,190,462	\$ 17,433,261	\$ 17,224,947	\$ 17,255,365
Tangible Common Equity Ratio (non-GAAP)	8.94%	6.66%	7.34%	7.75%	7.99%	7.69%

TANGIBLE COMMON EQUITY PER SHARE (dollars in thousands):

		4Q12		4Q13		4Q14		4Q15		4Q16		4Q17		4Q18	,	4Q19
Tangible Common Equity Per Share																
Total Stockholders' Equity (GAAP)	\$	552,236	\$	634,923	\$	726,827	\$	850,509	\$	901,657	\$1	,303,463	\$1	,408,260	\$1,	786,437
Less: Preferred Stock		(90,908)		(125)		(125)		(125)		(125)		(125)		(125)		(125)
Less: Intangible Assets		(149,529)		(202,767)		(218,755)		(259,764)		(258,866)		(476,503)		(469,784)	((578,881)
Tax Benefit		2,249		4,973		6,085		6,278		5,930		6,788		5,017		7,257
Tangible Common Equity, Net of Tax (non-GAAP)	\$	314,048	\$	437,004	\$	514,032	\$	596,898	\$	648,596	\$	833,623	\$	943,368	\$1,	214,688
Common Shares Outstanding	2	8,692,616	3	5,921,761	3	7,669,948	4	0,664,258	40	0,912,697	49	,158,238	49	,349,800	55,	368,482
Tangible Common Equity per Share (non-GAAP)	\$	10.95	\$	12.17	\$	13.65	\$	14.68	\$	15.85	\$	16.96	\$	19.12	\$	21.94
		4020		3021		4021		3022		4022		1023		2023		3023

	4Q20	3Q21	4Q21	3Q22	4Q22	1Q23	2Q23	3Q23
Tangible Common Equity Per Share								
Total Stockholders' Equity (GAAP)	\$ 1,875,645	\$ 1,868,090	\$1,912,571	\$ 1,906,666	\$ 2,034,770	\$ 2,122,448	\$ 2,145,565	\$ 2,092,644
Less: Preferred Stock	(125)	(125)	(125)	(25,125)	(25,125)	(25,125)	(25,125)	(25,125)
Less: Intangible Assets	(572,893)	(572,323)	(570,860)	(750,713)	(747,844)	(745,647)	(743,465)	(741,283)
Tax Benefit	5,989	5,153	4,875	8,197	7,702	7,231	6,760	6,290
Tangible Common Equity, Net of Tax (non-GAAP)	\$ 1,308,616	\$ 1,300,795	\$ 1,346,461	\$ 1,139,025	\$1,269,503	\$ 1,358,907	\$ 1,383,735	\$ 1,332,526
Common Shares Outstanding	53,922,359	53,510,745	53,410,411	59,145,414	59,170,583	59,257,051	59,297,148	59,398,022
Tangible Common Equity per Share (non-GAAP)	\$ 24.27	\$ 24.31	\$ 25.21	\$ 19.26	\$ 21.45	\$ 22.93	\$ 23.34	\$ 22.43



RETURN ON TANGIBLE COMMON EQUITY (dollars in thousands):

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021 YTD
Return on Tangible Common Equity										
Total Average Stockholders' Equity (GAAP)	\$ 535,506	\$ 540,255	\$ 675,295	\$ 753,724	\$ 884,664	\$1,110,524	\$1,343,861	\$1,569,615	\$ 1,825,135	\$ 1,858,680
Less: Average Preferred Stock	(90,908)	(47,537)	(125)	(125)	(125)	(125)	(125)	(125)	(125)	(125)
Less: Average Intangible Assets, Net of Tax	(147,889)	(153,519)	(199,354)	(215,281)	(254,332)	(360,005)	(467,421)	(499,622)	(569,377)	(567,815)
Average Tangible Common Equity, Net of Tax (non-GAAP)	\$ 296,709	\$ 339,199	\$ 475,816	\$ 538,318	\$ 630,207	\$ 750,394	\$ 876,315	\$ 1,069,868	\$ 1,255,633	\$1,290,740
Net Income Available to Common Stockholders (GAAP)	\$ 40,583	\$ 42,150	\$ 60,162	\$ 65,384	\$ 81,051	\$ 96,070	\$ 159,139	\$ 164,460	\$ 148,600	\$ 157,798
Plus: Intangible Asset Amortization, Net of Tax	1,081	892	1,395	1,720	2,542	3,670	5,307	4,736	4,730	3,384
Tangible Net Income (non-GAAP)	\$ 41,664	\$ 43,042	\$ 61,557	\$ 67,104	\$ 83,593	\$ 99,740	\$ 164,446	\$ 169,196	\$ 153,330	\$ 161,182
Return on Tangible Common Equity (non-GAAP)	14.04%	12.69%	12.94%	12.47%	13.26%	13.29%	18.77%	15.81%	12.21%	16.65%

	2021	3Q22	2022 YTD	4Q22	2022	1Q23	2Q23	3Q23	2023 YTD
Return on Tangible Common Equity									
Total Average Stockholders' Equity (GAAP)	\$ 1,866,632	\$ 2,018,156	\$ 1,977,299	\$1,958,041	\$ 1,972,445	\$ 2,083,125	\$ 2,139,877	\$ 2,154,232	\$ 2,126,005
Less: Average Preferred Stock	(125)	(25,125)	(16,792)	(25,125)	(18,875)	(25,125)	(25,125)	(25,125)	(25,125)
Less: Average Intangible Assets, Net of Tax	(567,512)	(744,069)	(685,707)	(741,632)	(699,803)	(739,190)	(737,489)	(735,787)	(737,476)
Average Tangible Common Equity, Net of Tax (non-GAAP)	\$ 1,298,995	\$ 1,248,962	\$ 1,274,800	\$1,191,284	\$ 1,253,767	\$ 1,318,810	\$ 1,377,263	\$ 1,393,320	\$ 1,363,404
Net Income Available to Common Stockholders (GAAP)	\$ 205,531	\$ 63,283	\$ 150,391	\$ 70,292	\$ 220,683	\$ 63,610	\$ 60,393	\$ 55,898	\$ 179,901
Plus: Intangible Asset Amortization, Net of Tax	4,540	1,819	4,718	1,819	6,537	1,734	1,724	1,724	5,182
Tangible Net Income (non-GAAP)	\$ 210,071	\$ 65,102	\$ 155,109	\$ 72,111	\$ 227,220	\$ 65,344	\$ 62,117	\$ 57,622	\$ 185,083
Return on Tangible Common Equity (non-GAAP)	16.17%	20.85%	16.22%	24.21%	18.12%	19.82%	18.04%	16.54%	18.10%

