RED RIVER BANCSHARES, INC.

INVESTOR PRESENTATION September Conferences

As of June 30, 2023 Nasdaq: RRBI

Statements in this presentation regarding our expectations and beliefs about our future financial performance and financial condition, as well as trends in our business and markets, are "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. Forward-looking statements often include words such as "believe," "expect," "anticipate," "intend," "plan," "estimate," "project," "outlook," or words of similar meaning, or future or conditional verbs such as "will," "would," "should," "could," or "may." The forward-looking statements in this presentation are based on current information and on assumptions that we make about future events and circumstances that are subject to a number of risks and uncertainties that are often difficult to predict and beyond our control. As a result of those risks and uncertainties, our actual financial results in the future could differ, possibly materially, from those expressed in or implied by the forward-looking statements contained in this presentation and could cause us to make changes to our future plans. Additional information regarding these and other risks and uncertainties to which our business and future financial performance are subject is contained in the section titled "Risk Factors" in our most recent Annual Report on Form 10-K and subsequent guarterly reports on Form 10-Q, and in other documents that we file with the SEC from time to time. In addition, our actual financial results in the future may differ from those currently expected due to additional risks and uncertainties of which we are not currently aware or which we do not currently view as, but in the future may become, material to our business or operating results. Due to these and other possible uncertainties and risks, readers are cautioned not to place undue reliance on the forward-looking statements contained in this presentation or to make predictions based solely on historical financial performance. Any forwardlooking statement speaks only as of the date on which it is made, and we do not undertake any obligation to update or review any forward-looking statement, whether as a result of new information, future developments or otherwise, except as required by law. All forward-looking statements, express or implied, included in this presentation are qualified in their entirety by this cautionary statement.

This presentation includes industry and trade association data, forecasts, and information that we have prepared based, in part, upon data, forecasts, and information obtained from independent trade associations, industry publications and surveys, government agencies, and other information publicly available to us, which information may be specific to particular markets or geographic locations. Some data is also based on our good faith estimates, which are derived from management's knowledge of the industry and independent sources. Industry publications, surveys, and forecasts generally state that the information contained therein has been obtained from sources believed to be reliable. Statements as to our market position are based on market data currently available to us. Although we believe these sources are reliable, we have not independently verified the information. While we are not aware of any misstatements regarding our industry data presented herein, our estimates involve risks and uncertainties and are subject to change based on various factors. Similarly, we believe our internal research is reliable, even though such research has not been verified by any independent sources.

Our accounting and reporting policies conform to United States GAAP and the prevailing practices in the banking industry. Certain financial measures used by management to evaluate our operating performance are discussed as supplemental non-GAAP performance measures. In accordance with SEC rules, we classify a financial measure as being a non-GAAP financial measure if that financial measure excludes or includes amounts, or is subject to adjustments that have the effect of excluding or including amounts, that are included or excluded, as the case may be, in the most directly comparable measure calculated and presented in accordance with GAAP as in effect from time to time in the U.S. Management and the board of directors review tangible book value per share, tangible common equity to tangible assets, realized book value per share, and SBA PPP-adjusted metrics as part of managing operating performance. However, these non-GAAP financial measures should not be considered in isolation or as a substitute for the most directly comparable or other financial measures calculated in accordance with GAAP. Moreover, the manner that we calculate the non-GAAP financial measures that are discussed may differ from that of other companies reporting measures with similar names. It is important to understand how such other banking organizations calculate and name their financial measures similar to the non-GAAP financial measures discussed by us when comparing such non-GAAP financial measures. A reconciliation of non-GAAP financial measures to the comparable GAAP financial measures is included in the Appendix to this presentation.

Glossary of Terms

- 1Q22 First Quarter of 2022
- 2Q22 Second Quarter of 2022
- 3Q22 Third Quarter of 2022
- 4Q22 Fourth Quarter of 2022
- 1Q23 First Quarter of 2023
- 2Q23 Second Quarter of 2023
- 3Q23 Third Quarter of 2023
- 4Q23 Fourth Quarter of 2023
- 1H23 First Half of 2023
- 2H23 Second Half of 2023
- 1-4 FR One-to-four family residential
- ACL Allowance for credit losses
- AFS Available-for-sale
- AOCI Accumulated other comprehensive income or loss
- API Application Programming Interface
- B.A. Bachelor of Arts
- B.B.A. Bachelor of Business Administration
- bp(s) Basis point(s)
- B.S. Bachelor of Science
- C&D Construction and land development loans
- C&I Commercial and industrial loans
- CAGR Compound annual growth rate

- CECL Current Expected Credit Losses
- CGMA Chartered Global Management Accountant
- CL(s) Criticized Loans
- CMBS Commercial Mortgage-Backed Securities
- CPA Certified Public Accountant
- CRA Community Reinvestment Act
- CRE Commercial real estate
- DDA Demand deposit accounts
- EPS Earnings per share
- FDIC Federal Deposit Insurance Corporation
- FHLB Federal Home Loan Bank
- FOMC Federal Open Market Committee
- FTE Fully taxable equivalent basis
- GAAP Generally Accepted Accounting Principles in the United States of America
- HFI Held for investment
- HFS Held for sale
- HTM Held-to-maturity
- ICS Insured Cash Sweep
- IPO Initial public offering
- J.D. Juris Doctor
- K Dollars in thousands
- LDPO Loan and deposit production office

- LIBOR London Inter-Bank Offered Rate
- LPO Loan production office
- L.L.C. Limited liability company
- L.L.P. Limited liability partnership
- M Dollars in millions
- M.B.A. Master of Business Administration
- MBS Mortgage-backed securities
- N/A Not applicable
- NIM Net interest margin
- NOW Negotiable order of withdrawal
- NPA(s) Nonperforming asset(s)
- NPL(s) Nonperforming loan(s)
- PPP Paycheck Protection Program
- P2P Peer-to-peer
- ROA Return on average assets
- ROE Return on average equity
- SBA Small Business Administration
- SBIC Small Business Investment Company
- SEC United States Securities and Exchange Commission
- U.S. United States of America
- vs. Versus

RED RIVER BANCSHARES, INC.

Strong. Stable.

We're your people.



redriverbank.net



Company Overview

- Established in 1998 in Alexandria, Louisiana
- Completed IPO in May 2019
- Nasdaq: RRBI
- Included in Russell 2000 Index
- As of June 30, 2023:
 - Assets = \$3.03 billion
 - Loans HFI = \$1.95 billion
 - Securities = \$739.0 million
 - Deposits = \$2.66 billion
 - Market capitalization = \$352.6 million
- Ownership
 - Insiders = 34%
 - Institutions = 19%¹
 - Public and other = 47%
- Named in American Banker's "2022 Best Banks to Work For"²
- Named among the top 2.7% of all banks nationwide as "best-in-state"³
- Ranked 45th in S&P Global Market Intelligence's Top 50 Community Banks \$3 \$10 billion⁴
- Sixth largest Louisiana-headquartered bank based on assets as of June 30, 2023

Northwest market Shreveport - Bossier City Central market Alexandria Capital market Northshore market **Baton** Rouge Covington Acadiana market Lafavette Lake Charles Southwest market New Orleans New Orleans marke Banking Center Loan & Deposit Production Office



Company Strengths

- Consistent, long-term track record of financial results and steady growth
- Conservative credit culture with solid asset quality
- Granular, diversified, relationship-based loan and deposit portfolios
- Solid liquidity position
- No internet-sourced or brokered deposits
- Minimal short-term borrowings
- No long-term borrowings
- Primarily de novo growth strategy with selective strategic expansion into new markets
- Strategic banking center network
 - Operating in the largest markets in Louisiana
 - 27 banking centers and an LDPO in Louisiana
 - Average deposits per center = \$98.7 million
- Strong capital position
 - Well capitalized
 - Consistent quarterly dividends
 - Stock repurchase program in place
- Continuity of leadership four of our top executives are part of the founding management team

History & Strategy



Company History





Book Value Growth

RED RIVER BANCSHARES, INC.

55.00	Realized Book Value Per Share ^{1,2} \$49.21
50.00	
45.00	Book Value Per Share ² \$39.49
40.00	
35.00	Tangible Book Value Per Share ^{1,2} \$39.28
30.00	
25.00	
20.00	
15.00	CAGR 10.6%
10.00	CAGK 10.0%
5.00	
	2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2Q23

Note: Each year on the Book Value Graph represents year-end financial data. ¹Non-GAAP measure. See "Forward-Looking Statements and Non-GAAP Information" on slide 2 and "Non-GAAP Reconciliation" slides in the Appendix for additional information. ²Adjusted for 2-for-1 stock split with a record date of October 1, 2018 and 15-for-1 stock split with a record date of November 30, 2005.

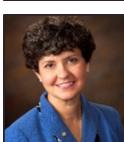
Leadership Team





R. Blake Chatelain

- President, Chief Executive Officer, and Director
- Founding management
- Previously Executive Vice President of Rapides Bank & Trust Company, a subsidiary of First Commerce Corporation
- B.S. in Finance from Louisiana State University



Isabel V. Carriere, CPA, CGMA

- Executive Vice President and Chief Financial Officer
- Founding management
- Previously Manager of the Financial Planning Department at Whitney National Bank, in the Financial Planning and Financial Reporting Department of First Commerce Corporation, and audited depository organizations with KPMG
 B.S. in Management from Tulane University

Bryon C. Salazar

- Executive Vice President, Chief Banking Officer, and Director¹
- Founding management
- Current Past Chairman for the Board of Trustees of Rapides Regional Medical Center
- Previously Commercial Banker at Rapides Bank & Trust Company
- B.S. in Finance from Louisiana State University



Tammi R. Salazar

- Executive Vice President and Chief Operating Officer¹
- Founding management
- Previously Vice President of Rapides Bank & Trust Company
- Director of the Rapides Children's Advocacy Network, River Oaks Art Center, and Christus Cabrini Foundation
- B.S. in Finance from Louisiana Tech University



¹Position with Red River Bank

Julia E. Callis, J.D.

- Senior Vice President, General Counsel, and Corporate Secretary
- Joined Red River Bank in 2020
- Previously with Cleco Corporate Holdings L.L.C. and Thompson & Knight L.L.P.
- B.A. in English from Vanderbilt University and J.D. from Louisiana State University



G. Bridges Hall, IV

- Senior Vice President and Chief Credit Policy Officer¹
- Joined Red River Bank in 2006
- Previously Credit Department Manager (Dallas) at Hibernia National Bank
- B.S. in Business Administration from Northwestern State University, M.B.A. from Louisiana State University-Shreveport, and attended the Graduate School of Banking at Louisiana State University



Debbie B. Triche

- Senior Vice President and Retail Administrator¹
- Joined Red River Bank in 2000
- Previously Vice President and Retail Branch Manager at Rapides Bank & Trust Company
- B.S. in Marketing from Louisiana Tech University



Andrew B. Cutrer

- Senior Vice President and Director of Human Resources
- Joined Red River Bank in 2001
- Previously Director of Human Resources at Bunkie General Hospital
- B.S. in Management and Marketing from Louisiana College and M.B.A. from Louisiana Tech University



David K. Thompson

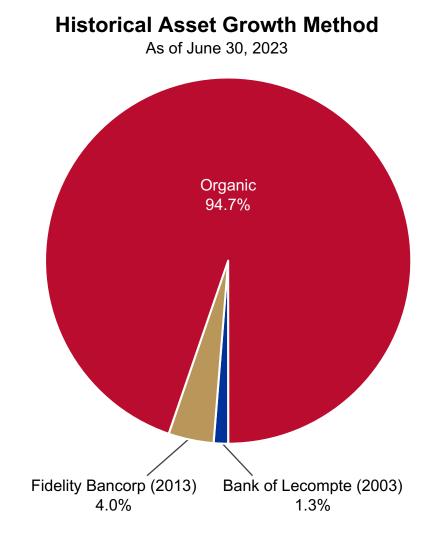
- Capital Market President¹
- Joined Red River Bank in 2015
- Previously Baton Rouge Commercial Group Leader at IBERIABANK
- B.B.A. in Finance from University of Louisiana-Monroe and attended the Graduate School of Banking at Louisiana State University

De Novo Growth Strategies

- Disciplined, targeted investments for smart growth
- Target markets with significant disruption by competitors
- Concentrate on urban markets with growth potential
- Focus on markets where market share is held by large national and regional banks
- Hire experienced leadership from the market to build a team
- Offer an authentic, full-service, relationship-based community bank experience
- Establish presence initially with an LDPO then build or buy and remodel a banking center

Disciplined Acquisition Strategy

 Successfully integrated two acquisitions and positioned to capitalized on future opportunities



Conservative Credit Culture

Our founding management team developed the initial credit culture, predicated upon conservative underwriting principles carried over from regional bank experience. This same team has overseen the implementation and periodic adjustment of these core lending tenets over a 24-year time frame.

Experienced Bankers

In addition to a cohesive, long-tenured executive management team, we enjoy the benefits of an experienced group of client-facing bankers, which has resulted in steady, diversified, organic loan growth, combined with excellent quality metrics.

Relationship-Driven Client Focus

Our loan portfolio is well below CRE portfolio concentration guidelines, which complements our conservative lending philosophy and simultaneously drives our relationship-driven client focus, resulting in a strong core deposit base and enhanced liquidity options.

"Footprint" Lending

We have a low level of participations purchased and shared national credits. Our portfolio is further characterized by modest hold limits, strong oversight, and rapid response to problem loan resolution.

Consistent Lending Standards

Fundamental goals continue to include measured growth, broad diversification, and high-quality performance. Underwriting standards remain consistent regardless of economic conditions.

Zelle[®] is now

available in our _____app!

RED RIVER BANK | Zell

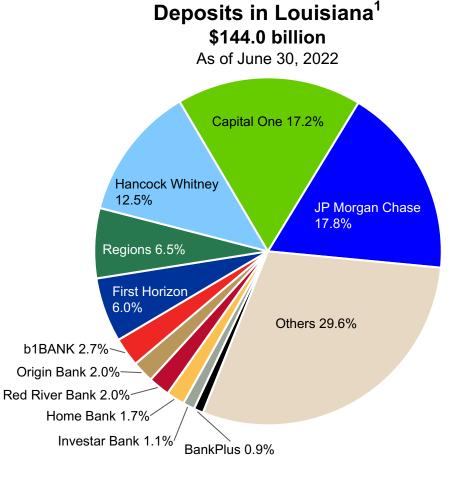
DIGITAL

Strategies and Recent Systems

- Robust commercial treasury systems
- P2P payments platform provided by Zelle[®]
- Online and mobile banking channels: mobile deposit, digital receipts, Apple Pay, mobile wallet, and debit card controls
- Launched redesigned, contactless debit cards
- Online deposit account opening and mortgage applications
 - Implemented an upgrade to include a "Verification of Life" system in an effort to reduce fraud
- Implemented SQN Banking Systems' fraud detection system to screen all checks
- Mobile, automated small-dollar loan system
- Implementing MeridianLink system for end-to-end small business and consumer loan application system
- Completed our core system upgrade to improve efficiency, accuracy, and streamline operations
- Utilize API for automation of processes to improve efficiency and manage headcount
- Invested in the JAM FINTOP Banktech fund as a resource for technology systems

RED RIVER BANCSHARES, INC.

- Red River Bank holds 2.0% of Louisiana deposits¹
- 60.0% of Louisiana deposits are held by large national or regional banks¹
- Large banks de-emphasizing markets we serve
- TD Bank Group announced an agreement to purchase First Horizon in 1Q22. This potential merger was cancelled in 2Q23.



Deposit	Deposit Market Share as of June 30, 2022 ¹												
		Red River Ba	ank			Total							
Markets	Rank	\$M		\$M									
Central Market	1 st	38.5%	\$	1,613	\$	4,187							
Northwest Market	8^{th}	5.2%	\$	553	\$	10,734							
Capital Market	8 th	2.4%	\$	582	\$	24,034							
Southwest Market	12 th	1.0%	\$	65	\$	6,395							
Northshore Market	21 st	0.3%	\$	26	\$	8,066							
Acadiana Market	22 nd	0.3%	\$	23	\$	9,001							
New Orleans Market	n/a	n/a		n/a	\$	37,793							
State of Louisiana	8 th	2.0%	\$	2,862	\$	143,964							

2022 Overview



2022 Financial and Operational Highlights

RED RIVER BANCSHARES, INC.

- Assets decreased 4.4% to \$3.08 billion
- Non-PPP loans HFI¹ increased 15.0% to \$1.92 billion
- Deposits decreased 3.8% to \$2.80 billion
- Repurchased 4,465 shares of common stock at an aggregate cost of \$218,000

	For the Year Ended					
(dollars in thousands, except per share data)		12/31/22		12/31/21		
Assets	\$	3,082,686	\$	3,224,710		
Non-PPP Loans HFI ¹	\$	1,916,253	\$	1,666,282		
Deposits	\$	2,798,936	\$	2,910,348		
Stockholders' Equity	\$	265,753	\$	298,150		
Book Value Per Share	\$	36.99	\$	41.52		
Tangible Book Value Per Share ¹	\$	36.78	\$	41.31		
Realized Book Value Per Share ¹	\$	46.90	\$	42.05		
Loans HFI to Deposits Ratio		68.46%		57.86%		
Noninterest-bearing Deposits to Deposits Ratio		38.96%		39.50%		
NPAs to Assets		0.08%		0.03%		
NPLs to Loans HFI		0.12%		0.02%		
Allowance for Loan Losses to Loans HFI		1.08%		1.14%		
Stockholders' Equity to Assets		8.62%		9.25%		
Tangible Common Equity to Tangible Assets ¹		8.57%		9.20%		
Total Risk-Based Capital Ratio		17.39%		17.83%		
Tier 1 Risk-Based Capital Ratio		16.38%		16.76%		
Leverage Ratio		10.71%		9.67%		

- Record high net income of \$36.9 million for 2022
- EPS (diluted) was \$5.13 and ROA was 1.18%
- Net interest income for 2022 increased 20.8%, or \$14.9 million, to \$86.6 million
- NIM FTE increased 26 bps to 2.86%
- Opened first full-service banking centers in our Acadiana and New Orleans Markets
- Opened the new operations center building

			For the Year Ended								
,	(dollars in thousands, except per share data)	1	2/31/22	1	2/31/21						
5	Net Income	\$	36,916	\$	32,952						
5	EPS, Diluted	\$	5.13	\$	4.51						
	Cash Dividends Per Share	\$	0.28	\$	0.28						
	ROA		1.18%		1.13%						
	ROE		13.98%		11.21%						
	NIM FTE		2.86%		2.60%						
)	Efficiency Ratio		56.60%		56.39%						
))	Net Charge-offs to Average Loans		0.02%		0.04%						

		For the Ye	ear E	 Variance			
(dollars in thousands)		2/31/22	1	2/31/21	\$	%	
Interest and Dividend Income, excluding SBA PPP ¹	\$	93,705	\$	71,566	\$ 22,139	30.9 %	
SBA PPP Loan Income		670		5,773	 (5,103)	(88.4)%	
Total Interest and Dividend Income	\$	94,375	\$	77,339	\$ 17,036	22.0 %	
Interest Expense	_	7,736		5,617	 2,119	37.7 %	
Net Interest Income	\$	86,639	\$	71,722	\$ 14,917	20.8 %	
Mortgage Loan Income	\$	3,096	\$	8,676	\$ (5,580)	(64.3)%	
Net Income	\$	36,916	\$	32,952	\$ 3,964	12.0 %	

- Net interest income was positively impacted by the higher interest rate environment in 2022 and an improved asset mix
- Our participation in the SBA PPP loan program was materially complete as of December 31, 2022
 - SBA PPP income decreased in 2022 due to fewer SBA PPP loans
- Mortgage loan income decreased due to rising mortgage interest rates and home prices, as well as limited housing stock available for purchase in 2022

Second Quarter 2023



Second Quarter 2023 Financial Results

- Consistent assets
- Higher loans
- Lower deposits
- Minimal short-term borrowings
- No long-term borrowings
- Solid liquidity
- Consistent, good asset quality
- Well capitalized
- Net income decreased due to higher deposit interest expense
- EPS, diluted, decreased by \$0.08 to \$1.25 for 2Q23
- Net interest income and NIM FTE were negatively impacted by deposit rate pressures and higher deposit costs
- NPAs to assets ratio consistent
- ACL to loans HFI ratio = 1.08%
- Well capitalized: Leverage Ratio = 11.48%

(dollars in thousands, except per share data)	2Q23	1Q23	2Q22
Net Income	\$ 8,968	\$ 9,598	\$ 9,147
EPS, Diluted	\$ 1.25	\$ 1.33	\$ 1.27
Book Value Per Share	\$ 39.49	\$ 38.54	\$ 35.34
Tangible Book Value Per Share ¹	\$ 39.28	\$ 38.33	\$ 35.12
Realized Book Value Per Share ¹	\$ 49.21	\$ 48.09	\$ 44.23
Cash Dividends Per Share	\$ 0.08	\$ 0.08	\$ 0.07
ROA	1.20%	1.28%	1.15%
ROE	12.78%	14.33%	14.30%
NIM FTE	2.96%	3.13%	2.75%
Efficiency Ratio	58.63%	56.84%	55.64%
Loans HFI to Deposits	73.10%	70.36%	64.61%
Noninterest-bearing Deposits to Deposits	37.14%	38.81%	41.46%
NPAs to Assets	0.07%	0.08%	0.03%
ACL to Loans HFI	1.08%	1.09%	1.05%
Net Charge-offs to Average Loans	—%	%	0.01%
Assets	\$ 3,027,194	\$ 3,030,582	\$ 3,121,113
Loans HFI	\$ 1,947,631	\$ 1,921,850	\$ 1,841,585
Deposits	\$ 2,664,183	\$ 2,731,385	\$ 2,850,195
Stockholders' Equity	\$ 283,372	\$ 276,640	\$ 253,596
Realized Common Equity ¹	\$ 353,065	\$ 345,181	\$ 317,400
Stockholders' Equity to Assets	9.36%	9.13%	8.13%
Tangible Common Equity to Tangible Assets ¹	9.31%	9.08%	8.08%
Total Risk-Based Capital Ratio	18.13%	17.89%	16.89%
Leverage Ratio	11.48%	11.02%	9.73%

Balance Sheet

RED RIVER BANCSHARES, INC.

- Assets consistent at \$3.03 billion
- Loans HFI increased \$25.8 million, or 1.3%, to \$1.95 billion
- Securities decreased \$26.2 million, or 3.4%, to \$739.0 million due to maturities and principal repayments
- Deposits decreased \$67.2 million, or 2.5%, as a result of the changing interest rate environment impacting customer deposit movement and activity, combined with normal tax payments
- Noninterest-bearing deposits to deposits ratio = 37.14%
- Loans HFI to deposits ratio = 73.10%
- No brokered deposits
- FHLB advance = \$60.0 million, shortterm
- No long-term or subordinated debt

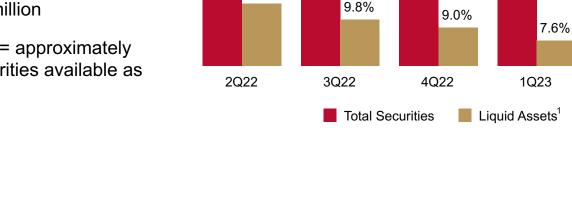
		As of	
(dollars in thousands)	6/30/23	3/31/23	12/31/22
ASSETS			
Cash and due from banks	\$ 36,662	\$ 34,491	\$ 37,824
Interest-bearing deposits in other banks	185,409	194,727	240,568
Securities AFS, at fair value	588,478	611,794	614,407
Securities HTM, at amortized cost	146,569	149,417	151,683
Equity securities, at fair value	3,946	4,010	9,979
Loans HFS	4,586	2,046	518
Loans HFI	1,947,631	1,921,850	1,916,267
Allowance for credit losses	(21,085)	(20,854)	(20,628)
Other Assets	134,998	133,101	132,068
Total Assets	\$ 3,027,194	\$ 3,030,582	\$ 3,082,686
<u>LIABILITIES</u>			
Noninterest-bearing deposits	\$ 989,509	\$ 1,060,042	\$ 1,090,539
Interest-bearing deposits	 1,674,674	 1,671,343	 1,708,397
Total Deposits	2,664,183	2,731,385	2,798,936
Other borrowed funds	60,000	_	
Other accrued expenses and liabilities	19,639	 22,557	 17,997
Total Liabilities	2,743,822	2,753,942	2,816,933
STOCKHOLDERS' EQUITY			
Preferred stock, no par value	—	_	_
Common stock, no par value	59,187	59,788	60,050
Additional paid-in capital	2,248	2,157	2,088
Retained earnings	291,630	283,236	274,781
AOCI	 (69,693)	 (68,541)	 (71,166)
Total Stockholders' Equity	283,372	276,640	 265,753
Total Liabilities and Stockholders' Equity	\$ 3,027,194	\$ 3,030,582	\$ 3,082,686

Liquidity

- Liquid Assets¹ = \$222.1 million, or 7.34% of assets, as of 6/30/23 with \$182.0 million average for 2Q23
- Securities AFS pledged to secure public entity deposits = \$189.4 million
- Estimated cash flows from securities, assuming consistent interest rates
 - \$100.0 million principal repayments from July to December 2023
 - \$140.0 million principal repayments in 2024

Borrowing Availability

- \$1.27 billion in available borrowing capacity through the following sources:
 - Federal Home Loan Bank = \$830.7 million, net of \$60.0 million in short-term advances and \$10.9 million of letters of credit pledged for public entity deposits
 - Federal Funds Lines = \$95.0 million
 - Other revolving lines = \$6.0 million
 - Bank Term Funding Program = approximately \$336.7 million of eligible securities available as collateral



11.4%

26.0%

Securities / Assets vs. Liquid Assets¹ / Assets

(end of period)

25.2%

24.4%

25.2%

25.0%

7.3%

2Q23

Securities

Key Securities Metrics as of June 30, 2023

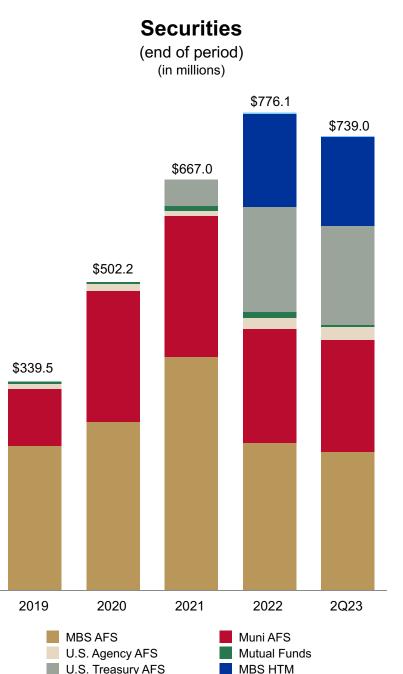
- Securities AFS portfolio at fair value = \$588.5 million, net of \$73.0 million unrealized loss
- Securities HTM portfolio at amortized cost = \$146.6 million
- Unrealized loss on HTM portfolio = \$22.1 million
- 2Q23 yield = 1.76%
- Effective duration = 5.0 years
- Estimated cash flows from securities, assuming consistent interest rates
 - \$100.0 million principal repayments from July to December 2023
 - \$140.0 million principal repayments in 2024
- Securities AFS and HTM pledged as collateral for public entity deposits
 = \$201.5 million
- Available as collateral for Bank Term Funding Program
 = \$336.7 million
- No private label CMBS
- No corporate equity securities
- No investment in subordinated debentures of other financial institutions

Securities AFS Activity 2Q23

- Purchased = \$20.0 million of short-term U.S. Treasury Bills
- No sales

Equity Securities as of June 30, 2023

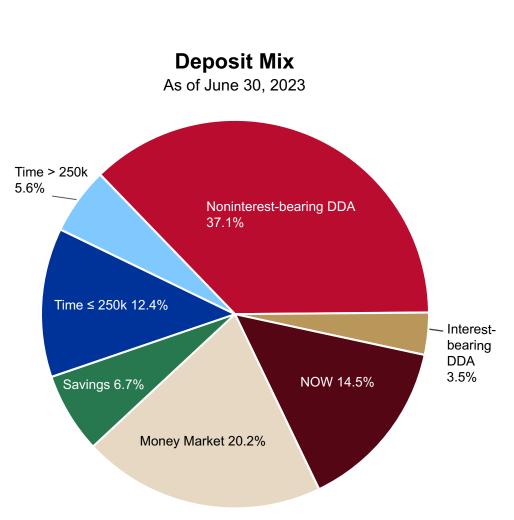
CRA mutual fund consisted primarily of bonds = \$3.9 million

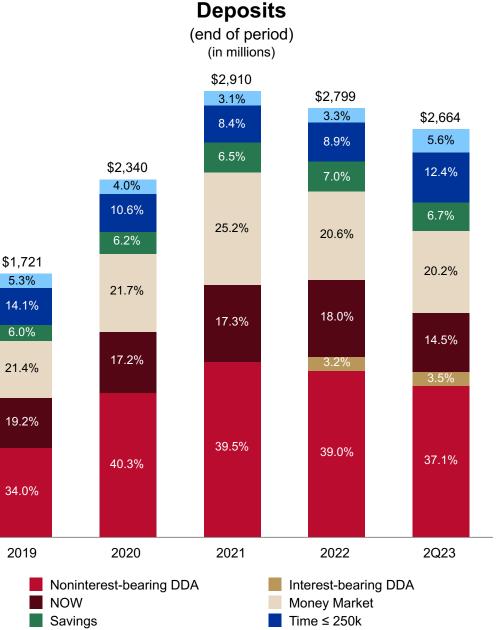


U.S. Agency HTM

Deposits

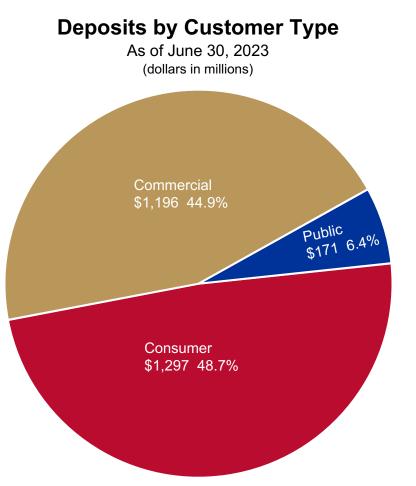
- Deposits were \$2.66 billion for 2Q23, a decrease of \$67.2 million, or 2.5%, compared to 1Q23, due to the changing interest rate environment impacting customer deposit movement and activity, combined with normal tax payments
- Noninterest-bearing deposits to deposits ratio = 37.14%
- Loans HFI to deposits ratio = 73.10%
- Cost of deposits = 1.03%
- No internet-sourced or brokered deposits





Time > 250k

- Granular, diversified deposit portfolio and customer base throughout Louisiana
 - Average deposit account size = \$27,000
- Public entity deposits
 - Relationship-based Louisiana public entities
 - Public entity deposits = \$171.2 million, 6.4% of deposits
- IntraFi Network ICS Reciprocal Deposit Program
 - Offer ICS products to commercial customers for 100% FDIC insurance
 - ICS Outgoing sweep = \$96.0 million
 - ICS Reciprocal funds received (Interest-bearing DDA)
 = \$94.1 million with an interest rate of 4.0% as of June 30, 2023
 - 3.5% of deposits
- Estimated Uninsured Deposits
 - Estimated uninsured deposits¹ = \$805.0 million, 30.2% of deposits
 - Estimated uninsured deposits, excluding collateralized public funds² = \$672.6 million, 25.2% of deposits
 - Cash and cash equivalents combined with available borrowing capacity represent 185.4% of estimated uninsured deposits and 221.9% of estimated uninsured deposits, excluding collateralized public funds

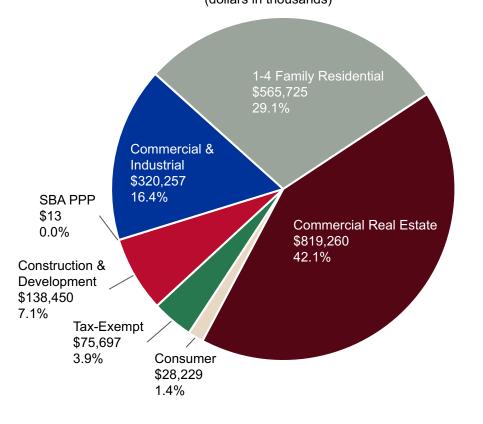


Loan Portfolio Overview

- Loans HFI = \$1.95 billion
- Broad diversification by industry
- Highest industry concentration = Health Care at 8.2%
- Average loan size excluding credit cards = \$237,000

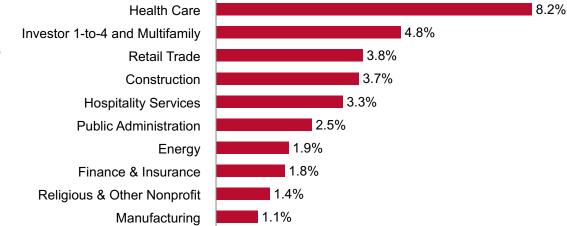
Total Loans HFI % Mix and Average Loan Size

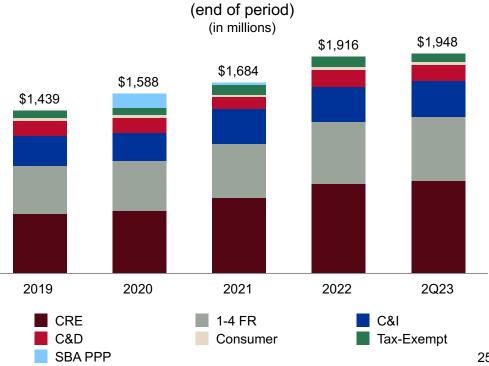
As of June 30, 2023 (dollars in thousands)



Largest Industry Concentrations

As of June 30, 2023



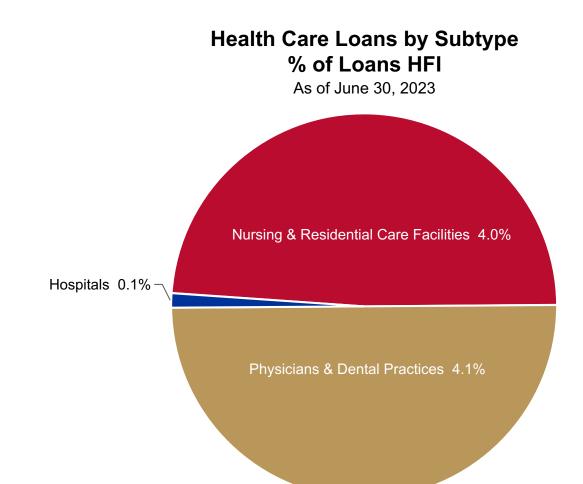


Total Loans HFI

Health Care Loans

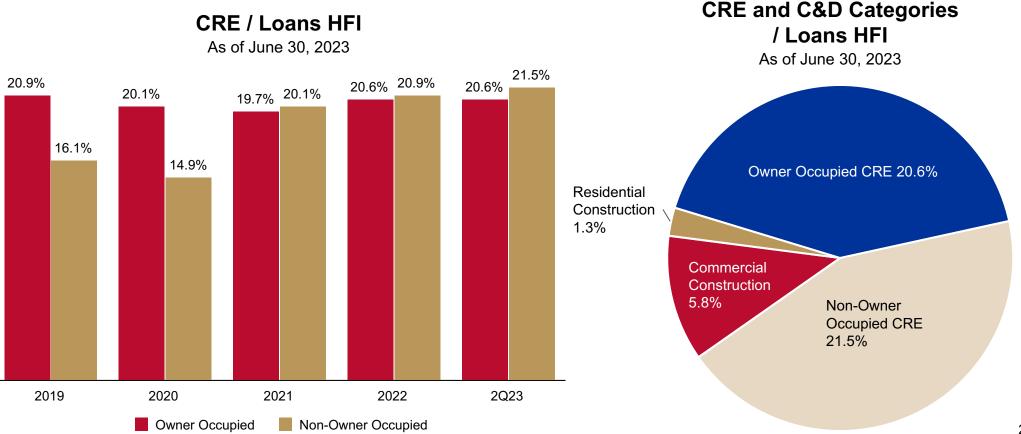


- Largest industry concentration
- Health Care loans = \$159.6 million, or 8.2%, of loans HFI
- Average loan size = \$338,000
- No shared national credits, real estate investment trusts, or assisted living facilities
- Skilled nursing care facilities operate under a certificate of need system in Louisiana
- Nursing facilities are managed by Louisiana-based owner operators



Commercial Real Estate Loans

- CRE = \$819.3 million, or 42.1% of loans HFI
 - Investor-owned office properties = \$56.3 million, or 6.9% of CRE
- C&D = \$138.5 million, or 7.1% of loans HFI
- Low levels of CRE relative to state, regional, and national peers
- CRE concentration ratios as a % of risk-based capital are well below bank regulatory guidelines
 - CRE Ratio = 153.6%
 - C&D Ratio = 38.1%
- CRE criticized loans = \$7.8 million, or 1.0% of total CRE loans and 0.4% of loans HFI
- CRE NPLs = \$717,000, or 0.09% of total CRE loans and 0.04% of loans HFI





Adopted CECL methodology as of January 1, 2023

1Q23 Impact

- \$278,000 increase to ACL
- Established a \$442,000 reserve for unfunded commitments
- Combined 3.5% increase to December 31, 2022 allowance for loan losses
- One-time \$569,000, net of tax, decrease to stockholders' equity
- No provision expense recorded in 1Q23

2Q23 Impact

Provision expense in 2Q23 = \$300,000

Methodologies

- Cohort Loss Rate methodology (static pool analysis) used for loan segments > \$50.0 million
 - Tracks cohort over their remaining lives to determine their loss behavior
- Remaining Life Loss Rate methodology used for loan segments < \$50.0 million</p>
 - The calculated loss rate is applied to the loan segment periodically, based on the remaining life expectancy of the segment
- Loan portfolio is segmented by regulatory call report code
- For loans that do not share general risk characters with segments, we estimate specific reserves on an individual basis

Loans by Market

RED RIVER BANCSHARES, INC.

- Expanding operations in Southwest, Acadiana, Northshore, and Capital Markets
- Opened an LDPO and a full-service banking center in the New Orleans Market

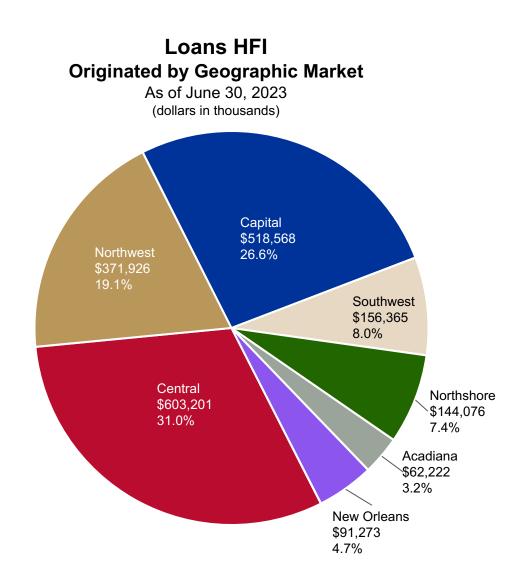
Opportunities and Challenges to Future Loans

Opportunities

- Expansion in larger Louisiana markets
- Competitor disruption
- New lender capacity

Challenges

- Higher rates impacting future borrowing activity
- Economic uncertainty and inflation
- Slowing loan demand
- Robust competition for new loans
- Tight labor market hampering some business expansion



Asset Quality

- NPAs decreased slightly to \$2.0 million
 - NPAs to Assets = 0.07%
- Provision expense totaled \$300,000 in 2Q23
- ACL to loans HFI = 1.08%
- Net charge-offs to average loans since Red River Bank's opening in 1999 = 0.06%

(end of period) 0.09% 0.08% 0.08% 0.03% 0.08% 0.07% 0.03% 0.02% 0.08% 0.02% 0.08% 0.07% 0.02% 0.02% 0.02% 0.02%

NPAs / Assets

Asset Quality Metrics

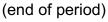
As of and for the quarter ended

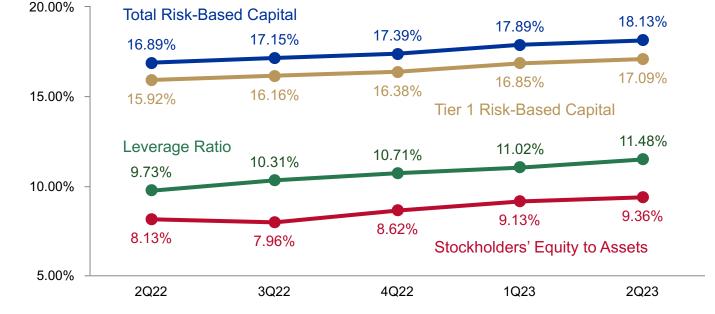
(dollars in thousands)	-	6/30/22	9/30/22	12/31/22	3/31/23	6/30/23
NPLs	\$	311	\$ 2,715	\$ 2,366	\$ 2,361	\$ 1,958
NPLs to Loans HFI		0.02%	0.14%	0.12%	0.12%	0.10%
NPAs	\$	971	\$ 2,715	\$ 2,366	\$ 2,383	\$ 1,980
NPAs to Assets		0.03%	0.09%	0.08%	0.08%	0.07%
Criticized Loans	\$	27,142	\$ 25,814	\$ 22,776	\$ 21,944	\$ 20,711
CLs to Loans HFI		1.48%	1.37%	1.19%	1.14%	1.06%
Provision Expense	\$	250	\$ 600	\$ 750	\$ —	\$ 300
ACL to Loans HFI		1.05%	1.06%	1.08%	1.09%	1.08%
Net Charge-offs to Average Loans		0.01%	0.00%	0.00%	0.00%	0.00%

Capital

- Well capitalized position
- Includes \$69.7 million of net unrealized losses on securities AFS and HTM, 24.6% of capital as of June 30, 2023
- Stock repurchase programs
 - Repurchase Program renewed February 4, 2022 for \$5.0 million and expired December 31, 2022
 - 2022 Repurchased 4,465 shares of common stock for \$218,000
 - Repurchase Program renewed for 2023 for \$5.0 million and will expire December 31, 2023
 - 1H23 Repurchased 18,689 shares of common stock for \$947,000
- Quarterly dividend consistent at \$0.08 per share in 2Q23
- In 3Q22, filed shelf registration statement for the offer and sale of up to \$100 million of various securities
- Capital priorities
 - Remain well capitalized
 - Support organic growth
 - Dividends
 - Stock buybacks
 - Acquisitions







Stockholders' Equity Trends

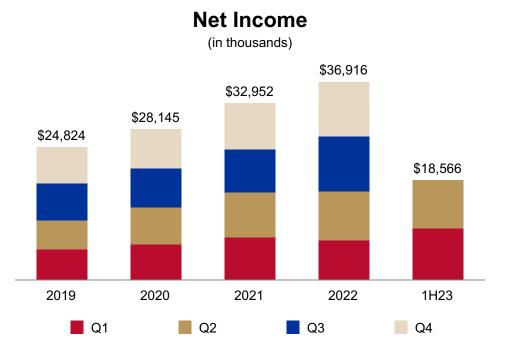
Total Stockholders' Equity (dollars in millions) \$300.0 \$298.7 \$298.2 \$284.9 \$292.9 2021 \$280.0 \$283.4 2023 \$276.6 2022 \$265.8 \$264.9 \$260.0 \$253.6 \$240.0 \$243.4 Q1 Q2 Q3 Q4 Realized Stockholders' Equity¹ (dollars in millions) \$360.0 2023 \$353.1 \$340.0 \$345.2 \$336.9 \$327.2 \$320.0 2022 \$317.4 \$308.7 \$300.0 \$301.9 \$298.7 2021 \$291.9 \$280.0 \$285.2 Q4 Q1 Q2 Q3

¹Non-GAAP measure. See "Forward-Looking Statements and Non-GAAP Information" on slide 2 and "Non-GAAP Reconciliation" slides in the Appendix for additional information.

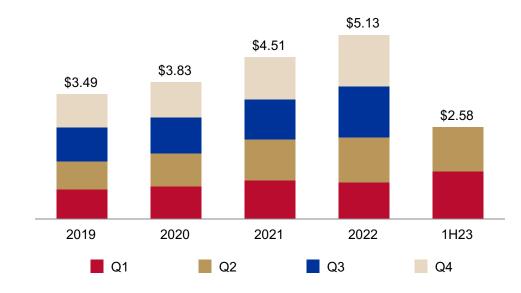
32

Profitability Trends

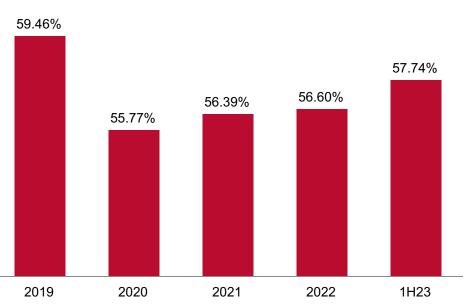
RED RIVER BANCSHARES, INC.



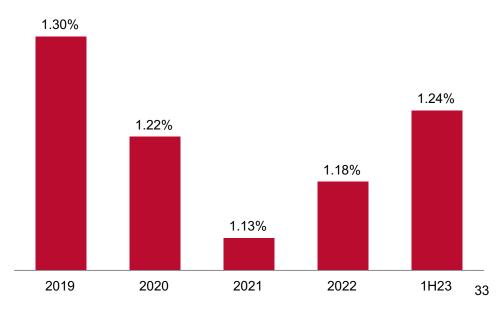
Earnings Per Share (Diluted)



Efficiency Ratio

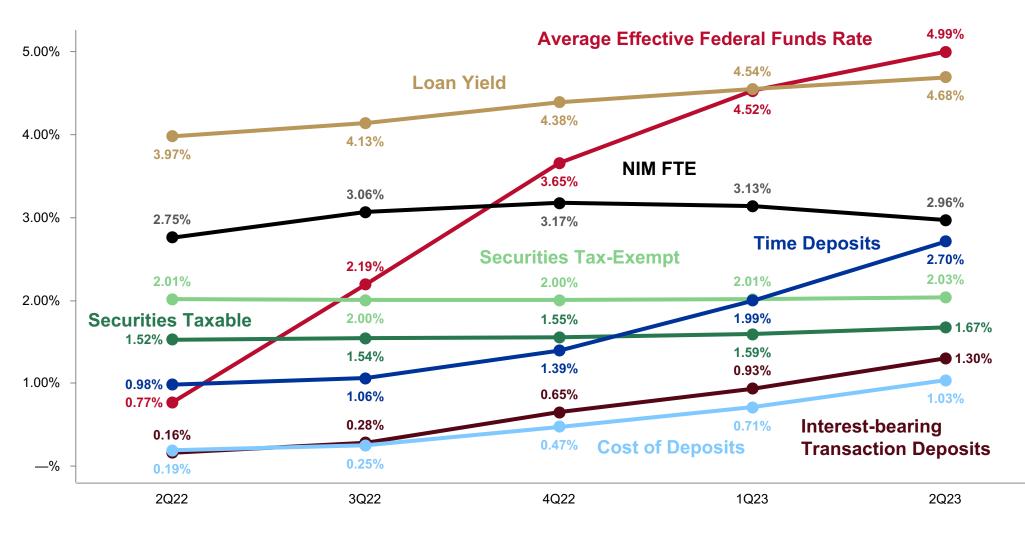


Return on Average Assets



Net Interest Margin FTE (2Q23 vs. 1Q23)

- NIM FTE decreased 17 bps to 2.96% for 2Q23 due to higher deposit rates resulting from deposit rate pressures
- Increased selected deposit rates to retain and attract customers
- Customers moved deposits from lower yielding accounts to higher yielding accounts
- Cost of deposits increased 32 bps in 2Q23 to 1.03%
- Rates on new, renewed, and floating rate loans were 7.09% in 2Q23 compared to 6.68% in 1Q23



	Average Yiel	d / Rate	Basis Points	Beta
	2Q23	1Q23	Increase (Decrease)	2Q23
Loans	4.68%	4.54%	14	30%
Total interest-earning assets	3.86%	3.73%	13	28%
Interest-bearing transaction deposits	1.30%	0.93%	37	78%
Time deposits	2.70%	1.99%	71	150%
Cost of deposits	1.03%	0.71%	32	68%

NIM Opportunity

- Deploy investment cash flows into higher yielding assets
- Increase loan yield
 - Floating rate loans are 13.3% of loans HFI
 - 9.4% of the loan portfolio will reprice in 2H23
 - 11.6% of the loan portfolio will reprice in 2024
- Growth opportunity in new and legacy markets

NIM Challenges

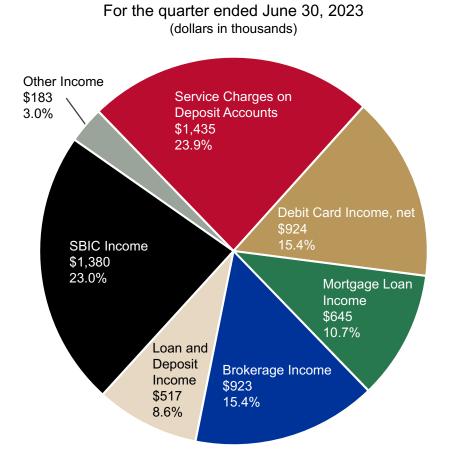
- Uncertainty regarding future interest rate environment
 - The expectation is FOMC will keep the federal funds rate consistent through 4Q23 after 25 bp increase in July
- Deposit rate pressures
- Deposit mix shift to higher cost products
- Uncertainty regarding customer deposit activity
- Competition for new loans

Expectations

- Reinvest cash flow from securities into higher yielding assets
- Deposit rate pressure continues
- Consistent net interest income and net interest margin through 2H23

Noninterest Income (2Q23 vs. 1Q23)

- Noninterest income increased \$1.7 million to \$6.0 million for 2Q23
- SBIC income increased \$1.2 million to \$1.4 million for 2Q23 due to the sale of an investment by the SBIC
 - We expect this income to be lower in future quarters
- Mortgage loan income increased \$370,000 to \$645,000 for 2Q23, a result of improved purchase activity as consumers adjusted to the higher interest rate environment
- Brokerage income increased \$116,000 to \$923,000 for 2Q23 due to investing activities of new and existing clients
 - Assets under management = \$997.3 million
 - Our wealth management program ranked in the top 6% of all financial institutions with LPL Financial for 2Q23¹

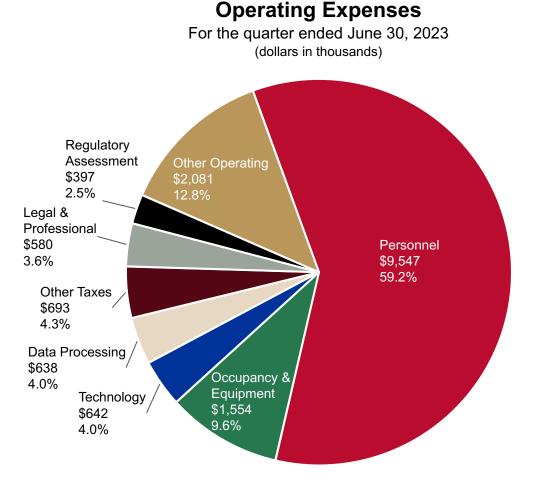


Noninterest Income



Operating Expenses (2Q23 vs. 1Q23)

- Operating expenses increased \$644,000 to \$16.1 million for 2Q23
- Personnel expenses increased \$547,000 to \$9.5 million for 2Q23 due to annual merit raises, higher personnel health insurance expenses, and higher commission compensation
- Data processing expenses increased \$238,000 to \$638,000 for 2Q23
 - In 1Q23, we received a \$252,000 periodic refund from our data processing center
- Occupancy and equipment expenses decreased \$163,000 to \$1.6 million for 2Q23, primarily attributable to the decrease in nonrecurring expenses in 2Q23 compared to 1Q23
- Technology expenses decreased \$106,000 to \$642,000 for 2Q23 due to the renegotiation of a technology vendor contract, which resulted in lower expenses effective in 2Q23



RED RIVER BANCSHARES, INC.

Southwest Market – Lake Charles, Louisiana

- 3Q22 Expanded the Country Club Banking Center with a 3,600 square-foot addition
- 1Q23 Closed Lake Street and consolidated staff to the Country Club Banking Center

Acadiana Market – Lafayette, Louisiana

- 1Q22 Remodeled and opened as a full-service banking center on January 26, 2022
- 2Q22 Closed LDPO and consolidated staff to the Pinhook Banking Center

New Orleans Market – New Orleans, Louisiana

Baronne Street Banking Center

- 2Q22 Leased an existing banking center location in downtown New Orleans
- 3Q22 Opened as a full-service banking center on August 1, 2022

Veterans Memorial Boulevard Banking Center

- 1Q22 Purchased land in Metairie, Louisiana (a New Orleans suburb)
- 3Q23 Construction projected to start on a new full-service banking center

Central Market – Alexandria, Louisiana

4Q22 – Remodeled and opened the new operations center building, a 21,000 square foot building that provides an
efficient facility for operations and support departments, as well as improves our business continuity plan

Strategic Outlook

- Continue building a strong, Louisiana-based, super-community bank by leveraging existing infrastructure and creating strong brand loyalty
- Continue disciplined capital management
- Focus on liquidity
- Manage deposit pricing due to intensified rate pressure
- Manage net interest income and net interest margin in an increased interest rate environment
- Monitor asset quality trends and maintain appropriate level of allowance for credit losses
- Disciplined focus on personal, relationship banking and building shareholder value
- Continue *de novo*, organic expansion strategy
- Expand market share in newer South Louisiana markets
- Monitor markets for opportunity for organic growth or key acquisitions
- Continue to build out digital offerings as needed in order to serve our target customer base
- Continue to expand mortgage operations and investments division across markets
- Seek to take advantage of disruption in the marketplace

Summary



Well positioned for the future

Well capitalized with 11.48% leverage ratio as of June 30, 2023

Stockholders' equity to assets = 9.36%

Tangible common equity to tangible assets¹ = 9.31%

Granular, diversified deposit portfolio

Diversified loan portfolio with good asset quality

Strong liquidity and borrowing capacity

RED RIVER BANCSHARES, INC.

APPENDIX

Non-GAAP Reconciliation

						As of				
(dollars in thousands, except per share data)		6/30/23		3/31/23		12/31/22		6/30/22		12/31/21
Tangible common equity										
Total stockholders' equity	\$	283,372	\$	276,640	\$	265,753	\$	253,596	\$	298,150
Adjustments:										
Intangible assets		(1,546)		(1,546)		(1,546)		(1,546)		(1,546)
Total tangible common equity (non-GAAP)	\$	281,826	\$	275,094	\$	264,207	\$	252,050	\$	296,604
Realized common equity										
Total stockholders' equity	\$	283,372	\$	276,640	\$	265,753	\$	253,596	\$	298,150
Adjustments:										
Accumulated other comprehensive (income) loss		69,693		68,541		71,166		63,804		3,773
Total realized common equity (non-GAAP)	\$	353,065	\$	345,181	\$	336,919	\$	317,400	\$	301,923
Common shares outstanding		7,175,056		7,177,650		7,183,915		7,176,365		7,180,155
Book value per share	\$	39.49	\$	38.54	\$	36.99	\$	35.34	\$	41.52
Tangible book value per share (non-GAAP)	\$	39.28	\$	38.33	\$	36.78	\$	35.12	\$	41.31
Realized book value per share (non-GAAP)	\$	49.21	\$	48.09	\$	46.90	\$	44.23	\$	42.05
Tangible assets										
Total assets	\$ 3	3,027,194	\$:	3,030,582	\$ 3	3,082,686	\$ 3	3,121,113	\$ 3	3,224,710
Adjustments:										
Intangible assets		(1,546)		(1,546)		(1,546)		(1,546)		(1,546)
Total tangible assets (non-GAAP)	\$ 3	3,025,648	\$	3,029,036	\$	3,081,140	\$	3,119,567	\$:	3,223,164
Stockholders' equity to assets		9.36%		9.13%		8.62%		8.13%		9.25%
Tangible common equity to tangible assets (non-GAAP)		9.31%		9.08%		8.57%		8.08%		9.20%

Non-GAAP Reconciliation (continued)

	As of							
(dollars in thousands)	Ş	9/30/22		6/30/22		3/31/22		
Realized common equity								
Total stockholders' equity	\$	243,413	\$	253,596	\$	264,874		
Adjustments:								
Accumulated other comprehensive (income) loss		83,744		63,804		43,819		
Total realized common equity (non-GAAP)	\$	327,157	\$	317,400	\$	308,693		
	_							

	As of							
(dollars in thousands)		9/30/21		6/30/21	3/31/21			
Realized common equity								
Total stockholders' equity	\$	298,688	\$	292,924	\$	284,911		
Adjustments:								
Accumulated other comprehensive (income) loss		61		(1,058)		331		
Total realized common equity (non-GAAP)	\$	298,749	\$	291,866	\$	285,242		

	As of		
(dollars in thousands)	12/31/22		12/31/21
Non-PPP loans HFI			
Loans HFI	\$ 1,916,267	\$	1,683,832
Adjustments:			
PPP loans, net	 (14)		(17,550)
Non-PPP loans HFI (non-GAAP)	\$ 1,916,253	\$	1,666,282
		_	