UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington D.C. 20549

	FORM 10-Q	<u> </u>	
☐ TRANSITION REPORT PURSUANT TO SECTION	the quarterly period ended S or	September 30, 2022 CURITIES EXCHANGE ACT OF 193 to	
	vestar Holding C		
Louisiana (State or other jurisdiction of incorporation or organization)		27-1560715 (I.R.S. Employe Identification No	
(Addre	Coursey Boulevard, Baton Ross of principal executive office (225) 227-2222 istrant's telephone number, in	es, including zip code)	
Securities registered pursuant to Section 12(b) of the Act	•	,	
Title of each class Common stock, \$1.00 par value per share	Trading Symbol (ISTR		change on which registered daq Global Market
Indicate by check mark whether the registrant (1) has file the preceding 12 months (or for such shorter period that the past 90 days. Yes ⊠ No □			
Indicate by check mark whether the registrant has sub Regulation S-T ($\S 232.405$ of this chapter) during the files). Yes \boxtimes No \square			
Indicate by check mark whether the registrant is a large emerging growth company. See the definitions of "large in Rule 12b-2 of the Exchange Act.			
Large accelerated filer Non-accelerated filer	□ Smaller	rated filer reporting company ng growth company	⊠ ⊠ □
If an emerging growth company, indicate by check mark revised financial accounting standards provided pursuant	_	-	r complying with any new or
Indicate by check mark whether the registrant is a shell c	ompany (as defined in Rule 12	b-2 of the Exchange Act). Yes □ No	0 ⊠
The number of shares outstanding of the issuer's class of 9,890,880 shares outstanding as of October 31, 2022.	common stock, as of the latest	practicable date, is as follows: Common	n stock, \$1.00 par value,

TABLE OF CONTENTS

Part I. Financial Information

Item 1.	Financial Statements (Unaudited)	<u>3</u>
	Consolidated Balance Sheets as of September 30, 2022 and December 31, 2021	<u>3</u>
	Consolidated Statements of Income (Loss) for the three and nine months ended September 30, 2022 and 2021	<u>4</u>
	Consolidated Statements of Comprehensive (Loss) Income for the three and nine months ended September 30, 2022 and 2021	<u>5</u>
	Consolidated Statements of Changes in Stockholders' Equity for the three and nine months ended September 30, 2022 and 2021	<u>6</u>
	Consolidated Statements of Cash Flows for the nine months ended September 30, 2022 and 2021	8
	Notes to the Consolidated Financial Statements	<u>8</u> 10
	Note 1. Summary of Significant Accounting Policies	<u>10</u>
	Note 2. Business Combinations	<u>15</u>
	Note 3. Earnings Per Share	<u>16</u>
	Note 4. Investment Securities	<u>16</u>
	Note 5. Loans and Allowance for Loan Losses	10 15 16 16 19 31 32 33 38 38 39 40 64
	Note 6. Stockholders' Equity	<u>31</u>
	Note 7. Derivative Financial Instruments	<u>32</u>
	Note 8. Fair Values of Financial Instruments	<u>33</u>
	Note 9. Income Taxes	<u>38</u>
	Note 10. Commitments and Contingencies	<u>38</u>
	Note 11. Leases	<u>39</u>
Item 2.	Management's Discussion and Analysis of Financial Condition and Results of Operations	<u>40</u>
Item 3.	Quantitative and Qualitative Disclosures about Market Risk	<u>64</u>
Item 4.	Controls and Procedures	<u>64</u>
Part II. Oth	ner Information	
Item 1A.	Risk Factors	65
Item 2.	Unregistered Sales of Equity Securities and Use of Proceeds	65 65 67 68
Item 6.	Exhibits	67
Signatures		68
=-0 <u>00</u>		<u>00</u>
	2	

PART I. FINANCIAL INFORMATION ITEM 1. FINANCIAL STATEMENTS

INVESTAR HOLDING CORPORATION CONSOLIDATED BALANCE SHEETS (Amounts in thousands, except share data)

	Se	ptember 30, 2022	Dece	December 31, 2021		
	(1	Unaudited)				
ASSETS						
Cash and due from banks	\$	31,711	\$	38,601		
Interest-bearing balances due from other banks		4,302		57,940		
Federal funds sold		_		500		
Cash and cash equivalents		36,013		97,041		
Available for sale securities at fair value (amortized cost of \$477,242 and \$356,639, respectively)		413,186		355,509		
Held to maturity securities at amortized cost (estimated fair value of \$8,951 and \$10,727, respectively)		9,373		10,255		
Loans held for sale		_		620		
Loans, net of allowance for loan losses of \$23,164 and \$20,859, respectively		1,982,513		1,851,153		
Equity securities		26,629		16,803		
Bank premises and equipment, net of accumulated depreciation of \$21,421 and \$19,149, respectively		50,327		58,080		
Other real estate owned, net		2,326		2,653		
Accrued interest receivable		11,915		11,355		
Deferred tax asset		16,587		2,239		
Goodwill and other intangible assets, net		43,360		44,036		
Bank owned life insurance		57,033		51,074		
Other assets		12,432		12,385		
Total assets	\$	2,661,694	\$	2,513,203		
LIABILITIES						
Deposits:						
Noninterest-bearing	\$	590,610	\$	585,465		
Interest-bearing		1,462,073		1,534,801		
Total deposits		2,052,683		2,120,266		
Advances from Federal Home Loan Bank		333,100		78,500		
Federal funds purchased		168				
Repurchase agreements		_		5,783		
Subordinated debt, net of unamortized issuance costs		44,201		42,989		
Junior subordinated debt		8,484		8,384		
Accrued taxes and other liabilities		17,358		14,683		
Total liabilities		2,455,994		2,270,605		
STOCKHOLDERS' EQUITY						
Preferred stock, no par value per share; 5,000,000 shares authorized		_		_		
Common stock, \$1.00 par value per share; 40,000,000 shares authorized; 9,901,078 and 10,343,494 shares						
issued and outstanding, respectively		9,901		10,343		
Surplus		146,155		154,932		
Retained earnings		100,247		76,160		
Accumulated other comprehensive (loss) income		(50,603)		1,163		
Total stockholders' equity		205,700		242,598		
Total liabilities and stockholders' equity	\$	2,661,694	\$	2,513,203		

See accompanying notes to the consolidated financial statements.

INVESTAR HOLDING CORPORATION CONSOLIDATED STATEMENTS OF INCOME (LOSS)

(Amounts in thousands, except share data) (Unaudited)

	Thre	Three months ended September 30,			Ni	ine months end	September	
		2022	·,	2021		2022	2021	
INTEREST INCOME								
Interest and fees on loans	\$	23,924	\$	23,220	\$		\$ 67,982	
Interest on investment securities		2,874		1,021		7,192	3,209	
Other interest income		204		232		590	598	
Total interest income		27,002		24,473		75,197	71,789	
INTEREST EXPENSE								
Interest on deposits		1,315		1,854		3,198	6,270	
Interest on borrowings		2,220		1,071		4,733	3,172	
Total interest expense		3,535		2,925		7,931	9,442	
Net interest income		23,467		21,548		67,266	62,347	
Provision for loan losses		1,162		21,713		1,654	22,227	
Net interest income (loss) after provision for loan losses		22,305		(165)		65,612	40,120	
NONINTEREST INCOME								
Service charges on deposit accounts		820		650		2,291	1,748	
Gain on call or sale of investment securities, net						6	2,321	
Loss on sale or disposition of fixed assets, net		(103)		_		(191)	(2)	
Gain (loss) on sale of other real estate owned, net		50		_		7	(5)	
Swap termination fee income		_		1,835		8,077	1,835	
Gain on sale of loans		_		73		37	119	
Servicing fees and fee income on serviced loans		17		38		61	167	
Interchange fees		511		504		1,544	1,393	
Income from bank owned life insurance		341		304		959	838	
Change in the fair value of equity securities		(27)		48		(102)	204	
Other operating income		1,056		462		2,220	1,743	
Total noninterest income		2,665		3,914		14,909	10,361	
Income before noninterest expense		24,970		3,749		80,521	50,481	
NONINTEREST EXPENSE								
Depreciation and amortization		1,087		1,264		3,364	3,748	
Salaries and employee benefits		9,345		9,770		27,429	28,381	
Occupancy		810		662		2,202	1,975	
Data processing		861		715		2,594	2,434	
Marketing		84		57		188	169	
Professional fees		460		382		1,338	1,118	
Loss on early extinguishment of subordinated debt				_		222	_	
Acquisition expense		_		446		_	2,448	
Other operating expenses		3,320		3,085		9,615	8,877	
Total noninterest expense		15,967		16,381		46,952	49,150	
Income (loss) before income tax expense (benefit)		9,003		(12,632)		33,569	1,331	
Income tax expense (benefit)		1,699		(2,648)		6,758	267	
Net income (loss)	\$	7,304	\$	(9,984)	\$	26,811	\$ 1,064	
EARNINGS PER SHARE								
Basic earnings (loss) per share	\$	0.74	\$	(0.95)	\$	2.64	\$ 0.10	
Diluted earnings (loss) per share	-	0.73	-	(0.95)	•	2.62	0.09	
Cash dividends declared per common share		0.095		0.08		0.27	0.23	
Cash at racing decimed per common single		5.075		0.00		0.27	0.23	

 $See\ accompanying\ notes\ to\ the\ consolidated\ financial\ statements.$

INVESTAR HOLDING CORPORATION CONSOLIDATED STATEMENTS OF COMPREHENSIVE (LOSS) INCOME

(Amounts in thousands) (Unaudited)

	Three months ended September 30,			Nine months ended September 30,				
		2022		2021		2022		2021
Net income (loss)	\$	7,304	\$	(9,984)	\$	26,811	\$	1,064
Other comprehensive (loss) income:								
Investment securities:								
Unrealized loss, available for sale, net of tax benefit of \$4,739, \$331, \$13,210								
and \$441, respectively		(17,829)		(1,246)		(49,709)		(1,659)
Reclassification of realized gain, available for sale, net of tax expense of \$0,								
\$0, \$1 and \$487, respectively		_		_		(5)		(1,834)
Unrealized loss, transfer from available for sale to held to maturity, net of tax								
benefit of \$0 for all respective periods		_		(1)		(1)		(1)
Derivative financial instruments:								
Change in fair value of interest rate swaps designated as a cash flow hedge,								
net of tax expense of \$0, \$135, \$1,151 and \$1,206, respectively				508		4,329		4,538
Reclassification of realized gain, interest rate swap termination, net of tax								
expense of \$0, \$385, \$1,697 and \$385, respectively		_		(1,450)		(6,380)		(1,450)
Total other comprehensive loss		(17,829)		(2,189)		(51,766)		(406)
Total comprehensive (loss) income	\$	(10,525)	\$	(12,173)	\$	(24,955)	\$	658

See accompanying notes to the consolidated financial statements.

INVESTAR HOLDING CORPORATION CONSOLIDATED STATEMENTS OF CHANGES IN STOCKHOLDERS' EQUITY

(Amounts in thousands, except share data) (Unaudited)

	(Common Stock	Surplus	Retained Earnings	Co	Other omprehensive acome (Loss)	St	Total cockholders' Equity
Three months ended:								
September 30, 2021								
Balance at beginning of period	\$	10,413	\$ 155,847	\$ 80,867	\$	3,588	\$	250,715
Surrendered shares		_	(5)	_		_		(5)
Options exercised		39	579	_		_		618
Dividends declared, \$0.08 per share		_	_	(829)		_		(829)
Stock-based compensation		1	441	_		_		442
Shares repurchased		(109)	(2,335)	_		_		(2,444)
Net loss		_	_	(9,984)		_		(9,984)
Other comprehensive loss, net				 _		(2,189)		(2,189)
Balance at end of period	\$	10,344	\$ 154,527	\$ 70,054	\$	1,399	\$	236,324
September 30, 2022								
Balance at beginning of period	\$	10,025	\$ 148,230	\$ 93,888	\$	(32,774)	\$	219,369
Surrendered shares		(1)	(5)	_				(6)
Options exercised		3	32	_		_		35
Dividends declared, \$0.095 per share		_	_	(945)		_		(945)
Stock-based compensation		1	501	_		_		502
Shares repurchased		(127)	(2,603)	_		_		(2,730)
Net income		_	_	7,304		_		7,304
Other comprehensive loss, net			_			(17,829)		(17,829)
Balance at end of period	\$	9,901	\$ 146,155	\$ 100,247	\$	(50,603)	\$	205,700

 $See\ accompanying\ notes\ to\ the\ consolidated\ financial\ statements.$

INVESTAR HOLDING CORPORATION CONSOLIDATED STATEMENTS OF CHANGES IN STOCKHOLDERS' EQUITY, CONTINUED

(Amounts in thousands, except share data) (Unaudited)

	_	ommon Stock	Surplus	Retained Earnings	Co	ccumulated Other mprehensive come (Loss)	St	Total ockholders' Equity
Nine months ended:								
September 30, 2021								
Balance at beginning of period	\$	10,609	\$ 159,485	\$ 71,385	\$	1,805	\$	243,284
Surrendered shares		(19)	(348)	_		_		(367)
Options exercised		47	686	_		_		733
Dividends declared, \$0.23 per share			_	(2,395)		_		(2,395)
Stock-based compensation		66	1,270	_		_		1,336
Shares repurchased		(359)	(6,566)	_		_		(6,925)
Net income		_	_	1,064		_		1,064
Other comprehensive loss, net						(406)		(406)
Balance at end of period	\$	10,344	\$ 154,527	\$ 70,054	\$	1,399	\$	236,324
September 30, 2022								
Balance at beginning of period	\$	10,343	\$ 154,932	\$ 76,160	\$	1,163	\$	242,598
Surrendered shares		(20)	(369)	_		_		(389)
Options exercised		10	123	_		_		133
Dividends declared, \$0.27 per share		_	_	(2,724)		_		(2,724)
Stock-based compensation		77	1,294	_		_		1,371
Shares repurchased		(509)	(9,825)	_		_		(10,334)
Net income			_	26,811				26,811
Other comprehensive loss, net						(51,766)		(51,766)
Balance at end of period	\$	9,901	\$ 146,155	\$ 100,247	\$	(50,603)	\$	205,700

See accompanying notes to the consolidated financial statements.

INVESTAR HOLDING CORPORATION CONSOLIDATED STATEMENTS OF CASH FLOWS

(Amounts in thousands) (Unaudited)

	1	Nine months ended September			
		2022		2021	
Net income	\$	26,811	\$		1,064
Adjustments to reconcile net income to net cash provided by operating activities:					
Depreciation and amortization		3,364			3,748
Provision for loan losses		1,654			22,227
Amortization of purchase accounting adjustments		(131)			(1,249)
Net amortization of securities		899			2,839
Gain on call or sale of investment securities, net		(6)			(2,321)
Loss on sale or disposition of fixed assets, net		191			2
(Gain) loss on sale of other real estate owned, net		(7)			5
Loss on early extinguishment of subordinated debt		222			_
FHLB stock dividend		(50)			(31
Stock-based compensation		1,371			1,336
Deferred taxes		(588)			136
Net change in value of bank owned life insurance		(959)			(835
Amortization of subordinated debt issuance costs		42			69
Change in the fair value of equity securities		102			(204
Loans held for sale:					
Originations		(624)			(7,195
Proceeds from sales		1,281			7,014
Gain on sale of loans		(37)			(119
Net change in:		, ,			
Accrued interest receivable		(560)			2,074
Other assets		(1,646)			(3,898
Accrued taxes and other liabilities		2,220			3,960
Net cash provided by operating activities		33,549			28,622
ash flows from investing activities:					
Proceeds from sales of investment securities available for sale		<u>_</u>		1	37,803
Purchases of securities available for sale		(180,590)			56,204
Proceeds from maturities, prepayments and calls of investment securities available for sale		49,271			68,444
Proceeds from maturities, prepayments and calls of investment securities held to maturity		868			1,003
Proceeds from redemption or sale of equity securities		326			574
Purchases of equity securities		(10,204)			(523
Net (increase) decrease in loans		(125,988)			78,644
Proceeds from sales of other real estate owned		4,145			878
Purchases of other real estate owned		4,143			(501
Proceeds from sales of fixed assets		4,692			(301
Purchases of fixed assets		(743)			(3,293
Purchases of lixed assets Purchases of bank owned life insurance		(5,000)			(8,000
Purchase of other investments		(643)			(123
Distributions from investments		25			20
Cash paid for acquisition of Cheaha Financial Group, net of cash acquired					8,112
Net cash (used in) provided by investing activities		(263,841)		1	26,837

INVESTAR HOLDING CORPORATION CONSOLIDATED STATEMENTS OF CASH FLOWS, CONTINUED

(Amounts in thousands) (Unaudited)

Cash flows from financing activities:		
Net (decrease) increase in customer deposits	(67,859)	209,190
Net increase in federal funds purchased	168	_
Net (decrease) increase in repurchase agreements	(5,783)	927
Net increase (decrease) in short-term FHLB advances	279,600	(42,000)
Repayment of long-term FHLB advances	(25,000)	_
Cash dividends paid on common stock	(2,609)	(2,261)
Proceeds from stock options exercised	133	733
Payments to repurchase common stock	(10,334)	(6,925)
Proceeds from subordinated debt, net of issuance costs	19,548	_
Extinguishment of subordinated debt	(18,600)	_
Net cash provided by financing activities	169,264	159,664
Net change in cash and cash equivalents	(61,028)	315,123
Cash and cash equivalents, beginning of period	97,041	35,368
Cash and cash equivalents, end of period	\$ 36,013	\$ 350,491

See accompanying notes to the consolidated financial statements.

NOTE 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation

The accompanying unaudited consolidated financial statements of Investar Holding Corporation (the "Company") have been prepared in accordance with United States generally accepted accounting principles ("GAAP") for interim financial information and the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include information or footnotes necessary for a complete presentation of financial position, results of operations, and cash flows in conformity with GAAP. However, in the opinion of management, all adjustments (consisting of normal recurring adjustments) necessary for a fair presentation of the financial statements have been included. The results of operations for the three and nine month periods ended September 30, 2022 are not necessarily indicative of the results that may be expected for the entire fiscal year. These statements should be read in conjunction with the Company's audited consolidated financial statements for the year ended December 31, 2021, including the notes thereto, which were included as part of the Company's Annual Report on Form 10-K filed with the Securities and Exchange Commission ("SEC") on March 9, 2022.

Nature of Operations

The Company, headquartered in Baton Rouge, Louisiana, provides full banking services, excluding trust services, through its wholly-owned banking subsidiary, Investar Bank, National Association (the "Bank"), a national bank, primarily to meet the needs of individuals, professionals and small to medium-sized businesses. The Company's primary markets are in Louisiana, Texas and Alabama. At September 30, 2022, the Company operated 21 full service branches located in Louisiana, four full service branches located in Alabama, and had 352 full-time equivalent employees.

Principles of Consolidation

The consolidated financial statements include the accounts of the Company and its wholly-owned subsidiary, the Bank. All significant intercompany accounts and transactions have been eliminated in consolidation.

Use of Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the financial statements as well as the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates, and such differences could be material.

Material estimates that are particularly susceptible to significant change relate to the determination of the allowance for loan losses. While management uses available information to recognize losses on loans, future additions to the allowance may be necessary based on changes in local economic conditions, changes in conditions of our borrowers' industries or changes in the condition of individual borrowers. In addition, regulatory agencies, as an integral part of their examination process, periodically review the Company's allowance for loan losses. Such agencies may require the Company to recognize additions to the allowance based on their judgments about information available to them at the time of their examination. Because of these factors, it is reasonably possible that the allowance for loan losses may change materially in the near term. However, the amount of the change that is reasonably possible cannot be estimated.

Other estimates that are susceptible to significant change in the near term relate to the allowance for off-balance sheet credit losses, the fair value of stock-based compensation awards, the determination of other-than-temporary impairments of securities, and the fair value of financial instruments and goodwill.

Investment Securities

The Company's investments in debt securities are accounted for in accordance with applicable guidance contained in the Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC"), which requires the classification of securities into one of the following categories:

- Securities available for sale ("AFS"): available for sale securities consist of bonds, notes, and debentures that are available to meet the Company's operating needs. These securities are reported at fair value.
- Securities to be held to maturity ("HTM"): bonds, notes, and debentures for which the Company has the positive intent and ability to hold to maturity are reported at cost, adjusted for premiums and discounts that are recognized in interest income using the interest method over the period to maturity.

Unrealized holding gains and losses, net of tax, on AFS debt securities are reported as a net amount in other comprehensive income. Purchase premiums and discounts are recognized in interest income using the interest method over the terms of the securities. Realized gains and losses on the sale of debt securities are determined using the specific-identification method.

The Company follows FASB guidance related to the recognition and presentation of other-than-temporary impairment. The guidance specifies that if an entity does not have the intent to sell a debt security and it is not more likely than not that the Company will be required to sell the security prior to recovery, the security would not be considered other-than-temporarily impaired unless there is a credit loss. When an entity does not intend to sell the security, and it is more likely than not that the entity will not have to sell the security before recovery of its cost basis, it will recognize the credit component of an other-than-temporary impairment of a debt security in earnings and the remaining portion in other comprehensive income.

Equity Securities

The Company is a member of the Federal Home Loan Bank ("FHLB") system. Members of the FHLB are required to own a certain amount of stock based on the level of borrowings and other factors, and may invest in additional amounts. FHLB stock is carried at cost, is restricted as to redemption, and is periodically evaluated for impairment based on ultimate recovery of par value. Both cash and stock dividends are reported as income. Equity securities also include investments in our other correspondent banks including Independent Bankers Financial Corporation and First National Bankers Bank stock. These investments are carried at cost which approximates fair value. The balance of equity securities in our correspondent banks at September 30, 2022 and December 31, 2021 was \$24.5 million and \$15.0 million, respectively.

In addition, equity securities include marketable securities in corporate stocks and mutual funds. The estimated fair value of equity securities totaled \$2.1 million and \$1.8 million at September 30, 2022 and December 31, 2021, respectively.

Loans

The Company's loan portfolio categories include real estate, commercial and consumer loans. Real estate loans are further categorized into construction and development, 1-4 family residential, multifamily, farmland and commercial real estate loans. The consumer loan category includes loans originated through indirect lending. Indirect lending, which is lending initiated through third-party business partners, is largely comprised of loans made through automotive dealerships.

Loans for which management has the intent and ability to hold for the foreseeable future, or until maturity or pay-off are stated at unpaid principal balances, adjusted by an allowance for loan losses. Interest on loans is calculated by using the simple interest method on daily balances of the principal amount outstanding. Loan origination fees, net of direct loan origination costs, and commitment fees, are deferred and amortized as an adjustment to yield over the life of the loan, or over the commitment period, as applicable. Loans are considered past due if the required principal and interest payments have not been received as of the date such payments were due. Loans are ordinarily placed on nonaccrual when a loan is specifically determined to be impaired or when principal or interest is delinquent for 90 days or more; however, management may elect to continue the accrual when the estimated net realizable value of collateral is sufficient to cover the principal balance and the accrued interest. Any unpaid interest previously accrued on nonaccrual loans is reversed from income. Interest income, generally, is not recognized on specific impaired loans unless the likelihood of further loss is remote. Interest payments received on such loans are applied as a reduction of the loan principal balance. Interest income on other nonaccrual loans is recognized only to the extent of interest payments received. A loan may be returned to accrual status when all the principal and interest amounts contractually due are brought current and future principal and interest amounts contractually due are reasonably assured, which is typically evidenced by a sustained period of repayment performance by the borrower.

The Company considers a loan to be impaired when, based upon current information and events, it believes it is probable that the Company will be unable to collect all amounts due according to the contractual terms of the loan agreement. Factors considered by management in determining impairment include payment status, collateral value, and the probability of collecting scheduled principal and interest payments when due. Loans that experience insignificant payment delays and payment shortfalls generally are not classified as impaired. The Company's impaired loans include troubled debt restructurings ("TDRs") and performing and nonperforming loans for which full payment of principal or interest is not expected. Large groups of smaller balance homogeneous loans are collectively evaluated for impairment. The Company calculates an allowance required for impaired loans based on the present value of expected future cash flows discounted at the loan's effective interest rate, the loan's observable market price or the fair value of its collateral. If the recorded investment in the impaired loan exceeds the measure of fair value, a valuation allowance is required as a component of the allowance for loan losses. Changes to the valuation allowance are recorded as a component of the provision for loan losses.

The Company follows the FASB accounting guidance on sales of financial assets, which includes participating interests in loans. For loan participations that are structured in accordance with this guidance, the sold portions are recorded as a reduction of the loan portfolio. Loan participations that do not meet the criteria are accounted for as secured borrowings.

Loans Held for Sale

Loans originated and intended for sale in the secondary market are carried at the lower of cost or fair value. For loans carried at the lower of cost or fair value, gains and losses on loan sales (sales proceeds minus carrying value) are recorded in noninterest income, and direct loan origination costs and fees are deferred at origination of the loan and are recognized in noninterest income upon sale of the loan. At September 30, 2022, there were no loans held for sale, and at December 31, 2021, there were \$0.6 million in loans held for sale.

Allowance for Loan Losses

The allowance for loan losses is estimated through a provision for loan losses charged to earnings. Loan losses are charged against the allowance when management believes the loan balance is uncollectible. Subsequent recoveries, if any, are credited to the allowance.

The allowance is an amount that management believes will be adequate to absorb probable losses inherent in the loan portfolio as of the balance sheet date based on evaluations of the collectability of loans and prior loan loss experience. The evaluations take into consideration such factors as changes in the nature and volume of the loan portfolio, overall portfolio quality, review of specific problem loans, and current economic conditions that may affect the borrower's ability to pay. This evaluation is inherently subjective as it requires estimates that are susceptible to significant revision as more information becomes available. Allowances for impaired loans are generally determined based on collateral values or the present value of estimated cash flows. Credits deemed uncollectible are charged to the allowance. Provisions for loan losses and recoveries on loans previously charged off are added to the allowance. Past due status is determined based on contractual terms.

The allowance consists of allocated and general components. The allocated component relates to loans that are classified as impaired. For loans that are classified as impaired, an allowance is established when the discounted cash flows (or collateral value or observable market price) of the impaired loan is lower than the carrying value of that loan. The general component covers non-classified loans and is based on historical loss experience adjusted for qualitative factors. Based on management's review and observations made through qualitative review, management may apply qualitative adjustments to determine loss estimates at a group and/or portfolio segment level as deemed appropriate. Management has an established methodology to determine the adequacy of the allowance for loan losses that assesses the risks and losses inherent in its portfolio and portfolio segments. The Company utilizes an internally developed model that requires judgment to determine the estimation method that fits the credit risk characteristics of the loans in its portfolio and portfolio segments. Qualitative and environmental factors that may not be directly reflected in quantitative estimates include: asset quality trends, changes in loan concentrations, new products and process changes, changes and pressures from competition, changes in lending policies and underwriting practices, trends in the nature and volume of the loan portfolio, changes in experience and depth of lending staff and management and national and regional economic trends. The Company also considers third party or comparable company loss data. Changes in these factors are considered in determining changes in the allowance for loan losses. The impact of these factors are already reflected in historic loss rates. The uncertainty inherent in the estimation process is also considered in evaluating the allowance for loan losses.

In the ordinary course of business, the Bank enters into commitments to extend credit and standby letters of credit. Such financial instruments are recorded in the financial statements when they become payable. The credit risk associated with these commitments is evaluated in a manner similar to the allowance for loan losses. The reserve for unfunded loan commitments is included in "Accrued taxes and other liabilities" in the accompanying consolidated balance sheets. The reserve for unfunded loan commitments was \$0.3 million and \$0.7 million at September 30, 2022 and December 31, 2021, respectively.

Acquisition Accounting

Business combinations are accounted for under the acquisition method of accounting. Purchased assets and assumed liabilities are recorded at their respective acquisition date fair values, and identifiable intangible assets are recorded at fair value. If the consideration given exceeds the fair value of the net assets received, goodwill is recognized. If the fair value of the net assets received exceeds the consideration given, a bargain purchase gain is recognized. Fair values are subject to refinement for up to one year after the closing date of an acquisition as information relative to closing date fair values becomes available.

Loans acquired in a business combination are recorded at their estimated fair value as of the acquisition date. The fair value of loans acquired is determined using a discounted cash flow model based on assumptions regarding the amount and timing of principal and interest prepayments, estimated payments, estimated default rates, estimated loss severity in the event of defaults, and current market rates. Estimated credit losses are included in the determination of fair value; therefore, an allowance for loan losses is not recorded on the acquisition date. The fair value adjustment is amortized over the life of the loan using the effective interest method, except for those loans accounted for under ASC Topic 310-30, discussed below. An allowance for acquired loans not accounted for under ASC Topic 310-30 is only recorded to the extent that the reserve requirement exceeds the remaining fair value adjustment.

The Company accounts for acquired impaired loans under ASC Topic 310-30, Loans and Debt Securities Acquired with Deteriorated Credit Quality ("ASC 310-30"). An acquired loan is considered impaired when there is evidence of credit deterioration since origination and it is probable, at the date of acquisition, that we will be unable to collect all contractually required payments. ASC 310-30 prohibits the carryover of an allowance for loan losses for acquired impaired loans. Over the life of the acquired loans, we continually estimate the cash flows expected to be collected on individual loans or on pools of loans sharing common risk characteristics. As of the end of each fiscal quarter, we evaluate the present value of the acquired loans using the effective interest rates. For any increases in cash flows expected to be collected, we adjust the amount of accretable yield recognized on a prospective basis over the loan's or pool's remaining life, while we recognize a provision for loan losses in the consolidated statements of income (loss) if the cash flows expected to be collected have decreased.

Reclassifications

Certain reclassifications have been made to the 2021 financial statements to be consistent with the 2022 presentation, if applicable.

Concentrations of Credit Risk

The Company's loan portfolio consists of the various types of loans described in Note 5. Loans and Allowance for Loan Losses. Real estate or other assets secure most loans. The majority of loans have been made to individuals and businesses in the Company's market of southeast Louisiana. Customers are dependent on the condition of the local economy for their livelihoods and servicing their loan obligations. The Company does not have any significant concentrations in any one industry or individual customer.

Accounting Pronouncements Not Yet Adopted

FASB ASC Topic 326 "Financial Instruments – Credit Losses: Measurement of Credit Losses on Financial Instruments" Update No. 2016-13. The FASB issued ASU No. 2016-13 in June 2016. The ASU requires the measurement of all expected credit losses for financial assets held at the reporting date based on historical experience, current conditions, and reasonable and supportable forecasts and requires enhanced disclosures related to the significant estimates and judgments used in estimating credit losses, as well as the credit quality and underwriting standards of an organization's portfolio. In addition, ASU 2016-13 amends the accounting for credit losses on available-for-sale debt securities and purchased financial assets with credit deterioration. We are currently evaluating the potential impact of ASU 2016-13 on our financial statements. In that regard, we have formed a cross-functional working group, under the direction of our Chief Financial Officer and our Chief Risk Officer. The working group is comprised of individuals from various functional areas including credit, risk management, finance and information technology. We have developed an implementation plan to include assessment of processes, portfolio segmentation, model development and validation, system requirements and the identification of data and resource needs, among other things. We have also selected a third-party vendor solution to assist us in the application of ASU 2016-13.

The adoption of ASU 2016-13 is likely to result in an increase in the allowance for loan losses as a result of changing from an "incurred loss" model, which encompasses allowances for current known and inherent losses within the portfolio, to an "expected loss" model, which encompasses allowances for losses expected to be incurred over the life of the portfolio. Furthermore, ASU 2016-13 will necessitate that we establish an allowance for expected credit losses on debt securities. While we are currently unable to reasonably estimate the impact of adopting ASU 2016-13, we expect that the impact of adoption will be significantly influenced by the composition, characteristics and quality of our loan and securities portfolios, as well as the prevailing economic conditions and forecasts, as of the adoption date.

This amendment was originally effective for fiscal years beginning after December 15, 2019, including interim periods within those fiscal years. In July 2019, the FASB proposed changes that would delay the effective date for smaller reporting companies, as defined by the SEC, and other non-SEC reporting entities. In October 2019, the FASB voted in favor of finalizing its proposal to delay the effective date of this standard to fiscal years beginning after December 15, 2022, including interim periods within those fiscal years. ASU 2016-13 will be effective for the Company on January 1, 2023.

FASB ASC Topic 848 "Reference Rate Reform: Facilitation of the Effects of Reference Rate Reform on Financial Reporting" Update No. 2020-04. In March 2020, the FASB issued ASU 2020-04, which is intended to provide temporary optional expedients and exceptions to the GAAP guidance on contract modifications and hedge accounting to ease the financial reporting burdens related to the expected market transition from the London Interbank Offered Rate ("LIBOR") and other interbank offered rates to alternative reference rates. This guidance has been effective since March 12, 2020, and the Company may elect to apply the amendments prospectively through December 31, 2022. The Company is currently evaluating the provisions of the amendment and the impact on its future consolidated financial statements.

FASB ASC Topic 326 "Financial Instruments – Credit Losses, Troubled Debt Restructurings and Vintage Disclosures" Update No. 2022-02. The FASB issued ASU No. 2022-02 in March 2022. The ASU eliminates the accounting guidance for TDRs and, instead, requires that an entity evaluate whether the modification represents a new loan or a continuation of an existing loan. The amendment also requires that public business entities disclose current-period gross charge-offs by year of origination for financing receivables and net investments in leases. The guidance is effective for entities that have adopted ASU 2016-13 for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years. These amendments should be applied prospectively. ASU 2016-13 will be effective for the Company on January 1, 2023. The Company is currently evaluating the provisions of the amendment and the impact on its future consolidated financial statements.

NOTE 2. BUSINESS COMBINATIONS

Cheaha Financial Group, Inc.

On April 1, 2021, the Company completed the acquisition of Cheaha Financial Group, Inc. ("Cheaha") and its wholly-owned subsidiary, Cheaha Bank, in Oxford, Alabama for an aggregate cash consideration of approximately \$41.1 million. After fair value adjustments, the acquisition added \$240.8 million in total assets, including \$120.4 million in loans, and \$207.0 million in deposits. As consideration paid was in excess of the net fair value of acquired assets, the Company recorded \$11.9 million of goodwill. Goodwill resulted from a combination of synergies and cost savings, and further expansion into Alabama with the addition of four branch locations.

The table below shows the allocation of the consideration paid for Cheaha's common equity to the acquired identifiable assets and liabilities assumed and the goodwill generated from the transaction (dollars in thousands).

Purchase price:	
Cash paid	\$ 41,067
Fair value of assets acquired:	
Cash and cash equivalents	49,179
Investment securities	60,938
Loans	120,395
Bank premises and equipment	5,407
Core deposit intangible asset	848
Bank owned life insurance	3,023
Other assets	 1,012
Total assets acquired	240,802
Fair value of liabilities acquired:	
Deposits	206,986
Notes payable	2,327
Other liabilities	 2,366
Total liabilities assumed	211,679
Fair value of net assets acquired	29,123
Goodwill	\$ 11,944

The fair value of net assets acquired includes a fair value adjustment to loans as of the acquisition date. The adjustment for the acquired loan portfolio is based on current market interest rates at the time of acquisition, and the Company's initial evaluation of credit losses identified. The contractually required principal and interest payments of the loans acquired from Cheaha total \$134.8 million. Loans acquired from Cheaha that are considered to be purchased credit impaired loans had a balance of \$0.2 million at the time of acquisition. The contractually required principal and interest payments of these loans total \$0.2 million, of which \$0.1 million is not expected to be collected.

Acquisition Expense

There were no acquisition expenses recorded in the three and nine months ended September 30, 2022. Acquisition related costs of \$0.4 million and \$2.4 million are included in "Acquisition expense" in the accompanying consolidated statements of income (loss) for the three and nine months ended September 30, 2021 and are related to the acquisition of Cheaha.

NOTE 3. EARNINGS PER SHARE

The following is a summary of the information used in the computation of basic and diluted earnings (loss) per share for the three and nine months ended September 30, 2022 and 2021 (in thousands, except share data).

	Three months ended September 30,			Nine months ended September 30,				
	-	2022		2021		2022		2021
Earnings (loss) per common share - basic								
Net income (loss)	\$	7,304	\$	(9,984)	\$	26,811	\$	1,064
Less: income (loss) allocated to participating securities		(5)		23		(27)		(2)
Net income (loss) allocated to common shareholders		7,299		(9,961)		26,784		1,062
Weighted average basic shares outstanding		9,965,374		10,398,787		10,148,630		10,440,638
Basic earnings (loss) per common share	\$	0.74	\$	(0.95)	\$	2.64	\$	0.10
Earnings (loss) per common share - diluted								
Net income (loss) allocated to common shareholders	\$	7,299	\$	(9,961)	\$	26,784	\$	1,062
Weighted average basic shares outstanding		9,965,374		10,398,787		10,148,630		10,440,638
Dilutive effect of securities		120,875		_		80,540		88,226
Total weighted average diluted shares outstanding		10,086,249		10,398,787		10,229,170		10,528,864
Diluted earnings (loss) per common share	\$	0.73	\$	(0.95)	\$	2.62	\$	0.09

Due to the net loss for the three months ended September 30, 2021, the exercise or conversion of any outstanding stock options, restricted stock awards, and restricted stock units increases the number of shares in the denominator of the calculation of diluted earnings (loss) per share and results in a lower loss per share. The Company excludes the effect of these shares from the loss per share calculation as their effect is antidilutive. Therefore, diluted loss per share is the same as basic loss per share for the three months ended September 30, 2021.

The weighted average shares that have an antidilutive effect in the calculation of diluted earnings (loss) per common share and have been excluded from the computations above are shown below.

	Three months end 30,	ed September	Nine months ended September 30,		
	2022	2021	2022	2021	
Stock options	17,966	80,586	9,995	51	
Restricted stock awards	_	323	67	294	
Restricted stock units	1,884	44,336	26,717	29,066	

NOTE 4. INVESTMENT SECURITIES

The amortized cost and approximate fair value of investment securities classified as AFS are summarized below as of the dates presented (dollars in thousands).

	A	mortized Cost	τ	Gross Unrealized Gains	1	Gross Unrealized Losses	Fair Value
<u>September 30, 2022</u>							
Obligations of the U.S. Treasury and U.S. government agencies and corporations	\$	31,438	\$	163	\$	(724)	\$ 30,877
Obligations of state and political subdivisions		20,967		_		(3,017)	17,950
Corporate bonds		33,467		_		(3,363)	30,104
Residential mortgage-backed securities		304,410		8		(49,211)	255,207
Commercial mortgage-backed securities		86,960		226		(8,138)	79,048
Total	\$	477,242	\$	397	\$	(64,453)	\$ 413,186

	Δ	Amortized	Gross Unrealized		Gross Unrealized		Fair
	1	Cost		Gains		Losses	Value
<u>December 31, 2021</u>							
Obligations of the U.S. Treasury and U.S. government agencies and corporations	\$	21,143	\$	152	\$	(27)	\$ 21,268
Obligations of state and political subdivisions		32,330		468		(213)	32,585
Corporate bonds		27,777		235		(345)	27,667
Residential mortgage-backed securities		200,696		711		(1,503)	199,904
Commercial mortgage-backed securities		74,693		369		(977)	74,085
Total	\$	356,639	\$	1,935	\$	(3,065)	\$ 355,509

Proceeds from sales of investment securities classified as AFS and gross gains and losses are summarized below for the periods presented (dollars in thousands).

	Three	e months en 30		September	Ni	ne months en 30	September
	2	2022	2021			2022	2021
Proceeds from sales	\$	_	\$	_	\$	_	\$ 137,803
Gross gains	\$	_	\$		\$	_	\$ 2,323
Gross losses	\$		\$	_	\$	_	\$ (2)

The amortized cost and approximate fair value of investment securities classified as HTM are summarized below as of the dates presented (dollars in thousands).

				Gross Unrealized	1	Gross Unrealized		Fair
		Amortized Cost		Gains		Losses		Value
<u>September 30, 2022</u>	_							
Obligations of state and political subdivisions	\$	6,535	\$	3	\$	(121)	\$	6,417
Residential mortgage-backed securities		2,838		_		(304)		2,534
Total	\$	9,373	\$	3	\$	(425)	\$	8,951

	A	mortized Cost	ı	Gross Unrealized Gains	ı	Gross Unrealized Losses	Fair Value
December 31, 2021							
Obligations of state and political subdivisions	\$	6,910	\$	367	\$	_	\$ 7,277
Residential mortgage-backed securities		3,345		105			3,450
Total	\$	10,255	\$	472	\$		\$ 10,727

Securities are classified in the consolidated balance sheets according to management's intent. The Company had no securities classified as trading as of September 30, 2022 or December 31, 2021.

The approximate fair value of AFS securities and unrealized losses, aggregated by investment category and length of time that the individual securities have been in a continuous unrealized loss position, are summarized below as of the dates presented (dollars in thousands).

		Less than 12 Months				12 Month	More	Total					
				Unrealized				Unrealized				Unrealized	
	F	air Value		Losses		Fair Value		Losses		Fair Value		Losses	
<u>September 30, 2022</u>													
Obligations of the U.S. Treasury and U.S.													
government agencies and corporations	\$	15,983	\$	(714)	\$	1,122	\$	(10)	\$	17,105	\$	(724)	
Obligations of state and political													
subdivisions		15,469		(2,262)		2,480		(755)		17,949		(3,017)	
Corporate bonds		23,282		(1,736)		6,823		(1,627)		30,105		(3,363)	
Residential mortgage-backed securities		199,470		(34,755)		54,513		(14,456)		253,983		(49,211)	
Commercial mortgage-backed securities		37,304		(4,094)		24,988		(4,044)		62,292		(8,138)	
Total	\$	291,508	\$	(43,561)	\$	89,926	\$	(20,892)	\$	381,434	\$	(64,453)	

		Less than 12 Months				12 Month	More	Total				
				Unrealized				Unrealized				Unrealized
	Fa	air Value		Losses		Fair Value	Losses		Fair Value			Losses
<u>December 31, 2021</u>												
Obligations of the U.S. Treasury and U.S.												
government agencies and corporations	\$	1,438	\$	(25)	\$	668	\$	(2)	\$	2,106	\$	(27)
Obligations of state and political												
subdivisions		10,803		(213)		_		_		10,803		(213)
Corporate bonds		10,197		(254)		2,409		(91)		12,606		(345)
Residential mortgage-backed securities		156,862		(1,503)		_		_		156,862		(1,503)
Commercial mortgage-backed securities		44,055		(941)		6,284		(36)		50,339		(977)
Total	\$	223,355	\$	(2,936)	\$	9,361	\$	(129)	\$	232,716	\$	(3,065)

The approximate fair value of HTM securities, and unrealized losses, aggregated by investment category and length of time that the individual securities have been in a continuous unrealized loss position, are summarized below as of September 30, 2022 (dollars in thousands). There were no HTM securities in a continuous loss position as of December 31, 2021.

	Less than 12 Months					12 Month	More	Total				
	Fai	ir Value	Unrealized Losses			Fair Value		Unrealized Losses		Fair Value		Unrealized Losses
<u>September 30, 2022</u>									_			
Obligations of state and political												
subdivisions	\$	3,669	\$	(121)	\$	_	\$	_	\$	3,669	\$	(121)
Residential mortgage-backed securities		2,534		(304)		_		_		2,534		(304)
Total	\$	6,203	\$	(425)	\$	_	\$	_	\$	6,203	\$	(425)

Unrealized losses are generally due to changes in market interest rates. The Company has the intent to hold these securities either until maturity or a forecasted recovery, and it is more likely than not that the Company will not have to sell the securities before the recovery of their amortized cost basis. Due to the nature of the investments, current market prices, and the current interest rate environment, the Company does not consider these securities to be other-than-temporarily impaired at September 30, 2022 or December 31, 2021.

The amortized cost and approximate fair value of investment debt securities, by contractual maturity, are shown below as of the dates presented (dollars in thousands). Actual maturities may differ from contractual maturities due to mortgage-backed securities whereby borrowers may have the right to call or prepay obligations with or without call or prepayment penalties and certain callable bonds whereby the issuer has the option to call the bonds prior to contractual maturity.

	Se	curities Ava	ilable	e For Sale	Securities Hel	ld To Maturity		
	A	mortized Cost	Fair Value		Amortized Cost		Fair Value	
<u>September 30, 2022</u>								
Due within one year	\$	344	\$	342	\$ 870	\$	871	
Due after one year through five years		32,887		31,768	1,875		1,877	
Due after five years through ten years		53,872		50,087	3,790		3,669	
Due after ten years		390,139		330,989	2,838		2,534	
Total debt securities	\$	477,242	\$	413,186	\$ 9,373	\$	8,951	

	Se	ecurities Avai	ilable	e For Sale		Securities Hel	ld To Maturity		
	Amortized Cost			Fair Value	1	Amortized Cost		Fair Value	
<u>December 31, 2021</u>	Cost								
Due within one year	\$	726	\$	726	\$	870	\$	902	
Due after one year through five years		14,189		14,327		1,875		2,018	
Due after five years through ten years		51,988		52,376		4,165		4,356	
Due after ten years		289,736		288,080		3,345		3,451	
Total debt securities	\$ 356,639		\$	355,509	\$	10,255	\$	10,727	

At September 30, 2022, securities with a carrying value of \$133.3 million were pledged to secure certain deposits, borrowings, and other liabilities, compared to \$118.2 million in pledged securities at December 31, 2021.

NOTE 5. LOANS AND ALLOWANCE FOR LOAN LOSSES

The Company's loan portfolio, excluding loans held for sale, consists of the following categories of loans as of the dates presented (dollars in thousands).

	September 30		
	2022	D	ecember 31, 2021
Construction and development	\$ 220,6	509 \$	203,204
1-4 Family	391,8	57	364,307
Multifamily	57,3	06	59,570
Farmland	14,2	.02	20,128
Commercial real estate	910,1	91	896,377
Total mortgage loans on real estate	1,594,1	65	1,543,586
Commercial and industrial	397,7	59	310,831
Consumer	13,7	53	17,595
Total loans	\$ 2,005,0	77 \$	1,872,012

Unamortized premiums and discounts on loans, included in the total loans balances above, were \$0.9 million and \$1.9 million at September 30, 2022 and December 31, 2021, respectively, and unearned income, or deferred fees, on loans was \$1.2 million at September 30, 2022 and December 31, 2021, respectively and is also included in the total loans balance in the table above.

Total loans

INVESTAR HOLDING CORPORATION NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

The table below provides an analysis of the aging of loans, excluding loans held for sale, as of the dates presented (dollars in thousands).

4,022

	September 30, 2022														
			Accr	uing											
						90 I	Days or			Tot	al Past	Acq	uired		
			9 Days	60-89 Da		Mo	re Past			D	ue &	Imp	aired		
	Current	Pas	t Due	Past Du	e	Due		Nona	Nonaccrual		accrual	Lo	Loans		tal Loans
Construction and development	\$ 219,994	4 \$	109	\$ 1	65	\$	27	\$	314	\$	615	\$		\$	220,609
1-4 Family	388,98	7	807	4	58		358		937		2,560		310		391,857
Multifamily	57,29	1	15		—		_		_		15		_		57,306
Farmland	13,97	1	167		—		_		64		231				14,202
Commercial real estate	900,27	7	1,359	1	73		_		7,753		9,285		629		910,191
Total mortgage loans on real															
estate	1,580,520	00	2,457	7	96		385		9,068		12,706		939		1,594,165
Commercial and industrial	393,05	1	1,503	2	16		10		2,979		4,708		_		397,759
Consumer	13,472	2	62		16		_		145		223		58		13,753

1,028

395

12,192

17,637

\$ 2,005,677

December 31, 2021 Accruing 90 Days or **Total Past** Acquired 30-59 Days 60-89 Days **More Past** Due & **Impaired** Current Past Due **Past Due** Due Nonaccrual Loans Nonaccrual **Total Loans** Construction and development 202,850 55 \$ 288 354 203,204 11 1-4 Family 360,434 1,933 182 1,410 3,525 348 364,307 Multifamily 59,570 59,570 79 79 1,701 Farmland 18,348 20,128 881,575 170 86 13,910 14,166 896,377 Commercial real estate 636 Total mortgage loans on real 1,522,777 2,158 279 15,687 1,543,586 18,124 2,685 estate 57 53 Commercial and industrial 295,323 4,044 11,354 15,508 310,831 Consumer 17,238 89 18 186 293 64 17,595 \$ 1,835,338 6,291 354 53 27,227 33,925 2,749 1,872,012 Total loans

Nonaccrual and Past Due Loans

\$ 1,987,043

Loans are considered past due if the required principal and interest payments have not been received as of the date such payments were due. Loans are placed on nonaccrual status when, in management's opinion, the borrower may be unable to meet payment obligations as they become due, as well as when required by regulatory provisions. In determining whether or not a borrower may be unable to meet payment obligations for each class of loans, the borrower's debt service capacity is considered through the analysis of current financial information, if available, and/or current information with regard to the collateral position. Regulatory provisions would typically require the placement of a loan on nonaccrual status if (i) principal or interest has been in default for a period of 90 days or more unless the loan is both well secured and in the process of collection or (ii) full payment of principal and interest is not expected. Loans may be placed on nonaccrual status regardless of whether or not such loans are considered past due. When interest accrual is discontinued, all unpaid accrued interest is reversed. Interest income on nonaccrual loans is recognized only to the extent that cash payments are received in excess of principal due. A loan may be returned to accrual status when all the principal and interest amounts contractually due are brought current and payment of future principal and interest amounts contractually due are reasonably assured, which is typically evidenced by a sustained period (at least six months) of repayment performance by the borrower.

Loans Acquired with Deteriorated Credit Quality

The Company accounts for certain loans acquired as acquired impaired loans under ASC 310-30 due to evidence of credit deterioration at acquisition and the probability that the Company will be unable to collect all contractually required payments. The acquired impaired loans had no accretable yield recorded for the three and nine months ended September 30, 2022 and 2021.

Portfolio Segment Risk Factors

The following describes the risk characteristics relevant to each of the Company's loan portfolio segments.

Construction and Development - Construction and development loans are generally made for the purpose of acquisition and development of land to be improved through the construction of commercial and residential buildings. The successful repayment of these types of loans is generally dependent upon a commitment for permanent financing from the Company, or from the sale of the constructed property. These loans carry more risk than commercial or residential real estate loans due to the dynamics of construction projects, changes in interest rates, the long-term financing market, and state and local government regulations. One such risk is that loan funds are advanced upon the security of the property under construction, which is of uncertain value prior to the completion of construction. Thus, it is more difficult to evaluate accurately the total loan funds required to complete a project and to calculate related loan-to-value ratios. The Company attempts to minimize the risks associated with construction lending by limiting loan-to-value ratios as described above. In addition, as to speculative development loans, the Company generally makes such loans only to borrowers that have a positive pre-existing relationship with us. The Company manages risk by using specific underwriting policies and procedures for these types of loans and by avoiding excessive concentrations in any one business or industry.

1-4 Family - The 1-4 family portfolio mainly consists of residential mortgage loans to consumers to finance a primary residence. The majority of these loans are secured by properties located in the Company's market areas and carry risks associated with the creditworthiness of the borrower and changes in the value of the collateral and loan-to-value-ratios. The Company manages these risks through policies and procedures such as limiting loan-to-value ratios at origination, employing experienced underwriting personnel, requiring standards for appraisers, and not making subprime loans.

Multifamily - Multifamily loans are normally made to real estate investors to support permanent financing for multifamily residential income producing properties that rely on the successful operation of the property for repayment. This management mainly involves property maintenance and collection of rents due from tenants. This type of lending carries a lower level of risk, as compared to other commercial lending. In addition, underwriting requirements for multifamily properties are stricter than for other non-owner-occupied property types. The Company manages this risk by avoiding concentrations with any particular customer.

Farmland - Farmland loans are often for land improvements related to agricultural endeavors and may include construction of new specialized facilities. These loans are usually repaid through the conversion to permanent financing, or if scheduled loan amortization begins, for the long-term benefit of the borrower's ongoing operations. Underwriting generally involves intensive analysis of the financial strength of the borrower and guarantor, liquidation value of the subject collateral, the associated unguaranteed exposure, and any available secondary sources of repayment, with the greatest emphasis given to a borrower's capacity to meet cash flow coverage requirements as set forth by Bank policies.

Commercial Real Estate - Commercial real estate loans are extensions of credit secured by owner occupied and non-owner occupied collateral. Underwriting generally involves intensive analysis of the financial strength of the borrower and guarantor, liquidation value of the subject collateral, the associated unguaranteed exposure, and any available secondary sources of repayment, with the greatest emphasis given to a borrower's capacity to meet cash flow coverage requirements as set forth by Bank policies. Repayment is commonly derived from the successful ongoing operations of the property. General market conditions and economic activity may impact the performance of these types of loans, including fluctuations in the value of real estate, new job creation trends, and tenant vacancy rates. The Company attempts to limit risk by analyzing a borrower's cash flow and collateral value on an ongoing basis. The Company also typically requires personal guarantees from the principal owners of the property, supported by a review of their personal financial statements, as an additional means of mitigating our risk. The Company manages risk by avoiding concentrations in any one business or industry.

Commercial and Industrial - Commercial and industrial loans receive similar underwriting treatment as commercial real estate loans in that the repayment source is analyzed to determine its ability to meet cash flow coverage requirements as set forth by Bank policies. Repayment of these loans generally comes from the generation of cash flow as the result of the borrower's business operations. Commercial lending generally involves different risks from those associated with commercial real estate lending or construction lending. Although commercial loans may be collateralized by equipment or other business assets (including real estate, if available as collateral), the repayment of these types of loans depends primarily on the creditworthiness and projected cash flow of the borrower (and any guarantors). Thus, the general business conditions of the local economy and the borrower's ability to sell its products and services, thereby generating sufficient operating revenue to repay us under the agreed upon terms and conditions, are the chief considerations when assessing the risk of a commercial loan. The liquidation of collateral, if any, is considered a secondary source of repayment because equipment and other business assets may, among other things, be obsolete or of limited resale value. The Company actively monitors certain financial measures of the borrower, including advance rate, cash flow, collateral value and other appropriate credit factors.

In the second quarter of 2020, the Bank began participating as a lender in the Small Business Administration's ("SBA") and U.S. Department of Treasury's Paycheck Protection Program ("PPP") as established by the CARES Act and enhanced by the Paycheck Protection Program and Health Care Enhancement Act and the Paycheck Protection Program Flexibility Act of 2020 ("Flexibility Act"). The PPP was established to provide unsecured low interest rate loans to small businesses that have been impacted by the COVID-19 pandemic. The PPP loans are 100% guaranteed by the SBA. The loans have a fixed interest rate of 1% with deferred payments, and if originated before June 5, 2020, mature two years from origination, or if made on or after June 5, 2020, five years from origination. PPP loans are forgiven by the SBA (which makes forgiveness payments directly to the lender) to the extent the borrower uses the proceeds of the loan for certain purposes (primarily to fund payroll costs) during a certain time period following origination and maintains certain employee and compensation levels. Lenders receive processing fees from the SBA for originating the PPP loans which are based on a percentage of the loan amount. In July 2020, the CARES Act was amended to extend the SBA's authority to make commitments under the PPP, which had previously expired on June 30, 2020. The PPP resumed taking applications on July 6, 2020, and the new deadline to apply for a PPP loan ended on August 8, 2020. On December 27, 2020, the CAA, a \$900 billion aid package, was enacted that renewed the PPP and allocated additional funding for new first time PPP loans under the original PPP and also authorized second draw PPP loans for certain eligible borrowers that had previously received a PPP loan. The application period for the renewed PPP lasted from January 1, 2021 to May 31, 2021. At September 30, 2022 and December 31, 2021 the Company's loan portfolio included PPP loans with balances of \$1.9 million and \$23.3 million, respectively, all of which are included

Consumer - Consumer loans are offered by the Company in order to provide a full range of retail financial services to its customers and include auto loans, credit cards, and other consumer installment loans. Typically, the Company evaluates the borrower's repayment ability through a review of credit scores and an evaluation of debt to income ratios. Repayment of consumer loans depends upon key consumer economic measures and upon the borrower's financial stability, and is more likely to be adversely affected by divorce, job loss, illness and personal hardships than repayment of other loans. A shortfall in the value of any collateral also may pose a risk of loss to the Company for these types of loans.

Credit Quality Indicators

Loans are categorized into risk categories based on relevant information about the ability of borrowers to service their debt, such as current financial information, historical payment experience, credit documentation, public information, and current economic trends, among other factors. The following definitions are utilized for risk ratings, which are consistent with the definitions used in supervisory guidance:

Pass - Loans not meeting the criteria below are considered pass. These loans have high credit characteristics and financial strength. The borrowers at least generate profits and cash flow that are in line with peer and industry standards and have debt service coverage ratios above loan covenants and our policy guidelines. For some of these loans, a guaranty from a financially capable party mitigates characteristics of the borrower that might otherwise result in a lower grade.

Special Mention - Loans classified as special mention possess some credit deficiencies that need to be corrected to avoid a greater risk of default in the future. For example, financial ratios relating to the borrower may have deteriorated. Often, a special mention categorization is temporary while certain factors are analyzed or matters addressed before the loan is re-categorized as either pass or substandard.

Substandard - Loans classified as substandard are inadequately protected by the current net worth and paying capacity of the borrower or the liquidation value of any collateral. If deficiencies are not addressed, it is likely that this category of loan will result in the Bank incurring a loss. Where a borrower has been unable to adjust to industry or general economic conditions, the borrower's loan is often categorized as substandard.

Doubtful - Loans classified as doubtful have all the weaknesses inherent in those classified as substandard, with the added characteristic that the weaknesses make collection or liquidation in full, on the basis of currently existing facts, conditions, and values, highly questionable and improbable.

Loss - Loans classified as loss are considered uncollectible and of such little value that their continuance as recorded assets is not warranted. This classification does not mean that the assets have absolutely no recovery or salvage value, but rather it is not practical or desirable to defer writing off these assets.

The table below presents the Company's loan portfolio, excluding loans held for sale, by category and credit quality indicator as of the dates presented (dollars in thousands).

	September 30, 2022										
				Special							
		Pass		Mention	Sub	standard	De	oubtful		Total	
Construction and development	\$	217,521	\$	799	\$	2,289	\$		\$	220,609	
1-4 Family		389,513		_		2,344				391,857	
Multifamily		57,306		_		_		_		57,306	
Farmland		14,055		_		147				14,202	
Commercial real estate		893,946		6,185		10,060		_		910,191	
Total mortgage loans on real estate	'	1,572,341		6,984		14,840		_		1,594,165	
Commercial and industrial		387,041		5,518		4,963		237		397,759	
Consumer		13,571		_		182		_		13,753	
Total loans	\$	1,972,953	\$	12,502	\$	19,985	\$	237	\$	2,005,677	

	December 31, 2021												
				Special									
		Pass		Mention	Su	bstandard		Doubtful		Total			
Construction and development	\$	200,788	\$	818	\$	1,598	\$	_	\$	203,204			
1-4 Family		358,062		38		6,207		_		364,307			
Multifamily		59,113		_		457		_		59,570			
Farmland		18,348		_		1,780		_		20,128			
Commercial real estate		872,951		3,891		19,535		_		896,377			
Total mortgage loans on real estate		1,509,262		4,747		29,577		_		1,543,586			
Commercial and industrial		290,677		2,523		16,941		690		310,831			
Consumer		17,269		19		307				17,595			
Total loans	\$	1,817,208	\$	7,289	\$	46,825	\$	690	\$	1,872,012			

The Company had no loans that were classified as loss at September 30, 2022 or December 31, 2021.

Loan Participations and Sold Loans

Loan participations and whole loans sold to and serviced for others are not included in the accompanying consolidated balance sheets. The balance of the participations and whole loans sold were \$22.4 million and \$33.0 million at September 30, 2022 and December 31, 2021, respectively. The unpaid principal balance of these loans was approximately\$90.3 million and \$91.9 million at September 30, 2022 and December 31, 2021, respectively.

Loans to Related Parties

In the ordinary course of business, the Company makes loans to related parties including its executive officers, principal stockholders, directors and their immediate family members, as well as to companies in which these individuals are principal owners. Loans outstanding to such related party borrowers amounted to approximately \$97.5 million and \$97.6 million as of September 30, 2022 and December 31, 2021, respectively.

The table below shows the aggregate principal balance of loans to such related parties as of the dates presented (dollars in thousands).

	Sep	tember 30,		
		2022	Decem	ber 31, 2021
Balance, beginning of period	\$	97,606	\$	96,390
New loans/changes in relationship		12,483		26,475
Repayments/changes in relationship		(12,583)		(25,259)
Balance, end of period	\$	97,506	\$	97,606

Allowance for Loan Losses

The table below shows a summary of the activity in the allowance for loan losses for the three and nine months ended September 30, 2022 and 2021 (dollars in thousands).

	Thi	ree months er 30	September	Ni	ine months en 30	September
		2022	2021		2022	2021
Balance, beginning of period	\$	21,954	\$ 20,445	\$	20,859	\$ 20,363
Provision for loan losses		1,162	21,713		1,654	22,227
Loans charged off		(51)	(21,664)		(511)	(22,224)
Recoveries		99	73		1,162	201
Balance, end of period	\$	23,164	\$ 20,567	\$	23,164	\$ 20,567

The following tables outline the activity in the allowance for loan losses by collateral type for the three and nine months ended September 30, 2022 and 2021, and show both the allowance and portfolio balances for loans individually and collectively evaluated for impairment as of September 30, 2022 and 2021 (dollars in thousands).

						Three	mon	ths ended	Sept	ember 30,	2022				
	Con	struction &							Coı	mmercial	Co	mmercial &			
	Dev	elopment	1-4	Family	Mu	ltifamily	Fa	rmland	Re	al Estate	In	idustrial	Co	nsumer	Total
Allowance for loan losses:															
Beginning balance	\$	2,630	\$	3,623	\$	640	\$	313	\$	9,633	\$	4,776	\$	339	\$ 21,954
Provision		67		204		30		(257)		378		626		114	1,162
Charge-offs		_		_				_		(23)		9		(37)	(51)
Recoveries		6		5		_		67		2		5		14	99
Ending balance	\$	2,703	\$	3,832	\$	670	\$	123	\$	9,990	\$	5,416	\$	430	\$ 23,164

		Three months ended September 30, 2021													
	Const	ruction									Co	mmercial			
		&							Co	mmercial		&			
	Devel	opment	1-4	Family	Mu	ltifamily	Fa	ırmland	Re	al Estate	In	dustrial	Co	nsumer	Total
Allowance for loan losses:															
Beginning balance	\$	2,260	\$	3,231	\$	673	\$	398	\$	9,148	\$	4,306	\$	429	\$ 20,445
Provision		61		(36)		(8)		(4)		10,032		11,713		(45)	21,713
Charge-offs		_		(54)		_		_		(10,222)		(11,363)		(25)	(21,664)
Recoveries		6		5		_		_		2		47		13	73
Ending balance	\$	2,327	\$	3,146	\$	665	\$	394	\$	8,960	\$	4,703	\$	372	\$ 20,567

Nine	months	ended	Ser	otember	30.	. 2022

	Cor	struction							<i>c</i>		Commercial					
	ъ.	&		4 E 9	3.7	14*6*1		F 1 1		ommercial		&	•	(Tr. 4 . 1
	Dev	elopment	1-	4 Family	Mu	ıltifamily		Farmland	K	eal Estate	In	dustrial	C	onsumer	_	Total
Allowance for loan losses:																
Beginning balance	\$	2,347	\$	3,337	\$	673	\$		\$	9,354	\$	4,411	\$	354	\$	20,859
Provision		329		388		(3)		(273)		597		442		174		1,654
Charge-offs						_		(54)		35		(360)		(132)		(511)
Recoveries		27		107				67		4		923		34		1,162
Ending balance	\$	2,703	\$	3,832	\$	670	\$	123	\$	9,990	\$	5,416	\$	430	\$	23,164
Ending allowance balance for																
loans individually evaluated																
for impairment		_		_		_		_		_		118		71		189
Ending allowance balance for																
loans acquired with																
deteriorated credit quality		_		_		_		_		_		_		_		_
Ending allowance balance for																
loans collectively evaluated																
for impairment		2,703		3,832		670		123		9,990		5,298		359		22,975
Loans receivable:																
Balance of loans individually																
evaluated for impairment		538		1,213		_		64		8,170		4,621		144		14,750
Balance of loans acquired with																
deteriorated credit quality		_		310		_		_		629		_		58		997
Balance of loans collectively																
evaluated for impairment		220,071		390,334		57,306		14,138		901,392		393,138		13,551		1,989,930
Total period-end balance	\$	220,609	\$	391,857	\$	57,306	\$	14,202	\$	910,191	\$	397,759	\$	13,753	\$	2,005,677

Nine months ended September 30, 2021

	Cor	struction &							C	mmercial	Co	mmercial &				
	Des	« elopment	1-	4 Family	Mı	ıltifamily	1	Farmland		ommerciai eal Estate	Ir	& dustrial	C	onsumer		Total
Allowance for loan losses:		Сторитель	_	<u> </u>			_									1000
Beginning balance	\$	2,375	\$	3,370	\$	589	\$	435	\$	8,496	\$	4,558	\$	540	\$	20,363
Provision		(56)		(61)		76		(28)		10,681		11,745		(130)		22,227
Charge-offs		(11)		(188)		_		(13)		(10,222)		(11,666)		(124)		(22,224)
Recoveries		19		25						5		66		86		201
Ending balance	\$	2,327	\$	3,146	\$	665	\$	394	\$	8,960	\$	4,703	\$	372	\$	20,567
Ending allowance balance for																
loans individually evaluated																
for impairment		_		_		_		_		175		468		96		739
Ending allowance balance for																
loans acquired with																
deteriorated credit quality		_		_		_		210		_		_		_		210
Ending allowance balance for																
loans collectively evaluated																
for impairment		2,327		3,146		665		184		8,785		4,235		276		19,618
Loans receivable:																
Balance of loans individually																
evaluated for impairment		821		2,533		_		79		18,499		14,076		219		36,227
Balance of loans acquired with																
deteriorated credit quality				360				1,701		636				66		2,763
Balance of loans collectively																
evaluated for impairment		214,426		359,356		58,972	_	19,596	_	849,338		320,932		19,048	_	1,841,668
Total period-end balance	\$	215,247	\$	362,249	\$	58,972	\$	21,376	\$	868,473	\$	335,008	\$	19,333	\$	1,880,658

Impaired Loans

The Company considers a loan to be impaired when, based on current information and events, the Company determines that it is probable that it will not be able to collect all amounts due according to the loan agreement, including scheduled interest payments. Determination of impairment is treated the same across all classes of loans. When the Company identifies a loan as impaired, it measures the impairment based on the present value of expected future cash flows, discounted at the loan's effective interest rate, except when the sole (remaining) source of repayment for the loans is the operation or liquidation of the collateral. In these cases when foreclosure is probable, the Company uses the current fair value of the collateral, less selling costs, instead of discounted cash flows. If the Company determines that the value of the impaired loan is less than the recorded investment in the loan (net of previous charge-offs, deferred loan fees or costs, and unamortized premium or discount), the Company recognizes impairment through an allowance estimate or a charge-off to the allowance.

When the ultimate collectability of the total principal of an impaired loan is in doubt and the loan is on nonaccrual, all payments are applied to principal, under the cost recovery method. When the ultimate collectability of the total principal of an impaired loan is not in doubt and the loan is on nonaccrual, contractual interest is credited to interest income when received, under the cash basis method.

The following tables contain information on the Company's impaired loans, which include TDRs, discussed in more detail below, and nonaccrual loans individually evaluated for impairment for purposes of determining the allowance for loan losses (dollars in thousands).

	Recorded	September 30, 2 Unpaid Princi	pal
XX''.1	Investment	Balance	Related Allowance
With no related allowance recorded:	Φ	20 d	ο2ο Φ
Construction and development	•	38 \$	820 \$ —
1-4 Family	1,2		,291 —
Farmland		64	71 —
Commercial real estate	8,1		,402 —
Total mortgage loans on real estate	9,9		,584
Commercial and industrial	4,3		,873 —
Consumer		33	45
Total	14,4	02 28	,502 —
With related allowance recorded:			
Commercial and industrial	2	37	279 118
Consumer	1	11	140 71
Total	3	48	419 189
Total loans:			
Construction and development	5	38	820 —
1-4 Family	1,2	13 1.	,291 —
Farmland		64	71 —
Commercial real estate	8,1	70 21.	,402 —
Total mortgage loans on real estate	9,9		,584 —
Commercial and industrial	4,6		,152 118
Consumer		44	185 71
Total	\$ 14,7	50 \$ 28	,921 \$ 189
	20		

		December 31, 2021	
	Recorded	Unpaid Principal	_
	Investment	Balance	Related Allowance
With no related allowance recorded:			
Construction and development	\$ 529	\$ 812	\$ —
1-4 Family	1,995	2,081	_
Farmland	79	81	_
Commercial real estate	16,685	27,139	
Total mortgage loans on real estate	19,288	30,113	_
Commercial and industrial	9,395	10,941	_
Consumer	55	69	_
Total	28,738	41,123	
With related allowance recorded:			
Commercial and industrial	3,926	9,618	468
Consumer	127	164	96
Total	4,053	9,782	564
Total loans:			
Construction and development	529	812	<u></u>
1-4 Family	1,995	2,081	_
Farmland	79	81	_
Commercial real estate	16,685	27,139	
Total mortgage loans on real estate	19,288	30,113	_
Commercial and industrial	13,321	20,559	468
Consumer	182	233	96
Total	\$ 32,791	\$ 50,905	\$ 564
Total	27	= 20,703	Ψ 301

Presented in the tables below are the average recorded investments of the impaired loans and the related amount of interest income recognized during the time within the period that the loans were impaired. The average recorded investment is calculated based on the month-end balances of the loans during the periods reported (dollars in thousands).

	Three months ended September 30,								
		20	22		20	21	1		
	Reco	rage rded tment	Intere Incom Recogni	ie	Average Recorded Investment	Inc	erest come gnized		
With no related allowance recorded:					_				
Construction and development	\$	525	\$	4	\$ 823	\$	4		
1-4 Family		1,001		3	2,317		8		
Farmland		64		_	151		_		
Commercial real estate		10,315		6	10,093		49		
Total mortgage loans on real estate		11,905		13	13,384		61		
Commercial and industrial		4,550		22	10,018		37		
Consumer		41			82				
Total		16,496		35	23,484		98		
With related allowance recorded:									
Commercial real estate		_		_	1,244		_		
Total mortgage loans on real estate		_		_	1,244		_		
Commercial and industrial		329		_	1,317		24		
Consumer		100		_	141		24 —		
Total		429		_	2,702		24		
Total loans:									
Construction and development		525		4	823		4		
1-4 Family		1,001		3	2,317		8		
Farmland		64		_	151		_		
Commercial real estate		10,315		6	11,337		49		
Total mortgage loans on real estate	-	11,905	_	13	14,628		61		
Commercial and industrial	-	4,879	-	22	11,335		61		
Consumer		141			223		_		
Total	\$	16,925	\$	35	\$ 26,186	\$	122		
28									

	Nine months ended September 30,										
	2022						2021				
	Average Recorded Investment			iterest icome ognized	Average Recorded Investment		Interest Income Recognized				
With no related allowance recorded:											
Construction and development	\$	512	\$	11	\$	796	\$	13			
1-4 Family		939		13		1,847		24			
Farmland		70		_		232					
Commercial real estate		11,821		18		7,191		142			
Total mortgage loans on real estate		13,342	. <u> </u>	42		10,066		179			
Commercial and industrial		8,134		72		8,979		117			
Consumer		56				107					
Total		21,532	· . 	114		19,152		296			
With related allowance recorded:											
Commercial real estate		_		_		1,285		_			
Total mortgage loans on real estate		_		_		1,285		_			
Commercial and industrial		417		_		439		24			
Consumer		102		_		153		_			
Total		519				1,877		24			
Total loans:											
Construction and development		512		11		796		13			
1-4 Family		939		13		1,847		24			
Farmland		70		_		232		_			
Commercial real estate		11,821		18		8,476		142			
Total mortgage loans on real estate		13,342		42		11,351		179			
Commercial and industrial		8,551		72		9,418		141			
Consumer		158		_		260		_			
Total	\$	22,051	\$	114	\$	21,029	\$	320			
29											

Troubled Debt Restructurings

In situations where, for economic or legal reasons related to a borrower's financial difficulties, the Company grants a concession for other than an insignificant period of time to the borrower that the Company would not otherwise consider, the related loan is classified as a TDR. The Company strives to identify borrowers in financial difficulty early and work with them to modify their loans to more affordable terms before such loans reach nonaccrual status. These modified terms may include rate reductions, principal forgiveness, payment forbearance and other actions intended to minimize the economic loss and to avoid foreclosure or repossession of the collateral. In cases in which the Company grants the borrower new terms that provide for a reduction of either interest or principal, or otherwise include a concession, the Company identifies the loan as a TDR and measures any impairment on the restructuring as previously noted for impaired loans.

Loans classified as TDRs consisted of 21 credits totaling approximately \$4.9 million at September 30, 2022, compared to 29 credits totaling approximately \$10.5 million at December 31, 2021. At September 30, 2022, 12 of the restructured loans were considered TDRs due to modification of terms through adjustments to maturity, four of the restructured loans were considered TDRs due to a reduction in the interest rate to a rate lower than the current market rate, three restructured loans were considered TDRs due to principal payment forbearance paying interest only for a specified period of time, and two of the restructured loans were considered TDRs due to principal and interest payment forbearance.

As of September 30, 2022 and December 31, 2021, none of the TDRs were in default of their modified terms and included in nonaccrual loans. The Company individually evaluates each TDR for allowance purposes, primarily based on collateral value, and excludes these loans from the loan population that is collectively evaluated for impairment.

No TDRs defaulted on their modified terms during the nine months ended September 30, 2022. There was one loan modified under TDR during the previous twelve month period that subsequently defaulted during the nine months ended September 30, 2021.

At September 30, 2022 and December 31, 2021, there were no available balances on loans classified as TDRs that the Company was committed to lend.

NOTE 6. STOCKHOLDERS' EQUITY

Accumulated Other Comprehensive (Loss) Income

Activity within the balances in accumulated other comprehensive (loss) income is shown in the tables below (dollars in thousands).

	Three months ended September 30,											
	2022					2021						
	Beginning of				End of		Beginning of				End of	
		Period	Ne	t Change		Period	Period		Net Change		Period	
Unrealized (loss) gain, available for sale, net	\$	(26,998)	\$	(17,829)	\$	(44,827)	\$	7,080	\$ (1,246) \$	5,834	
Reclassification of realized gain, available for sale, net		(5,777)		_		(5,777)		(5,773)	_		(5,773)	
Unrealized gain (loss), transfer from available for sale to held to												
maturity, net		1		_		1		3	(1)	2	
Change in fair value of interest rate swaps designated as cash flow												
hedges, net		7,830		_		7,830		2,278	508		2,786	
Reclassification of realized gain, interest rate swap termination, net		(7,830)		<u> </u>		(7,830)			(1,450)	(1,450)	
Accumulated other comprehensive (loss) income	\$	(32,774)	\$	(17,829)	\$	(50,603)	\$	3,588	\$ (2,189) \$	1,399	
1 /					_							
	Nine months ended September 30,											
		2022										
	Bes	Beginning of				End of	Beginning of				End of	
	`	Period	Net Change		Period		Period		Net Change		Period	
Unrealized gain (loss), available for sale, net	\$	4,882	\$	(49,709)	\$	(44,827)	\$	7,493	\$ (1,659) \$	5,834	
Reclassification of realized gain, available for sale, net		(5,772)		(5)		(5,777)		(3,939)	(1,834)	(5,773)	
Unrealized gain (loss), transfer from available for sale to held to												
maturity, net		2		(1)		1		3	(1)	2	
Change in fair value of interest rate swaps designated as cash flow												
hedges, net		3,501		4,329		7,830		(1,752)	4,538		2,786	
Reclassification of realized gain, interest rate swap termination, net		(1,450)		(6,380)		(7,830)		_	(1,450)	(1,450)	
Accumulated other comprehensive income (loss)	\$	1,163	\$	(51,766)	\$	(50,603)	\$	1,805	\$ (406) \$	1,399	
						())	Ψ					
1 ()	=		÷	(= ,: = =)	=	(==,==)	=	,		<u> </u>		

NOTE 7. DERIVATIVE FINANCIAL INSTRUMENTS

As part of its liability management, the Company has utilized pay-fixed interest rate swaps to manage exposure against the variability in the expected future cash flows (future interest payments) attributable to changes in the 1-month LIBOR associated with the forecasted issuances of 1-month fixed rate debt arising from a rollover strategy. At September 30, 2022 the Company had no current or forward starting interest rate swap agreements. At December 31, 2021 the Company had no current interest rate swap agreements, and forward starting interest rate swap agreements with a total notional amount of \$115.0 million, all of which were designated as cash flow hedges. The interest rate swaps were determined to be fully effective during the periods presented, and therefore no amount of ineffectiveness has been included in net income. The derivative contracts were between the Company and two counterparties. To mitigate credit risk, securities were pledged to the Company by the counterparties in an amount greater than or equal to the gain position of the derivative contracts, if applicable.

During the nine months ended September 30, 2022, the Company voluntarily terminated our remaining interest rate swap agreements with a total notional amount of \$115.0 million in response to market conditions. During the third quarter of 2021, the Company voluntarily terminated interest rate swap agreements with a total notional amount of \$150.0 million in response to market conditions and as a result of excess liquidity. For the nine months ended September 30, 2022, and both the three and nine months ended September 30, 2021, unrealized gains of \$6.4 million and \$1.4 million, respectively, net of tax expenses of \$1.7 million and \$0.4 million, respectively, were reclassified from "Accumulated other comprehensive (loss) income" and recorded as "Swap termination fee income" in noninterest income in the accompanying consolidated statements of income (loss).

For the nine months ended September 30, 2022, a gain of \$4.3 million, net of tax expense of \$1.2 million, has been recognized in "Other comprehensive (loss) income" in the accompanying consolidated statements of comprehensive (loss) income for the change in fair value of the interest rate swaps compared to gains of \$0.5 million and \$4.5 million, net of tax expenses of \$0.1 million and \$1.2 million, recognized for the three and nine months ended September 30, 2021, respectively.

There were no assets or liabilities recorded in the accompanying consolidated balance sheet at September 30, 2022 associated with the swap contracts. The fair value of the swap contracts consisted of gross assets of \$2.6 million and gross liabilities of \$29,000, netting to a fair value of \$2.6 million recorded in "Other assets" in the accompanying consolidated balance sheet at December 31, 2021.

Customer Derivatives – Interest Rate Swaps

The Company enters into interest rate swaps that allow commercial loan customers to effectively convert a variable-rate commercial loan agreement to a fixed-rate commercial loan agreement. Under these agreements, the Company enters into a variable-rate loan agreement with a customer in addition to an interest rate swap agreement, which serves to effectively swap the customer's variable-rate loan into a fixed-rate loan. The Company then enters into a corresponding swap agreement with a third party in order to economically hedge its exposure through the customer agreement. The interest rate swaps with both the customers and third parties are not designated as hedges under FASB ASC Topic 815, *Derivatives and Hedging*, and are marked to market through earnings. As the interest rate swaps are structured to offset each other, changes to the underlying benchmark interest rates considered in the valuation of these instruments do not result in an impact to earnings; however, there may be fair value adjustments related to credit quality variations between counterparties, which may impact earnings as required by FASB ASC Topic 820, *Fair Value Measurement and Disclosure* ("ASC 820"). The Company did not recognize any gains or losses in other operating income resulting from fair value adjustments of these swap agreements during the three and nine months ended September 30, 2022 and 2021.

NOTE 8. FAIR VALUES OF FINANCIAL INSTRUMENTS

In accordance with ASC 820, disclosure of fair value information about financial instruments, whether or not recognized in the balance sheet, is required. The fair value of a financial instrument is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date under current market conditions. Fair value is best determined based upon quoted market prices or exit prices. In cases where quoted market prices are not available, fair values are based on estimates using present value or other valuation techniques. Those techniques are significantly affected by the assumptions used, including the discount rate and estimates of future cash flows, and the fair value estimates may not be realized in an immediate settlement of the instruments. Accordingly, the aggregate fair value amounts presented do not represent the underlying value of the Company.

If there has been a significant decrease in the volume and level of activity for the asset or liability, a change in valuation technique or the use of multiple valuation techniques may be appropriate. In such instances, determining the price at which willing market participants would transact at the measurement date under current market conditions depends on the facts and circumstances and requires use of significant judgment. The fair value is a reasonable point within the range that is most representative of fair value under current market conditions.

The Company also holds Small Business Investment Company qualified funds and other investment funds that do not have a readily determinable fair value. In accordance with ASC 820, these investments are measured at fair value using the net asset value practical expedient and are not required to be classified in the fair value hierarchy. At September 30, 2022 and December 31, 2021, the fair values of these investments were \$2.8 million and \$1.8 million, respectively, and are included in "Other assets" in the accompanying consolidated balance sheets.

Fair Value Hierarchy

In accordance with ASC 820, the Company groups its financial assets and financial liabilities measured at fair value in three levels, based on the markets in which the assets and liabilities are traded, and the reliability of the assumptions used to determine fair value.

- Level 1 Valuation is based upon quoted prices for identical assets or liabilities traded in active markets.
- Level 2 Valuation is based upon observable inputs other than quoted prices included in level 1, such as quoted prices for similar assets and liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active, or other inputs that are observable or can be corroborated by observable market data.
- Level 3 Valuation is based upon unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities. This includes certain pricing models, discounted cash flow methodologies, and similar techniques that use significant unobservable inputs.
- A financial instrument's categorization within the valuation hierarchy is based upon the lowest level of input that is significant to the fair value measurement.
- The following methods and assumptions were used by the Company in estimating fair value disclosures for financial instruments:
- Cash and Due from Banks For these short-term instruments, fair value is the carrying value. Cash and due from banks is classified in level 1 of the fair value hierarchy.
- Federal Funds Sold The fair value is the carrying value. The Company classifies these assets in level 1 of the fair value hierarchy.
- Investment Securities and Equity Securities Where quoted prices are available in an active market, the Company classifies the securities within level 1 of the valuation hierarchy. Securities are defined as both long and short positions. Level 1 securities include exchange-traded equity securities.

If quoted market prices are not available, the Company estimates fair values using pricing models and discounted cash flows that consider standard input factors such as observable market data, benchmark yields, interest rate volatilities, broker/dealer quotes, and credit spreads. Examples of such instruments, which would generally be classified within level 2 of the valuation hierarchy if observable inputs are available, include obligations of the U.S. Treasury and U.S. government agencies and corporations, obligations of state and political subdivisions, corporate bonds, residential mortgage-backed securities, commercial mortgage-backed securities, and other equity securities. In certain cases where there is limited activity or less transparency around inputs to the valuation, the Company classifies those securities in level 3.

Based on market reference data, which may include reported trades; bids, offers or broker/dealer quotes; benchmark yields and spreads; as well as other reference data, management monitors the current placement of securities in the fair value hierarchy to determine whether transfers between levels may be warranted. At September 30, 2022 and December 31, 2021, the majority of our level 3 investments were obligations of state and political subdivisions. The Company estimated the fair value of these level 3 investments using discounted cash flow models, the key inputs of which are the coupon rate, current spreads to the yield curves, and expected repayment dates, adjusted for illiquidity of the local municipal market and sinking funds, if applicable. Option-adjusted models may be used for structured or callable notes, as appropriate.

Loans – The fair value of portfolio loans, net is determined using an exit price methodology. The exit price methodology continues to be based on a discounted cash flow analysis, in which projected cash flows are based on contractual cash flows adjusted for prepayments for certain loan types (e.g. residential mortgage loans and multifamily loans) and the use of a discount rate based on expected relative risk of the cash flows. The discount rate selected considers loan type, maturity date, a liquidity premium, cost to service, and cost of capital, which is a level 3 fair value estimate.

Loans held for sale are measured using quoted market prices when available. If quoted market prices are not available, comparable market values or discounted cash flow analyses may be utilized. The Company classifies these assets in level 3 of the fair value hierarchy.

Deposit Liabilities – The fair values disclosed for noninterest-bearing demand deposits are, by definition, equal to the amount payable on demand at the reporting date (that is, their carrying amounts). These noninterest-bearing deposits are classified in level 2 of the fair value hierarchy. All interest-bearing deposits are classified in level 3 of the fair value hierarchy. The carrying amounts of variable-rate (for example interest-bearing checking, savings, and money market accounts), fixed-term money market accounts, and certificates of deposit approximate their fair values at the reporting date. Fair values for fixed-rate certificates of deposit are estimated using a discounted cash flow calculation that applies market interest rates on comparable instruments to a schedule of aggregated expected monthly maturities on time deposits.

Short-Term Borrowings – The carrying amounts of federal funds purchased, borrowings under repurchase agreements, and other short-term borrowings approximate their fair values. The Company classifies these borrowings in level 2 of the fair value hierarchy.

Long-Term Borrowings, including Junior Subordinated Debt Securities – The fair values of long-term borrowings are estimated using discounted cash flow analyses based on the Company's current incremental borrowing rates for similar types of borrowing arrangements. The fair value of the Company's long-term debt is therefore classified in level 3 in the fair value hierarchy.

Subordinated Debt Securities – The fair value of subordinated debt is estimated based on current market rates on similar debt in the market. The Company classifies this debt in level 2 of the fair value hierarchy.

Derivative Financial Instruments – The fair value for interest rate swap agreements is based upon the amounts required to settle the contracts. These derivative instruments are classified in level 2 of the fair value hierarchy.

Fair Value of Assets and Liabilities Measured on a Recurring Basis

Assets and liabilities measured at fair value on a recurring basis are summarized in the table below as of the dates indicated (dollars in thousands).

			M	oted Prices in Active arkets for	Significant Other Observable		ignificant nobservable
	Б.	4:43	1	dentical	T		T
		timated ir Value	(Assets Level 1)	Inputs (Level 2)		Inputs (Level 3)
<u>September 30, 2022</u>		ii vaiuc		Level 1)	 (Level 2)	_	(Level 5)
Assets:							
Obligations of the U.S. Treasury and U.S. government agencies and							
corporations	\$	30,877	\$	_	\$ 30,877	\$	_
Obligations of state and political subdivisions		17,950		_	11,979		5,971
Corporate bonds		30,104		_	29,627		477
Residential mortgage-backed securities		255,207		_	255,207		_
Commercial mortgage-backed securities		79,048		_	79,048		_
Equity securities		2,132		2,132	_		
Total assets	\$	415,318	\$	2,132	\$ 406,738	\$	6,448
<u>December 31, 2021</u>							
Assets:							
Obligations of the U.S. Treasury and U.S. government agencies and							
corporations	\$,	\$	_	\$ 21,268	\$	_
Obligations of state and political subdivisions		32,585		_	10,471		22,114
Corporate bonds		27,667		_	27,179		488
Residential mortgage-backed securities		199,904		_	199,904		_
Commercial mortgage-backed securities		74,085		_	74,085		_
Equity securities		1,810		1,810	_		
Derivative financial instruments		2,599			2,599		_
Total assets	\$	359,918	\$	1,810	\$ 335,506	\$	22,602

The Company reviews fair value hierarchy classifications on a quarterly basis. Changes in the Company's ability to observe inputs to the valuation may cause reclassification of certain assets or liabilities within the fair value hierarchy. The tables below provide a reconciliation for assets measured at fair value on a recurring basis using significant unobservable inputs, or level 3 inputs, for the nine months ended September 30, 2022 and 2021 (dollars in thousands).

	Obligations of State and Political	
	Subdivisions	Corporate Bonds
Balance at December 31, 2021	\$ 22,114	\$ 488
Realized gains (losses) included in earnings	_	_
Unrealized losses included in other comprehensive (loss) income	(1,468)	(11)
Purchases	_	_
Sales	_	_
Maturities, prepayments, and calls	(4,840)	_
Transfers into level 3	_	_
Transfers out of level 3	(9,835)	<u> </u>
Balance at September 30, 2022	\$ 5,971	\$ 477

		bligations of State and Political		
	\mathbf{S}	bubdivisions	Corporat	e Bonds
Balance at December 31, 2020	\$	18,516	\$	_
Realized gains (losses) included in earnings		_		_
Unrealized losses included in other comprehensive income (loss)		(1,110)		_
Purchases		_		_
Sales		_		_
Maturities, prepayments, and calls		_		_
Transfers into level 3		_		492
Transfers out of level 3				
Balance at September 30, 2021	\$	17,406	\$	492

There were no liabilities measured at fair value on a recurring basis using level 3 inputs at September 30, 2022 and December 31, 2021. For the nine months ended September 30, 2022 and 2021, there were no gains or losses included in earnings related to the change in fair value of the assets measured on a recurring basis using significant unobservable inputs held at the end of the period.

The following table provides quantitative information about significant unobservable inputs used in fair value measurements of level 3 assets measured at fair value on a recurring basis at September 30, 2022 and December 31, 2021 (dollars in thousands).

	Est	imated			
	Fai	r Value	Valuation Technique	Unobservable Inputs	Range of Discounts
<u>September 30, 2022</u>	<u></u>				
Obligations of state and political			Option-adjusted discounted cash flow model; present		
subdivisions	\$	5,971	value of expected future cash flow model	Bond appraisal adjustment(1)	0% - 14%
			Option-adjusted discounted cash flow model; present		
Corporate bonds		477	value of expected future cash flow model	Bond appraisal adjustment(1)	5%
<u>December 31, 2021</u>					
Obligations of state and political			Option-adjusted discounted cash flow model; present		
subdivisions	\$	22,114	value of expected future cash flow model	Bond appraisal adjustment(1)	0% - 2%
			Option-adjusted discounted cash flow model; present		
Corporate bonds		488	value of expected future cash flow model	Bond appraisal adjustment(1)	2%

⁽¹⁾ Fair values determined through valuation analysis using coupon, yield (discount margin), liquidity and expected repayment dates.

Fair Value of Assets and Liabilities Measured on a Nonrecurring Basis

Certain financial assets and financial liabilities are measured at fair value on a nonrecurring basis; that is, the instruments are not measured at fair value on an ongoing basis but are subject to fair value adjustments in certain circumstances (for example, when there is evidence of impairment). Quantitative information about assets measured at fair value on a nonrecurring basis based on significant unobservable inputs (level 3) is summarized below as of September 30, 2022 and December 31, 2021. There were no liabilities measured on a nonrecurring basis at September 30, 2022 or December 31, 2021 (dollars in thousands).

September 30, 2022	Estim Fair V		Valuation Technique	Unobservable Inputs	Range of Discounts	Weighted Average Discount
Impaired loans	\$	5,394	Discounted cash flows; underlying collateral value	Collateral discounts and estimated costs to sell	12% - 100%	31%
<u>December 31, 2021</u>			Discounted each flavor underlying	Colletaral discounts and		
Impaired loans	\$	12,703	Discounted cash flows; underlying collateral value	Collateral discounts and estimated costs to sell	10% - 100%	60%
			36			

The estimated fair values of the Company's financial instruments are summarized in the table below as of the dates indicated (dollars in thousands).

		5	Sept	ember 30, 202	2		
	Carrying Amount	Estimated Fair Value		Level 1		Level 2	Level 3
Financial assets:							
Cash and due from banks	\$ 36,013	\$ 36,013	\$	36,013	\$	_	\$ _
Investment securities	422,559	422,137		_		409,272	12,865
Equity securities	26,629	26,629		2,132		24,497	_
Loans, net of allowance	1,982,513	1,942,498		_		_	1,942,498
Financial liabilities:							
Deposits, noninterest-bearing	\$ 590,610	\$ 590,610	\$	_	\$	590,610	\$ _
Deposits, interest-bearing	1,462,073	1,273,318		_		_	1,273,318
FHLB short-term advances and federal funds purchased	279,768	279,768		_		279,768	_
FHLB long-term advances	53,500	52,162		_		_	52,162
Junior subordinated debt	8,484	8,484		_		_	8,484
Subordinated debt	45,000	41,428		_		41,428	_

]	Dece	mber 31, 2021		
	Carrying		Estimated				
	Amount	1	Fair Value		Level 1	 Level 2	 Level 3
<u>Financial assets:</u>							
Cash and due from banks	\$ 96,541	\$	96,541	\$	96,541	\$ _	\$ _
Federal funds sold	500		500		500	_	_
Investment securities	365,764		366,236		_	336,357	29,879
Equity securities	16,803		16,803		1,810	14,993	_
Loans, net of allowance	1,851,153		1,866,657		_	_	1,866,657
Loans held for sale	620		625		_	_	625
Derivative financial instruments	2,599		2,599		_	2,599	_
Financial liabilities:							
Deposits, noninterest-bearing	\$ 585,465	\$	585,465	\$	_	\$ 585,465	\$ _
Deposits, interest-bearing	1,534,801		1,538,052		_	_	1,538,052
Repurchase agreements	5,783		5,783		_	5,783	_
FHLB long-term advances	78,500		77,229		_	_	77,229
Junior subordinated debt	8,384		8,384		_	_	8,384
Subordinated debt	43,600		38,545		_	38,545	_
	37						

NOTE 9. INCOME TAXES

The income tax expense (benefit) and the effective tax rate included in the consolidated statements of income (loss) are shown in the table below for the periods presented (dollars in thousands).

	Thre	e months er 30	September	N	ine months en	September
		2022	2021		2022	2021
Income tax expense (benefit)	\$	1,699	\$ (2,648)	\$	6,758	\$ 267
Effective tax rate		18.9%	21.0%		20.1%	20.1%

For the three and nine month periods ended September 30, 2022, the effective tax rate differs from the statutory tax rate of 21% primarily due to tax exempt interest income earned on certain loans, investment securities, and bank owned life insurance. For the nine month period ended September 30, 2021, the effective tax rate differs from the statutory tax rate of 21% primarily due to tax exempt interest income earned on certain investment securities and bank owned life insurance.

NOTE 10. COMMITMENTS AND CONTINGENCIES

Unfunded Commitments

The Company is a party to financial instruments with off-balance-sheet risk entered into in the normal course of business to meet the financing needs of its customers. These financial instruments include commitments to extend credit consisting of loan commitments and standby letters of credit, which are not included in the accompanying financial statements. Such financial instruments are recorded in the financial statements when they become payable. The credit risk associated with these commitments is evaluated in a manner similar to the allowance for loan losses. The reserve for unfunded loan commitments was \$0.3 million and \$0.7 million at September 30, 2022 and December 31, 2021, respectively, and is included in "Accrued taxes and other liabilities" in the accompanying consolidated balance sheets.

Commitments to extend credit are agreements to lend money with fixed expiration dates or termination clauses. The Company applies the same credit standards used in the lending process when extending these commitments, and periodically reassesses the customer's creditworthiness through ongoing credit reviews. Since some commitments are expected to expire without being drawn upon, the total commitment amounts do not necessarily represent future cash requirements. Collateral is obtained based on the Company's assessment of the transaction. Essentially all standby letters of credit issued have expiration dates within one year.

The table below shows the approximate amounts of the Company's commitments to extend credit as of the dates presented (dollars in thousands).

	,	September 30,		
		2022	Decen	nber 31, 2021
Loan commitments	\$	370,372	\$	349,701
Standby letters of credit		15,348		18,259

Additionally, at September 30, 2022, the Company had unfunded commitments of \$2.0 million for its investments in Small Business Investment Company qualified funds and other investment funds.

NOTE 11. LEASES

The Company's primary leasing activities relate to certain real estate leases entered into in support of the Company's branch operations. The Company's lease agreements under which its branch locations are operated have all been designated as operating leases. The Company does not lease equipment under operating leases, nor does it have leases designated as finance leases.

The Company determines if an arrangement is a lease at inception. Operating leases, with the exception of short-term leases, are included in operating lease right-of-use ("ROU") assets and operating lease liabilities in "Bank premises and equipment, net" and "Accrued taxes and other liabilities", respectively, in the accompanying consolidated balance sheets. ROU assets represent the right to use an underlying asset for the lease term and lease liabilities represent the obligation to make lease payments arising from the lease. Operating lease ROU assets and liabilities are recognized at the commencement date based on the present value of lease payments over the lease term. As the Company's leases do not provide an implicit rate, the Company uses its incremental borrowing rate based on the information available at the commencement date in determining the present value of lease payments. The operating lease ROU asset also includes any lease pre-payments made and excludes lease incentives. The Company's lease terms may include options to extend or terminate the lease. When it is reasonably certain that the Company will exercise an option to extend a lease, the extension is included in the lease term when calculating the present value of lease payments.

Lease expense for lease payments is recognized on a straight-line basis over the lease term. The Company has lease agreements with lease and non-lease components, which the Company has elected to account for separately, as the non-lease component amounts are readily determinable.

Quantitative information regarding the Company's operating leases is presented below as of and for the nine months ended September 30, 2022 and 2021 (dollars in thousands).

		September 30,				
	2022		2021			
Total operating lease cost	\$	457 \$	457			
Weighted-average remaining lease term (in years)		7.2	8.0			
Weighted-average discount rate		2.9%	2.8%			

At September 30, 2022, the Company's lease ROU assets and related lease liabilities were \$3.0 million and \$3.1 million, respectively, and have remaining terms ranging from 1 to 9 years, including extension options if the Company is reasonably certain they will be exercised.

Future minimum lease payments due under non-cancelable operating leases at September 30, 2022 are presented below (dollars in thousands).

Remainder of 2022	\$ 150
2023	595
2024	515
2025	476
2024 2025 2026	339
Thereafter	1,354
Total	\$ 3,429

At September 30, 2022, the Company had not entered into any material leases that have not yet commenced.

The Bank owns its corporate headquarters building, the first floor of which is occupied by multiple tenants. All tenant leases are operating leases. The Bank, as lessor, recognized lease income of \$0.1 million and \$0.3 million for the three and nine month periods ended September 30, 2022 and 2021, respectively.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Cautionary Note Regarding Forward-Looking Statements

When included in this Quarterly Report on Form 10-Q, or in other documents that Investar Holding Corporation (the "Company," "we," "our," or "us") files with the Securities and Exchange Commission ("SEC") or in statements made by or on behalf of the Company, words like "may," "should," "could," "predict," "potential," "believe," "think," "will likely result," "expect," "continue," "will," "anticipate," "seek," "estimate," "intend," "plan," "projection," "would," "outlook" and similar expressions or the negative version of those words are intended to identify forward-looking statements as defined by the Private Securities Litigation Reform Act of 1995. These forward-looking statements involve a variety of risks and uncertainties that could cause actual results to differ materially from those described therein. The Company's forward-looking statements are based on assumptions and estimates that management believes to be reasonable in light of the information available at the time such statements are made. However, many of the matters addressed by these statements are inherently uncertain and could be affected by many factors beyond management's control. A number of important factors could cause actual results to differ materially from those indicated by the forward-looking statements. These factors include, but are not limited to, the following, any one or more of which could materially affect the outcome of future events:

- the significant risks and uncertainties for our business, results of operations and financial condition, as well as our regulatory capital and liquidity ratios and other regulatory requirements in the United States caused by the ongoing COVID-19 pandemic and war in Ukraine, including but not limited to potential continued higher inflation and supply and labor constraints, which will depend on several factors, including the scope and duration of the pandemic and the war, their continued influence on the economy and financial markets, the impact on market participants on which we rely, and actions taken by governmental authorities and other third parties in response;
- business and economic conditions generally and in the financial services industry in particular, whether nationally, regionally or in the markets in
 which we operate, including evolving risks to economic activity and our customers posed by the COVID-19 pandemic and the war in Ukraine and
 government actions taken to address their impact, the potential impact of the termination of various pandemic-related government support
 programs, and the potential impact of legislation under consideration in Congress, which could increase government programs, spending, and
 taxes;
- our ability to achieve organic loan and deposit growth, and the composition of that growth;
- changes (or the lack of changes) in interest rates, yield curves and interest rate spread relationships that affect our loan and deposit pricing, including potential continued increases in interest rates in 2022;
- our ability to identify and enter into agreements to combine with attractive acquisition candidates, finance acquisitions, complete acquisitions after definitive agreements are entered into, and successfully integrate and grow acquired operations;
- the extent of continuing client demand for the high level of personalized service that is a key element of our banking approach as well as our ability to execute our strategy generally;
- our dependence on our management team, and our ability to attract and retain qualified personnel;
- changes in the quality or composition of our loan portfolio, including adverse developments in borrower industries or in the repayment ability of individual borrowers;
- inaccuracy of the assumptions and estimates we make in establishing reserves for probable loan losses and other estimates;
- cessation of the one-week and two-month U.S. dollar settings of LIBOR as of December 31, 2021 and announced cessation of the remaining U.S. dollar LIBOR settings after June 30, 2023, and the related effect on our LIBOR-based financial products and contracts, including, but not limited to, hedging products, debt obligations, investments and loans;
- changes in the quality and composition of, and changes in unrealized losses in, our investment portfolio, including whether we may have to sell securities before their recovery of amortized cost basis and realize losses;
- the concentration of our business within our geographic areas of operation in Louisiana, Texas and Alabama;
- concentration of credit exposure;
- any deterioration in asset quality and higher loan charge-offs, and the time and effort necessary to resolve problem assets;
- a reduction in liquidity, including as a result of a reduction in the amount of deposits we hold or other sources of liquidity;
- ongoing disruptions in the oil and gas industry due to the significant fluctuations in the price of oil and natural gas;
- data processing system failures and errors;
- cyberattacks and other security breaches;

- potential impairment of our goodwill and other intangible assets;
- our potential growth, including our entrance or expansion into new markets, and the need for sufficient capital to support that growth;

- the impact of litigation and other legal proceedings to which we become subject;
- competitive pressures in the commercial finance, retail banking, mortgage lending and consumer finance industries, as well as the financial resources of, and products offered by, competitors;
- the impact of changes in laws and regulations applicable to us, including banking, securities and tax laws and regulations and accounting standards, as well as changes in the interpretation of such laws and regulations by our regulators;
- changes in the scope and costs of FDIC insurance and other coverages;
- governmental monetary and fiscal policies, including the potential for the Federal Reserve Board to raise target interest rates multiple times during 2022;
- hurricanes, tropical storms, tropical depressions, floods, winter storms, and other adverse weather events, all of which have affected the Company's market areas from time to time; other natural disasters; oil spills and other man-made disasters; acts of terrorism, an outbreak or intensifying of hostilities including the war in Ukraine or other international or domestic calamities, acts of God and other matters beyond our control; and
- other circumstances, many of which are beyond our control.

These factors should not be construed as exhaustive. Additional information on these and other risk factors can be found in Item 1A. "Risk Factors" and Item 7. "Management's Discussion and Analysis of Financial Condition and Results of Operations – Special Note Regarding Forward-Looking Statements" in the Company's Annual Report on Form 10-K for the year ended December 31, 2021, filed with the SEC on March 9, 2022 (the "Annual Report") and in Part II Item 1A. "Risk Factors" of this report.

Because forward-looking statements are inherently subject to risks and uncertainties, some of which cannot be predicted or quantified, you should not rely on any forward-looking statement as a prediction of future events. We expressly disclaim any obligation or undertaking to update our forward-looking statements, and we do not intend to release publicly any updates or changes in our expectations concerning the forward-looking statements or any changes in events, conditions or circumstances upon which any forward-looking statement may be based, except as required by law.

Company Overview

This section presents management's perspective on the consolidated financial condition and results of operations of the Company and its wholly-owned subsidiary, Investar Bank, National Association (the "Bank"). The following discussion and analysis should be read in conjunction with our unaudited consolidated financial statements and related notes thereto included herein, and the audited consolidated financial statements for the year ended December 31, 2021, including the notes thereto, and the related Management's Discussion and Analysis of Financial Condition and Results of Operations in the Annual Report.

Through our wholly-owned subsidiary, the Bank, we provide full banking services, excluding trust services, tailored primarily to meet the needs of individuals, professionals and small to medium-sized businesses in our primary areas of operation in south Louisiana, including Baton Rouge, New Orleans, Lafayette, Lake Charles, and their surrounding metropolitan areas, in southeast Texas, including Houston and its surrounding metropolitan areas, and Alice and Victoria, Texas, in west Alabama, including York and its surrounding area, and east Alabama, including Oxford and its surrounding area. The Bank commenced operations in 2006, and we completed our initial public offering in July 2014. On July 1, 2019, the Bank changed from a Louisiana state bank charter to a national bank charter and its name changed to Investar Bank, National Association.

Our strategy includes organic growth through high quality loans and growth through acquisitions, including whole-bank acquisitions and strategic branch acquisitions. We currently operate 21 full service branches in Louisiana, four full service branches in Texas, and six full service branches in Alabama. We have completed seven whole-bank acquisitions since 2011 and regularly review acquisition opportunities. We continue to enhance our online banking platform and plan to continue to introduce new technologies, with the goal of delivering products and services more efficiently with fewer branches and people. We closed two branches in 2021 and an additional two branches in the second quarter of 2022. We sold a former branch location and two tracts of land in the first quarter of 2022, two former branch locations and one tract of land in the second quarter of 2022, and two former branch locations in the third quarter of 2022. The tracts of land that we sold were being held for future branch locations. On July 15, 2022, we entered into a Purchase and Assumption Agreement to sell certain assets, deposits and other liabilities associated with the Alice, Texas and Victoria, Texas locations to First Community Bank. The transaction is expected to close in the first quarter of 2023, subject to regulatory approvals and other customary closing conditions. The transaction is not expected to have a material impact on our financial results. We expect that the sale will permit us to focus more on our core markets. Of the Bank's entire branch network, these two locations are geographically the most distant from our Louisiana headquarters.

Our principal business is lending to and accepting deposits from individuals, professionals and small to medium-sized businesses in our areas of operation. We generate our income principally from interest on loans and, to a lesser extent, our securities investments, as well as from fees charged in connection with our various loan and deposit services and gains on the sale of securities, net of any losses we may realize on the sale of securities. Our principal expenses are interest expense on interest-bearing customer deposits and borrowings, salaries, employee benefits, occupancy costs, data processing and other operating expenses and, depending on our level of acquisition activity in a period, may also include acquisition expense. We measure our performance through our net interest margin, return on average assets, and return on average equity, among other metrics, while seeking to maintain appropriate regulatory leverage and risk-based capital ratios.

Certain Events That Affect Year-over-Year Comparability

Acquisitions. On April 1, 2021, the Company completed the acquisition of Cheaha Financial Group, Inc. ("Cheaha"), headquartered in Oxford, Alabama, and its wholly-owned subsidiary, Cheaha Bank. All of the issued and outstanding shares of Cheaha were converted into aggregate cash merger consideration of \$41.1 million. On the date of the acquisition, Cheaha had total assets with a fair value of \$240.8 million, including \$120.4 million in loans, and \$207.0 million in deposits, and served the residents of Calhoun County, Alabama through four branch locations. The Company recorded a core deposit intangible and goodwill of \$0.8 million and \$11.9 million, respectively, related to the acquisition of Cheaha.

Branches. We closed one branch location in Prairieville, Louisiana in April 2021 and one branch location in Dickinson, Texas in October 2021. We closed one branch location in Baton Rouge, Louisiana and one branch location in Westlake, Louisiana in May 2022. We do not expect to open de novo branches during the remainder of 2022.

COVID-19 Pandemic. The COVID-19 pandemic and related governmental control measures severely disrupted financial markets and overall economic conditions in 2020 and 2021. While the impact of the pandemic and the associated uncertainties remain in 2022, there has been significant progress made with COVID-19 vaccination levels, which has resulted in the easing of restrictive measures in the United States. At the same time, many industries have been experiencing supply chain disruptions and labor shortages. Inflation has also increased significantly, and in response the Federal Reserve has raised the federal funds target rate multiple times in 2022, as discussed below. Oil and gas prices have also been volatile due in part to the pandemic; in 2022 these prices have risen significantly due to the war in Ukraine. We cannot predict the extent to which individuals may decide to restrict their activities as a result of evolving pandemic developments, the extent to which governments may reinstitute certain restrictions, nor what future impact evolving pandemic developments or the war in Ukraine may have on the economy or our business.

Federal Funds Target Rate. During the entirety of 2021, the federal funds target rate was 0% to 0.25%, and it remained at that rate until March 2022. The Federal Reserve made the following changes to the federal funds target rate in 2022:

- On March 16, 2022, the federal funds target rate increased by 25 basis points to 0.25% to 0.50%
- On May 4, 2022, the federal funds target rate increased 50 basis points to 0.75% to 1.00%
- On June 15, 2022, the federal funds target rate increased by 75 basis points to 1.50% to 1.75%
- On July 27, 2022, the federal funds target rate increased by 75 basis points to 2.25% to 2.50%
- On September 21, 2022, the federal funds target rate increased by 75 basis points to 3.00% to 3.25%

Hurricane Ida. On August 29, 2021, Hurricane Ida hit the Louisiana coast as a category 4 hurricane. Though Hurricane Ida did not cause significant physical damage to our branch locations, the storm devastated some of our market areas. The Company set up programs to help employees and customers experiencing financial difficulty as a result of the hurricane, including a deferral program. For additional information, see Part II Item 7. "Management's Discussion and Analysis of Financial Condition – Loans – Loan Deferral Program" in our Annual Report. Additionally, the Company recorded an impairment charge of \$21.6 million in the third quarter of 2021 related to a lending relationship with related borrowers (collectively, the "Borrower") consisting of multiple loans that are secured by various types of collateral, including real estate, inventory, and equipment. As a result of Hurricane Ida's impact on the Borrower's business operations, some of the collateral securing the loan relationship, including real estate, inventory, and equipment, experienced a significant reduction in value.

Subordinated Debt Issuance. In April 2022, we completed a private placement of \$20.0 million in aggregate principal amount of our 5.125% Fixed-to-Floating Subordinated Notes due 2032 (the "2032 Notes"). In June 2022, we used the majority of the proceeds to redeem \$18.6 million of our 2017 issuance of 6.00% Fixed-to-Floating Rate Subordinated Notes due 2027 (the "2027 Notes"). We utilized the remaining proceeds for share repurchases and for general corporate purposes.

Overview of Financial Condition and Results of Operations

For the nine months ended September 30, 2022, net income was \$26.8 million, or \$2.64 and \$2.62 per basic and diluted common share, respectively, compared to net income of \$1.1 million, or \$0.10 and \$0.09 per basic and diluted common share for the nine months ended September 30, 2021. Net income increased primarily due to the decrease in provision for loan losses that resulted from the \$21.6 million impairment charge recorded on one of the Company's loan relationships connected with Hurricane Ida in the third quarter of 2021, as discussed above. Noninterest income increased \$4.5 million, which was driven by a \$6.2 million increase in swap termination fee income, partially offset by a \$2.3 million decrease in gain on call or sale of investment securities. There was a \$3.4 million increase in interest income driven by an increase in interest on investment securities and a \$1.5 million decrease in interest expense driven by a 24 basis point decrease in our cost of deposits. At September 30, 2022, the Company and Bank each were in compliance with all regulatory capital requirements, and the Bank was considered "well-capitalized" under the FDIC's prompt corrective action regulations. Other key components of our performance for the nine months ended September 30, 2022 compared to the nine months ended September 30, 2021 are summarized below.

- For the nine months ended September 30, 2022, our net interest margin was 3.73% compared to 3.52% for the nine months ended September 30, 2021.
- Return on average assets increased to 1.39% for the nine months ended September 30, 2022 compared to 0.06% for the nine months ended September 30, 2021. Return on average equity was 15.30% for the nine months ended September 30, 2022 compared to 0.57% for the nine months ended September 30, 2021.
- Total loans increased \$133.7 million, or 7.1%, to \$2.01 billion at September 30, 2022 compared to \$1.87 billion at December 31, 2021. Excluding Paycheck Protection Program ("PPP") loans with a total balance of \$1.9 million and \$23.3 million at September 30, 2022 and December 31, 2021, respectively, loans increased \$155.1 million, or 8.4%, at September 30, 2022 compared to December 31, 2021.
- Total deposits decreased \$67.6 million, or 3.2%, to \$2.05 billion at September 30, 2022, compared to \$2.12 billion at December 31, 2021. Noninterest-bearing deposits increased \$5.1 million, or 0.9%, to \$590.6 million at September 30, 2022, compared to \$585.5 million at December 31, 2021.
- During the nine months ended September 30, 2022, the Company paid \$10.3 million to repurchase 508,780 shares of its common stock, compared to paying \$6.9 million to repurchase 359,138 shares of its common stock during the nine months ended September 30, 2021. The Company's board of directors approved an additional 400,000 shares of the Company's common stock for repurchase on April 21, 2022 and an additional 300,000 shares of the Company's common stock for repurchase on September 21, 2022. At September 30, 2022, there were 396,912 shares authorized for repurchase under the current repurchase program.

Discussion and Analysis of Financial Condition

Loans

General. Loans, excluding loans held for sale, constitute our most significant asset, comprising 75% and 74% of our total assets at September 30, 2022 and December 31, 2021, respectively. Total loans increased \$133.7 million, or 7.1%, to \$2.01 billion at September 30, 2022 compared to \$1.87 billion at December 31, 2021. The increase in loans was primarily the result of organic growth.

Beginning in the second quarter of 2020, the Bank has participated as a lender in the PPP as established by the CARES Act. At September 30, 2022, approximately 99% of the total balance of PPP loans originated have been forgiven by the SBA or paid off by the customer. Excluding PPP loans with a total balance of \$1.9 million and \$23.3 million at September 30, 2022 and December 31, 2021, respectively, which are included in the commercial and industrial loan portfolio, loans increased \$155.1 million, or 8.4%, at September 30, 2022 compared to December 31, 2021.

The table below sets forth the balance of loans outstanding by loan type as of the dates presented, and the percentage of each loan type to total loans (dollars in thousands).

	September 30, 2022			December	31, 2021
	Percentage of				Percentage of
		Amount	Total Loans	Amount	Total Loans
Construction and development	\$	220,609	11.0%	\$ 203,204	10.9%
1-4 Family		391,857	19.5	364,307	19.4
Multifamily		57,306	2.9	59,570	3.2
Farmland		14,202	0.7	20,128	1.1
Commercial real estate					
Owner-occupied		445,671	22.2	460,205	24.6
Nonowner-occupied		464,520	23.2	436,172	23.3
Total mortgage loans on real estate		1,594,165	79.5	1,543,586	82.5
Commercial and industrial		397,759	19.8	310,831	16.6
Consumer		13,753	0.7	17,595	0.9
Total loans		2,005,677	100%	1,872,012	100%
Loans held for sale				620	
Total gross loans	\$	2,005,677		\$ 1,872,632	

At September 30, 2022, the Company's business lending portfolio, which consists of loans secured by owner-occupied commercial real estate properties and commercial and industrial loans, was \$843.4 million, an increase of \$72.4 million, or 9.4%, compared to \$771.0 million at December 31, 2021. The increase in the business lending portfolio was driven by increased organic loan production by our Commercial and Industrial Division, partially offset by the forgiveness of PPP loans and a large prepayment from one of our owner-occupied commercial real estate loan relationships. We also experienced a \$28.3 million increase in non-owner occupied loans due to organic growth.

Our focus on a relationship-driven banking strategy and hiring of experienced commercial lenders are the primary reasons we experienced our largest organic loan growth in the commercial and industrial loan portfolio. We have increased our emphasis on originating commercial and industrial and commercial real estate loans.

The following table sets forth loans outstanding at September 30, 2022, excluding loans held for sale, which, based on remaining scheduled repayments of principal, are due in the periods indicated. Loans with balloon payments and longer amortizations are often repriced and extended beyond the initial maturity when credit conditions remain satisfactory. Demand loans, loans having no stated schedule of repayments and no stated maturity and overdrafts are reported below as due in one year or less (dollars in thousands).

	0	ne Year or	After One ear Through	_	After Five ars Through		fter Ten rs Through	A	fter Fifteen	
		Less	 Five Years		Ten Years	Fift	teen Years		Years	 Total
Construction and development	\$	119,325	\$ 49,657	\$	31,124	\$	10,943	\$	9,560	\$ 220,609
1-4 Family		53,183	73,653		55,547		27,913		181,561	391,857
Multifamily		8,496	35,408		11,905		440		1,057	57,306
Farmland		4,528	5,319		4,218		137		_	14,202
Commercial real estate										
Owner-occupied		26,542	97,170		200,464		108,697		12,798	445,671
Nonowner-occupied		41,983	210,323		173,327		38,667		220	464,520
Total mortgage loans on real estate		254,057	471,530		476,585		186,797		205,196	 1,594,165
Commercial and industrial		170,876	89,456		79,855		50,885		6,687	397,759
Consumer		3,032	8,902		1,323		326		170	13,753
Total loans	\$	427,965	\$ 569,888	\$	557,763	\$	238,008	\$	212,053	\$ 2,005,677

Loan Concentrations. Loan concentrations are considered to exist when there are amounts loaned to multiple borrowers engaged in similar activities that would cause them to be similarly impacted by economic or other conditions. At September 30, 2022 and December 31, 2021, we had no concentrations of loans exceeding 10% of total loans other than loans in the categories listed in the table above.

Investment Securities

We purchase investment securities primarily to provide a source for meeting liquidity needs, with return on investment a secondary consideration. We also use investment securities as collateral for certain deposits and other types of borrowings. Investment securities represented 16% of our total assets and totaled \$422.6 million at September 30, 2022, an increase of \$56.8 million, or 15.5%, from \$365.8 million at December 31, 2021. The increase in investment securities at September 30, 2022 compared to December 31, 2021 was driven by a \$54.8 million increase in residential mortgage-backed securities, as well as increases in all other categories of investments, with the exception of obligations of political and state subdivisions which decreased by \$15.0 million compared to December 31, 2021.

The table below shows the carrying value of our investment securities portfolio by investment type and the percentage that such investment type comprises of our entire portfolio as of the dates indicated (dollars in thousands).

	September	30, 2022	December	31, 2021
		Percentage of		Percentage of
	Balance	Portfolio	Balance	Portfolio
Obligations of the U.S. Treasury and U.S. government agencies and corporations	\$ 30,877	7.3% \$	21,268	5.8%
Obligations of state and political subdivisions	24,485	5.8	39,495	10.8
Corporate bonds	30,104	7.1	27,667	7.6
Residential mortgage-backed securities	258,045	61.1	203,249	55.6
Commercial mortgage-backed securities	79,048	18.7	74,085	20.2
Total	\$ 422,559	100% \$	365,764	100%

The investment portfolio consists of available for sale ("AFS") and held to maturity ("HTM") securities. We classify debt securities as HTM if management has the positive intent and ability to hold the securities to maturity. HTM debt securities are stated at amortized cost. Securities not classified as HTM are classified as AFS. The carrying values of the Company's AFS securities are adjusted for unrealized gains or losses as valuation allowances, and any gains or losses are reported on an after-tax basis as a component of other comprehensive (loss) income. Any expected credit loss due to the inability to collect all amounts due according to the security's contractual terms is recognized as a charge against earnings. Any remaining unrealized loss related to other factors would be recognized in other comprehensive (loss) income, net of taxes.

The table below sets forth the stated maturities and weighted average yields of our investment debt securities based on the amortized cost of our investment portfolio at September 30, 2022 (dollars in thousands).

					After O	ne Year		After Fiv	e Years		
		One Year	or Less	,	Through I	ive Years		Through 7	Ten Years	After Te	n Years
	Aı	nount	Yield	A	mount	Yield	A	mount	Yield	Amount	Yield
Held to maturity:								,			
Obligations of state and political											
subdivisions	\$	870	5.88%	\$	1,875	5.88%	\$	3,790	3.59%	\$ —	<u>%</u>
Residential mortgage-backed securities		_	_		_	_		_	_	2,838	3.06
Available for sale:											
Obligations of the U.S. Treasury and U.S.											
government agencies and corporations		1	3.15		15,295	3.29		16,142	3.56	_	_
Obligations of state and political											
subdivisions		343	3.14		1,577	2.55		10,263	2.41	8,784	2.73
Corporate bonds		_	_		12,419	3.39		17,048	4.09	4,000	2.69
Residential mortgage-backed securities		_	_		_	_		6,457	2.79	297,953	2.25
Commercial mortgage-backed securities		_	_		3,596	2.83		3,962	2.47	79,402	2.61
	\$	1,214		\$	34,762		\$	57,662		\$ 392,977	

The maturity of mortgage-backed securities reflects scheduled repayments based upon the contractual maturities of the securities. Weighted average yields on tax-exempt obligations have been computed on a fully tax equivalent basis assuming a federal tax rate of 21%.

As of September 30, 2022, we had \$64.5 million in unrealized losses and \$0.4 million in unrealized gains in our AFS investment securities portfolio. For additional information, see Note 4. Investment Securities in the Notes to Consolidated Financial Statements contained in Part I Item 1. "Financial Statements" herein.

Deposits

The following table sets forth the composition of our deposits and the percentage of each deposit type to total deposits at September 30, 2022 and December 31, 2021 (dollars in thousands).

	September	30, 2022	December	31, 2021
		Percentage of		Percentage of
	Amount	Total Deposits	Amount	Total Deposits
Noninterest-bearing demand deposits	\$ 590,610	28.8% \$	585,465	27.6%
Interest-bearing demand deposits	624,025	30.4	650,868	30.7
Money market deposit accounts	251,213	12.2	255,501	12.1
Savings accounts	167,131	8.1	180,837	8.5
Time deposits	419,704	20.5	447,595	21.1
Total deposits	\$ 2,052,683	100% \$	2,120,266	100%

Total deposits were \$2.05 billion at September 30, 2022, a decrease of \$67.6 million, or 3.2%, compared to \$2.12 billion at December 31, 2021. The decrease is primarily driven by management's decision to run-off higher yielding time deposits through the end of the second quarter of 2022 as well as increased consumer spending, as customers drew down on their existing deposit accounts. The decrease was partially offset by organic growth in noninterest-bearing deposits.

The COVID-19 pandemic created a significant amount of excess liquidity in the market, and, as a result, we experienced large increases in both noninterest and interest-bearing demand deposits, and in money market deposit accounts and savings accounts during 2021. These increases were primarily driven by reduced consumer and business spending related to the COVID-19 pandemic and increases in some PPP borrowers' deposit accounts. As anticipated, these conditions were temporary in nature as the economy has been slowly recovering from the effects of the COVID-19 pandemic.

Our deposit mix improved, as noninterest-bearing deposits as a percentage of total deposits increased to 28.8% at September 30, 2022 compared to 27.6% at December 31, 2021. Time deposits as a percentage of total deposits decreased to 20.5% at September 30, 2022 compared to 21.1% at December 31, 2021.

Borrowings

At September 30, 2022, total borrowings include federal funds purchased through unsecured lines of credit with First National Bankers Bank and T Independent Bankers Bank, advances from the Federal Home Loan Bank ("FHLB"), subordinated debt issued in 2019 and 2022, and junior subordinat debentures assumed through acquisitions.

We had no securities sold under agreements to repurchase at September 30, 2022 compared to \$5.8 million at December 31, 2021. Our advances from the FHLB were \$333.1 million at September 30, 2022, an increase of \$254.6 million, or 324.3%, from FHLB advances of \$78.5 million at December 31, 2021. FHLB advances are used to fund increased loan and investment activity that is not funded by deposits or other borrowings.

We had \$0.2 million of federal funds purchased through our unsecured lines of credit at September 30, 2022 and no outstanding balances drawn at December 31, 2021. The carrying value of the subordinated debt was \$44.2 million and \$43.0 million at September 30, 2022 and December 31, 2021, respectively. The \$8.5 million and \$8.4 million in junior subordinated debt at September 30, 2022 and December 31, 2021, respectively, represent the junior subordinated debentures that we assumed through acquisitions.

The average balances and cost of funds of short-term borrowings for the nine months ended September 30, 2022 and 2021 are summarized in the table below (dollars in thousands).

	Average	Bala	nces	Cost of	Funds		
	ember 30, 2022	Sep	otember 30, 2021	September 30, 2022	September 30, 2021		
Federal funds purchased and other short-term borrowings	\$ 81,587	\$	4,335	2.14%	0.20%		
Securities sold under agreements to repurchase	1,990		5,848	0.15	0.20		
Total short-term borrowings	\$ 83,577	\$	10,183	2.09%	0.20%		

The main source of our short-term borrowings are advances from the FHLB. The rate charged for these advances is directly tied to the Federal Reserve Bank's federal funds target rate. On March 3, 2020, the Federal Reserve lowered the federal funds target rate to 1.00% to 1.25%, which the Federal Reserve stated was in response to the evolving risks to economic activity posed by the coronavirus. As the coronavirus spread and was declared a pandemic, the Federal Reserve further reduced the federal funds target rate to 0% to 0.25% on March 15, 2020. As previously discussed, the Federal Reserve has since increased the federal funds target rate multiple times in 2022. As of September 30, 2022, the federal funds target rate was 3.00% to 3.25%.

2032 Notes. On April 6, 2022, we entered into a Subordinated Note Purchase Agreement with certain institutional accredited investors and qualified institutional buyers (the "Purchasers") under which we issued \$20.0 million in aggregate principal amount of our 2032 Notes to the Purchasers at a price equal to 100% of the aggregate principal amount of the 2032 Notes. The 2032 Notes were issued under an indenture, dated April 6, 2022 (the "Indenture"), by and among the Company and UMB Bank, National Association, as trustee.

The 2032 Notes have a stated maturity date of April 15, 2032 and will bear interest at a fixed rate of 5.125% per year from and including April 6, 2022 to but excluding April 15, 2027 or earlier redemption date. From April 15, 2027 to but excluding the stated maturity date or earlier redemption date, the 2032 Notes will bear interest a floating rate equal to the then current three-month term secured overnight financing rate ("SOFR"), plus 277 basis points. As provided in the 2032 Notes, the interest rate on the 2032 Notes during the applicable floating rate period may be determined based on a rate other than three-month term SOFR. The 2032 Notes may be redeemed, in whole or in part, on or after April 15, 2027 or, in whole but not in part, under certain other limited circumstances set forth in the Indenture. Any redemption we made would be at a redemption price equal to 100% of the principal balance being redeemed, together with any accrued and unpaid interest to the date of redemption.

Principal and interest on the 2032 Notes are subject to acceleration only in limited circumstances in the case of certain bankruptcy and insolvency-related events with respect to us. The 2032 Notes are the unsecured, subordinated obligations of the Company and rank junior in right of payment to our current and future senior indebtedness and to our obligations to our general creditors. The 2032 Notes are intended to qualify as tier 2 capital for regulatory purposes.

We used the majority of the net proceeds to redeem our 2027 Notes in June 2022, and utilized the remaining proceeds for share repurchases and for general corporate purposes.

For a description of our 2029 Notes, which are outstanding at September 30, 2022, and our 2027 Notes, which have been redeemed as of September 30, 2022, see our Annual Report, Part II Item 7. "Management's Discussion and Analysis of Financial Condition and Results of Operations – Discussion and Analysis of Financial Condition – Borrowings – 2029 Notes and 2027 Notes" and Note 11 to the financial statements included in such report.

Stockholders' Equity

Stockholders' equity was \$205.7 million at September 30, 2022, a decrease of \$36.9 million compared to December 31, 2021. The decrease is primarily attributable to an increase in accumulated other comprehensive loss due to a decrease in the fair value of the Bank's AFS securities portfolio.

Results of Operations

Net Interest Income and Net Interest Margin

Net interest income, which is the largest component of our earnings, is the difference between interest earned on assets, such as loans and investments, and the cost of interest-bearing liabilities, such as deposits and borrowings. The primary factors affecting net interest income are the volume, yield and mix of our rate-sensitive assets and liabilities, as well as the amount of our nonperforming loans and the interest rate environment.

Three months ended September 30, 2022 vs. three months ended September 30, 2021. Net interest income increased 8.9% to \$23.5 million for the three months ended September 30, 2022 compared to \$21.5 million for the same period in 2021. This increase is primarily due to an increase in the yield on the investment securities portfolio. Average investment securities increased \$201.3 million due to increased purchase activity, which, in addition to higher investment yields, resulted in a \$1.9 million increase in interest on investment securities compared to the same period in 2021, as discussed in more detail below. There was also a \$30.5 million increase in average loans, primarily due to organic growth partially offset by the forgiveness of PPP loans, which, in addition to higher loan yields, contributed to a \$0.7 million increase in interest and fees on loans compared to the same period in 2021, discussed in more detail below. Average interest-bearing deposits decreased approximately \$234.5 million for the three months ended September 30, 2022 compared to the same period in 2021, and we experienced an increase of \$0.6 million in interest expense, discussed in more detail below. The decrease in average interest-bearing deposits resulted primarily from management's decision to run-off higher yielding time deposits through the end of the second quarter of 2022 and the elimination of brokered deposits, which were historically used to satisfy required borrowings under our interest rate swap agreements.

Interest income was \$27.0 million, including \$0.1 million of interest and fees for PPP loans, for the three months ended September 30, 2022, compared to \$24.5 million, including \$1.3 million of interest and fees for PPP loans, for the same period in 2021. Loan interest income made up substantially all of our interest income for the three months ended September 30, 2022 and 2021, although interest on investment securities contributed 10.6% of interest income during the third quarter of 2022 compared to 4.2% during the third quarter of 2021. An increase in interest income of \$0.8 million can be attributed to the change in the volume of interest-earning assets, and an increase of \$1.7 million can be attributed to an increase in the yield earned on those assets. The overall yield on interest-earning assets was 4.34% and 3.91% for the three months ended September 30, 2022 and 2021, respectively. The loan portfolio yielded 4.86% and 4.79% for the three months ended September 30, 2022 and September 30, 2021, respectively, while the yield on the investment portfolio was 2.36% for the three months ended September 30, 2022 compared to 1.44% for the three months ended September 30, 2021. The increase in the overall yield on interest-earning assets compared to the quarter ended September 30, 2021 was primarily driven by a seven basis point increase in the yield on the loan portfolio and a 101 basis point increase in the yield on the taxable investment securities portfolio.

Interest expense was \$3.5 million for the three months ended September 30, 2022, an increase of \$0.6 million compared to interest expense of \$2.9 million for the three months ended September 30, 2021. An increase of \$1.0 million resulted from the increase in the cost of interest-bearing liabilities, primarily short-term borrowings, partially offset by a decrease in interest expense of \$0.4 million, which resulted from the change in volume of interest-bearing liabilities. Average interest-bearing liabilities decreased approximately \$57.3 million for the three months ended September 30, 2022 compared to the same period in 2021 mainly as a result of a \$234.5 million decrease in interest-bearing deposits, while average short- and long-term debt increased by \$177.2 million. Given the sustained increases in interest rates during 2022, we may need to increase rates offered on our interest-bearing products in order to maintain or increase deposits. The cost of deposits decreased seven basis points to 0.36% for the three months ended September 30, 2022 compared to 0.43% for the three months ended September 30, 2021 as a result of the elimination of brokered deposits and a decrease in average balance and rates paid for time deposits. The cost of interest-bearing liabilities increased 16 basis points to 0.79% for the three months ended September 30, 2022 compared to 0.63% for the same period in 2021, due to both a higher average balance of and an increased cost of short-term borrowings, the cost of which is driven by the Federal Reserve's federal funds rate, partially offset by the decrease in the cost of deposits.

Net interest margin was 3.77% for the three months ended September 30, 2022, an increase of 33 basis points from 3.44% for the three months ended September 30, 2021. The increase in net interest margin was primarily driven by a 43 basis point increase in the yield on interest-earning assets and a seven basis point decrease in the cost of deposits.

Average Balances and Yields. The following table sets forth average balance sheet data, including all major categories of interest-earning assets and interest-bearing liabilities, together with the interest earned or paid and the average yield or rate paid on each such category for the three months ended September 30, 2022 and 2021. Averages presented in the table below are daily averages (dollars in thousands).

			Th	ree months ende	ed :	September 30),		
			2022					2021	
	 Average		Interest Income/	Yield/		Average		Interest Income/	Yield/
	 Balance	Е	xpense(1)	Rate(1)		Balance	E	xpense(1)	Rate(1)
Assets									
Interest-earning assets:									
Loans	\$ 1,954,493	\$	23,924	4.86%	\$	1,923,960	\$	23,220	4.79%
Securities:									
Taxable	466,012		2,769	2.36		262,751		892	1.35
Tax-exempt	16,528		105	2.50		18,499		129	2.76
Interest-earning balances with banks	 31,324		204	2.58		276,860		232	0.33
Total interest-earning assets	2,468,357		27,002	4.34		2,482,070		24,473	3.91
Cash and due from banks	33,291					38,511			
Intangible assets	43,472					44,040			
Other assets	98,936					142,608			
Allowance for loan losses	 (22,445)					(20,517)			
Total assets	\$ 2,621,611				\$	2,686,712			
Liabilities and stockholders' equity									
Interest-bearing liabilities:									
Deposits:									
Interest-bearing demand deposits	\$ 887,040	\$	594	0.27%	\$	901,146	\$	599	0.26%
Brokered deposits	_		_	_		112,601		264	0.93
Savings deposits	173,582		20	0.05		173,971		67	0.15
Time deposits	396,204		701	0.70		503,600		924	0.73
Total interest-bearing deposits	1,456,826		1,315	0.36		1,691,318		1,854	0.43
Short-term borrowings(2)	191,210		1,156	2.40		9,136		5	0.21
Long-term debt	124,924		1,064	3.38		129,786		1,066	3.26
Total interest-bearing liabilities	1,772,960		3,535	0.79		1,830,240		2,925	0.63
Noninterest-bearing deposits	612,777					581,397			
Other liabilities	9,250					20,459			
Stockholders' equity	226,624					254,616			
Total liabilities and stockholders' equity	\$ 2,621,611				\$	2,686,712			
Net interest income/net interest margin		\$	23,467	3.77%			\$	21,548	3.44%

⁽¹⁾ Interest income and net interest margin are expressed as a percentage of average interest-earning assets outstanding for the indicated periods. Interest expense is expressed as a percentage of average interest-bearing liabilities for the indicated periods.

⁽²⁾ For additional information, see Discussion and Analysis of Financial Condition – Borrowings.

Three months ended September 30, 2022 vs. Three months ended September 30, 2021

		Three months ended September 30, 2021											
		Volume	Rate		Net(1)								
Interest income:	_												
Loans	\$	368	\$ 336	\$	704								
Securities:													
Taxable		691	1,187		1,878								
Tax-exempt		(14)	(11)		(25)								
Interest-earning balances with banks		(206)	178		(28)								
Total interest-earning assets		839	1,690		2,529								
Interest expense:													
Interest-bearing demand deposits		(9)	4		(5)								
Brokered deposits		(264)	_		(264)								
Savings deposits		_	(47)		(47)								
Time deposits		(197)	(26)		(223)								
Short-term borrowings		94	1,057		1,151								
Long-term debt		(40)	38		(2)								
Total interest-bearing liabilities		(416)	1,026		610								
Change in net interest income	\$	1,255	\$ 664	\$	1,919								

⁽¹⁾ Changes in interest due to both volume and rate have been allocated on a pro-rata basis using the absolute ratio value of amounts calculated.

Nine months ended September 30, 2022 vs. nine months ended September 30, 2021. Net interest income increased 7.9% to \$67.3 million for the nine months ended September 30, 2022 compared to \$62.3 million for the same period in 2021. This increase is primarily due to an increase in the yield on the investment securities portfolio. Average investment securities increased \$161.7 million due to increased purchase activity, which, in addition to higher investment yields, resulted in a \$4.0 million increase in interest on investment securities compared to the same period in 2021, as discussed in more detail below. Average interest-bearing deposits decreased approximately \$108.4 million for the nine months ended September 30, 2022 compared to the same period in 2021, and we experienced a decrease of \$1.5 million in interest expense, discussed in more detail below. The decrease in average interest-bearing deposits resulted primarily from management's decision to run-off higher yielding time deposit through the second quarter of 2022 and the elimination of brokered deposits, which were historically used to satisfy required borrowings under our interest rate swap agreements. There was also a \$2.5 million decrease in average loans, primarily due to forgiveness of PPP loans partially offset by organic growth, which in addition to lower loan yields, contributed to a \$0.6 million decrease in interest and fees on loans compared to the same period in 2021, also discussed in more detail below.

Interest income was \$75.2 million, including \$0.8 million of interest and fees for PPP loans and \$0.6 million of prepayment penalty fees, for the nine months ended September 30, 2022, compared to \$71.8 million, including \$4.0 million of interest and fees for PPP loans, for the same period in 2021. Loan interest income made up substantially all of our interest income for the nine months ended September 30, 2022 and 2021, although interest on investment securities contributed 9.6% of interest income for the nine months ended September 30, 2022 compared to 4.5% for the same period in 2021. An increase of \$2.3 million can be attributed to an increase in the yield on interest-earning assets, primarily taxable investment securities, and an increase in interest income of \$1.1 million can be attributed to the change in the volume of interest-earning assets, primarily taxable investment securities. Prepayment penalty fees of \$0.6 million recognized as loan fees during the nine months ended September 30, 2022 added four basis points to the yield on the loan portfolio. The overall yield on interest-earning assets was 4.18% and 4.05% for the nine months ended September 30, 2022 and 2021, respectively. The loan portfolio yielded 4.73% and 4.76% for the nine months ended September 30, 2022 and September 30, 2021, respectively, while the yield on the investment portfolio was 2.12% for the nine months ended September 30, 2022 compared to 1.47% for the nine months ended September 30, 2021. The increase in the overall yield on interest-earning assets compared to the nine months ended September 30, 2021 was primarily driven by a 73 basis point increase in the yield on taxable investment securities, partially offset by lower loan yields.

Interest expense was \$7.9 million for the nine months ended September 30, 2022, a decrease of \$1.5 million compared to interest expense of \$9.4 million for the nine months ended September 30, 2021. A decrease in interest expense of \$1.0 million resulted from the change in volume of interest-bearing liabilities and a decrease of \$0.5 million resulted from the decrease in the cost of interest-bearing liabilities, primarily interest-bearing demand deposits and time deposits, partially offset by an increase in the cost of short-term borrowings. Average interest-bearing liabilities decreased approximately \$29.7 million for the nine months ended September 30, 2022 compared to the same period in 2021 mainly as a result of a \$108.4 million de crease in interest-bearing deposits, while average short- and long-term debt increased by \$78.6 million. The cost of deposits decreased 24 basis points to 0.28% for the nine months ended September 30, 2022 compared to 0.52% for the nine months ended September 30, 2021 as a result of the decrease in the rates offered for our all of our interest-bearing deposit products. The cost of interest-bearing liabilities decreased 11 basis points to 0.61% for the nine months ended September 30, 2022 compared to 0.72% for the same period in 2021, due to the decrease in the cost of deposits, partially offset by a higher average balance of and an increased cost of short-term borrowings, the cost of which is driven by the Federal Reserve's federal funds rate.

Net interest margin was 3.73% for the nine months ended September 30, 2022, an increase of 21 basis points from 3.52% for the nine months ended September 30, 2021. The increase in net interest margin was primarily driven by a 24 basis point decrease in the cost of deposits, partially offset by a 13 basis point increase in the yield on interest-earning assets.

Average Balances and Yields. The following table sets forth average balance sheet data, including all major categories of interest-earning assets and interest-bearing liabilities, together with the interest earned or paid and the average yield or rate paid on each such category for the nine months ended September 30, 2022 and 2021. Averages presented in the table below are daily averages (dollars in thousands).

			Ni	ne months ende	d S	September 30	,		
			2022					2021	
	Average		Interest Income/	Yield/		Average		Interest Income/	Yield/
	 Balance	E	xpense(1)	Rate(1)		Balance	E	xpense(1)	Rate(1)
Assets									
Interest-earning assets:									
Loans	\$ 1,904,950	\$	67,415	4.73%	\$	1,907,492	\$	67,982	4.76%
Securities:									
Taxable	434,642		6,817	2.10		272,010		2,791	1.37
Tax-exempt	19,348		375	2.59		20,256		418	2.76
Interest-earning balances with banks	 48,928		590	1.61		171,090		598	0.47
Total interest-earning assets	2,407,868		75,197	4.18		2,370,848		71,789	4.05
Cash and due from banks	34,652					36,525			
Intangible assets	43,698					40,336			
Other assets	114,407					137,770			
Allowance for loan losses	 (21,639)					(20,507)			
Total assets	\$ 2,578,986				\$	2,564,972			
Liabilities and stockholders' equity									
Interest-bearing liabilities:									
Deposits:									
Interest-bearing demand deposits	\$ 926,535	\$	1,326	0.19%	\$	831,320	\$	1,985	0.32%
Brokered deposits	2,370		7	0.41		97,998		713	0.97
Savings deposits	177,980		62	0.05		164,636		204	0.17
Time deposits	 403,284		1,803	0.60		524,571		3,368	0.86
Total interest-bearing deposits	1,510,169		3,198	0.28		1,618,525		6,270	0.52
Short-term borrowings(2)	83,577		1,308	2.09		10,183		16	0.20
Long-term debt	134,389		3,425	3.41		129,141		3,156	3.27
Total interest-bearing liabilities	1,728,135		7,931	0.61		1,757,849		9,442	0.72
Noninterest-bearing deposits	603,746					536,207			
Other liabilities	12,883					19,674			
Stockholders' equity	234,222	_				251,242			
Total liabilities and stockholders' equity	\$ 2,578,986				\$	2,564,972			
Net interest income/net interest margin		\$	67,266	3.73%			\$	62,347	3.52%

⁽¹⁾ Interest income and net interest margin are expressed as a percentage of average interest-earning assets outstanding for the indicated periods. Interest expense is expressed as a percentage of average interest-bearing liabilities for the indicated periods.

⁽²⁾ For additional information, see Discussion and Analysis of Financial Condition – Borrowings.

Nine months ended September 30, 2022 vs. Nine months ended September 30, 2021

	Volume Rate						
	Volume	Rate	Net(1)				
Interest income:							
Loans	\$ (91)	\$ (476)	\$ (567)				
Securities:							
Taxable	1,669	2,357	4,026				
Tax-exempt	(19)	(24)	(43)				
Interest-earning balances with banks	(427)	419	(8)				
Total interest-earning assets	1,132	2,276	3,408				
Interest expense:							
Interest-bearing demand deposits	227	(886)	(659)				
Brokered deposits	(696)	(10)	(706)				
Savings deposits	17	(160)	(143)				
Time deposits	(778)	(786)	(1,564)				
Short-term borrowings	109	1,183	1,292				
Long-term debt	 128	141	269				
Total interest-bearing liabilities	(993)	(518)	(1,511)				
Change in net interest income	\$ 2,125	\$ 2,794	\$ 4,919				

⁽¹⁾ Changes in interest due to both volume and rate have been allocated on a pro-rata basis using the absolute ratio value of amounts calculated.

Noninterest Income

Noninterest income includes, among other things, fees generated from our deposit services, gain on call or sale of investment securities, gains and losses on sales of fixed assets and other real estate owned, swap termination fee income, servicing fees and fee income on serviced loans, interchange fees, income from bank owned life insurance, and changes in the fair value of equity securities. We expect to continue to develop new products that generate noninterest income and enhance our existing products, in order to diversify our revenue sources.

Three months ended September 30, 2022 vs. three months ended September 30, 2021. Total noninterest income decreased \$1.2 million, or 31.9%, to \$2.7 million for the three months ended September 30, 2022 compared to \$3.9 million for the three months ended September 30, 2021. The decrease in noninterest income is mainly attributable to a \$1.8 million decrease in swap termination fees, partially offset by a \$0.6 million increase in other operating income. The increase in other operating income compared to the three months ended September 30, 2021 is attributable to an increase in derivative fee income and a \$0.3 million increase in the net asset value of other investments, which represents unrealized net gains on investments in Small Business Investment Company qualified funds and other investment funds.

Nine months ended September 30, 2022 vs. nine months ended September 30, 2021. Total noninterest income increased \$4.5 million, or 43.9%, to \$14.9 million for the nine months ended September 30, 2021 compared to \$10.4 million for the nine months ended September 30, 2021. The increase in noninterest income is mainly attributable to a \$6.2 million increase in swap termination fee income and a \$0.5 million increase in service charges on deposit accounts, partially offset by a \$2.3 million gain on call or sale of investment securities recorded in the nine months ended September 30, 2021.

Swap termination fees were recorded during the nine months ended September 30, 2022 when we voluntarily terminated a number of interest rate swap agreements in response to market conditions. We had no remaining current or forward starting interest rate swap agreements at September 30, 2022.

Noninterest Expense

Three months ended September 30, 2022 vs. three months ended September 30, 2021. Total noninterest expense was \$16.0 million for the three months ended September 30, 2022, a decrease of \$0.4 million, or 2.5%, compared to the same period in 2021. The decrease is primarily attributable to \$0.4 million in acquisition expenses related to the April 2021 acquisition of Cheaha Financial Group recorded in the three months ended September 30, 2021 and a \$0.4 million decrease in salaries and employee benefits, partially offset by increases in occupancy expense of \$0.2 million and other operating expenses of \$0.2 million, respectively. The decrease in salaries and employee benefits compared to the same period in 2021 is primarily due to a decrease in health insurance claims. The increase in other operating expenses was driven by an increase in collection and repossession expenses, the majority of which is related to one impaired loan relationship impacted by Hurricane Ida.

Nine months ended September 30, 2022 vs. nine months ended September 30, 2021. Total noninterest expense was \$47.0 million for the nine months ended September 30, 2022, a decrease of \$2.2 million, or 4.5%, compared to the same period in 2021. The decrease is primarily attributable to \$2.4 million in acquisition expenses related to the April 2021 acquisition of Cheaha Financial Group recorded in the nine months ended September 30, 2021 and a \$1.0 million decrease in salaries and employee benefits, partially offset by a \$0.7 million increase in other operating expenses. The decrease in salaries and employee benefits compared to the same period in 2021 is primarily due to a decrease in health insurance claims. The increase in other operating expenses was driven by an increase in collection and repossession expenses, the majority of which is related to one impaired loan relationship impacted by Hurricane Ida.

Income Tax Expense (Benefit)

We recorded an income tax expense of \$1.7 million for the three months ended September 30, 2022 and an income tax benefit of \$2.6 million for the three months ended September 30, 2021. The effective tax rate for the three months ended September 30, 2022 and 2021 was 18.9% and 21.0%, respectively. Income tax expense for the nine months ended September 30, 2022 and 2021 was \$6.8 million and \$0.3 million, respectively. The effective tax rate for both the nine months ended September 30, 2022 and 2021 was 20.1%.

For the three and nine months ended September 30, 2022, the effective tax rate differs from the statutory tax rate of 21% primarily due to tax exempt interest income earned on certain loans, investment securities, and bank owned life insurance. For the nine months ended September 30, 2021, the effective tax rate differs from the statutory tax rate of 21% primarily due to tax exempt interest income earned on certain investment securities and bank owned life insurance.

Risk Management

The primary risks associated with our operations are credit, interest rate and liquidity risk. Higher inflation also presents risk. Credit, inflation and interest rate risk are discussed below, while liquidity risk is discussed in this section under the heading *Liquidity and Capital Resources* below.

Credit Risk and the Allowance for Loan Losses

General. The risk of loss should a borrower default on a loan is inherent in any lending activity. Our portfolio and related credit risk are monitored and managed on an ongoing basis by our risk management department, the board of directors' loan committee and the full board of directors. We utilize a ten point risk-rating system, which assigns a risk grade to each borrower based on a number of quantitative and qualitative factors associated with a loan transaction. The risk grade categorizes the loan into one of five risk categories, based on information about the ability of borrowers to service the debt. The information includes, among other factors, current financial information about the borrower, historical payment experience, credit documentation, public information and current economic trends. These categories assist management in monitoring our credit quality. The following describes each of the risk categories, which are consistent with the definitions used in guidance promulgated by federal banking regulators.

• Pass (grades 1-6) – Loans not falling into one of the categories below are considered pass. These loans have high credit characteristics and financial strength. The borrowers at least generate profits and cash flow that are in line with peer and industry standards and have debt service

coverage ratios above loan covenants and our policy guidelines. For some of these loans, a guaranty from a financially capable party mitigates characteristics of the borrower that might otherwise result in a lower grade.

- Special Mention (grade 7) Loans classified as special mention possess some credit deficiencies that need to be corrected to avoid a greater risk of default in the future. For example, financial ratios relating to the borrower may have deteriorated. Often, a special mention categorization is temporary while certain factors are analyzed or matters addressed before the loan is re-categorized as either pass or substandard.
- Substandard (grade 8) Loans rated as substandard are inadequately protected by the current net worth and paying capacity of the borrower or the liquidation value of any collateral. If deficiencies are not addressed, it is likely that this category of loan will result in the Bank incurring a loss. Where a borrower has been unable to adjust to industry or general economic conditions, the borrower's loan is often categorized as substandard.
- Doubtful (grade 9) Doubtful loans are substandard loans with one or more additional negative factors that makes full collection of amounts outstanding, either through repayment or liquidation of collateral, highly questionable and improbable.
- Loss (grade 10) Loans classified as loss have deteriorated to such a point that it is not practicable to defer writing off the loan. For these loans, all efforts to remediate the loan's negative characteristics have failed and the value of the collateral, if any, has severely deteriorated relative to the amount outstanding. Although some value may be recovered on such a loan, it is not significant in relation to the amount borrowed.

At September 30, 2022 and December 31, 2021, there were no loans classified as loss. There were \$0.2 million of loans classified as doubtful at September 30, 2022, compared to \$0.7 million at December 31, 2021. At September 30, 2022 and December 31, 2021, there were \$20.0 million and \$46.8 million, respectively, of loans classified as substandard, and \$12.5 million and \$7.3 million, respectively, of loans classified as special mention.

An independent loan review is conducted annually, whether internally or externally, on at least 40% of commercial loans utilizing a risk-based approach designed to maximize the effectiveness of the review. Internal loan review is independent of the loan underwriting and approval process. In addition, credit analysts periodically review certain commercial loans to identify negative financial trends related to any one borrower, any related groups of borrowers, or an industry. All loans not categorized as pass are put on an internal watch list, with quarterly reports to the board of directors. In addition, a written status report is maintained by our special assets division for all commercial loans categorized as substandard or worse. We use this information in connection with our collection efforts.

If our collection efforts are unsuccessful, collateral securing loans may be repossessed and sold or, for loans secured by real estate, foreclosure proceedings initiated. The collateral is generally sold at public auction for fair market value, with fees associated with the foreclosure being deducted from the sales price. The purchase price is applied to the outstanding loan balance. If the loan balance is greater than the sales proceeds, the deficient balance is charged-off.

Allowance for Loan Losses. The allowance for loan losses is an amount that management believes will be adequate to absorb probable losses inherent in the entire loan portfolio. The appropriate level of the allowance is based on an ongoing analysis of the loan portfolio and represents an amount that management deems adequate to provide for inherent losses, including collective impairment as recognized under ASC 450, Contingencies. Collective impairment is calculated based on loans grouped by type. Another component of the allowance is losses on loans assessed as impaired under ASC 310, Receivables. The balance of these loans and their related allowance is included in management's estimation and analysis of the allowance for loan losses. Other considerations in establishing the allowance for loan losses include the nature and volume of the loan portfolio, overall portfolio quality, historical loan loss, review of specific problem loans and current economic conditions that may affect our borrowers' ability to pay, as well as trends within each of these factors. The allowance for loan losses is established after input from management as well as our risk management department and our special assets committee. We evaluate the adequacy of the allowance for loan losses on a quarterly basis. This evaluation is inherently subjective as it requires estimates that are susceptible to significant revision as more information becomes available. The allowance for loan losses was \$23.2 million and \$20.9 million at September 30, 2022 and December 31, 2021, respectively.

A loan is considered impaired when, based on current information and events, it is probable that we will be unable to collect the scheduled payments of principal and interest when due according to the contractual terms of the loan agreement. Determination of impairment is treated the same across all classes of loans. Impairment is measured on a loan-by-loan basis for, among others, all loans of \$500,000 or greater, nonaccrual loans and a sample of loans between \$250,000 and \$500,000. When we identify a loan as impaired, we measure the extent of the impairment based on the present value of expected future cash flows, discounted at the loan's effective interest rate, except when the sole (remaining) source of repayment for the loans is the operation or liquidation of the collateral. In these cases when foreclosure is probable, we use the current fair value of the collateral, less selling costs, instead of discounted cash flows. For real estate collateral, the fair value of the collateral is based upon a recent appraisal by a qualified and licensed appraiser. If we determine that the value of the impaired loan is less than the recorded investment in the loan (net of previous charge-offs, deferred loan fees or costs and unamortized premium or discount), we recognize impairment through an allowance estimate or a charge-off recorded against the allowance. When the ultimate collectability of the total principal of an impaired loan is not in doubt and the loan is on nonaccrual, contractual interest is credited to interest income when received, under the cash basis method.

Impaired loans at September 30, 2022, which include TDRs and nonaccrual loans individually evaluated for impairment for purposes of determining the allowance for loan losses, were \$14.8 million compared to \$32.8 million at December 31, 2021. At September 30, 2022 and December 31, 2021, \$0.2 million and \$0.6 million, respectively, of the allowance for loan losses was specifically allocated to impaired loans.

The provision for loan losses is a charge to expense in an amount that management believes is necessary to maintain an adequate allowance for loan losses. The provision is based on management's regular evaluation of current economic conditions in our specific markets as well as regionally and nationally, changes in the character and size of the loan portfolio, underlying collateral values securing loans, and other factors which deserve recognition in estimating loan losses. For the nine months ended September 30, 2022 and 2021, the provision for loan losses was \$1.7 million and \$22.2 million, respectively. The provision for loan losses for the nine months ended September 30, 2021 includes a \$21.6 million impairment charge related to one loan relationship impacted by Hurricane Ida.

Acquired loans that are accounted for under ASC 310-30, Loans and Debt Securities Acquired with Deteriorated Credit Quality ("ASC 310-30"), were marked to market on the date we acquired the loans to values which, in management's opinion, reflected the estimated future cash flows, based on the facts and circumstances surrounding each respective loan at the date of acquisition. We continually monitor these loans as part of our normal credit review and monitoring procedures for changes in the estimated future cash flows. Because ASC 310-30 does not permit carry over or recognition of an allowance for loan losses, we may be required to reserve for these loans in the allowance for loan losses through future provision for loan losses if future cash flows deteriorate below initial projections. There was no provision for loan losses charged to operating expense attributable to loans accounted for under ASC 310-30 for the nine months ended September 30, 2022 and 2021.

The following table presents the allocation of the allowance for loan losses by loan category and the percentage of loans in each loan category to total loans as of the dates indicated (dollars in thousands).

		Septembei	r 30, 2022	December	31, 2021
			% of Loans in		% of Loans in
	Allowa	ance for	each Category	Allowance for	each Category
	Loan	Losses	to Total Loans	Loan Losses	to Total Loans
Mortgage loans on real estate:					
Construction and development	\$	2,703	11.0%	\$ 2,347	10.9%
1-4 Family		3,832	19.5	3,337	19.4
Multifamily		670	2.9	673	3.2
Farmland		123	0.7	383	1.1
Commercial real estate		9,990	45.4	9,354	47.9
Commercial and industrial		5,416	19.8	4,411	16.6
Consumer		430	0.7	354	0.9
Total	\$	23,164	100%	\$ 20,859	100%

The following table presents the amount of the allowance for loan losses allocated to each loan category as a percentage of total loans as of the dates indicated.

	September 30,	
	2022	December 31, 2021
Mortgage loans on real estate:		
Construction and development	0.13%	0.12%
1-4 Family	0.19	0.18
Multifamily	0.03	0.04
Farmland	0.01	0.02
Commercial real estate	0.50	0.50
Commercial and industrial	0.27	0.23
Consumer	0.02	0.02
Total	1.15%	1.11%

As discussed above, the balance in the allowance for loan losses is principally influenced by the provision for loan losses and net loan loss experience. Additions to the allowance are charged to the provision for loan losses. Losses are charged to the allowance as incurred and recoveries on losses previously charged to the allowance are credited to the allowance at the time the recovery is collected.

The table below reflects the activity in the allowance for loan losses and key ratios for the periods indicated (dollars in thousands).

	Tl	ree months en		September	N	ine months er	ded September 0,		
		2022		2021		2022		2021	
Allowance at beginning of period	\$	21,954	\$	20,445	\$	20,859	\$	20,363	
Provision for loan losses		1,162		21,713		1,654		22,227	
Net recoveries (charge-offs)		48		(21,591)		651		(22,023)	
Allowance at end of period	\$	23,164	\$	20,567	\$	23,164	\$	20,567	
Total loans - period end		2,005,677		1,880,658		2,005,677		1,880,658	
Nonaccrual loans - period end		12,719		32,803		12,719		32,803	
Key ratios:									
Allowance for loan losses to total loans - period end		1.15%)	1.09%		1.15%)	1.09%	
Allowance for loan losses to nonaccrual loans - period end		182.12%)	62.70%		182.12%	,)	62.70%	
Nonaccrual loans to total loans - period end		0.63%)	1.74%		0.63%))	1.74%	
	56								

The allowance for loan losses to total loans increased to 1.15% at September 30, 2022 compared to 1.09% at September 30, 2021, and the allowance for loan losses to nonaccrual loans ratio increased to 182% at September 30, 2022 compared to 63% at September 30, 2021. The increase in the allowance for loan losses to total loans compared to September 30, 2021, is primarily due to the increase in the allowance for loan losses during the nine months ended September 30, 2022. The increase in the allowance for loan losses to nonaccrual loans is due to the decrease in nonaccrual loans. Nonaccrual loans were \$12.7 million, or 0.63% of total loans, at September 30, 2022, a decrease of \$20.1 million compared to \$32.8 million, or 1.74% of total loans at September 30, 2021. The decrease in nonaccrual loans resulted primarily from the impairment charge recorded on one of the Company's loan relationships connected with Hurricane Ida in the third quarter of 2021. Many of the loans comprising the total relationship were placed on nonaccrual following the impairment.

The following table presents the allocation of net (charge-offs) recoveries by loan category for the periods indicated (dollars in thousands).

		Three months ended September 30,								
		2022				2021				
	Rec	-		Average Balance	Ratio of Net Charge-offs to Average Loans	Net Recoveries (Charge-offs)		Average Balance	Ratio of Net Charge-offs to Average Loans	
Mortgage loans on real estate:										
Construction and development	\$	6	\$	220,316	(0.00)%	\$ 6	\$	216,225	(0.00)%	
1-4 Family		5		388,174	(0.00)	(49)		370,302	0.01	
Multifamily		_		57,635	_	_		59,662	_	
Farmland		67		14,881	(0.45)	_		22,031	_	
Commercial real estate		(21)		890,204	0.00	(10,220)		879,010	1.16	
Commercial and industrial		14		369,137	(0.00)	(11,316)		355,023	3.19	
Consumer		(23)		14,146	0.16	(12)		21,707	0.06	
Total	\$	48	\$	1,954,493	(0.00)%	\$ (21,591)	\$	1,923,960	1.12%	

	Nine months ended September 30,								
				2022				2021	
		ecoveries ege-offs)		Average Balance	Ratio of Net Charge-offs to Average Loans	Net Recoveries (Charge-offs)	Average Balance		Ratio of Net Charge-offs to Average Loans
Mortgage loans on real estate:									
Construction and development	\$	27	\$	212,680	(0.01)%	\$ 8	\$	212,278	(0.00)%
1-4 Family		107		375,624	(0.03)	(163)		351,131	0.05
Multifamily		_		56,251	_	_		61,129	_
Farmland		13		16,946	(0.08)	(13)		23,648	0.05
Commercial real estate		39		891,786	(0.00)	(10,217)		862,700	1.18
Commercial and industrial		563		336,420	(0.17)	(11,600)		374,705	3.10
Consumer		(98)		15,243	0.64	(38)		21,901	0.17
Total	\$	651	\$	1,904,950	(0.03)%	\$ (22,023)	\$	1,907,492	1.15%

Charge-offs reflect the realization of losses in the portfolio that were recognized previously through the provision for loan losses. Net charge-offs include recoveries of amounts previously charged off. For the three months ended September 30, 2022, net recoveries were \$48,000, or less than 0.01% of the average loan balance for the period, and for the nine months ended September 30, 2022, net recoveries were \$0.7 million, or 0.03% of the average loan balance for the period. Net charge-offs for the three and nine months ended September 30, 2021 were \$21.6 million and \$22.0 million, respectively, equal to 1.12% and 1.15%, respectively, of the average loan balance for each period. The decrease in net charge-offs was due to charge-offs of \$21.6 million in the third quarter of 2021 due to the impairment charge related to one loan relationship impacted by Hurricane Ida.

Management believes the allowance for loan losses at September 30, 2022 is sufficient to provide adequate protection against losses in our portfolio. Although the allowance for loan losses is considered adequate by management, there can be no assurance that this allowance will prove to be adequate over time to cover ultimate losses in connection with our loans. This allowance may prove to be inadequate due to the scope and duration of the COVID-19 pandemic and its continued influence on the economy, inflation, higher interest rates, other unanticipated adverse changes in the economy, or discrete events adversely affecting specific customers or industries. Our results of operations and financial condition could be materially adversely affected to the extent that the allowance is insufficient to cover such changes or events.

Nonperforming Assets and Restructured Loans. Nonperforming assets consist of nonperforming loans and other real estate owned. Nonperforming loans are those on which the accrual of interest has stopped or loans which are contractually 90 days past due on which interest continues to accrue. Loans are ordinarily placed on nonaccrual when a loan is specifically determined to be impaired or when principal and interest is delinquent for 90 days or more. Additionally, management may elect to continue the accrual when the estimated net available value of collateral is sufficient to cover the principal balance and accrued interest. It is our policy to discontinue the accrual of interest income on any loan for which we have reasonable doubt as to the payment of interest or principal. A loan may be returned to accrual status when all the principal and interest amounts contractually due are brought current and future principal and interest amounts contractually due are reasonably assured, which is typically evidenced by a sustained period of repayment performance by the borrower. Nonperforming loans were \$13.1 million, or 0.65% of total loans, at September 30, 2022, a decrease of \$16.4 million compared to \$29.5 million, or 1.58% of total loans, at December 31, 2021. The decrease in nonperforming loans compared to December 31, 2021 is mainly attributable to large paydowns and a reclassification to other real estate owned, net on one loan relationship impacted by Hurricane Ida.

Another category of assets which contributes to our credit risk is troubled debt restructurings ("TDRs"), or restructured loans. A restructured loan is a loan for which a concession that is not insignificant has been granted to the borrower due to a deterioration of the borrower's financial condition and which is performing in accordance with the new terms. Such concessions may include reduction in interest rates, deferral of interest or principal payments, principal forgiveness and other actions intended to minimize the economic loss and to avoid foreclosure or repossession of the collateral. We strive to identify borrowers in financial difficulty early and work with them to modify their loans to more affordable terms before such loan reaches nonaccrual status. In evaluating whether to restructure a loan, management analyzes the long-term financial condition of the borrower, including guarantor and collateral support, to determine whether the proposed concessions will increase the likelihood of repayment of principal and interest. Restructured loans that are not performing in accordance with their restructured terms that are either contractually 90 days past due or placed on nonaccrual status are reported as nonperforming loans.

There were 21 credits classified as TDRs at September 30, 2022 with a total aggregate balance of \$4.9 million, compared to 29 credits with a total aggregate balance of \$10.5 million at December 31, 2021. At September 30, 2022, 12 of the restructured loans were considered TDRs due to modification of terms through adjustments to maturity, four of the restructured loans were considered TDRs due to a reduction in the interest rate to a rate lower than the current market rate, three restructured loans were considered TDRs due to principal payment forbearance, paying interest only for a specified period of time, and two of the restructured loans were considered TDRs due to principal and interest forbearance.

As of September 30, 2022 and December 31, 2021, none of the TDRs were in default of their modified terms and included in nonaccrual loans. The Company individually evaluates each TDR for allowance purposes, primarily based on collateral value, and excludes these loans from the loan population that is collectively evaluated for impairment.

Other Real Estate Owned. Other real estate owned consists of properties acquired through foreclosure or acceptance of a deed in lieu of foreclosure. These properties are carried at the lower of cost or fair market value based on appraised value, less estimated selling costs. Losses arising at the time of foreclosure of properties are charged to the allowance for loan losses. Other real estate owned with a cost basis of \$2.7 million and \$4.2 million was sold during the three and nine months ended September 30, 2022, respectively, resulting in gains of \$0.1 million and \$7,000, respectively for the periods. Other real estate owned with a cost basis of \$0.9 million was sold during the three and nine months ended September 30, 2021, resulting in a loss of \$5,000 for the nine months ended September 30, 2021. No loss was recognized for the three months ended September 30, 2021. At September 30, 2022, approximately \$0.1 million of loans secured by real estate were in the process of foreclosure.

The table below provides details of our other real estate owned as of the dates indicated (dollars in thousands).

	Septe	September 30,		
		2022	December 31, 2021	
1-4 Family	\$	682	\$	168
Commercial real estate		1,644		2,485
Total other real estate owned	\$	2,326	\$	2,653

Changes in our other real estate owned are summarized in the table below for the periods indicated (dollars in thousands).

	Ni	Nine months ended September 30,			
		2022		2021	
Balance, beginning of period	\$	2,653	\$	663	
Additions		3,317		855	
Transfers from bank premises and equipment		525		_	
Sales of other real estate owned		(4,169)		(883)	
Balance, end of period	\$	2,326	\$	635	

For the nine months ended September 30, 2022, additions to other real estate owned were primarily related to acquired loans and one impaired loan relationship impacted by Hurricane Ida. For the nine months ended September 30, 2022, sales of other real estate owned were primarily related to previously closed branch locations.

Impact of Inflation. Inflation reached a near 40-year high in late 2021 primarily due to effects of the ongoing pandemic and continues to be high in 2022. When the rate of inflation accelerates, there is an erosion of consumer and customer purchasing power. Accordingly, this could impact our business by reducing our tolerance for extending credit, and our customer's desire to obtain credit, or causing us to incur additional provisions for loan losses resulting from a possible increased default rate. Inflation may lead to lower loan re-financings. Inflation may also increase the costs of goods and services we purchase, including the costs of salaries and benefits. In response to higher inflation, the Federal Reserve has increased interest rates multiple times in 2022. For additional information, see Certain Events that Affect Year-Over-Year Comparability – Federal Funds Target Rate above, see Interest Rate Risk below, and Item 1A. "Risk Factors – Risks Related to our Business – Changes in interest rates could have an adverse effect on our profitability," in our Annual Report.

Interest Rate Risk

Market risk is the risk of loss from adverse changes in market prices and rates. Since the majority of our assets and liabilities are monetary in nature, our market risk arises primarily from interest rate risk inherent in our lending and deposit activities. A sudden and substantial change in interest rates may adversely impact our earnings and profitability because the interest rates borne by assets and liabilities do not change at the same speed, to the same extent, or on the same basis. Accordingly, our ability to proactively structure the volume and mix of our assets and liabilities to address anticipated changes in interest rates, as well as to react quickly to such fluctuations, can significantly impact our financial results. To that end, management actively monitors and manages our interest rate risk exposure.

The Asset/Liability Committee ("ALCO") has been authorized by the board of directors to implement our asset/liability management policy, which establishes guidelines with respect to our exposure to interest rate fluctuations, liquidity, loan limits as a percentage of funding sources, exposure to correspondent banks and brokers and reliance on non-core deposits. The goal of the policy is to enable us to maximize our interest income and maintain our net interest margin without exposing the Bank to excessive interest rate risk, credit risk and liquidity risk. Within that framework, the ALCO monitors our interest rate sensitivity and makes decisions relating to our asset/liability composition. Net interest income simulation is the Bank's primary tool for benchmarking near term earnings exposure. Given the ALCO's objective to understand the potential risk/volatility embedded within the current mix of assets and liabilities, standard rate scenario simulations assume total assets remain static (i.e. no growth). The Bank may also use a standard gap report in its interest rate risk management process. The primary use for the gap report is to provide supporting detailed information to the ALCO's discussion. The Bank has particular concerns with the utility of the gap report as a risk management tool because of difficulties in relating gap directly to changes in net interest income. Hence, the income simulation is the key indicator for earnings-at-risk since it expressly measures what the gap report attempts to estimate.

Short term interest rate risk management tactics are decided by the ALCO where risk exposures exist out into the 1 to 2 year horizon. Tactics are formulated and presented to the ALCO for discussion, modification, and/or approval. Such tactics may include asset and liability acquisitions of appropriate maturities in the cash market, loan and deposit product/pricing strategy modification, and derivatives hedging activities to the extent such activity is authorized by the board of directors.

Since the impact of rate changes due to mismatched balance sheet positions in the short-term can quickly and materially affect the current year's income statement, they require constant monitoring and management.

Within the gap position that management directs, we attempt to structure our assets and liabilities to minimize the risk of either a rising or falling interest rate environment. We manage our gap position for time horizons of one month, two months, three months, 4-6 months, 7-12 months, 13-24 months, 25-36 months, 37-60 months and more than 60 months. The goal of our asset/liability management is for the Bank to maintain a net interest income at risk in an up or down 100 basis point environment at less than (5)%. At September 30, 2022, the Bank was within the policy guidelines for asset/liability management.

The table below depicts the estimated impact on net interest income of immediate changes in interest rates at the specified levels.

As of September 30, 2022

Changes in Interest Rates (in basis points)	Estimated Increase/Decrease in Net Interest Income(1)
+300	(6.6)%
+200	(4.4)%
+100	(2.0)%
-100	(0.1)%

(1) The percentage change in this column represents the projected net interest income for 12 months on a flat balance sheet in a stable interest rate environment versus the projected net interest income in the various rate scenarios.

The computation of the prospective effects of hypothetical interest rate changes requires numerous assumptions regarding characteristics of new business and the behavior of existing positions. These business assumptions are based upon our experience, business plans and published industry experience. Key assumptions include asset prepayment speeds, competitive factors, the relative price sensitivity of certain assets and liabilities, and the expected life of non-maturity deposits. However, there are a number of factors that influence the effect of interest rate fluctuations on us which are difficult to measure and predict. For example, a rapid drop in interest rates might cause our loans to repay at a more rapid pace and certain mortgage-related investments to prepay more quickly than projected. This could mitigate some of the benefits of falling rates as are expected when we are in a negatively-gapped position. Conversely, a rapid rise in rates could give us an opportunity to increase our margins and stifle the rate of repayment on our mortgage-related loans which would increase our returns; however, we may need to increase the rates we offer to maintain or increase deposits, which would adversely impact our margins. As a result, because these assumptions are inherently uncertain, actual results will differ from simulated results.

Liquidity and Capital Resources

Liquidity. Liquidity is a measure of the ability to fund loan commitments and meet deposit maturities and withdrawals in a timely and cost-effective way. Cash flow requirements can be met by generating net income, attracting new deposits, converting assets to cash or borrowing funds. While maturities and scheduled amortization of loans and securities are predictable sources of funds, deposit outflows, loan prepayments, loan sales and borrowings are greatly influenced by general interest rates, economic conditions and the competitive environment in which we operate. To minimize funding risks, we closely monitor our liquidity position through periodic reviews of maturity profiles, yield and rate behaviors, and loan and deposit forecasts. Excess short-term liquidity is usually invested in overnight federal funds sold.

Our core deposits, which are deposits excluding time deposits greater than \$250,000 and deposits of municipalities and other political entities, are our most stable source of liquidity to meet our cash flow needs due to the nature of the long-term relationships generally established with our customers. Maintaining the ability to acquire these funds as needed in a variety of markets, and within ALCO compliance targets, is essential to ensuring our liquidity. At September 30, 2022 and December 31, 2021, 74% and 81% of our total assets, respectively, were funded by core deposits.

Our investment portfolio is another alternative for meeting our cash flow requirements. Investment securities generate cash flow through principal payments and maturities, and they generally have readily available markets that allow for their conversion to cash. Some securities are pledged to secure certain deposit types or short-term borrowings, such as FHLB advances, which impacts their liquidity. At September 30, 2022, securities with a carrying value of \$133.3 million were pledged to secure certain deposits, borrowings, and other liabilities, compared to \$118.2 million in pledged securities at December 31, 2021.

Other sources available for meeting liquidity needs include advances from the FHLB, repurchase agreements and other borrowings. FHLB advances are primarily used to match-fund fixed rate loans in order to minimize interest rate risk and also may be used to meet day to day liquidity needs, particularly if the prevailing interest rate on an FHLB advance compares favorably to the rates that we would be required to pay to attract deposits. At September 30, 2022, the balance of our outstanding advances with the FHLB was \$333.1 million, an increase from \$78.5 million at December 31, 2021. The total amount of the remaining credit available to us from the FHLB at September 30, 2022 was \$562.8 million. At September 30, 2022, our FHLB borrowings were collateralized by approximately \$905.8 million of our loan portfolio and \$0.6 million of our investment securities.

Repurchase agreements are contracts for the sale of securities which we own with a corresponding agreement to repurchase those securities at an agreed upon price and date. Our policies limit the use of repurchase agreements to those collateralized by investment securities. We had no repurchase agreements outstanding at September 30, 2022 compared to \$5.8 million of repurchase agreements outstanding at December 31, 2021.

We maintain unsecured lines of credit with other commercial banks totaling \$60.0 million. These lines of credit are federal funds lines of credit and are used for overnight borrowing only. The lines of credit mature at various times within the next year. The total amount of the remaining credit available to us from federal funds lines of credit at September 30, 2022 was \$59.8 million.

In addition, at September 30, 2022 and December 31, 2021, we had \$45.0 million and \$43.6 million in aggregate principal amount of subordinated debt outstanding. In April 2022, we completed a private placement of \$20.0 million in aggregate principal amount of our 2032 Notes, and used the majority of the proceeds to redeem \$18.6 million of our 2027 Notes in June 2022. See discussion above under Discussion and Analysis of Financial Condition – Borrowings – 2032 Notes. For additional information on our 2027 and 2029 Notes, see our Annual Report for the year ended December 31, 2021, Part II Item 7. "Management's Discussion and Analysis of Financial Condition – Borrowings – 2029 Notes and 2027 Notes" and Note 11 to the financial statements included in such report.

Our liquidity strategy is focused on using the least costly funds available to us in the context of our balance sheet composition and interest rate risk position. Accordingly, we target growth of noninterest-bearing deposits. Although we cannot directly control the types of deposit instruments our customers choose, we can influence those choices with the interest rates and deposit specials we offer. At September 30, 2022 and December 31, 2021, we held no brokered deposits, as defined for federal regulatory purposes. The Bank has historically used brokered deposits to satisfy the required borrowings under its interest rate swap agreements. We hold QwickRate® deposits, included in our time deposit balances, which we obtain through a qualified network to address liquidity needs when rates on such deposits compare favorably with deposit rates in our markets. At September 30, 2022, we held \$33.5 million of QwickRate® deposits, a decrease compared to \$63.8 million at December 31, 2021.

The following table presents, by type, our funding sources, which consist of total average deposits and borrowed funds, as a percentage of total funds and the total cost of each funding source for the three and nine months ended September 30, 2022 and 2021.

	Percentage of Total Average Deposits and Borrowed Funds Three months ended September 30,		rowed Funds e months ended Average Deposits and Borrowed Funds Nine months ended		Cost of For	s ended	Cost of Funds Nine months ended September 30,		
•	2022	2021	2022	2021	2022	2021	2022	2021	
Noninterest-bearing demand									
deposits	26%	24%	26%	24%	%	<u> </u>	<u>%</u>	<u> </u>	
Interest-bearing demand									
deposits	37	37	40	36	0.27	0.26	0.19	0.32	
Brokered deposits	_	5	_	4	_	0.93	0.41	0.97	
Savings accounts	7	7	8	7	0.05	0.15	0.05	0.17	
Time deposits	17	21	17	23	0.70	0.73	0.60	0.86	
Short-term borrowings	8	_	3	_	2.40	0.21	2.09	0.20	
Long-term borrowed funds	5	6	6	6	3.38	3.26	3.41	3.27	
Total deposits and borrowed funds	100%	100%	100%	100%	0.59%	0.48%	0.45%	0.55%	

Capital Management. Our primary sources of capital include retained earnings, capital obtained through acquisitions, and proceeds from the sale of our capital stock and subordinated debt. We may issue additional common stock and debt securities from time to time to fund acquisitions and support our organic growth. As noted above, during the nine months ended September 30, 2022, we refinanced our 2027 Notes.

During the nine months ended September 30, 2022, the Company paid \$2.6 million in dividends, compared to \$2.3 million during the nine months ended September 30, 2021. The Company declared dividends on its common stock of \$0.27 per share during the nine months ended September 30, 2022 compared to dividends of \$0.23 per share during the nine months ended September 30, 2021. Our board of directors has authorized a share repurchase program and approved an additional 400,000 shares of the Company's common stock for repurchase on April 21, 2022 and an additional 300,000 shares of the Company's common stock for repurchase on September 21, 2022. The Company had 396,912 shares of its common stock remaining authorized for repurchase under the program at September 30, 2022. During the nine months ended September 30, 2022, the Company paid \$10.3 million to repurchase 508,780 shares of its common stock, compared to paying \$6.9 million to repurchase 359,138 shares of its common stock during the nine months ended September 30, 2021.

We are subject to various regulatory capital requirements administered by the Federal Reserve and the OCC which specify capital tiers, including the following classifications for the Bank under the OCC's prompt corrective action regulations.

		Common Equity			
	Tier 1 Leverage	Tier 1 Capital	Tier 1 Capital	Total Capital	Ratio of Tangible
Capital Tiers(1)	Ratio	Ratio	Ratio	Ratio	to Total Assets
Well capitalized	5% or above	6.5% or above	8% or above	10% or above	
Adequately capitalized	4% or above	4.5% or above	6% or above	8% or above	
Undercapitalized	Less than 4%	Less than 4.5%	Less than 6%	Less than 8%	
Significantly undercapitalized	Less than 3%	Less than 3%	Less than 4%	Less than 6%	
Critically undercapitalized					2% or less

⁽¹⁾ In order to be well capitalized or adequately capitalized, a bank must satisfy each of the required ratios in the table. In order to be undercapitalized or significantly undercapitalized, a bank would need to fall below just one of the relevant ratio thresholds in the table. In order to be well capitalized, the Bank cannot be subject to any written agreement or order requiring it to maintain a specific level of capital for any capital measure.

The Company and the Bank each were in compliance with all regulatory capital requirements at September 30, 2022 and December 31, 2021. The Bank also was considered "well-capitalized" under the OCC's prompt corrective action regulations as of these dates.

The following table presents the actual capital amounts and regulatory capital ratios for the Company and the Bank as of the dates presented (dollars in thousands).

	Actual			Minimum Capital Requirement for Bank to be Well Capitalized Under Prompt Corrective Action Rules		
	Amount Ratio		Amount	Ratio		
September 30, 2022						
Investar Holding Corporation:						
Tier 1 leverage capital	\$	222,443	8.48%	\$ —	%	
Common equity tier 1 capital		212,943	9.65	_	_	
Tier 1 capital		222,443	10.08	_	_	
Total capital		290,112	13.15	_	_	
Investar Bank:						
Tier 1 leverage capital		257,707	9.84	130,944	5.00	
Common equity tier 1 capital		257,707	11.70	143,166	6.50	
Tier 1 capital		257,707	11.70	176,205	8.00	
Total capital		281,175	12.77	220,256	10.00	
December 31, 2021						
Investar Holding Corporation:						
Tier 1 leverage capital	\$	206,899	8.12%	\$ —	%	
Common equity tier 1 capital		197,399	9.45	_	_	
Tier 1 capital		206,899	9.90	_	_	
Total capital		271,416	12.99	_	_	
Investar Bank:						
Tier 1 leverage capital		244,541	9.60	127,313	5.00	
Common equity tier 1 capital		244,541	11.72	135,651	6.50	
Tier 1 capital		244,541	11.72	166,956	8.00	
Total capital		266,069	12.75	208,694	10.00	
	62					

Off-Balance Sheet Transactions

Swap Contracts. The Bank historically has entered into interest rate swap contracts, some of which are forward starting, to manage exposure against the variability in the expected future cash flows (future interest payments) attributable to changes in the 1-month LIBOR associated with the forecasted issuances of 1-month fixed rate debt arising from a rollover strategy. An interest rate swap is an agreement whereby one party agrees to pay a fixed rate of interest on a notional principal amount in exchange for receiving a floating rate of interest on the same notional amount for a predetermined period of time, from a second party. At September 30, 2022 the Company had no current or forward starting interest rate swap agreements. At December 31, 2021 the Company had no current interest rate swap agreements, and forward starting interest rate swap agreements with a total notional amount of \$115.0 million, all of which were designated as cash flow hedges. For additional information, see Note 7. Derivative Financial Instruments to the Notes to Consolidated Financial Statements contained in Part I Item 1. "Financial Statements" included herein.

During the nine months ended September 30, 2022, we voluntarily terminated our remaining interest rate swap agreements with a total notional amount of \$115.0 million in response to market conditions. In the third quarter of 2021, we voluntarily terminated interest rate swap agreements with a total notional amount of \$150.0 million in response to market conditions and as a result of excess liquidity. For the nine months ended September 30, 2022 and both the three and nine months ended September 30, 2021, unrealized gains of \$6.4 million and \$1.4 million, respectively, net of tax expenses of \$1.7 million and \$0.4 million, respectively, were reclassified from "Accumulated other comprehensive (loss) income" and recorded as "Swap termination fee income" in noninterest income in the accompanying consolidated statements of income (loss).

For the nine months ended September 30, 2022, a gain of \$4.3 million, net of a tax expense of \$1.2 million, has been recognized in "Other comprehensive (loss) income" in the accompanying consolidated statements of comprehensive (loss) income for the change in fair value of the interest rate swaps compared to a gain of \$0.5 million, net of a tax expense of \$0.1 million, and a gain of \$4.5 million, net of a tax expense of \$1.2 million, recognized for the three and nine months ended September 30, 2021, respectively.

The Company also enters into interest rate swap contracts that allow commercial loan customers to effectively convert a variable-rate commercial loan agreement to a fixed-rate commercial loan agreement. Under these agreements, the Company enters into a variable-rate loan agreement with a customer in addition to an interest rate swap agreement, which serves to effectively swap the customer's variable-rate loan into a fixed-rate loan. The Company then enters into a corresponding swap agreement with a third party in order to economically hedge its exposure through the customer agreement. The interest rate swaps with both the customers and third parties are not designated as hedges under FASB ASC Topic 815, *Derivatives and Hedging*, and are marked to market through earnings. As the interest rate swaps are structured to offset each other, changes to the underlying benchmark interest rates considered in the valuation of these instruments do not result in an impact to earnings; however, there may be fair value adjustments related to credit quality variations between counterparties, which may impact earnings as required by FASB ASC Topic 820, *Fair Value Measurements*. The Company did not recognize any gains or losses in other income resulting from fair value adjustments during the three and nine months ended September 30, 2022 and 2021.

Unfunded Commitments. The Bank enters into loan commitments and standby letters of credit in the normal course of its business. Loan commitments are made to meet the financing needs of our customers, while standby letters of credit commit the Bank to make payments on behalf of customers when certain specified future events occur. The credit risks associated with loan commitments and standby letters of credit are essentially the same as those involved in making loans to our customers. Accordingly, our normal credit policies apply to these arrangements. Collateral (e.g., securities, receivables, inventory, equipment, etc.) is obtained based on management's credit assessment of the customer. Loan commitments are also evaluated in a manner similar to the allowance for loan losses. The reserve for unfunded loan commitments is included in "Accrued taxes and other liabilities" in the accompanying consolidated balance sheets and was \$0.3 million and \$0.7 million at September 30, 2022 and December 31, 2021, respectively.

Loan commitments and standby letters of credit do not necessarily represent future cash requirements, in that while the customer typically has the ability to draw upon these commitments at any time, these commitments often expire without being drawn upon in full or at all. Virtually all of our standby letters of credit expire within one year. Our unfunded loan commitments and standby letters of credit outstanding are summarized below as of the dates indicated (dollars in thousands):

	September 30,		
	2022	December 31, 2021	
Loan commitments	\$ 370,372	\$	349,701
Standby letters of credit	15,348		18,259

The Company closely monitors the amount of remaining future commitments to borrowers in light of prevailing economic conditions and adjusts these commitments as necessary. The Company intends to continue this process as new commitments are entered into or existing commitments are renewed.

Additionally, at September 30, 2022, the Company had unfunded commitments of \$2.0 million for its investment in Small Business Investment Company qualified funds and other investment funds.

For the nine months ended September 30, 2022 and for the year ended December 31, 2021, except as disclosed herein and in the Company's Annual Report, we engaged in no off-balance sheet transactions that we believe are reasonably likely to have a material effect on our financial condition, results of operations, or cash flows.

Lease Obligations. The Company's primary leasing activities relate to certain real estate leases entered into in support of the Company's branch operations. The Company's branch locations operated under lease agreements have all been designated as operating leases. The Company does not lease equipment under operating leases, nor does it have leases designated as finance leases.

The following table presents, as of September 30, 2022, contractually obligated lease payments due under non-cancelable operating leases by payment date (dollars in thousands).

Less than one year	\$ 602
One to three years	1,020
Three to five years	710
Over five years	1,097
Total	\$ 3,429

Item 3. Quantitative and Qualitative Disclosures about Market Risk

Quantitative and qualitative disclosures about market risk as of December 31, 2021 are set forth in the Company's Annual Report in the section captioned "Management's Discussion and Analysis of Financial Condition and Results of Operations – Risk Management." Please refer to the information in Item 2. "Management's Discussion and Analysis of Financial Condition and Results of Operations," under the heading "Risk Management" in this report for additional information about the Company's market risk for the nine months ended September 30, 2022; except as discussed therein, there have been no material changes in the Company's market risk since December 31, 2021.

Item 4. Controls and Procedures

Based on their evaluation as of the end of the period covered by this quarterly report on Form 10-Q, the Company's Principal Executive Officer and Principal Financial Officer have concluded that our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended) are effective for ensuring that information the Company is required to disclose in the reports that it files or submits under the Securities Exchange Act of 1934, as amended, is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms.

There were no changes in the Company's internal control over financial reporting during the fiscal quarter covered by this quarterly report that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

PART II. OTHER INFORMATION

Item 1A. Risk Factors

For information regarding risk factors that could affect Investar Holding Corporation's (the "Company") results of operations, financial condition and liquidity, see the risk factors disclosed in the Annual Report. There have been no significant changes in our risk factors as described in such Annual Report.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

Unregistered Sales of Equity Securities

None.

Issuer Purchases of Equity Securities

The table below provides information with respect to purchases made by the Company of shares of its common stock during each of the months during the three month period ended September 30, 2022.

Period	(a) Total Number of Shares (or Units) Purchased(1)	` ,	verage Price per Share (or Unit)	(c) Total Number of Shares (or Units) Purchased as Part of Publicly Announced Plans or Programs(2)	(d) Maximum Number (or Approximate Dollar Value) of Shares (or Units) That May Be Purchased Under the Plans or Programs(2)
July 1, 2022 - July 31, 2022	68	\$	22.37		223,773
August 1, 2022 - August 31, 2022	90,549	-	21.91	90,413	133,360
September 1, 2022 - September 30, 2022	36,478		20.41	36,448	396,912
•	127,095	\$	21.48	126,861	396,912

⁽¹⁾ Includes 234 shares surrendered to cover the payroll taxes due upon the vesting of restricted stock.

Because we are a holding company with no material business activities, our ability to pay dividends is substantially dependent upon the ability of the Bank to transfer funds to us in the form of dividends, loans and advances. The Bank's ability to pay dividends and make other distributions and payments to us depends upon the Bank's earnings, financial condition, general economic conditions, compliance with regulatory requirements and other factors. In addition, the Bank's ability to pay dividends to us is itself subject to various legal, regulatory and other restrictions under federal banking laws that are described in Part I Item 1 "Business", of our Annual Report.

In addition, as a Louisiana corporation, we are subject to certain restrictions on dividends under the Louisiana Business Corporation Act. Generally, a Louisiana corporation may pay dividends to its shareholders unless, after giving effect to the dividend, either (1) the corporation would not be able to pay its debts as they come due in the usual course of business or (2) the corporation's total assets are less than the sum of its total liabilities and the amount that would be needed, if the corporation were to be dissolved at the time of the payment of the dividend, to satisfy the preferential rights of shareholders whose preferential rights are superior to those receiving the dividend. In addition, our existing and future debt agreements limit, or may limit, our ability to pay dividends. Under the terms of our 5.125% Fixed-to-Floating Rate Subordinated Notes due 2029, we may not pay a dividend if either we or the Bank, both immediately prior to the declaration of the dividend and after giving effect to the payment of the dividend, would not maintain regulatory capital ratios that are at "well capitalized" levels for regulatory capital purposes. We are also prohibited from paying dividends upon and during the continuance of any Event of Default under such notes. Under the terms of our 5.125% Fixed-to-Floating Rate Subordinated Notes due 2032, we are prohibited from paying dividends upon and during the continuance of any Event of Default under such notes. Finally, our ability to pay dividends may be limited on account of the junior subordinated debentures that we assumed through acquisitions. We must make payments on the junior subordinated debentures before any dividends can be paid on our common stock.

On April 21, 2022, the Company announced that its board of directors authorized the repurchase of an additional 400,000 shares of the Company's common stock under its stock repurchase plan, and on September 21, 2022, the Company announced that its board of directors authorized an additional 300,000 shares of the Company's common stock under its stock repurchase plan. As of November 2, 2022, the Company had 386,714 shares remaining as authorized for repurchase.

Item 6. Exhibits

Exhibit No.	Description of Exhibit
2.1	Agreement and Plan of Reorganization, dated January 21, 2021 by and among Investor Holding Corporation, Cheaha Financial Group, Inc. and High Point Acquisition, Inc.(1)
3.1	Restated Articles of Incorporation of Investar Holding Corporation(2).
3.2	Amended and Restated By-laws of Investar Holding Corporation(3)
4.1	Specimen Common Stock Certificate(4).
4.2	Indenture, dated March 24, 2017, by and between Investar Holding Corporation and Wilmington Trust, National Association, as Trustee(5).
4.3	Supplemental Indenture, dated March 24, 2017, by and between Investar Holding Corporation and Wilmington Trust, National Association, as Trustee(6).
4.4	Form of 5.125% Fixed to Fluctuation Rate Subordinated Note due 2029(7).
4.5	Form of Registration Rights Agreement, dated December 20, 2019, by and between Investar Holding Corporation and the purchasers set forth therein(8).
4.6	Indenture, dated April 6, 2022, by and among Investar Holding Corporation and UMB Bank, National Association, as trustee(9).
4.7	Form of 5.125% Fixed-to-Floating Rate Subordinated Note due 2032(10)
4.8	Form of Subordinated Note Purchase Agreement, dated April 6, 2022, by and among Investar Holding Corporation and the several purchasers identified on the signature pages thereto(11).
4.9	Form of Registration Rights Agreement, dated April 6, 2022, by and among Investar Holding Corporation and the several purchasers identified on the signature pages thereto(12).
31.1	Certification of the Principal Executive Officer, as required pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2	Certification of the Principal Financial Officer, as required pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32.1	Certification of the Principal Executive Officer, as required pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
32.2	Certification of the Principal Financial Officer, as required pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
101.INS	Inline XBRL Instance Document
101.SCH	Inline XBRL Taxonomy Extension Schema Document
101.CAL	Inline XBRL Taxonomy Extension Calculation Linkbase Document
101.LAB	Inline XBRL Taxonomy Extension Label Linkbase Document
101.PRE	Inline XBRL Taxonomy Extension Presentation Linkbase Document
101.DEF	Inline XBRL Taxonomy Extension Definition Linkbase Document
104	Cover Page Interactive Data File (formatted in Inline XBRL and contained in Exhibit 101)
(1) Filed	d as exhibit 2.1 to the Current Report on Form 8-K of the Company filed with the SEC on January 25, 2021 and incorporated herein by reference.

- (2) Filed as exhibit 3.1 to the Registration Statement on Form S-1 of the Company filed with the SEC on May 16, 2014 and incorporated herein by reference.
- Filed as exhibit 3.2 to the Registration Statement on Form S-4 of the Company filed with the SEC on October 10, 2017 and incorporated herein by reference.
- (4) Filed as exhibit 4.1 to the Registration Statement on Form S-1 of the Company filed with the SEC on May 16, 2014 and incorporated herein by reference.
- (5) Filed as exhibit 4.1 to the Current Report on Form 8-K filed with the SEC on March 24, 2017 and incorporated herein by reference.
- (6) Filed as exhibit 4.2 to the Current Report on Form 8-K filed with the SEC on March 24, 2017 and incorporated herein by reference.
- (7) Filed as exhibit 4.1 to the Current Report on Form 8-K filed with the SEC on November 14, 2019 and incorporated herein by reference.
- Filed as exhibit 4.1 to the Current Report on Form 8-K filed with the SEC on December 24, 2019 and incorporated herein by reference.
- Filed as exhibit 4.1 to the Current Report on Form 8-K filed with the SEC on April 7, 2022 and incorporated herein by reference.

- (10) Filed as exhibit 4.2 to the Current Report on Form 8-K filed with the SEC on April 7, 2022 and incorporated herein by reference.
- (11) Filed as exhibit 10.1 to the Current Report on Form 8-K filed with the SEC on April 7, 2022 and incorporated herein by reference.
- (12) Filed as exhibit 10.2 to the Current Report on Form 8-K filed with the SEC on April 7, 2022 and incorporated herein by reference.

The Company does not have any long-term debt instruments under which securities are authorized exceeding 10% of the total assets of the Company and its subsidiaries on a consolidated basis. The Company will furnish to the SEC, upon its request, a copy of all long-term debt instruments.

Date: November 2, 2022

Date: November 2, 2022

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

INVESTAR HOLDING CORPORATION

/s/ John J. D'Angelo

John J. D'Angelo

President and Chief Executive Officer

(Principal Executive Officer)

/s/ Christopher L. Hufft

Christopher L. Hufft Chief Financial Officer (Principal Financial Officer)

CERTIFICATIONS

I, John J. D'Angelo, certify that:

- 1. I have reviewed this quarterly report on Form 10-Q for the period ended September 30, 2022 of Investar Holding Corporation;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
- a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
- b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles.
- c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
- d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
- a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
- b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 2, 2022 /s/ John J. D'Angelo

John J. D'Angelo President and Chief Executive Officer (Principal Executive Officer)

CERTIFICATIONS

- I, Christopher L. Hufft, certify that:
 - 1. I have reviewed this quarterly report on Form 10-Q for the period ended September 30, 2022 of Investar Holding Corporation;
 - 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
 - 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
 - 4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to
 ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within
 those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles.
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
 - 5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 2, 2022 /s/ Christopher L. Hufft

Christopher L. Hufft Chief Financial Officer (Principal Financial Officer)

CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350 AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the quarterly report on Form 10-Q of Investar Holding Corporation (the "Company") for the period ended September 30, 2022 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, John J. D'Angelo, President and Chief Executive Officer of the Company, certify pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company as of and for the periods covered in the Report.

Date: November 2, 2022 /s/ John J. D'Angelo

John J. D'Angelo President and Chief Executive Officer (Principal Executive Officer)

CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350 AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the quarterly report on Form 10-Q of Investar Holding Corporation (the "Company") for the period ended September 30, 2022 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Christopher L. Hufft, Chief Financial Officer of the Company, certify pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company as of and for the periods covered in the Report.

Date: November 2, 2022 /s/ Christopher L. Hufft

Christopher L. Hufft Chief Financial Officer (Principal Financial Officer)