

Annual Shareholder Meeting April 24, 2020

Disclosures

FORWARD-LOOKING STATEMENTS

This investor presentation contains forward-looking statements, as defined by federal securities laws, including statements about CapStar Financial Holdings, Inc. ("CapStar") and its financial outlook and business environment. These statements are based on current expectations and are provided to assist in the understanding of our operations and future financial performance. Our operations and such performance involves risks and uncertainties, including but in no way limited to the effect of the COVID-19 pandemic, that may cause actual results to differ materially from those expressed or implied in any such statements. For a discussion of some of the risks and other factors that may cause such forward-looking statements to differ materially from actual results, please refer to CapStar's filings with the Securities and Exchange Commission, including its 2019 Annual Report on Form 10-K under the sections entitled "Forward-Looking Statements" and "Item 1A Risk Factors." Forward-looking statements speak only as of the date they are made, and except as otherwise required by applicable law, we undertake no obligation to update or revise forward-looking statements.

NON-GAAP MEASURES

This investor presentation includes financial information determined by methods other than in accordance with generally accepted accounting principles ("GAAP"). This financial information includes certain operating performance measures, which exclude mergerrelated and other charges that are not considered part of recurring operations. Such measures include: "Efficiency ratio – operating," "Expenses – operating," "Earnings per share – operating," "Diluted earnings per share – operating," "Tangible book value per share," "Return on common equity – operating," "Return on tangible common equity – operating," "Return on assets – operating," and "Tangible common equity to tangible assets."

Management has included these non-GAAP measures because it believes these measures may provide useful supplemental information for evaluating CapStar's underlying performance trends. Further, management uses these measures in managing and evaluating CapStar's business and intends to refer to them in discussions about our operations and performance. Operating performance measures should be viewed in addition to, and not as an alternative to or substitute for, measures determined in accordance with GAAP, and are not necessarily comparable to non-GAAP measures that may be presented by other companies. To the extent applicable, reconciliations of these non-GAAP measures to the most directly comparable GAAP measures can be found in the 'Non-GAAP Reconciliation Tables' included in the exhibits to this presentation.

MARKET DATA

Market data used in this presentation has been obtained from government and independent industry sources and publications available to the public, sometimes with a subscription fee, as well as from research reports prepared for other purposes. Industry publications and surveys and forecasts generally state that the information contained therein has been obtained from sources believed to be reliable. The Company did not commission the preparation of any of the sources or publications referred to in this presentation. The Company has not independently verified the data obtained from these sources, and, although the Company believes such data to be reliable as of the dates presented, it could prove to be inaccurate. Forward-looking information obtained from these sources is subject to the same qualifications and the additional uncertainties regarding the other forward-looking statements in this presentation.

Year in Review





2019 Results

April 2020

Accomplishments

January

CapStar opens a newly remodeled financial center to serve our clients in the **Brentwood** market.

April

CapStar successfully completes the systems conversion and rebranding of **Athens Federal Community Bank** locations in McMinn, Monroe, Bradley and Loudon counties.

May

Tim Schools joins CapStar as the bank's second President and CEO.

June

The Small Business Administration's Office of Credit Risk Management grants CapStar **Preferred Lender** status, the highest status that a funding bank can hold in the SBA program.

CapStar receives a Top 5-Star rating from Bauer Financial for the second consecutive year.

July

CapStar is recognized by The Tennessean as a 2019 Top Workplace.

September

CapStar announces exit of **Corsair Investments** with sale of remaining stock (1,543,361 shares or 8.3% of the total number of fully diluted shares of common stock at the time), demonstrating demand for CapStar stock and increasing shareholder liquidity.

October

Greenwich Associates selects CapStar as a **2019 Greenwich CX Leader in US Business Banking** for the second consecutive year.

December/January 2020

CapStar announces expansion into the **Knoxville** market with the addition of five seasoned bankers and plans to open a financial center in Knox County in 2020.

CapStar announces agreement with **FCB Corporation** to merge with First National Bank of Manchester and The Bank of Waynesboro by adding financial centers in Cannon, Coffee, Rutherford, Wayne and Lawrence counties in 2020, increasing CapStar's Middle Tennessee presence and expanding the bank's footprint into West Tennessee.





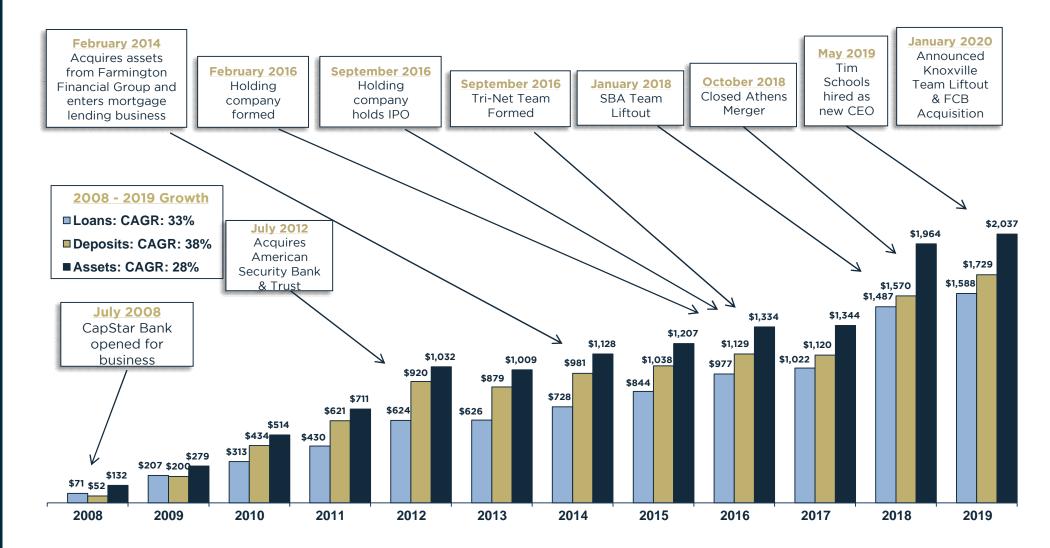




History

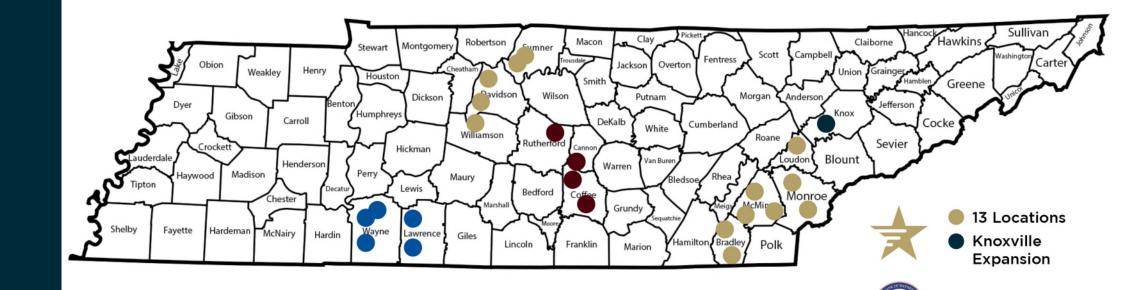
April 2020

2019 Results



Dollars in millions Data as of 12/31 for each respective year Note: loans inclusive of loans held for sale

2019 Results Market Presence



5 Locations

4 Locations

7 N B

FIRST NATIONAL BANK

2019 Results April 2020

Financial Highlights

	Operating Metrics ⁽¹⁾	2019	2018	Fav / (Unfav)
	Net Charge-Offs to Avg Loans	0.02%	0.39%	
	Non-Performing Assets/Assets	0.12%	0.16%	
Soundness	Allowance for Loan Losses to Total Loans	0.89%	0.85%	
	Tangible Common Equity/Tangible Assets	11.47%	10.39%	
	Total Risk Based Capital Ratio	13.45%	12.84%	
	Net Interest Margin (tax equivalent basis)	3.55%	3.64%	
Profitability	Efficiency Ratio	64.49%	65.05%	
	Pretax Preprovision Income / Assets ⁽²⁾	1.63%	1.53%	
	Return on Average Assets (ROAA)	1.21%	1.13%	
	Return on Average Equity (ROAE)	9.23%	9.82%	
	Return on Average Tangible Equity (ROATE)	11.14%	10.81%	
		¢1 C 71	¢1.0.45	74.00/
	Total Deposits (Avg)	\$1,671	\$1,245	34.2%
	Gross Loans and Leases (Avg)	1,452	1,135	27.9%
	Total Assets (Avg)	2,007	1,529	31.3%
Growth	Pretax PreProvision Income	32.68	23.47	39.3%
	Net Income	24.38	17.24	41.4%
	Diluted EPS	\$1.31	\$1.19	10.0%
	Tangible Book Value per Share	\$12.45	\$11.25	10.7%

- Credit quality metrics and capital ratios remain a core strength
- Continued expansion in profitability metrics:
 - PTPP/A +10 bps
 - ROAA + 8bps
- Opportunity to improve NIM and efficiency ratio
- Double-digit EPS and BVPS growth

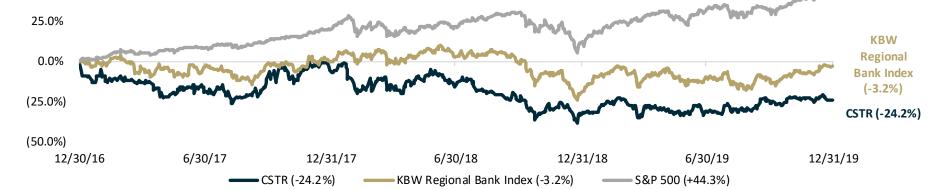
(1) Operating results are non-GAAP financial measures that adjust GAAP reported net income and other metrics for certain income and expense items. See the non-GAAP reconciliation calculations included in the Appendix at the end of this presentation, which use a blended statutory income tax rate of 26.14% and exclude non-deductible one-time merger related items

(2) Pretax Preprovision Operating ROA calculated as ROA excluding the effect of income tax expense, provision expense and merger charges

(3) Dollars in millions, except per share data

2019 Results Historical Common Stock Performance





Source: S&P Global Market Intelligence

Looking Forward



Looking Forward April 2020

As we move forward, CapStar has tremendous opportunities to continue to improve our performance.

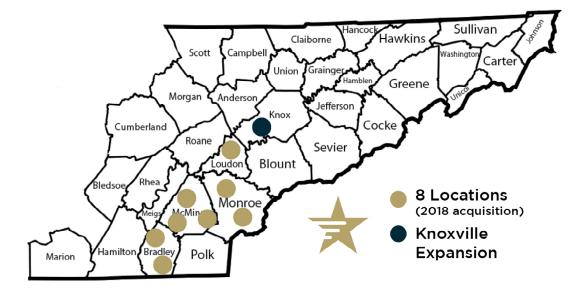
Our priorities are:

- 1. Enhancing the level and consistency of our profitability
 - Improving our net interest margin and its stability
 - Implementing expense disciplines proficient and frugal execution
 - Eliminating prior credit "spikes"
- 2. Expanding and accelerating our growth opportunities
 - Aggressively seeking to expand customer relationships in our existing markets
 - Strategically hiring additional talented bankers in or around our service areas
 - Actively pursuing acquisitions of well-managed, appropriately-priced banks
- 3. Improving the relative performance of our common stock
 - Creating an accountable, owner-operator culture
 - Reviewing company-wide incentive plans to align to shareholder performance

Looking Forward April 2020

Knoxville Expansion Strategy

- Announced our expansion into Knoxville in January 2020 with the hiring of five veteran, local bankers, capitalizing on our operations and growth in East Tennessee.
 - Expansion will leverage CapStar's 2018 investment of Athens Bancshares Corporation, a 90-year old institution with \$500MM in assets and eight financial centers across East Tennessee.
- Experienced market executives and advisory board positioned to establish CapStar as a leading provider of financial services across the Knoxville metropolitan area.
- Our team aspires to have ~ \$300MM in loan balances in 4 years and funding of at least 50% with local deposits.
 - \$91 million loan pipeline; closed \$3.3 million



East Tennessee Growth

Knoxville is Tennessee's third largest Combined Statistical Area (CSA) in terms of population size (1.1 million). It has recently been cited by U.S. New & World Report as one of the nation's top 50 places to live and recognized by Forbes and Livability as one of the nation's most recession resistant cities.

According to FDIC data as of June 30, 2019, 48 banks in the Knoxville CSA hold \$22.7 billion in local deposits.

Looking Forward April 2020

Merger Key Dates

Announced 1Q20

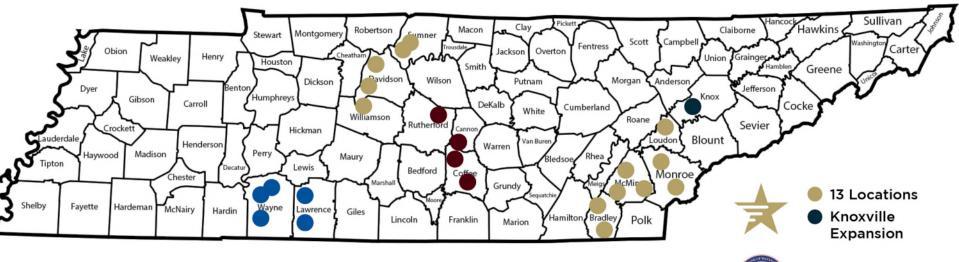
FNBM & BOW Shareholder Votes April 30

> Regulatory Approval 2Q20

Close 2Q/3Q20

System Conversions 4Q20

FCB Merger Strategy



Strategic Expansion

- Addition of two high-performing banking institutions, each with 115+ year histories
- Expands local banking efforts into fast-growing Rutherford County
- Provides added scale and operating efficiency
- Improves diversification, deposit/loan granularity and deposit/loan costs and yields

5 Locations

4 Locations

RST NATIONAL BANK

COVID-19 Response

F

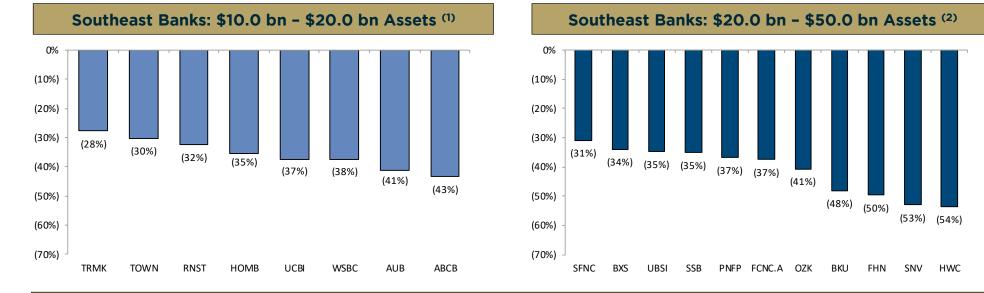


2020 YTD Price Performance

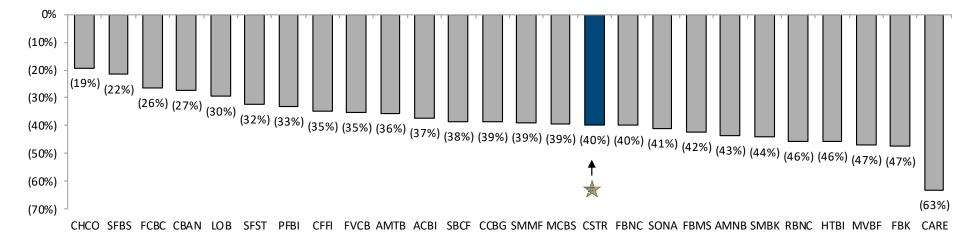
April 2020

COVID-19

Response



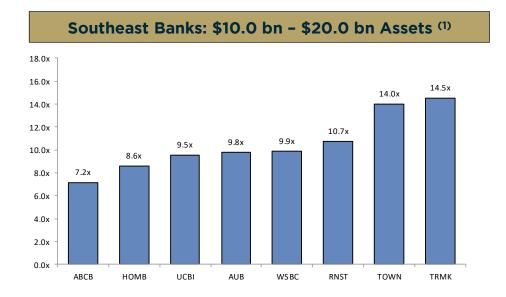
Southeast Banks: \$1.5 bn - \$10.0 bn Assets (3)



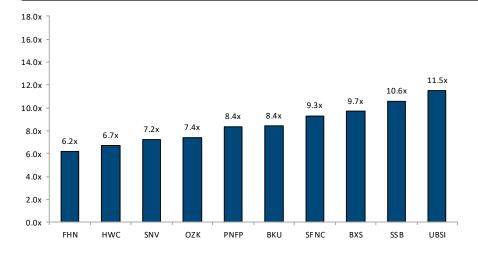
Source: S&P Global Market Intelligence Pricing data as of 4/14/20 Includes major exchange-traded banks headquartered in the Southeast with assets between \$10.0 bn and \$20.0 bn; excludes merger targets Includes major exchange-traded banks headquartered in the Southeast with assets between \$20.0 bn and \$50.0 bn; excludes merger targets Includes major exchange-traded banks headquartered in the Southeast with assets between \$1.5 bn and \$10.0 bn; excludes merger targets

COVID-19 Response April 2020

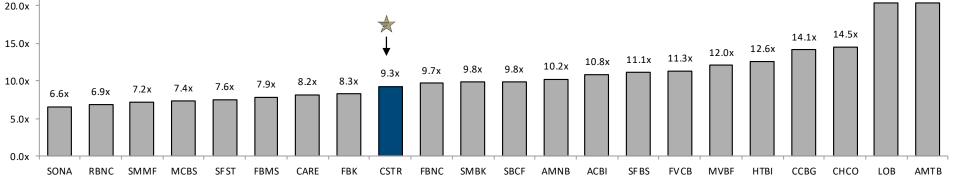
Price / 2021 EPS



Southeast Banks: \$20.0 bn - \$50.0 bn Assets (2)



Southeast Banks: \$1.5 bn - \$10.0 bn Assets (3)



Source: S&P Global Market Intelligence Pricing data as of 4/14/20

25.0x

Includes major exchange-traded banks headquartered in the Southeast with assets between \$10.0 bn and \$20.0 bn; excludes merger targets Includes major exchange-traded banks headquartered in the Southeast with assets between \$20.0 bn and \$50.0 bn; excludes merger targets Includes major exchange-traded banks headquartered in the Southeast with assets between \$1.5 bn and \$10.0 bn; excludes merger targets COVID-19 Response April 2020

Three-Step Mission We're in this Together

- 1. Provide care for our employees and clients
- 2. Protect the bank

3. Make CapStar shine in our communities

Pandemic Oversight Committee

Engaged: March 16 **Meets:** Daily at least five days per week **Purpose:** Provide direction to daily activities

- Chief Operations and Technology Officer (Chair)
- President and CEO
- East Tennessee Market Leadership
- Middle Tennessee Market Leadership
- Mortgage Director
- Chief Credit Officer
- Chief Culture Officer
- Chief Financial Officer
- Chief Risk Officer
- Bank of Waynesboro CEO (Guest)
- First National Bank of Manchester CEO (Guest)

Internal Involvement

Risk Committee

Pandemic Credit Committee

External Involvement

Crowe

Elliott Davis

Federal Reserve

FIS

Board Involvement

Chair

Risk Committee

Board

COVID-19 Response

April 2020

Response Initiatives

Team Member Protection and Support

- Since March 16, have operated 100% remotely, other than financial centers, due to forward-thinking workforce investment in laptops, VPNs, and doubling of bandwidth
- Weekly all-employee calls for health/wellness check, teammate acknowledgments, remote work productivity assessment, response program and announcements/updates, etc.
- Redirected financial center service to drive-thru, digital access and by appointment only on March 23



71%

Client Support and Assistance

- Market frontrunner in offering hassle-free 90-day full payment deferral to all CapStar borrowers
- Suspended all credit agency reporting through June 30
- Leader in providing SBA assistance, including facilitating the CARES Act Paycheck Protection Program (PPP), for client and non-client small businesses across Tennessee

Community Investment

- To directly support the families and children in our communities most impacted by COVID-19, CapStar donated \$30,000 to local food banks in our markets
- At an average cost of approximately \$3.00 per meal, CapStar's contribution will provide our neighbors over 10,000 meals during this challenging period



COVID-19 Response April 2020

Community Feedback

"Your SBA and PPP information is simple, informative and very well organized. We are even referring our clients to your website for information ... *this will definitely open the door for future business.*"

"It is evident the CapStar team was **working 110%** to ensure that clients are well informed and receiving the assistance they need as my calls are picked up at all hours – including weekends. *When the going got tough, it was great to know our local banking team was there for us.*"

"Once again, CapStar has proven their commitment of going above and beyond for their customers. My bankers worked 24/7 to accept, process and approve my PPP loan application in less than a week. **During these times of uncertainty, you can certainly count on CapStar**."

"I am bragging all over town about you. I work with dozens of clients who use a variety of banks and CapStar has been **first over the finish line** for PPP loans. We love you and appreciate you so much."

> "While other small businesses are still working with their bank on what needs to be submitted, my business is already SBA approved and will be funded this week. **Thank you, CapStar!**"

> > "One of Nashville's homegrown lenders is extending a financial lifeline to clients as the coronavirus continues to put a crunch on companies."

> > > Nashville Business Journal March 25, 2020

Questions



Appendix: Non-GAAP Reconciliations

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Non-GAAP Financial Measures

(Dollars in thousands, except per share information)	December 31, 2019		September 30, 2019		June 30, 2019		March 31, 2019		ember 31, 2018
TANGIBLE EQUITY									
Total Shareholders' Equity	\$	273,046	\$	268,082	\$	262,664	\$	259,751	\$ 254,379
Less: Intangible Assets		44,393		44,790		45,199		45,618	46,048
Tangible Equity		228,653		223,292		217,465		214,133	208,331
TANGIBLE COMMON EQUITY									
Tangible Equity	\$	228,653	\$	223,292	\$	217,465	\$	214,133	\$ 208,331
Less: Preferred Equity		-		-		9,000		9,000	9,000
Tangible Common Equity		228,653		223,292		208,465		205,133	199,331
TANGIBLE COMMON EQUITY TO TANGIBLE AS	SETS								
Tangible Common Equity	\$	228,653	\$	223,292	\$	208,465	\$	205,133	\$ 199,331
Total Assets		2,037,201		2,033,911		2,018,421		2,035,811	1,963,883
Less: Intangible Assets		44,393		44,790		45,199		45,618	46,048
Tangible Assets		1,992,808		1,989,121		1,973,223		1,990,193	1,917,835
Tangible Common Equity to Tangible Assets		11.47%		11.23%		10.56%		10.31%	10.39%

Non-GAAP Financial Measures

	Twelve Mo	nths Ended	Three Months Ended									
(Dollars in thousands, except per share information)	December 31, 2019	December 31, 2018	December 31, 2019	September 30, 2019	June 30, 2019	March 31, 2019	December 31, 2018					
RETURN ON AVERAGE TANGIBLE EQU	JITY (ROATE)											
Total Average Shareholders' Equity	\$ 264,124	\$ 175,686	\$ 271,568	\$ 266,441	\$ 261,197	\$ 257,105	\$ 245,811					
Less: Average Intangible Assets	45,256	16,174	44,646	45,050	45,456	45,890	45,687					
Average Tangible Equity	218,868	159,512	226,922	221,391	215,741	211,215	200,124					
Net Income	22,422	9,655	5,421	6,466	5,756	4,780	(708)					
Return on Average Tangible Equity (ROATE)	10.24%	6.05%	9.48%	11.59%	10.70%	9.18%	-1.40%					
RETURN ON AVERAGE TANGIBLE COM		(ROATCE)										
Average Tangible Equity	\$ 218,868	\$ 159,512	\$ 226,922	\$ 221,391	\$ 215,741	\$ 211,215	\$ 200,124					
Less: Preferred Equity	6,238	9,000	-	7,043	9,000	9,000	9,000					
Average Tangible Common Equity	212,630	150,512	226,922	214,347	206,741	202,215	191,124					
Net Income	22,422	9,655	5,421	6,466	5,756	4,780	(708)					
Return on Average Tangible Common Equity (ROATCE)	10.55%	6.41%	9.48%	11.97%	11.17%	9.59%	-1.47%					

Non-GAAP Financial Measures

(Dollars in thousands, except per share information)	December 31, 2019	September 30, 2019	June 30, 2019	March 31, 2019	December 31, 2018
TANGIBLE BOOK VALUE PER SHARE, REPORTE	ED				
Tangible Common Equity	\$ 228,653	\$ 223,292	\$ 208,465	\$ 205,133	\$ 199,331
Shares of Common Stock Outstanding	18,361,922	18,343,403	17,561,476	17,765,124	17,724,721
Tangible Book Value Per Share, Reported	\$12.45	\$12.17	\$11.87	\$11.55	\$11.25
SHARES OUTSTANDING AT END OF PERIOD					
Shares of Common Stock Outstanding	18,361,922	18,343,403	17,561,476	17,765,124	17,724,721
Shares of Preferred Stock Outstanding	-	-	878,048	878,048	878,048
Total Shares Outstanding at End of Period	18,361,922	18,343,403	18,439,524	18,643,172	18,602,769
TANGIBLE BOOK VALUE PER SHARE, ADJUSTE	D				
Tangible Equity	\$ 228,653	\$ 223,292	\$ 217,465	\$ 214,133	\$ 208,331
Total Shares Outstanding at End of Period	18,361,922	18,343,403	18,439,524	18,643,172	18,602,769
Tangible Book Value Per Share, Adjusted	\$12.45	\$12.17	\$11.79	\$11.49	\$11.20

Non-GAAP Financial Measures

	Twelve Months Ended					Three Months Ended									
(Dollars in thousands, except per share information)		December 31, D 2019		ember 31, 2018	31, December 3 2019		September 30, 2019		June 30, 2019		March 31, 2019			nber 31, 018	
OPERATING NET INCOME															
Net Income (Loss)	\$	22,422	\$	9,655	\$	5,421	\$	6,466	\$	5,756	\$	4,780	\$	(708)	
Add: Merger Related Expense		2,654		9,803		163		187		1,711		594		8,929	
Less: Income Tax Impact		(694)		(2,213)		(43)		(49)		(447)		(155)		(1,985)	
Operating Net Income		24,382		17,245	5,541			6,604		7,020		5,219	6,236		
OPERATING DILUTED NET INCOME PE	R SHA	ARE													
Operating Net Income	\$	24,382	\$	17,245	\$	5,541	\$	6,604	\$	7,020	\$	5,219	\$	6,236	
Average Diluted Shares Outstanding	1	18,613,224		14,480,347		18,443,916		18,532,479		18,650,706		18,830,933		8,716,562	
Operating Diluted Net Income per Share		\$1.31		\$1.19		\$0.30		\$0.36		\$0.38		\$0.28		\$0.33	
OPERATING RETURN ON AVERAGE AS	SSETS	(ROAA)													
Operating Net Income	\$	24,382	\$	17,245	\$	5,541	\$	6,604	\$	7,020	\$	5,219	\$	6,236	
Total Average Assets	2	2,007,327	1,528,915		2,030,231		2,005,950		2,004,207		1,988,478		1,940,991		
Operating Return on Average Assets (ROAA)	1.21%			1.13%	1.08%		1.31%		1.40%		1.06%			1.27%	
OPERATING RETURN ON AVERAGE TANGIBLE EQUITY (ROATE)															
Average Tangible Equity	\$	218,868	\$	159,512	\$	226,922	\$	221,391	\$	215,741	\$	211,215	\$	200,124	
Operating Net Income		24,382		17,245		5,541		6,604		7,020		5,219		6,236	
Operating Return on Average Tangible Equity (ROATE)		11.14%		10.81%		9.69%		11.83%		13.05%		10.02%		12.36%	

Operating results are non-GAAP financial measures that adjust GAAP reported net income and other metrics for certain income and expense items as outlined in the non-GAAP reconciliation calculations above using a blended statutory income tax rate of 26.14% excluding non-deductible one-time merger related items.

Non-GAAP Financial Measures

	Tw	elve Mo	nths	Ended	Three Months Ended									
(Dollars in thousands, except per share information)		nber 31, 019	1, December 31, 2018		December 31, 2019		September 30, 2019		, June 30, 2019		March 31, 2019			mber 31, 2018
OPERATING NONINTEREST EXPENSE														
Noninterest Expense	\$	61,995	\$	53,487	\$	15,266	\$	15,531	\$	16,470	\$	14,725	\$	23,832
Less: Merger Related Expense		(2,654)		(9,803)		(163)		(187)		(1,711)		(594)		(8,929)
Operating Noninterest Expense		59,341		43,684		15,103		15,344		14,759		14,131		14,903
OPERATING NONINTEREST EXPENSE	/ AVEF	RAGE AS	SETS											
Operating Noninterest Expense	\$	59,341	\$	43,684	\$	15,103	\$	15,344	\$	14,759	\$	14,131	\$	14,903
Total Average Assets	2,	,007,327		1,528,915	2,030,231		2,005,950		2,004,207		1,988,478		1,940,991	
Operating Noninterest Income / Average Assets		2.96%		2.86%		2.95%	3.04%		2.95%		6 2.88%			3.05%
OPERATING EFFICIENCY RATIO														
Operating Noninterest Expense	\$	59,341	\$	43,684	\$	15,103	\$	15,344	\$	14,759	\$	14,131	\$	14,903
Net Interest Income	67,748			51,692	16,581		17,156		17,008		17,002			17,716
Noninterest Income		24,274		15,459		5,719		6,788		7,032		4,735		6,387
Total Revenues	92,022			67,151		22,300	23,944		24,040		21,737			24,103
Operating Efficiency Ratio		64.49%		65.05%		67.73%		64.08%	61.39%		65.01%		61.83%	

Operating results are non-GAAP financial measures that adjust GAAP reported net income and other metrics for certain income and expense items as outlined in the non-GAAP reconciliation calculations above using a blended statutory income tax rate of 26.14% excluding non-deductible one-time merger related items.

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