

We see Growth.

4th Quarter 2022 Financials



Safe Harbor

This investor presentation (including any information incorporated herein by reference) and future oral and written statements of HTLF and its management, may contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, with respect to the business, financial condition, results of operations, plans, objectives and future performance of HTLF.

Any statements about HTLF's expectations, beliefs, plans, objectives, assumptions or future events or performance are not historical facts and may be forward-looking. Forward-looking statements may include information about possible or assumed future results of HTLF's operations or performance, and may be based upon beliefs, expectations and assumptions of HTLF's management. These forward-looking statements are generally identified by the use of the words such as "believe", "expect", "anticipate", "plan", "intend", "estimate", "project", "may", "will", "would", "could", "should", "may", "view", "opportunity", "potential", or similar or negative expressions of these words or phrases that are used in this investor presentation, , and future oral and written statements of HTLF and its management. Although HTLF may make these statements based on management's experience, beliefs, expectations, assumptions and best estimate of future events, the ability of HTLF to predict results or the actual effect or outcomes of plans or strategies is inherently uncertain, and there may be events or factors that management has not anticipated. Therefore, the accuracy and achievement of such forward-looking statements and estimates are subject to a number of risks, many of which are beyond the ability of management to control or predict, that could cause actual results to differ materially from those in its forward-looking statements. These factors, which HTLF currently believes could have a material effect on its operations and future prospects, are detailed below and in the risk factors in HTLF's reports filed with the Securities and Exchange Commission ("SEC"), including the "Risk Factors" section under Item 1A of Part I of HTLF's Annual Report on Form 10-K for the year ended December 31, 2021, include, among others:

- Coronavirus Disease 2019 ("COVID-19") Pandemic Risks, including risks related to the ongoing COVID-19 pandemic and measures enacted by the U.S. federal and state governments and adopted by private businesses in response to the COVID-19 pandemic;
- Economic and Market Conditions Risks, including risks related to changes in the U.S. economy in general and in the local economies in which HTLF conducts its operations and future civil unrest, natural disasters, terrorist threats or acts of war;
- Credit Risks, including risks of increasing credit losses due to deterioration in the financial condition of HTLF's borrowers, changes in asset and collateral values and climate and other borrower industry risks which may impact the provision for credit losses and net charge-offs;
- Liquidity and Interest Rate Risks, including the impact of capital market conditions and changes in monetary policy on our borrowings and net interest income;
- Operational Risks, including processing, information systems, cybersecurity, vendor, business interruption, and fraud risks;
- · Strategic and External Risks, including economic, political and competitive forces impacting our business;
- · Legal, Compliance and Reputational Risks, including regulatory and litigation risks; and
- · Risks of Owning Stock in HTLF, including stock price volatility and dilution as a result of future equity offerings and acquisitions.

There can be no assurance that other factors not currently anticipated by HTLF will not materially and adversely affect HTLF's business, financial condition and results of operations. In addition, many of these risks and uncertainties are currently amplified by and may continue to be amplified by the COVID-19 pandemic and the impact of varying governmental responses that affect HTLF's customers and the economies where they operate. Additionally, all statements in this investor presentation, including forward-looking statements speak only as of the date they are made. HTLF does not undertake and specifically disclaims any obligation to publicly release the results of any revisions which may be made to any forward-looking statement to reflect events or circumstances after the date of such statements or to reflect the occurrence of anticipated or unanticipated events or to otherwise update any statement in light of new information or future events. Further information concerning HTLF and its business, including additional factors that could materially affect HTLF's financial results, is included in HTLF's filings with the SEC.

Within the charts and tables presented, certain segments, columns and rows may not sum to totals shown due to rounding.



4Q 2022 Highlights

▲ \$1.37 EPS

available to common shareholders

▲ 3.65% NIM

fully tax equivalent (non-GAAP)
20 bps increase from the prior quarter

▲ \$505M Loan Growth

5% loan growth for the quarter 18% annualized

▲ 54.33% Efficiency Ratio

fully tax equivalent (non-GAAP)

▲ \$195M Total Revenue

quarterly growth of more than \$10 million

▲ 0.33% NPAs

30-89 day delinquencies 0.04% of total loans

▲ Charter Consolidation Progress

completed the consolidation of two bank charters during the 4Q22

Headquarters moved to Denver

move was effective December 31, 2022

▲ Total Assets over \$20B

15.6% CAGR over the past five years

Successful Shareholder Resolution

agreement reached with 13D group, including its dissolution



FY 2022 Highlights

- **\$4.79 EPS** available to common shareholders
- ▲ 3.37% NIM fully tax equivalent (non-GAAP)
- ▲ \$1.5B Loan Growth inclusive of \$200M of PPP loan run-off
- **► 57.74% Efficiency Ratio** fully tax equivalent (non-GAAP)
- ▲ \$727M Total Revenue

6% growth over 2021

▲ \$1.09 Dividends Paid to Shareholders

13.5% growth over 2021

▲ Charter Consolidation Progress

completed five charter consolidations in 2022

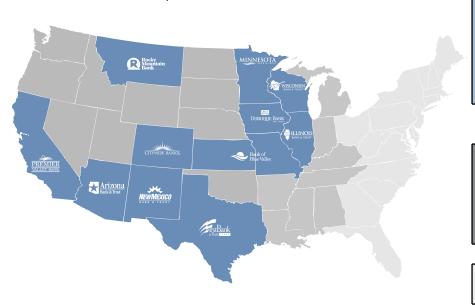
- ▲ 18.56% ROATCE (non-GAAP)
- ▲ 11 bps Net Charge-Offs



Company Overview

Company Overview - NASDAQ: HTLF

- Headquartered in Denver, Colorado
- Holding company established in 1981; NASDAQ member since 2003
- HTLF conducts banking business through 11 local bank brands
- Commercial focused bank supported by a significant Consumer network and Wealth Management solutions
- 119 full-service branches located across 12 states in the Midwest,
 Southwest and Western regions of the country
- \$4.8B in Assets Under Management
- \$2.0B in market capitalization



Fiscal 4Q 2022 Financial Highlights

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Dollars in millions		As of 4Q22	
	Total Assets	\$20,244	
	Total Loans Held for Investment	\$11,428	
Balance	Total Deposits	\$17,513	
Sheet	Loan / Deposit Ratio	65.3 %	
	Tangible Common Equity ¹	\$1,023	
	Total Common Equity	\$1,624	
	Total Common Equity / Total Assets	8.02 %	
	Tang. Common Equity / Tang. Assets ¹	5.21 %	
Capital	Tier 1 Leverage Ratio	9.13 %	
	CET1 Ratio	11.07 %	
	Tier 1 Capital Ratio	11.81 %	
	Total RBC Ratio	14.76 %	
		QTD	YTD
	Net Interest Margin, fully tax-equivalent ¹	3.65 %	3.37 %
	Cost of Interest Bearing Deposits	1.13 %	0.52 %
Profitability	Return on Avg. Assets	1.21 %	1.08 %
	Return on Avg. Tangible Common Equity ¹	25.19 %	18.56 %
	Efficiency Ratio FTE ¹	54.33 %	57.74 %

Asset

Quality

NPAs / Assets

Net charge offs (recoveries)/ Avg. Loans

0.11 %

0.33 %

(0.06)%



A Steadfast Commitment to Growth 5 year lookback

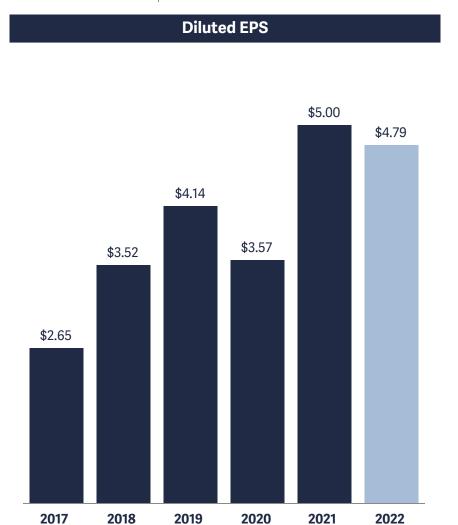
	As of 4Q22
Asset 5Y CAGR	15.6 %
Gross Loans 5Y CAGR	12.2 %
Deposits 5Y CAGR	16.5 %
5Y Average ROATCE, non-GAAP ¹	15.6 %
EPS (TTM) 5Y CAGR	12.6 %
Dividend 5Y CAGR	16.4 %
Revenue/FTE 5Y CAGR ²	10.6 %

^{1.} See appendix for reconciliation of non-GAAP financial measures

^{2.} Revenue/FTE is measured based on the quarterly data.



HTLF Diluted EPS and Common Dividends



\$1.09 \$0.96 \$0.80 \$0.68 \$0.59 \$0.51 2017 2018 2019 2020 2021 2022

Common Dividends



Strategic Focus

Goal: Driving Long-Term EPS Growth



Driving organic growth through **Strategic Customer Acquisition and Retention** in our core banking markets and leveraging our growing commercial expertise



Enhancing our Customer Experience through technology investment, digital adoption and process improvements



Continuing to invest in our culture and **Attracting and Retaining Talent** enable us to best serve our customers and communities



Ongoing Efficiency Improvements to Operate Effectively includes consolidating charters, focusing on strategic initiatives to enhance growth in targeted businesses and geographies, while leveraging improved technology



Guiding our growth through **Prudent Risk Management and Credit Discipline** with a conservative balance sheet and geographic diversification



Expanding Middle Market Services

Continue build out of middle market banking services through talent additions and vertical expertise to enhance our capabilities and support our local bank brands



Specialized Industries

Food & AgriBusiness



Local Divisional Banks Providing Commercial / Small Business / Consumer Solutions

Focusing on commercial banker adds/upgrades to growth markets across the footprint

California Food & Agribusiness division added during 3Q 2021 Added dedicated Capital Markets specialists over last 12 months

- Healthcare
- Professional Business Services
- Franchise Finance
- Commercial Real Estate
- Specialty
 Manufacturing
 & Distribution
- Non-Profits

- Industry
 Research
- Trade Finance
- Agriculture Inputs
- Production Ag
- Beverage
- Manufacturer
- Logistics

- · Swaps
- Syndications
- International Trade Services





MINNESC



Powered by HTLF











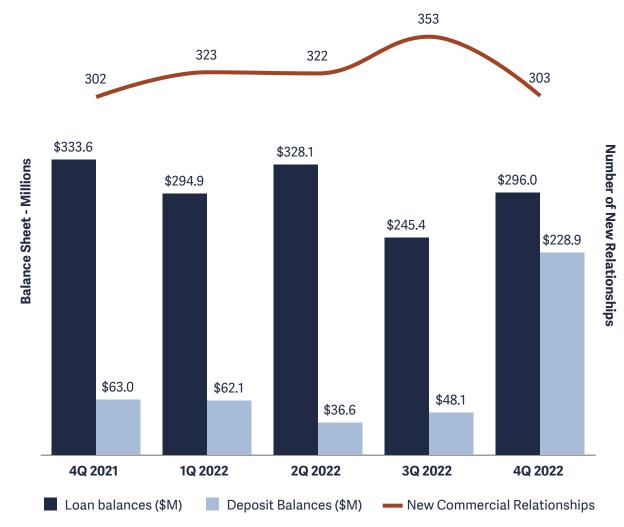
Powered by







New Commercial Relationships



Over the past 12 months

1,301 New commercial relationships

\$1.2B Loans funded

\$376M New deposits

Note: 4Q22 includes new \$130 million depositor Note: New relationship count and loan/deposit balances as of initial quarter of funding.



Improving Customer Experiences



Six of our brands have been named 2022 Customer Experience Leaders in the US Commercial Small Business Banking or US Commercial Middle Market Banking categories within Coalition Greenwich's Core Banking Syndicated Study



Customer Engagement

- Upgraded online functionality
- New website design
- Commercial customer portal improvements
- Real time person-to-person payments



Process Improvement

- Optimizing client onboarding
- Workflow automation
- Treasury management efficiency
- Connecting customer experience KPIs to business line strategy



Data Analytics

- Upgraded customer householding
- Expanded core integration
- Internal consolidation of data teams
- Including customer experience results in commercial CRM



HTLF Excellence Recognition



Forbes Best Banks in America

2013 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022

Ranked #28 in 2022

AMONG THE **HIGHEST PURCHASE VOLUME GROWTH** FOR VISA®

COMMERCIAL CARD ISSUERS

Seven Consecutive Years 2015 - 2021

Over \$1 billion of annual commercial purchasing in 2022





Franchise Optimization Initiatives

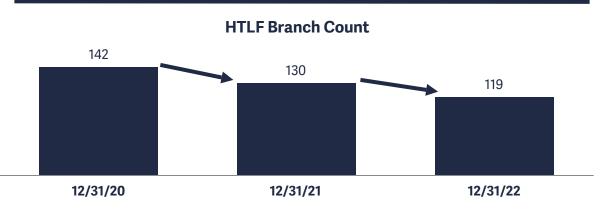
Charter Consolidation Initiative

- Consolidate 11 existing bank charters into HTLF Bank, based in Denver, Colorado
- Banks maintain their current brands with local leadership and decision making
- Local bank directors will continue to be valuable contributors and advisors, focused on:
 - Growth and profitability strategies
 - Community involvement and investment
 - Customer and prospect development
- Operations and administrative functions remain largely in Dubuque, Iowa

- On track to complete by early 4Q2023
 - · Five bank consolidations completed
- Total projected restructuring costs of \$19-20 million
 - \$9.3 million expensed since project initiation
 - ~\$10 million remaining expense to complete over next 4 quarters
- Benefits from consolidation expected to reach \$20 million annually
 - Aligning our core expenses to 2.10% of average assets or lower

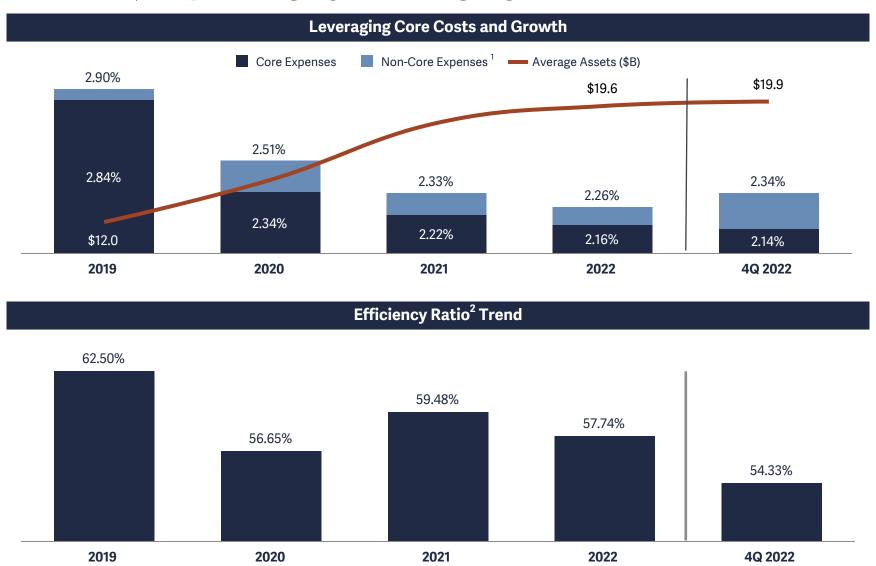
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Branch Optimization





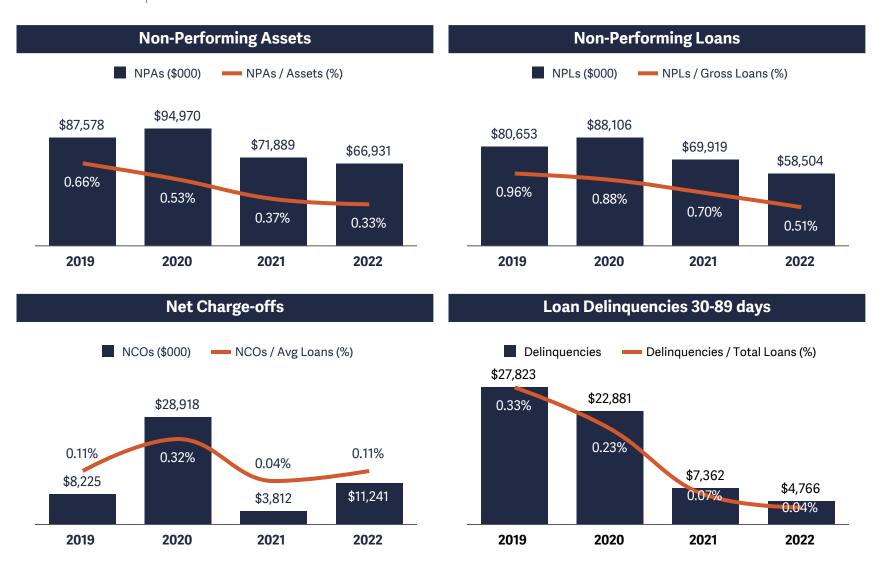
Operating Efficiency *Improving by Leveraging Core Costs and Growth*



- 1. Non-Core Expenses include: restructuring costs, tax credits, CDI Amortization, and sale of assets
- 2. See appendix for reconciliation of non-GAAP financial measures



Summary Asset Quality



Financial Summary



Profitability Summary *Improving Revenue & Return Metrics*



1. See appendix for reconciliation of non-GAAP financial measures

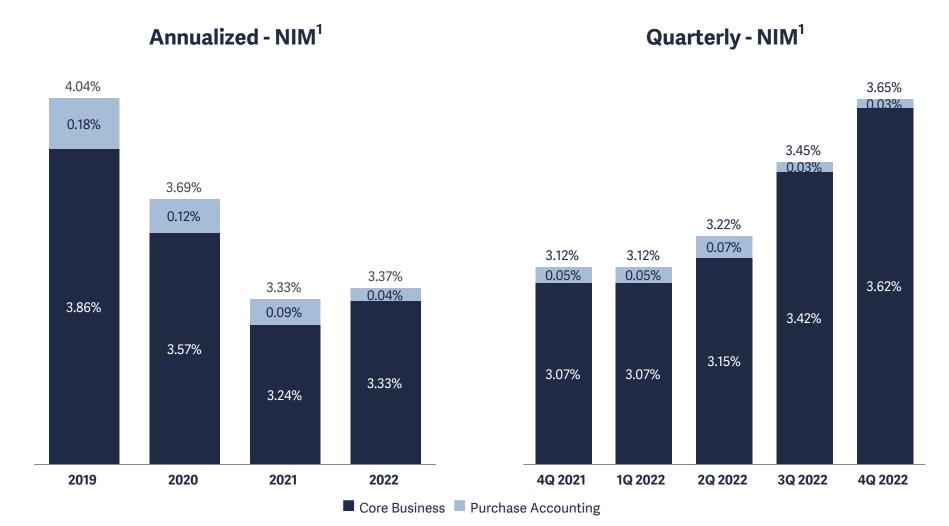
2. Pre-Provision Net Revenue is defined as Net Interest Income + Non-interest Income - Non Interest Expense

3. 4Q22 Revenue / FTE has been annualized

4Q 2022³

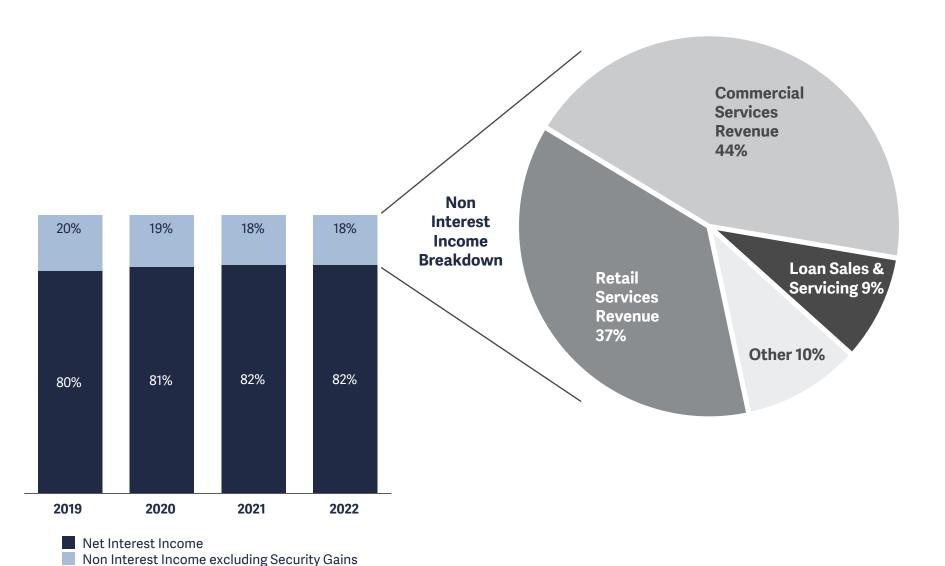


Net Interest Margin Breakdown



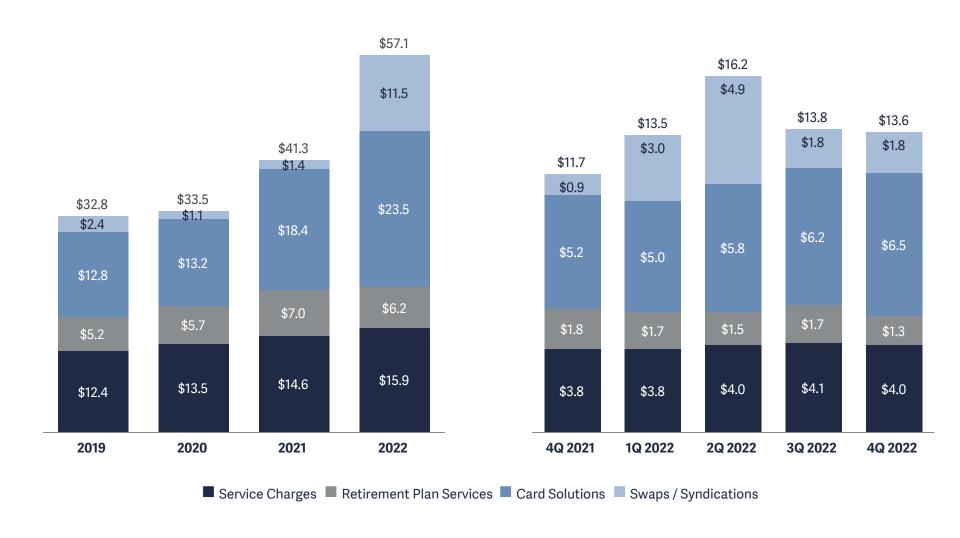


Operating Revenue Composition





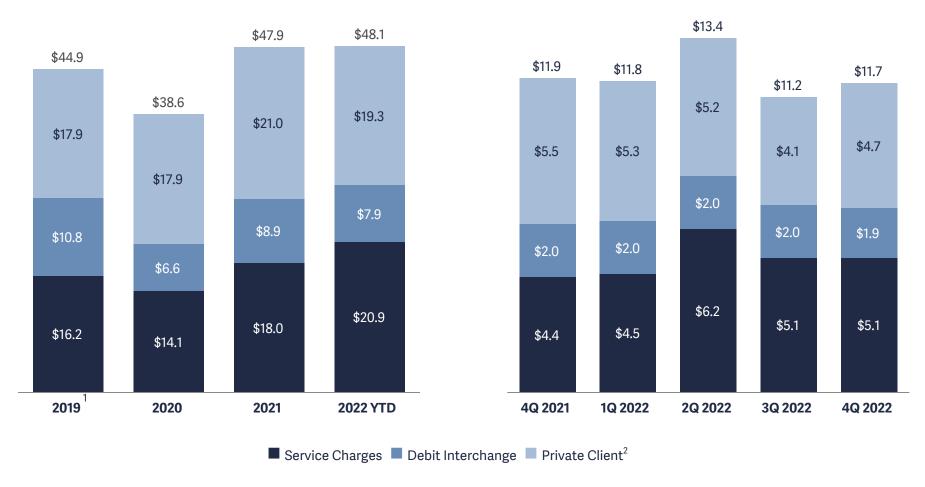
Commercial Non Interest Revenues *Middle Market Expansion*



Note: Dollars in millions



Consumer Non Interest RevenuesDiversified Revenue Mix



^{1.} Durbin Amendment became effective 7/1/19

^{2.} Private Client includes: Wealth Management, Brokerage, & Insurance Fees Note: Dollars in millions

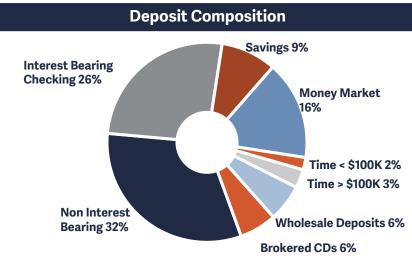


Balance Sheet SummaryConservative Approach

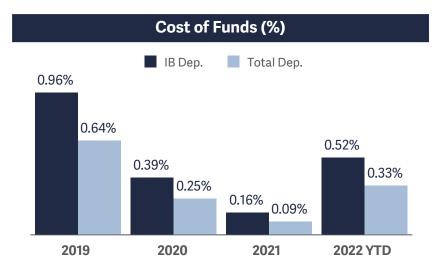


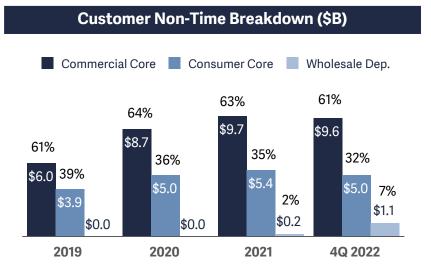


Deposit SummaryAttractive Core Deposit Mix



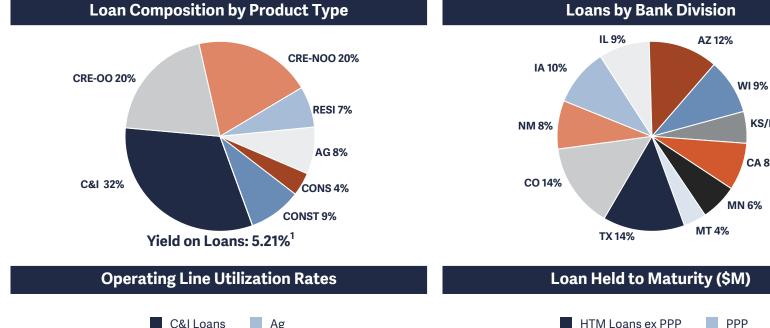
4Q202	4Q2022 Deposit Breakdown					
Deposit Type	Portfolio (\$000)	Avg. COF 4Q	Beta 4Q	Beta YTD		
Non Interest Bearing	\$5,701,340	0.00%				
Interest Bearing Checking	\$4,527,282	0.75%				
Savings	\$1,535,111	0.20%				
Money Market	\$2,841,354	0.86%				
Total Core Non-Time	\$14,605,088	0.41%	14.2%	9.3%		
Time < \$100K	\$324,285	1.35%				
Time > \$100K	\$527,254	0.64%				
Total Core Time	\$851,539	0.98%	15.6%	15.7%		
Total Core Deposits	\$15,456,627	0.44%	14.1%	9.6%		
Wholesale Deposits	\$1,090,644	3.76%				
Brokered CDs	\$965,739	3.95%				
Total Non Core Deposits	\$2,056,383	3.81%	97.0%	98.8%		
Total Deposits	\$17,513,009	0.74%	23.2%	17.4%		







Diversified Loan Portfolio Across both Product and Footprint







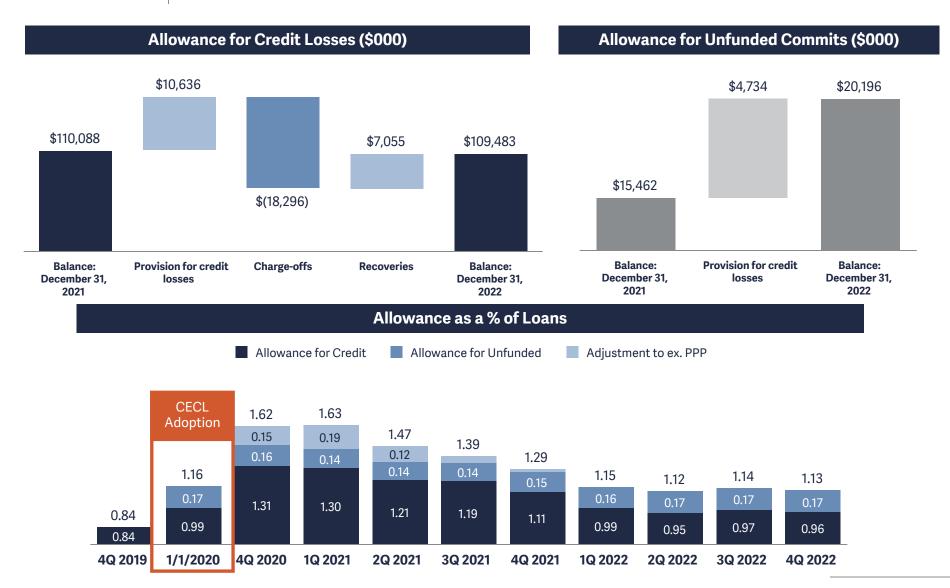
KS/MO5%

CA8%

Based on average loans QTD as of December 31, 2022 and includes AFS loans and nonaccrual loans; includes purchase accounting of 0.03%

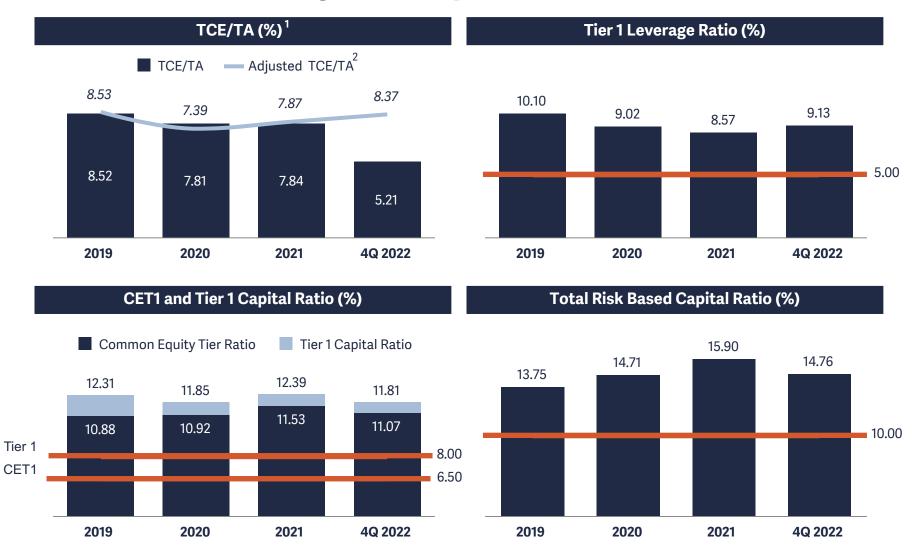


Allowance for Credit Related Losses





Consolidated Capital Ratios Exceeding Well Capitalized Levels

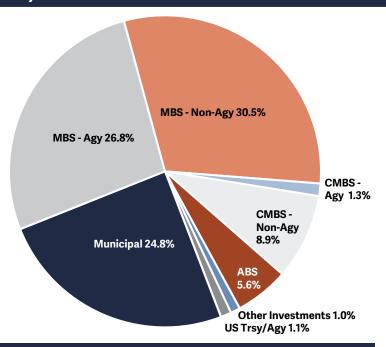


- 1. See appendix for reconciliation of non-GAAP financial measures
- 2. Adjusted TCE/TA is calculated excluding AOCI Note: Lines depict well capitalized bank levels



Investment Portfolio

	Amortized	
Sector	Cost Basis	Unrealized G/L
US Treasury	\$ 32,369	\$ (670)
US Agency	49,437	(6,302)
Municipal	1,049,578	(170,141)
MBS - Agency	2,042,092	(269,987)
MBS - Non-Agency	2,327,308	(145,432)
CMBS - Agency	100,518	(15,395)
CMBS - Non-Agency	679,511	(20,052)
ABS	428,397	(12,343)
Corporate Bonds	59,205	(1,263)
Equities with a readily determinable value	20,314	_
Total AFS Investments	\$ 6,788,729	\$ (641,585)
Municipal	829,403	(52,846)
Total HTM Investments	\$ 829,403	\$ (52,846)
Total	\$ 7,618,132	\$ (694,431)



Investment Portfolio	4Q 2021	1Q 2022	2Q 2022	3Q 2022	4Q 2022
Average Book Value (\$ in millions)	\$7,695	\$7,609	\$7,335	\$7,695	\$7,013
Book Yield	1.94%	2.16%	2.46%	1.94%	3.45%
Modified Duration	5.26	5.54	5.83	6.09	6.19

- Projected cash flow from Investments for the next 12 months: >\$1 billion
- 96% of Municipal holdings rated A or better
- Non-Agency MBS are almost exclusively front-pay, senior securities backed by first lien mortgages or reverse mortgages.
- 68% of ABS are senior securitizations backed by underlying SBA securities
- 83.5% of the non-agency CMBS are short, senior, "Bridge to HUD" securities that carry ~20% Credit Enhancement, ~80% LTVs, floating rate coupons, and are very short (1-2 year lives).



Conservative Liquidity Profile

Holding Company Detail (\$M)				
Туре		ount anding	Available	
Cash & Due from Banks		N/A	\$ 307.0	
Revolving Credit Line with Unaffiliated Bank	\$	_	100.0	
Subordinated Debt		222.6	_	
Trust Preferred		148.3	_	
Preferred Stock		110.7	_	
Total	\$	481.6	\$ 407.0	

Additional Sources of Bank Funding (\$M)				
Туре		Amount utstanding	A	vailable
FHLB Advances	\$	50.7	\$	581.2
Federal Funds Purchased		_		406.0
Securities Sold Under Agreement to Repurchase		95.3		_
Federal Reserve Discount Window		224.0		501.6
Other Short-term Borrowings		6.8		_
Total	\$	376.8	\$	1,488.8

Liquidity Metrics					
	2019	2020	2021	2022	
Loans / Deposits	75.8 %	66.9 %	60.6 %	65.3 %	
Investments / Assets	26.0 %	35.1 %	39.9 %	34.8 %	
Total Borrowings / Assets	3.5 %	3.5 %	2.6 %	3.7 %	

Capital Instruments (\$M)					
Outstanding Debt	Amount Outstanding Mat. Date			Current Rate (%) ¹	
Trust Preferred Securities	\$	148.3	Various	7.28%	
Subordinated Note (non-callable)		74.7	12/30/2024	5.75%	
Subordinated Note (fixed/float) ²		147.9	9/15/2031	2.75%	
Subtotal of debt		370.9		5.17%	
Preferred Stock ³	\$	110.7		7.00%	

- 1. Refers to weighted average rate of capital instruments
- 2. Subordinated note begins to float at 3 month SOFR + 210 bps on 9/15/2026, callable on this date
- 3. Preferred Stock begins to float at 5 yr Treasury + 6.675% on 7/15/2025, callable on this date



We See Growth Everywhere Living our Core Values

Integrity

Always do the right thing - be honest and open



Community

Engage your community and your team - support one another and unlock the potential around you



Accountability

Own the opportunity and the outcome keep your promises, follow through and follow up



Excellence

Exceed expectations - every customer, every time



Growth in Environmental, Social and Governance



Small Business Loans

Processed 8,000 PPP loans for \$1.6 billion



Financing the development

of low income housing



Investing

in solar energy



Contributed \$2 million

to local organizations since 2021



Buy Local Program

In 2021, funded over 3,000 Buy Local loans



Volunteered over 2,000 hours

Employee hours in 2021



Planted 2,000+ trees, one per FTE

Facilitated by the 'One Tree Planted' organization



Health & Safety

of employees and customers

ESG Integration Project

Identify Relevant ESG Sustainability Factors & Climate Risks

Assess Current and Future ESG Performance, Risks, Opportunities, and Challenges

Adopt a Framework to Integrate, Operationalize, Measure & Report ESG Performance

Board Diversity

Exceeds NASDAQ Board Diversity Objectives

DEI Initiatives

Established Diversity Advisory Council to oversee, advise and connect Diversity, Equity, and Inclusion (DEI) activities

Published Inaugural DEI Annual Report

Launched Employee Business Resource Groups

Facilitated DEI Training for All Managers & Enhanced DEI Curriculum for All Employees



HTLF Investor Summary Improving Franchise Value

Organic Growth	Organic growth driven by talent additions, build out of middle market banking, and local market expertise
Healthy Returns	Long term focus on EPS growth and consistently increasing dividends
Strong Core Deposits	Large granular low-cost core deposit base that supports a healthy net interest margin
Improving Efficiency	Charter consolidation and franchise optimization paired with leveraging new technology
Solid Credit Profile	Solid credit metrics a with a well diversified portfolio reduces credit risk



HTLF Contact Information



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VP, Investor Relations

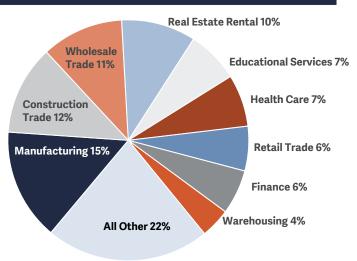
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Supplementary Data



Commercial & Industrial (ex PPP) Portfolio Overview

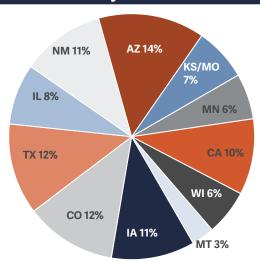




Portfolio Highlights

- C&I portfolio represents 32% of total loans
- Nonaccrual rate of 0.66%
- Average loan size of \$556 thousand
- Well diversified by industry type and geography

Loans by Bank Division

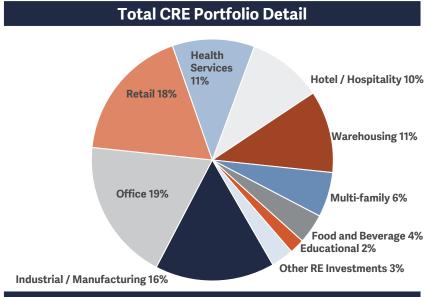


C&I Loans Outstanding (\$M)

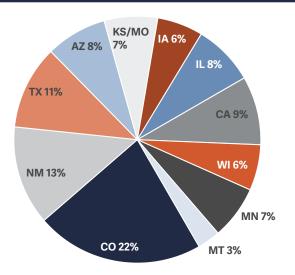




Total CRE Portfolio Overview



Loans by Bank Division



Portfolio Highlights

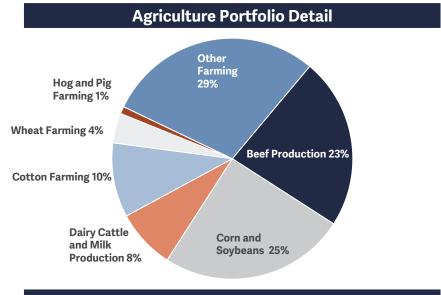
- CRE portfolio represents 40% of total loans,
 nearly half of which are Owner Occupied loans
- Nonaccrual rate of 0.45%
- Average loan size of \$1.1 million
- Well-diversified by property type and geography

Total CRE Loans Outstanding (\$M)





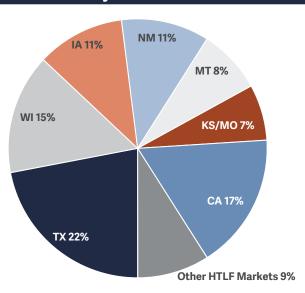
Agriculture Portfolio Overview



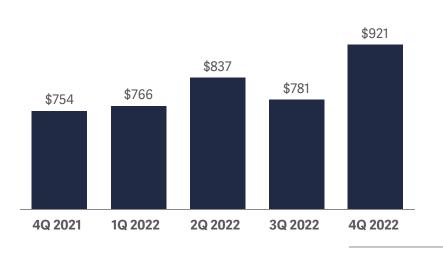
Portfolio Highlights

- Ag portfolio represents 8% of total loans
- Nonaccrual rate of 0.68%
- Average loan size of \$373 thousand
- Crop ins. is required on exposures >\$500,000
- Increase in Ag portfolio can be attributed to the newly integrated Food & Agribusiness division

Loans by Bank Division

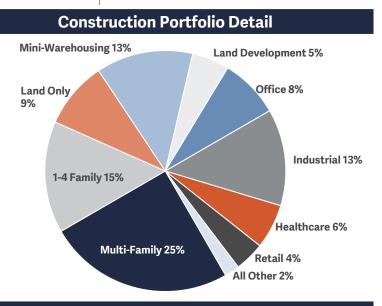


Agriculture Loans Outstanding (\$M)





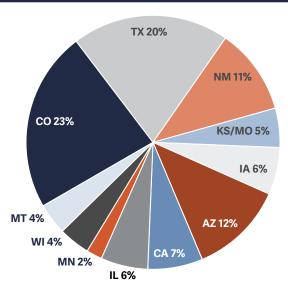
Construction Portfolio Overview



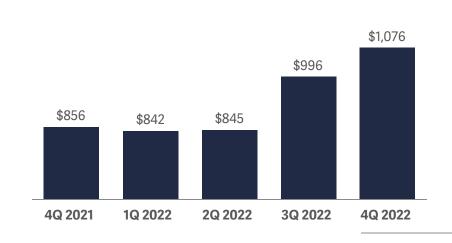
Portfolio Highlights

- Construction portfolio represents 9% of total loans
- Nonaccrual rate of 0.22%
- Average loan size of \$746 thousand
- Well diversified by property type and geography

Loans by Bank Division



Construction Loans Outstanding (\$M)





Geographic Footprint



Top 10 Metropolitan Markets (MSAs)

Top to metropolitan markets (mozis)											
	Market										
<u>Market</u>	Deposits (\$000)	Strategic Fit									
Denver-Aurora-Lakewood, CO	\$2,102,635	Growth Market									
Dubuque, IA	1,855,052	Legacy Market Leader									
Phoenix-Mesa-Chandler, AZ	1,779,433	Growth Market									
Rockford, IL	1,374,759	Legacy Market Leader									
Albuquerque, NM	1,313,253	Legacy Market Leader									
Lubbock, TX	1,212,649	Growth Market									
Kansas City, MO-KS	1,002,538	Growth Market									
Minneapolis-St. Paul-Bloomington, MN-WI	734,755	Growth Market									
Fresno, CA	718,218	Growth Market									
Madison, WI	574,843	Growth Market									

Local Bank Brands by Region¹

West/Southwest

Midwest

Total - West/Southwest

- Total Core Deposits: \$9,567,424 Total
- No. of Branch Offices: 83

Total - Midwest

- Total Core Deposits: \$5,546,290
- No. of Branch Offices: 36

Arizona Bank & Trust - AZ

- Total Core Deposits: \$1,523,001
- No. of Branch Offices: 9

Minnesota Bank & Trust - MN

- Total Core Deposits: \$571,025
- No. of Branch Offices: 2

New Mexico Bank & Trust - NM

- Total Core Deposits: \$2,304,980
- No. of Branch Offices: 21

Wisconsin Bank & Trust - WI

- Total Core Deposits: \$1,168,578
- No. of Branch Offices: 11

First Bank & Trust - TX

- Total Core Deposits: \$2,113,511
- No. of Branch Offices: 19

Dubuque Bank & Trust - IA

- Total Core Deposits: \$1,355,514
- No. of Branch Offices: 8

Premier Valley Bank - CA

- Total Core Deposits: \$929,725
- No. of Branch Offices: 6

Illinois Bank & Trust - IL

- Total Core Deposits: \$1,427,277
- No. of Branch Offices: 6

Citywide Banks - CO

- Total Core Deposits: \$2,120,378
- No. of Branch Offices: 19

Bank of Blue Valley - KS/MO

- Total Core Deposits: \$1,023,896
- No. of Branch Offices: 9

Rocky Mountain Bank - MT

- Total Core Deposits: \$575,829
- No. of Branch Offices: 9

Note: MSA - Metropolitan Statistical Area

Note: MSA deposit data generated from S&P based on the FDIC Summary of Deposits data study as of 6/30/22

1. Core Deposits at the Bank Brand level exclude suspense & clearing accounts

Non-GAAP Reconciliation



Non-GAAP Financial Measures

Annualized net interest margin, fully tax-equivalent, adjusts net interest income for the tax-favored status of certain loans and securities. Management believes this measure enhances the comparability of net interest income arising from taxable and tax-exempt sources.

Efficiency ratio, fully tax equivalent, expresses non-interest expenses as a percentage of fully tax-equivalent net interest income and non-interest income. This efficiency ratio is presented on a tax-equivalent basis which adjusts net interest income and non-interest expenses for the tax favored status of certain loans, securities, and tax credit projects. Management believes the presentation of this non-GAAP measure provides supplemental useful information for proper understanding of the financial results as it enhances the comparability of income and expenses arising from taxable and nontaxable sources and excludes specific items as noted in reconciliation contained in this presentation.

Net interest income, fully tax equivalent, is net income adjusted for the tax-favored status of certain loans and securities. Management believes this measure enhances the comparability of net interest income arising from taxable and tax-exempt sources.

Tangible book value per common share is total common equity less goodwill and core deposit and customer relationship intangibles, net, divided by common shares outstanding, net of treasury. This measure is included as it is considered to be a critical metric to analyze and evaluate use of equity, financial condition and capital strength.

Tangible common equity ratio is total common equity less goodwill and core deposit and customer relationship intangibles, net, divided by total assets less goodwill and core deposit and customer relationship intangibles, net. This measure is included as it is considered to be a critical metric to analyze and evaluate financial condition and capital strength.

Annualized return on average tangible common equity is net income excluding intangible amortization calculated as (1) net income excluding tax-effected core deposit and customer relationship intangibles amortization, divided by (2) average common equity less goodwill and core deposit and customer relationship intangibles, net. This measure is included as it is considered to be a critical metric to analyze and evaluate use of equity, financial condition and capital strength.

Annualized ratio of core expenses to average assets adjusts noninterest expenses to exclude specific items noted in the reconciliation. Management includes this measure as it is considered to be a critical metric to analyze and evaluate controllable expenses related to primary business operations.



Non-GAAP Reconciliations (Dollars in thousands except per share data)

	Full Yr 2022		Full Yr 2021		Full Yr 2020		Full Yr 2019	
Reconciliation of Tangible Book Value Per Common Share (non-GAAP)								
Common stockholders' equity (GAAP)	\$ 1,624,350	\$	2,071,473	\$	1,968,526	\$	1,578,137	
Less goodwill	576,005		576,005		576,005		446,345	
Less core deposit and customer relationship intangibles, net	25,154		32,988		42,383		48,688	
Tangible common stockholders' equity (non-GAAP)	\$ 1,023,191	\$	1,462,480	\$	1,350,138	\$	1,083,104	
Common shares outstanding, net of treasury stock	42,467,394		42,275,264		42,093,862		36,704,278	
Common stockholders' equity (book value) per share (GAAP)	\$ 38.25	\$	49.00	\$	46.77	\$	43.00	
Tangible book value per common share (non-GAAP)	\$ 24.09	\$	34.59	\$	32.07	\$	29.51	
Reconciliation of Tangible Common Equity Ratio (non-GAAP)								
Tangible common stockholders' equity (non-GAAP)	\$ 1,023,191	\$	1,462,480	\$	1,350,138	\$	1,083,104	
Total assets (GAAP)	\$ 20,244,228	\$	19,274,549	\$	17,908,339	\$	13,209,597	
Less goodwill	576,005		576,005		576,005		446,345	
Less core deposit and customer relationship intangibles, net	25,154		32,988		42,383		48,688	
Total tangible assets (non-GAAP)	\$ 19,643,069	\$	18,665,556	\$	17,289,951	\$	12,714,564	
Tangible common equity ratio (non-GAAP)	5.21%	6	7.84%	6	7.81%	7.81%		
Reconciliation of Annualized Net Interest Margin, Fully Tax-Equivalent (non-GAAP)								
Net Interest Income (GAAP)	\$ 598,236	\$	560,560	\$	491,729	\$	433,729	
Plus tax-equivalent adjustment ⁽¹⁾	8,399		7,212		5,466		4,929	
Net interest income, fully tax-equivalent (non-GAAP)	\$ 606,635	\$	567,772	\$	497,195	\$	438,658	
Average earning assets	\$ 18,021,134	\$	17,025,088	\$	13,481,613	\$	10,845,940	
Annualized net interest margin (GAAP)	3.32%	6	3.29%	6	3.65%	6	4.00%	
Annualized net interest margin, fully tax-equivalent (non-GAAP)	3.37%	6	3.33%	6	3.69%	6	4.04%	
Purchase accounting discount amortization on loans included in annualized net interest margin	0.04%	6	0.09%	0.12%			0.18%	
(1) Computed on a tax-equivalent basis using an effective tax rate of 21%.								



(Dollars in thousands except per share data)

in holging on overtile	Full Yr 2022			Full Yr 2021		Full Yr 2020	ı	Full Yr 2019	
Reconciliation of Non-GAAP Measure-Efficiency Ratio									
Net interest income (GAAP)	\$	598,236	\$	560,560	\$	491,729	\$	433,729	
Tax-equivalent adjustment ⁽¹⁾		8,399		7,212		5,466		4,929	
Fully tax-equivalent net interest income		606,635		567,772		497,195		438,658	
Noninterest income		128,264		128,935		120,291		116,208	
Securities (gains)/losses, net		425		(5,910)		(7,793)		(7,659)	
Unrealized (gain) loss on equity securities, net		622		(58)		(640)		(525)	
Gain on extinguishment of debt				_		_		(375)	
Valuation adjustment on servicing rights		(1,658)		(1,088)		1,778		911	
Adjusted income (non-GAAP)	\$	734,288	\$	689,651	\$	610,831	\$	547,218	
Total noninterest expenses (GAAP)	\$	443,377	\$	431,812	\$	370,963	\$	349,161	
Less:									
Core deposit and customer relationship intangibles amortization		7,834		9,395		10,670		11,972	
Partnership investment in tax credit projects		5,040		6,303		3,801		8,030	
(Gain) loss on sales/valuations of assets, net		(1,047)		588		5,101		(19,422)	
Acquisition, integration and restructuring costs		7,586		5,331		5,381		6,580	
Core expenses (non-GAAP)	\$	423,964	\$	410,195 \$		\$ 346,010		342,001	
Efficiency ratio, fully tax-equivalent (non-GAAP)		57.74 %	59.48		59.48 %		6	62.50 %	
Reconciliation of Annualized Ratio of Core Expenses to Average Assets (non-GAAP)									
Total noninterest expenses (GAAP)	\$	443,377	\$	431,812	\$	370,963	\$	349,161	
Core expenses (non-GAAP)		423,964		410,195		346,010		342,001	
Average assets	\$	19,621,839	\$	18,508,273	\$	14,782,605	\$	12,021,917	
Total noninterest expenses to average assets (GAAP)		2.26 %	,	2.33 %	6	2.51 %		2.90 %	
Core expenses to average assets (non-GAAP)		2.16 %	0	2.22 %	6	2.34 %	6	2.84 %	

⁽¹⁾ Computed on a tax-equivalent basis using an effective tax rate of 21%.



(Dollars in thousands except per share data)

Net income (GAAP)

Plus core deposit and customer relationship intangibles amortization, net of tax⁽¹⁾

Net income excluding intangible amortization (non-GAAP)

Average common equity (GAAP)

Less average goodwill

Less average core deposit and customer relationship intangibles, net

Average tangible common equity (non-GAAP)

Annualized return on average common equity (GAAP)

Annualized return on average tangible common equity (non-GAAP)

(1) Computed on a tax-equivalent basis using an effective tax rate of 21%.

F	ull Yr 2022	F	ull Yr 2021	F	ull Yr 2020	F	ull Yr 2019
\$	204,130	\$	211,873	\$	133,487	\$	149,129
	6,189		7,422		8,429		9,458
\$	210,319	\$	219,295	\$	141,916	\$	158,587
\$	1,738,041	\$	2,020,200	\$	1,656,708	\$	1,473,396
	576,005		576,005		456,854		415,841
	28,912		37,554		44,298		49,377
\$	1,133,124	\$	1,406,641	\$	1,155,556	\$	1,008,178
	11.74%	ó	10.49%	ó	8.06%	ó	10.12%
	18.56%	, 0	15.59%	, 0	12.28%	ó	15.73%



(Dollars in thousands except per share data)

(1) Computed on a tax-equivalent basis using an effective tax rate of 21%.

	 12/31/2022		9/30/2022		6/30/2022		3/31/2022		12/31/2021
Reconciliation of Tangible Book Value Per Common Share (non-GAAP)									_
Common stockholders' equity (GAAP)	\$ 1,624,350	\$	1,545,253	\$	1,663,363	\$	1,821,152	\$	2,071,473
Less goodwill	576,005		576,005		576,005		576,005		576,005
Less core deposit and customer relationship intangibles, net	25,154		26,995		28,851		30,934		32,988
Tangible common stockholders' equity (non-GAAP)	\$ 1,023,191	\$	942,253	\$	1,058,507	\$	1,214,213	\$	1,462,480
Common shares outstanding, net of treasury stock	42,467,394		42,444,106		42,439,439		42,369,908		42,275,264
Common stockholders' equity (book value) per share (GAAP)	\$ 38.25	\$	36.41	\$	39.19	\$		\$	49.00
Tangible book value per common share (non-GAAP)	\$ 24.09	\$	22.20	\$	24.94	\$		\$	34.59
Reconciliation of Tangible Common Equity Ratio (non-GAAP)									
Tangible common stockholders' equity (non-GAAP)	\$ 1,023,191	\$	942,253	\$	1,058,507	\$	1,214,213	\$	1,462,480
Total assets (GAAP)	\$ 20,244,228	\$	19,682,950	\$	19,658,399	\$	19,230,879	\$	19,274,549
Less goodwill	576,005		576,005		576,005		576,005		576,005
Less core deposit and customer relationship intangibles, net	25,154		26,995		28,851		30,934		32,988
Total tangible assets (non-GAAP)	\$ 19,643,069	\$	19,079,950	\$	19,053,543	\$	18,623,940	\$	18,665,556
Tangible common equity ratio (non-GAAP)	5.21%)	4.94%	ò	5.56%		6.52%		7.84%
Reconciliation of Annualized Net Interest Margin, Fully Tax-Equivalent (non-GAAP)									
Net Interest Income (GAAP)	\$ 165,220	\$	155,876	\$	142,461	\$	134,679	\$	137,194
Plus tax-equivalent adjustment ⁽¹⁾	2,152		2,151		1,977		2,119		1,975
Net interest income, fully tax-equivalent (non-GAAP)	\$ 167,372	\$	158,027	\$	144,438	\$	136,798	\$	139,169
Average earning assets	\$18,175,838	;	\$18,157,795	!	\$17,987,734		\$17,757,067		\$17,681,917
Annualized net interest margin (GAAP)	3.61%		3.41%	, o	3.18%		3.08%		3.08%
Annualized net interest margin, fully tax-equivalent (non-GAAP)	3.65%)	3.45%	,	3.22%		3.12%		3.12%
Purchase accounting discount amortization on loans included in annualized net	2.25		2.22	,	2 2-2		0.055		0.000:
interest margin	0.03%)	0.03%	•	0.07%		0.05%		0.05%



(Dollars in thousands except per share data)

arong the moighte drowth	1	2/31/2022	9	9/30/2022	e	6/30/2022	;	3/31/2022	1	2/31/2021
Reconciliation of Non-GAAP Measure-Efficiency Ratio										
Net interest income (GAAP)	\$	165,220	\$	155,876	\$	142,461	\$	134,679	\$	137,194
Tax-equivalent adjustment ⁽¹⁾		2,152		2,151		1,977		2,119		1,975
Fully tax-equivalent net interest income		167,372		158,027		144,438		136,798		139,169
Noninterest income		29,975		29,181		34,539		34,569		32,730
Securities (gains)/losses, net		153		1,055		2,089		(2,872)		(1,563)
Unrealized (gain) loss on equity securities, net		7		211		121		283		27
Valuation adjustment on servicing rights		_		_		_		(1,658)		(502)
Adjusted revenue (non-GAAP)	\$	197,507	\$	188,474	\$	181,187	\$	167,120	\$	169,861
Total noninterest expenses (GAAP)	\$	117,218	\$	108,883	\$	106,479	\$	110,797	\$	115,386
Less:										
Core deposit and customer relationship intangibles amortization		1,841		1,856		2,083		2,054		2,169
Partnership investment in tax credit projects		3,247		979		737		77		2,549
(Gain) loss on sales/valuation of assets, net		2,388		(251)		(3,230)		46		214
Acquisition, integration and restructuring costs		2,442		2,156		2,412		576		1,989
Core expenses (non-GAAP)	\$	107,300	\$	104,143	<u>\$</u>	104,477	\$	108,044	\$	108,465
Efficiency ratio, fully tax-equivalent (non-GAAP)		54.33 %		55.26 %	,	57.66 %	,	64.65 %		63.86 %
Reconciliation of Annualized Ratio of Core Expenses to Average Assets (non-GAAP)										
Total noninterest expenses (GAAP)	\$	117,218	\$	108,883	\$	106,479	\$	110,797	\$	115,386
Core expenses (non-GAAP)		107,300		104,143		104,477		108,044		108,465
Average assets	\$ 1	19,913,849	\$	19,775,341	\$ 1	19,559,091	\$	19,229,872	\$	19,151,691
Total noninterest expenses to average assets (GAAP)		2.34 %		2.18 %)	2.18 %)	2.34 %		2.39 %
Core expenses to average assets (non-GAAP)		2.14 %		2.09 %	•	2.14 %	,	2.28 %		2.25 %
(1) Computed on a tax-equivalent basis using an effective tax rate of 21%.										



(Dollars in thousands except per share data)

	12/31/2022	9/30/2022	6/30/2022	3/31/2022	12/31/2021
Reconciliation of Annualized Return on Average Tangible Common Equity (non-GAAP)					·
Net income available to common stockholders (GAAP)	\$ 58,642	\$ 54,551	\$ 49,861	\$ 41,076	\$ 47,568
Plus core deposit and customer relationship intangibles amortization, net of tax ⁽¹⁾	1,455	1,466	1,645	1,623	1,713
Net income available to common stockholders excluding intangible amortization (non-GAAP)	\$ 60,097	\$ 56,017	\$ 51,506	\$ 42,699	\$ 49,281
Average common stockholders' equity (GAAP)	\$ 1,548,739	\$ 1,674,306	\$ 1,731,393	\$ 2,003,424	\$ 2,061,973
Less average goodwill	576,005	576,005	576,005	576,005	576,005
Less average core deposit and customer relationship intangibles, net	26,046	27,902	29,845	31,931	34,018
Average tangible common stockholders' equity (non-GAAP)	\$ 946,688	\$1,070,399	\$ 1,125,543	\$1,395,488	\$ 1,451,950
Annualized return on average common equity (GAAP)	15.02 %	12.93 %	11.55 %	8.32 %	9.15 %
Annualized return on average tangible common equity (non-GAAP)	25.19 %	20.76 %	18.35 %	12.41 %	13.47 %

⁽¹⁾ Computed on a tax-equivalent basis using an effective tax rate of 21%.

Forward Together

