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

FORM 10-Q

(Mark one)

☒ **QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended September 30, 2022

or

☐ **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

Commission File Number 001-38456

Columbia Financial, Inc.
(Exact name of registrant as specified in its charter)

Delaware	**22-3504946**
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification Number)
19-01 Route 208 North, Fair Lawn, New Jersey	**07140**
(Address of principal executive offices)	(Zip Code)

(800) 522-4167
(Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading symbol(s)	Name of each exchange on which registered
Common Stock, $0.01 par value per share	CLBK	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days.
☒ Yes ☐ No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).
☒ Yes ☐ No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer", "smaller reporting company", and "emerging growth company" in Rule 12b-2 of the Exchange Act:

Large accelerated filer	☒	Accelerated filer	☐	Smaller reporting company	☐
Non-accelerated filer	☐	Emerging growth company	☐		

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).
☐ Yes ☒ No

As of November 4, 2022, there were 109,575,472 shares issued and outstanding of the Registrant's common stock, par value $0.01 per share (including 76,016,524 shares held by Columbia Bank, MHC).

COLUMBIA FINANCIAL, INC. AND SUBSIDIARIES
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COLUMBIA FINANCIAL, INC. AND SUBSIDIARIES

Consolidated Statements of Financial Condition
(In thousands, except share and per share data)

Assets	September 30, 2022 (Unaudited)	December 31, 2021
Cash and due from banks	$ 101,917	$ 70,702
Short-term investments	131	261
Total cash and cash equivalents	102,048	70,963
Debt securities available for sale, at fair value	1,371,721	1,703,847
Debt securities held to maturity, at amortized cost (fair value of $373,494 and $434,789 at September 30, 2022 and December 31, 2021, respectively)	425,077	429,734
Equity securities, at fair value	3,453	2,710
Federal Home Loan Bank stock	37,726	23,141
Loans receivable	7,326,223	6,360,601
Less: allowance for credit losses [(1)]	51,891	62,689
Loans receivable, net	7,274,332	6,297,912
Accrued interest receivable	30,152	28,300
Office properties and equipment, net	84,255	78,708
Bank-owned life insurance ("BOLI")	263,217	247,474
Goodwill and intangible assets	126,296	91,693
Other assets	293,894	249,615
Total assets	$ 10,012,171	$ 9,224,097
Liabilities and Stockholders' Equity		
Liabilities:		
Deposits	$ 8,064,893	$ 7,570,216
Borrowings	674,018	377,309
Advance payments by borrowers for taxes and insurance	44,463	36,471
Accrued expenses and other liabilities	199,152	161,020
Total liabilities	8,982,526	8,145,016
Stockholders' equity:		
Preferred stock, $0.01 par value. 10,000,000 shares authorized; none issued and outstanding at September 30, 2022 and December 31, 2021	—	—
Common stock, $0.01 par value. 500,000,000 shares authorized; 130,789,496 shares issued and 109,907,943 shares outstanding at September 30, 2022 and 124,630,738 shares issued and 107,442,453 shares outstanding at December 31, 2021	1,308	1,246
Additional paid-in capital	779,294	667,906
Retained earnings	835,627	765,133
Accumulated other comprehensive loss	(201,149)	(45,919)
Treasury stock, at cost; 20,881,553 shares at September 30, 2022 and 17,188,285 shares at December 31, 2021	(349,373)	(271,647)
Common stock held by the Employee Stock Ownership Plan	(35,322)	(37,026)
Stock held by Rabbi Trust	(3,010)	(2,425)
Deferred compensation obligations	2,270	1,813
Total stockholders' equity	1,029,645	1,079,081
Total liabilities and stockholders' equity	$ 10,012,171	$ 9,224,097

See accompanying notes to unaudited consolidated financial statements.

(1) The Company adopted ASU 2016-13 as of January 1, 2022. Prior year periods have not been restated.

COLUMBIA FINANCIAL, INC. AND SUBSIDIARIES

Consolidated Statements of Income
(In thousands, except per share data)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2022	2021	2022	2021
		(Unaudited)		
Interest income:				
Loans receivable	$ 68,516	$ 55,451	$ 187,400	$ 171,902
Debt securities available for sale and equity securities	8,434	7,622	25,741	21,521
Debt securities held to maturity	2,440	2,353	7,223	6,256
Federal funds and interest-earning deposits	151	167	245	310
Federal Home Loan Bank stock dividends	384	460	1,129	1,582
Total interest income	79,925	66,053	221,738	201,571
Interest expense:				
Deposits	6,968	6,673	16,326	23,403
Borrowings	3,806	2,028	7,028	5,996
Total interest expense	10,774	8,701	23,354	29,399
Net interest income	69,151	57,352	198,384	172,172
Provision for (reversal of) credit losses (1)	1,516	480	4,514	(2,561)
Net interest income after provision for (reversal of) credit losses	67,635	56,872	193,870	174,733
Non-interest income:				
Demand deposit account fees	1,510	986	4,129	2,682
Bank-owned life insurance	1,633	1,504	5,501	4,475
Title insurance fees	796	1,431	2,788	4,554
Loan fees and service charges	1,432	844	2,928	2,209
Gain on securities transactions	—	2,296	210	2,015
Change in fair value of equity securities	(264)	(443)	(332)	(1,809)
(Loss) gain on sale of loans	(1)	140	109	10,814
Other non-interest income	3,058	2,116	7,541	6,920
Total non-interest income	8,164	8,874	22,874	31,860
Non-interest expense:				
Compensation and employee benefits	31,523	24,512	86,393	71,506
Occupancy	5,973	4,846	16,838	14,912
Federal deposit insurance premiums	645	604	1,922	1,751
Advertising	771	662	2,215	1,860
Professional fees	2,134	1,766	5,727	5,207
Data processing and software expenses	3,670	2,798	10,036	8,181
Merger-related expenses	1,198	55	2,676	130
Loss on extinguishment of debt	—	—	—	742
Other non-interest expense, net	1,925	1,809	4,501	8,076
Total non-interest expense	47,839	37,052	130,308	112,365
Income before income tax expense	27,960	28,694	86,436	94,228
Income tax expense	7,041	7,712	22,154	25,513
Net income	$ 20,919	$ 20,982	$ 64,282	$ 68,715
Earnings per share-basic	$ 0.20	$ 0.20	$ 0.61	$ 0.66
Earnings per share-diluted	$ 0.19	$ 0.20	$ 0.61	$ 0.66
Weighted average shares outstanding-basic	106,926,864	102,977,254	105,440,345	104,486,520
Weighted average shares outstanding-diluted	107,534,498	102,977,254	106,040,240	104,486,520

See accompanying notes to unaudited consolidated financial statements.

(1) The Company adopted ASU 2016-13 as of January 1, 2022. Prior year periods have not been restated.

COLUMBIA FINANCIAL, INC. AND SUBSIDIARIES
Consolidated Statements of Comprehensive Income (Loss)
(In thousands)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2022	2021	2022	2021
	(Unaudited)			
Net income	$ 20,919	$ 20,982	$ 64,282	$ 68,715
Other comprehensive (loss) income, net of tax:				
Unrealized (loss) on debt securities available for sale	(47,155)	(9,943)	(142,643)	(22,189)
Accretion of unrealized (loss) on debt securities reclassified as held to maturity	(13)	(2)	(21)	—
Reclassification adjustment for gain included in net income	—	1,791	151	1,589
	(47,168)	(8,154)	(142,513)	(20,600)
Derivatives, net of tax:				
Unrealized gain on swap contracts accounted for as cash flow hedges	1,182	1,467	5,167	8,098
	1,182	1,467	5,167	8,098
Employee benefit plans, net of tax:				
Amortization of prior service cost included in net income	(11)	(10)	(31)	(31)
Reclassification adjustment of actuarial net (loss) included in net income	(244)	(1,089)	(732)	(3,267)
Change in funded status of retirement obligations	937	2,198	(17,121)	36,570
	682	1,099	(17,884)	33,272
Total other comprehensive (loss) income	(45,304)	(5,588)	(155,230)	20,770
Total comprehensive (loss) income, net of tax	$ (24,385)	$ 15,394	$ (90,948)	$ 89,485

See accompanying notes to unaudited consolidated financial statements.

COLUMBIA FINANCIAL, INC. AND SUBSIDIARIES

Consolidated Statements of Changes in Stockholders' Equity (Unaudited)
Three Months Ended September 30, 2022 and 2021
(In thousands)

	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive (Loss)	Treasury Stock	Common Stock Held by the Employee Stock Ownership Plan	Stock Held by Rabbi Trust	Deferred Compensation Obligations	Total Stockholders' Equity
Balance at June 30, 2022	$ 1,308	$ 776,542	$ 814,708	$ (155,845)	$ (325,723)	$ (35,895)	$ (2,878)	$ 2,067	$ 1,074,284
Net income	—	—	20,919	—	—	—	—	—	20,919
Other comprehensive (loss)	—	—	—	(45,304)	—	—	—	—	(45,304)
Stock based compensation	—	1,680	—	—	—	—	—	—	1,680
Purchase of treasury stock (874,080 shares)	—	—	—	—	(18,590)	—	—	—	(18,590)
Exercise of stock options (87,025 shares)	—	(253)	—	—	—	—	—	—	(253)
Restricted stock forfeitures (31,796 shares)	—	661	—	—	(661)	—	—	—	—
Repurchase shares for taxes (198,794 shares)	—	—	—	—	(4,399)	—	—	—	(4,399)
Employee Stock Ownership Plan shares committed to be released	—	664	—	—	—	573	—	—	1,237
Funding of deferred compensation obligations	—	—	—	—	—	—	(132)	203	71
Balance at September 30, 2022	$ 1,308	$ 779,294	$ 835,627	$ (201,149)	$ (349,373)	$ (35,322)	$ (3,010)	$ 2,270	$ 1,029,645

See accompanying notes to unaudited consolidated financial statements.

COLUMBIA FINANCIAL, INC. AND SUBSIDIARIES
Consolidated Statements of Changes in Stockholders' Equity (Unaudited)
Three Months Ended September 30, 2022 and 2021
(In thousands)

	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive (Loss)	Treasury Stock	Common Stock Held by the Employee Stock Ownership Plan	Stock Held by Rabbi Trust	Deferred Compensation Obligations	Total Stockholders' Equity
Balance at June 30, 2021	$ 1,220	$ 614,381	$ 720,817	$ (43,267)	$ (221,072)	$ (38,169)	$ (2,205)	$ 1,341	$ 1,033,046
Net income	—	—	20,982	—	—	—	—	—	20,982
Other comprehensive income	—	—	—	(5,588)	—	—	—	—	(5,588)
Stock based compensation	—	2,203	—	—	—	—	—	—	2,203
Purchase of treasury stock (1,163,500 shares)	—	—	—	—	(20,544)	—	—	—	(20,544)
Exercise of options (26,861 shares)	—	(26)	—	—	—	—	—	—	(26)
Restricted stock forfeitures (29,882 shares)	—	539	—	—	(539)	—	—	—	—
Repurchase shares for taxes (16,599 shares)	—	—	—	—	(292)	—	—	—	(292)
Employee Stock Ownership Plan shares committed to be released	—	451	—	—	—	572	—	—	1,023
Funding of deferred compensation obligations	—	—	—	—	—	—	(94)	166	72
Balance at September 30, 2021	$ 1,220	$ 617,548	$ 741,799	$ (48,855)	$ (242,447)	$ (37,597)	$ (2,299)	$ 1,507	$ 1,030,876

See accompanying notes to unaudited consolidated financial statements.

COLUMBIA FINANCIAL, INC. AND SUBSIDIARIES
Consolidated Statements of Changes in Stockholders' Equity (Unaudited)
Nine Months Ended September 30, 2022 and 2021
(In thousands)

	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive (Loss)	Treasury Stock	Common Stock Held by the Employee Stock Ownership Plan	Stock Held by Rabbi Trust	Deferred Compensation Obligations	Total Stockholders' Equity
Balance at December 31, 2021	$ 1,246	$ 667,906	$ 765,133	$ (45,919)	$ (271,647)	$ (37,026)	$ (2,425)	$ 1,813	$ 1,079,081
Effect of adopting ASU No. 2016-13 ("CECL")	—	—	6,212	—	—	—		—	6,212
Balance at January 1, 2022	1,246	667,906	771,345	(45,919)	(271,647)	(37,026)	(2,425)	1,813	1,085,293
Net income	—	—	64,282	—	—	—	—	—	64,282
Other comprehensive (loss)	—	—	—	(155,230)	—	—	—	—	(155,230)
Issuance of common stock to Columbia Bank MHC	61	102,680	—	—	—	—	—	—	102,741
Issuance of common stock allocated to restricted stock award grants (51,746 shares)	1	(1)	—	—	—	—	—	—	—
Stock based compensation	—	5,787	—	—	—	—	—	—	5,787
Purchase of treasury stock (3,420,747 shares)	—	—	—	—	(71,766)	—	—	—	(71,766)
Exercise of stock options (155,296 shares)	—	(445)	—	—	—	—	—	—	(445)
Restricted stock forfeitures (68,548 shares)	—	1,448	—	—	(1,448)	—	—	—	—
Repurchase shares for taxes (203,973 shares)	—	—	—	—	(4,512)	—	—	—	(4,512)
Employee Stock Ownership Plan shares committed to be released	—	1,919	—	—	—	1,704	—	—	3,623
Funding of deferred compensation obligations	—	—	—	—	—	—	(585)	457	(128)
Balance at September 30, 2022	$ 1,308	$ 779,294	$ 835,627	$ (201,149)	$ (349,373)	$ (35,322)	$ (3,010)	$ 2,270	$ 1,029,645

See accompanying notes to unaudited consolidated financial statements.

COLUMBIA FINANCIAL, INC. AND SUBSIDIARIES

Consolidated Statements of Changes in Stockholders' Equity (Unaudited)
Nine Months Ended September 30, 2022 and 2021
(In thousands)

	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive (Loss)	Treasury Stock	Common Stock Held by the Employee Stock Ownership Plan	Stock Held by Rabbi Trust	Deferred Compensation Obligations	Total Stockholders' Equity
Balance at December 31, 2020	$ 1,220	$ 609,531	$ 673,084	$ (69,625)	$ (163,015)	$ (39,293)	$ (1,875)	$ 1,260	$ 1,011,287
Net income	—	—	68,715	—	—	—	—	—	68,715
Other comprehensive income	—	—	—	20,770	—	—	—	—	20,770
Treasury stock allocated to restricted stock award grants	—	(733)	—	—	733	—	—	—	—
Stock based compensation	—	6,743	—	—	—	—	—	—	6,743
Purchase of treasury stock (4,633,540 shares)	—	—	—	—	(79,090)	—	—	—	(79,090)
Exercise of stock options (28,522 shares)	—	(25)	—	—	—	—	—	—	(25)
Restricted stock forfeitures (43,856 shares)	—	783	—	—	(783)	—	—	—	—
Repurchase shares for taxes (16,599 shares)	—	—	—	—	(292)	—	—	—	(292)
Employee Stock Ownership Plan shares committed to be released	—	1,249	—	—	—	1,696	—	—	2,945
Funding of deferred compensation obligations	—	—	—	—	—	—	(424)	247	(177)
Balance at September 30, 2021	$ 1,220	$ 617,548	$ 741,799	$ (48,855)	$ (242,447)	$ (37,597)	$ (2,299)	$ 1,507	$ 1,030,876

See accompanying notes to unaudited consolidated financial statements.

COLUMBIA FINANCIAL, INC. AND SUBSIDIARIES

Consolidated Statements of Cash Flows

	Nine Months Ended September 30,	
	2022	2021
	(In thousands, unaudited)	
Cash flows from operating activities:		
Net income	$ 64,282	$ 68,715
Adjustments to reconcile net income to net cash provided by operating activities:		
Amortization of deferred loan costs, fees and purchased premiums and discounts	4,748	16
Net amortization of premiums and discounts on securities	2,219	3,497
Net amortization of mortgage servicing rights	181	200
Amortization of intangible assets	1,369	774
Depreciation and amortization of office properties and equipment	5,456	5,019
Amortization of operating lease right-of-use assets	2,865	2,720
Loss on extinguishment of debt	—	742
Provision for (reversal of) credit losses	4,514	(2,561)
Gain on securities transactions	(210)	(2,015)
Change in fair value of equity securities	332	1,809
Gain on securitizations	—	(2,259)
Gain on sale of loans, net	(109)	(8,555)
Net loss on disposal of office properties and equipment	147	61
Deferred tax (benefit) expense	(3,487)	10,515
(Increase) decrease in accrued interest receivable	(942)	1,599
Decrease (increase) in other assets	2,114	(12,891)
Increase (decrease) in accrued expenses and other liabilities	24,951	(4,941)
Income on bank-owned life insurance	(5,501)	(4,475)
Employee stock ownership plan expense	3,623	2,945
Stock based compensation	5,787	6,743
Decrease in deferred compensation obligations under Rabbi Trust	(128)	(177)
Net cash provided by operating activities	112,211	67,481
Cash flows from investing activities:		
Proceeds from sales of debt securities available for sale	126,772	27,249
Proceeds from sales of equity securities	—	1,260
Proceeds from paydowns/maturities/calls of debt securities available for sale	226,887	257,347
Proceeds from paydowns/maturities/calls of debt securities held to maturity	27,645	29,616
Purchases of debt securities available for sale	(142,181)	(659,015)
Purchases of debt securities held to maturity	(23,298)	(175,491)
Purchases of equity securities	—	(91)
Proceeds from sales of loans held-for-sale	6,187	293,005
Purchases of loans receivable	—	(74,232)
Net increase in loans receivable	(639,970)	(208,260)
Proceeds from bank-owned life insurance death benefits	776	5
Proceeds from redemptions of Federal Home Loan Bank stock	60,176	7,661
Purchases of Federal Home Loan Bank stock	(73,855)	(4,793)
Proceeds from sales of office properties and equipment	1,009	685
Additions to office properties and equipment	(4,863)	(4,217)
Net cash acquired in acquisition	140,769	—
Net cash (used in) investing activities	$ (293,946)	$ (509,271)

COLUMBIA FINANCIAL, INC. AND SUBSIDIARIES

Consolidated Statements of Cash Flows (continued)

	Nine Months Ended September 30,	
	2022	2021
	(In thousands, unaudited)	
Cash flows from financing activities:		
Net (decrease) increase in deposits	$ (8,055)	$ 443,734
Proceeds from long-term borrowings	35,893	37,120
Payments on long-term borrowings	—	(54,168)
Net increase (decrease) in short-term borrowings	255,054	(33,427)
Increase in advance payments by borrowers for taxes and insurance	6,651	3,469
Exercise of stock options	(445)	(25)
Purchase of treasury stock	(71,766)	(79,090)
Repurchase of shares for taxes	(4,512)	(292)
Net cash provided by financing activities	$ 212,820	$ 317,321
Net increase (decrease) in cash and cash equivalents	$ 31,085	$ (124,469)
Cash and cash equivalents at beginning of year	70,963	422,957
Cash and cash equivalents at end of period	$ 102,048	$ 298,488
Cash paid during the period for:		
Interest on deposits and borrowings	$ 23,316	$ 29,544
Income tax payments, net of (refunds)	$ 13,229	$ 13,203
Non-cash investing and financing activities:		
Transfer of loans receivable to loans held-for-sale	$ 6,078	$ 280,304
Securitization of loans	—	99,603
Acquisition:		
Non-cash assets acquired:		
Debt securities available for sale	$ 79,024	$ —
Equity securities	1,075	—
Federal Home Loan Bank stock	906	—
Loans receivable	335,501	—
Accrued interest receivable	910	—
Office properties and equipment, net	7,296	—
Goodwill and intangibles	38,274	—
Deferred tax asset, net	3,633	—
Bank-owned life insurance	13,033	—
Other assets	2,723	—
Total non-cash assets acquired	$ 482,375	$ —
Liabilities assumed:		
Deposits	$ 502,732	$ —
Borrowings	5,762	—
Advance payments by borrowers for taxes and insurance	1,341	—
Accrued expenses and other liabilities	10,568	—
Total liabilities assumed	$ 520,403	$ —
Net non-cash liabilities assumed	$ (38,028)	$ —
Net cash and cash equivalents acquired in acquisition	$ 140,769	$ —

See accompanying notes to unaudited consolidated financial statements.

1. Basis of Financial Statement Presentation

The accompanying consolidated financial statements include the accounts of Columbia Financial, Inc. ("Columbia Financial"), its wholly-owned subsidiaries, Columbia Bank ("Columbia") and Freehold Bank ("Freehold") and Columbia's wholly-owned subsidiaries, Columbia Investment Services, Inc., 2500 Broadway Corp., 1901 Residential Management Co. LLC, Plaza Financial Services, Inc., First Jersey Title Services, Inc., Real Estate Management Corp. LLC, 1901 Commercial Management Co. LLC, Stewardship Realty LLC, CSB Realty Corp., RSI Insurance Agency, Inc., RSI Investment Corporation, and Highlander Investment Company (collectively, the “Company”). In consolidation, all intercompany accounts and transactions are eliminated.

Columbia Financial, Inc. is a majority-owned subsidiary of Columbia Bank, MHC (the "MHC"). The accounts of the MHC are not consolidated in the accompanying consolidated financial statements of the Company.

In preparing the interim unaudited consolidated financial statements, management is required to make estimates and assumptions that affect the reported amounts of assets and liabilities as of the dates of the Consolidated Statements of Financial Condition and Consolidated Statements of Income for the periods presented. Actual results could differ from these estimates. Material estimates that are particularly susceptible to change are the determination of the adequacy of the allowance for credit losses, evaluation of the need for valuation allowances on deferred tax assets, and determination of liabilities related to retirement and other post-retirement benefits. These estimates and assumptions are evaluated on an ongoing basis and are adjusted when facts and circumstances dictate.

The interim unaudited consolidated financial statements reflect all normal and recurring adjustments, which are, in the opinion of management, considered necessary for a fair presentation of the financial condition and results of operations for the periods presented. The results of operations for the three and nine month periods ended September 30, 2022 are not necessarily indicative of the results of operations that may be expected for the entire fiscal year or any other period. Certain reclassifications have been made in the consolidated financial statements to conform with current year classifications.

The interim unaudited consolidated financial statements of the Company presented herein have been prepared in accordance with the rules of the Securities and Exchange Commission (“SEC”) for quarterly reports on Form 10-Q and U.S. generally accepted accounting principles (“GAAP”). Certain information and note disclosures have been condensed or omitted pursuant to the rules and regulations of the SEC.

These unaudited consolidated financial statements should be read in conjunction with the Company's Annual Report on Form 10-K for the year ended December 31, 2021 and the audited consolidated financial statements included therein.

2. Acquisitions

Freehold Bank

On December 1, 2021, the Company completed its acquisition of Freehold Bancorp, MHC, Freehold Bancorp, Inc. and Freehold Bank (collectively, the "Freehold Entities"). Pursuant to the terms of the merger agreement, Freehold Bancorp, MHC merged with and into the MHC, with the MHC as the surviving entity; and Freehold Bancorp, Inc. merged with and into Columbia Financial, with Columbia Financial as the surviving entity. In connection with the merger, Freehold Bank converted to a federal savings bank and will operate as a wholly-owned subsidiary of Columbia Financial until November 6, 2023, the effective date of the merger of Freehold Bank into Columbia Bank. Under the terms of the merger agreement, depositors of Freehold Bank became depositors of the Columbia Bank and have the same rights and privileges in the MHC as if their accounts had been established at Columbia Bank on the date established at Freehold Bank. The Company issued 2,591,007 shares of its common stock to the MHC, representing an amount equal to the fair value of the Freehold Entities as determined by an independent appraiser, at December 1, 2021, the effective time of the holding company mergers.

Merger-related expenses are recorded in the Consolidated Statements of Income and are expensed as incurred. Direct acquisition and other charges incurred in connection with the acquisition of the Freehold Entities totaled $4,000 and $11,000 during the three and nine months ended September 30, 2022, respectively. Merger expenses recorded during the three and nine months ended September 30, 2021 totaled $55,000 and $130,000, respectively.

During the third quarter of 2022, the Company completed all tax returns related to the operations of Freehold Bank and its impact on the Company's income taxes, which resulted in an adjustment of $82,000 to deferred income taxes, net, and a corresponding decrease in goodwill.

2. Acquisitions (continued)

RSI Bank

On May 1, 2022, the Company completed its acquisition of RSI Bancorp, M.H.C., RSI Bancorp, Inc. and RSI Bank (collectively, the "RSI Entities"). Pursuant to the terms of the merger agreement, RSI Bancorp, M.H.C. merged with and into the MHC, with the MHC as the surviving entity; RSI Bancorp, Inc. merged with and into Columbia Financial, with Columbia Financial as the surviving entity; and RSI Bank merged with and into Columbia Bank, with Columbia Bank as the surviving institution. Under the terms of the merger agreement, depositors of RSI Bank became depositors of Columbia Bank and have the same rights and privileges in the MHC as if their accounts had been established at Columbia Bank on the date established at RSI Bank. The Company issued 6,086,314 shares of its common stock to the MHC, representing an amount equal to the discounted fair value of the RSI Entities as determined by an independent appraiser, at the effective time of the merger.

Merger-related expenses are recorded in the Consolidated Statements of Income and are expensed as incurred. Direct acquisition and other charges incurred in connection with the acquisition of the RSI Entities totaled $1.2 million and $2.7 million, respectively, during the three and nine months ended September 30, 2022. There were no merger expenses recorded during the three and nine months ended September 30, 2021.

The following table sets forth assets acquired and liabilities assumed in the acquisition of the RSI Entities, at their estimated fair values as of the closing date of the transaction:

	May 1, 2022	
	(In thousands)	
Assets acquired:		
Cash and cash equivalents	$	140,769
Debt securities available for sale		79,024
Equity securities		1,075
Federal Home Loan Bank Stock		906
Loans receivable		335,501
Accrued interest receivable		910
Office properties and equipment, net		7,296
Bank-owned life insurance		13,033
Deferred tax asset, net		3,633
Core deposit intangibles		10,271
Other assets		2,723
Total assets acquired	$	595,141
Liabilities assumed:		
Deposits	$	502,732
Borrowings		5,762
Advance payments by borrowers for taxes and insurance		1,341
Accrued expenses and other liabilities		10,568
Total liabilities assumed	$	520,403
Net assets acquired	$	74,738
Fair market value of stock issued to Columbia Bank MHC for purchase		102,741
Goodwill recorded at merger	$	28,003

2. Acquisitions (continued)

The assets acquired and liabilities assumed have been accounted for under the acquisition method of accounting. The assets and liabilities were recorded at their fair values as of May 1, 2022, and resulted in the recognition of goodwill of $28.0 million. The determination of the fair value of assets acquired and liabilities assumed required management to make estimates about discount rates, future expected cash flows, market conditions, and other future events that are highly subjective in nature and subject to change. During the third quarter of 2022, the Company completed all tax returns related to the operation of RSI Bank and its impact on the Company's income taxes, which resulted in a $2.0 million adjustment to deferred income taxes, net, and a corresponding decrease in goodwill. The fair value estimates are subject to change for up to one year after the closing date of the transaction if additional information (existing at the date of closing) relative to closing date fair values becomes available. As the Company continues to analyze the acquired assets and assumed liabilities, there may be additional adjustments to the recorded carrying values. At September 30, 2022, goodwill related to the acquisition of the RSI Entities totaled $26.0 million.

Fair Value Measurement of Assets Acquired and Liabilities Assumed

Described below are the methods used to determine the fair values of the significant assets acquired and liabilities assumed:

Cash and cash equivalents. The estimated fair values of cash and cash equivalents approximate their stated face amounts, as these financial instruments are either due on demand or have short-term maturities.

Debt securities available for sale. The estimated fair values of the debt securities were calculated utilizing Level 2 inputs. The majority of the acquired securities were fixed income instruments that are not quoted on an exchange, but are traded in active markets. The prices for these instruments are obtained through an independent pricing service when available, or dealer market participants with whom the Company has historically transacted with for both purchases and sales of securities. The prices are derived from market quotations and matrix pricing. The fair value measurements consider observable data that may include dealer quotes, market spreads, cash flows, the U.S. Treasury yield curve, and the bond's terms and conditions, among other things. Management reviewed the data and assumptions used in pricing securities by its third party provider to ensure the highest level of significant inputs are derived from market observable data.

Loans receivable. The acquired loan portfolio was segregated into pools for valuation purposes primarily based on loan type, non-accrual status, and credit risk rating. The estimated fair values were computed by discounting the expected cash flows from the respective pools. Cash flows were estimated by using valuation models that incorporated estimates of current key assumptions such as prepayment speeds, default rates, and loss severity rates. The process included: (1) projecting monthly principal and/or interest cash flows based on the contractual terms of the loans, including both maturity and contractual amortization; (2) adjusting projected cash flows for expected losses and prepayments, where appropriate; (3) developing a discount rate based on the relative risk of the cash flows, considering the loan type, liquidity risk, the maturity of the loans, servicing costs, and a required return on capital; and (4) discounting the projected cash flows to a present value, to arrive at the calculated value of the loans.

The methods used to estimate the fair values of loans are extremely sensitive to the assumptions and estimates used. While management attempted to use assumptions and estimates that best reflected the acquired loan portfolios and current market conditions, a greater degree of subjectivity is inherent in the values than in those determined in active markets.

Office properties and equipment, net. The fair value of land and buildings was estimated using current appraisals. Acquired equipment was not material. Buildings are amortized over their estimated useful lives. Equipment is amortized or depreciated over their estimated useful lives usually ranging from three to fifteen years.

Goodwill. Goodwill is not amortized for book purposes: however, it is reviewed at least annually for impairment and is not deductible for tax purposes.

Core deposit intangibles. Core deposit intangibles ("CDI") are the measure of the value of non-maturity deposits in a business combination. The fair value of the CDI was calculated utilizing the cost savings approach, the expected cost savings attributable to the core deposits funding relative to an alternative source of funding, using a discounted cash flow present value methodology. Key inputs and assumptions utilized in the discounted cash flow present value methodology include core deposit balances and rates paid, the cost of an additional funding source, the aggregate life of deposits and truncation points, non-interest deposit costs, and the immediate deposit outflow assumption.

2. Acquisitions (continued)

Deposits. The fair values of deposit liabilities with no stated maturity (i.e., non-interest bearing and interest-bearing demand deposit accounts, money market and savings and club accounts) are equal to the carrying amounts payable on demand. The fair value of certificates of deposit represent contractual cash flows, discounted to present value using interest rates currently offered on deposits with similar characteristics and remaining maturities.

Borrowings. The fair values of borrowings consisting of FHLB advances were estimated by discounting future cash flows using market discount rates for borrowings with similar characteristics, terms and remaining maturities.

3. Earnings per Share

Basic earnings per share ("EPS") is computed by dividing net income available to common shareholders by the weighted average number of common shares outstanding during the period. For purposes of calculating basic EPS, weighted average common shares outstanding excludes treasury stock, unallocated employee stock ownership plan shares that have not been committed for release and deferred compensation obligations required to be settled in shares of Company stock.

Diluted EPS is computed using the same method as basic EPS and reflects the potential dilution which could occur if stock options and unvested shares were exercised and converted into common stock. The potentially diluted shares would then be included in the weighted average number of shares outstanding for the period using the treasury stock method.

The following is a reconciliation of the numerators and denominators of the basic and diluted earnings per share calculations for the three and nine months ended September 30, 2022 and 2021:

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2022	2021	2022	2021
	(Dollars in thousands, except per share data)			
Net income	$ 20,919	$ 20,982	$ 64,282	$ 68,715
Shares:				
Weighted average shares outstanding - basic	106,926,864	102,977,254	105,440,345	104,486,520
Effect of dilutive securities	607,634	—	599,895	—
Weighted average shares outstanding - diluted	107,534,498	102,977,254	106,040,240	104,486,520
Earnings per share:				
Basic	$ 0.20	$ 0.20	$ 0.61	$ 0.66
Diluted	$ 0.19	$ 0.20	$ 0.61	$ 0.66

During the three and nine months ended September 30, 2022, the average number of stock options which could potentially dilute basic earnings per share in the future that were not included in the computation of diluted earnings per share because to do so would have been anti-dilutive totaled 121,935 and 89,990, respectively. During the three and nine months ended September 30, 2021, the average number of stock options which could potentially dilute basic earnings per share in the future that were not included in the computation of diluted earnings per share because to do so would have been anti-dilutive totaled 3,731,901 and 3,741,138, respectively.

4. Stock Repurchase Program

On September 10, 2020, the Company announced that its Board of Directors authorized the Company's second stock repurchase program for the purchase of up to 5,000,000 shares, or approximately 4.3%, of the Company's issued and outstanding common stock, commencing on September 15, 2020. On February 5, 2021, the Company completed the repurchases under the second stock repurchase program.

On February 1, 2021, the Company announced that its Board of Directors authorized the Company's third stock repurchase program to acquire up to 5,000,000 shares, or approximately 4.5%, of the Company's then issued and outstanding common stock, commencing upon completion of the Company's second stock repurchase program.

4. Stock Repurchase Program (continued)

On December 6, 2021, the Company announced that its Board of Directors authorized the Company's fourth stock repurchase program to acquire up to 5,000,000 shares, or approximately 4.6%, of the Company's then issued and outstanding common stock, commencing upon the completion of the Company's third stock repurchase program.

During the three and nine months ended September 30, 2022, the Company repurchased 874,080 shares at a cost of approximately $18.6 million, or $21.27 per share, and 3,420,747 shares at a cost of approximately $71.8 million, or $20.98 per share, respectively, under these programs. During the three and nine months ended September 30, 2021, the Company repurchased 1,163,500 shares at a cost of approximately $20.5 million, or $17.66 per share, and 4,633,540 shares, at a cost of approximately $79.1 million, or $17.07 per share, respectively, under these programs. Repurchased shares are held as treasury stock and are available for general corporate purposes.

5. Summary of Significant Accounting Policies

Accounting Pronouncement Adopted in 2022

In June 2016, the FASB issued ASU 2016-13, *Financial Instruments- Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments ("CECL")*, further amended by ASU 2019-04, *Codification Improvements to Topic 326, Financial Instruments-Credit Losses, Topic 815, Derivatives and Hedging, and Topic 825, Financial Instruments*. Topic 326 pertains to the measurement of credit losses on financial instruments. This update requires the measurement of all expected credit losses for financial instruments held at the reporting date based on historical experience, current conditions, and reasonable and supportable forecasts. Financial institutions and other organizations will now use forward-looking information to better determine their credit loss estimates. This update is intended to improve financial reporting by requiring timelier recording of credit losses on loans and other financial instruments held by financial institutions and other organizations. This update was effective for financial statements issued for fiscal years and interim periods beginning after December 15, 2019.

The Company elected to defer the adoption of the CECL methodology until December 31, 2020 as permitted by the enacted Coronavirus Aid, Relief and Economic Security Act ("CARES Act"). In late December 2020, the Consolidated Appropriations Act, 2021 was enacted, and extended certain provisions of the CARES Act, which allowed the Company to extend the adoption of CECL until January 1, 2022. The Company elected to extend its adoption of CECL in accordance with this legislation, and adopted the above mentioned ASUs related to *Financial Instruments -Credit Losses (Topic 326)* using a modified retrospective approach.

The Company adopted ASU 2016-13 on January 1, 2022 for all financial assets measured at amortized cost and off balance sheet credit exposures. Results for the three months ended March 31, 2022 are presented under Accounting Standards Codification 326, *Financial Instruments - Credit Losses*, while prior period amounts continue to be reported with previously applicable GAAP and have not been restated. Effective January 1, 2022, the Company recorded a $12.1 million decrease in the allowance for credit losses on loans (previously allowance for loan losses), established a $353,000 allowance for credit losses on debt securities available for sale, and recorded a $5.5 million increase in the liability for off balance sheet credit exposures, which resulted in a total cumulative effect adjustment of $6.2 million, net of tax, and an increase to retained earnings.

Accounting Pronouncement Not Yet Adopted

In March 2022, the FASB issued ASU 2022-02, *Financial Instruments-Credit Losses (Topic 326), Troubled Debt Restructurings and Vintage Disclosures*. ASU 2022-02 addresses areas identified by the FASB as part of its post-implementation review of the credit losses standard (ASU 2016-13) that introduced the CECL model. The amendments eliminate the accounting guidance for troubled debt restructurings by creditors that have adopted the CECL model and enhance the disclosure requirements for loan refinancing and restructurings made with borrowers experiencing financial difficulty. In addition, the amendments require a public business entity to disclose current period gross write-offs for financing receivables and net investment in leases by year of origination in the vintage disclosures. For entities that have adopted ASU 2016-13, this ASU is effective for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years. Early adoption is permitted. The Company is currently evaluating the impact of adopting this ASU on its consolidated financial statements.

6. Debt Securities Available for Sale

Debt securities available for sale at September 30, 2022 and December 31, 2021 are summarized as follows:

	September 30, 2022			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized (Losses)	Fair Value
	(In thousands)			
U.S. government and agency obligations	$ 67,491	$ —	$ (4,210)	$ 63,281
Mortgage-backed securities and collateralized mortgage obligations	1,399,397	122	(175,867)	1,223,652
Municipal obligations	3,698	—	(141)	3,557
Corporate debt securities	88,565	6	(7,340)	81,231
	$ 1,559,151	$ 128	$ (187,558)	$ 1,371,721

	December 31, 2021			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized (Losses)	Fair Value
	(In thousands)			
U.S. government and agency obligations	$ 34,711	$ 404	$ (236)	$ 34,879
Mortgage-backed securities and collateralized mortgage obligations	1,553,491	14,141	(13,273)	1,554,359
Municipal obligations	4,159	20	—	4,179
Corporate debt securities	109,018	2,378	(966)	110,430
	$ 1,701,379	$ 16,943	$ (14,475)	$ 1,703,847

The amortized cost and fair value of debt securities available for sale at September 30, 2022, by contractual final maturity, is shown below. Expected maturities may differ from contractual maturities due to prepayment or early call options exercised by the issuer.

	September 30, 2022	
	Amortized Cost	Fair Value
	(In thousands)	
One year or less	$ 919	$ 901
More than one year to five years	68,971	65,791
More than five years to ten years	89,864	81,377
	$ 159,754	$ 148,069
Mortgage-backed securities and collateralized mortgage obligations	1,399,397	1,223,652
	$ 1,559,151	$ 1,371,721

6. Debt Securities Available for Sale (continued)

Mortgage-backed securities and collateralized mortgage obligations totaling $1.4 billion at amortized cost, and $1.2 billion at fair value, are not classified by maturity in the table above as their expected lives are likely to be shorter than the contractual maturity date due to principal prepayments.

During the three months ended September 30, 2022, there were no proceeds from the sale of debt securities available for sale. During the nine months ended September 30, 2022, proceeds from the sales of debt securities available for sale totaled $126.8 million, resulting in gross gains of $210,000 and no gross losses. There were no calls and $915,000 in maturities of debt securities available for sale during three and nine months ended September 30, 2022.

During the three months ended September 30, 2021, proceeds from the sale of debt securities available for sale totaled $22.5 million, resulting in gross gains of $2.0 million and no gross losses. Proceeds from called debt securities available for sale totaled $9.0 million, resulting in no gross gains or losses. No debt securities available for sale matured during the quarter.

During the nine months ended September 30, 2021, proceeds from the sale of debt securities available for sale totaled $27.2 million, resulting in gross gains of $2.0 million and gross losses of $281,000. Proceeds from called debt securities available for sale totaled $14.0 million, resulting in no gross gains or losses. Proceeds from matured debt securities available for sale totaled $210,000.

Debt securities available for sale having a carrying value of $636.0 million and $587.7 million, at September 30, 2022 and December 31, 2021, respectively, were pledged as security for public funds on deposit at Columbia Bank as required and permitted by law, pledged for outstanding borrowings at the Federal Home Loan Bank, and pledged for potential borrowings at the Federal Reserve Bank of New York. Debt securities available for sale having a carrying value of $30.1 million and $44.1 million, at September 30, 2022 and December 31, 2021, respectively, were pledged by Freehold Bank for outstanding borrowings at the Federal Home Loan Bank, and for potential borrowings at the Federal Reserve Bank of New York.

The following tables summarize the fair value and gross unrealized losses of those securities that reported an unrealized loss at September 30, 2022 and December 31, 2021 and if the unrealized loss position was continuous for the twelve months prior to those respective dates:

	September 30, 2022					
	Less Than 12 Months		12 Months or Longer		Total	
	Fair Value	Gross Unrealized (Losses)	Fair Value	Gross Unrealized (Losses)	Fair Value	Gross Unrealized (Losses)
	(In thousands)					
U.S. government and agency obligations	$ 54,464	$ (3,104)	$ 8,817	$ (1,106)	$ 63,281	$ (4,210)
Mortgage-backed securities and collateralized mortgage obligations	696,364	(72,154)	504,328	(103,713)	1,200,692	(175,867)
Municipal obligations	3,557	(141)	—	—	3,557	(141)
Corporate debt securities	70,286	(6,300)	8,960	(1,040)	79,246	(7,340)
	$ 824,671	$ (81,699)	$ 522,105	$ (105,859)	$ 1,346,776	$ (187,558)

6. Debt Securities Available for Sale (continued)

	December 31, 2021					
	Less Than 12 Months		12 Months or Longer		Total	
	Fair Value	Gross Unrealized (Losses)	Fair Value	Gross Unrealized (Losses)	Fair Value	Gross Unrealized (Losses)
	(In thousands)					
U.S. government and agency obligations	$ 14,488	$ (236)	$ —	$ —	$ 14,488	$ (236)
Mortgage-backed securities and collateralized mortgage obligations	820,746	(11,892)	62,407	(1,381)	883,153	(13,273)
Corporate debt securities	29,221	(671)	4,705	(295)	33,926	(966)
	$ 864,455	$ (12,799)	$ 67,112	$ (1,676)	$ 931,567	$ (14,475)

The number of securities in an unrealized loss position at September 30, 2022 totaled 439, compared with 219 at December 31, 2021. All temporarily impaired securities were investment grade as of September 30, 2022 and December 31, 2021.

For available for sale securities, the Company assesses whether a loss is from credit or other factors and considers the extent to which fair value is less than amortized cost, any changes to the rating of the security by a rating agency and adverse conditions related to the security, among other factors. If this assessment indicates that a credit loss exists, the present value of cash flows expected to be collected from the security are compared to the amortized cost basis of the security. If the present value of cash flows is less than the amortized cost, a credit loss would be recorded through an allowance for credit losses, limited by the amount that the fair value is less than the amortized cost basis.

The following table presents the activity in the allowance for credit losses on debt securities available for sale for the three and nine months ended September 30, 2022:

	Three Months Ended September 30, 2022	Nine Months Ended September 30, 2022
	(In thousands)	
Allowance for Credit Losses:		
Beginning balance	$ —	$ —
Impact of adopting ASU 2016-13 (CECL) effective January 1, 2022	—	490
(Reversal of) credit losses	—	(490)
Balance at September 30, 2022	$ —	$ —

The Company made an accounting policy election to exclude accrued interest receivable from the amortized cost basis of debt securities available for sale. Accrued interest receivable on debt securities available for sale is reported as a component of accrued interest receivable on the Consolidated Statement of Financial Condition, which totaled $3.1 million at September 30, 2022, and is excluded from the estimate of credit losses.

7. Debt Securities Held to Maturity

Debt securities held to maturity at September 30, 2022 and December 31, 2021 are summarized as follows:

	September 30, 2022				
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized (Losses)	Allowance for Credit Losses	Fair Value
	(In thousands)				
U.S. government and agency obligations	$ 49,871	$ —	$ (7,587)	$ —	$ 42,284
Mortgage-backed securities and collateralized mortgage obligations	375,206	—	(43,996)	—	331,210
	$ 425,077	$ —	$ (51,583)	$ —	$ 373,494

	December 31, 2021			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized (Losses)	Fair Value
	(In thousands)			
U.S. government and agency obligations	$ 44,870	$ —	$ (759)	$ 44,111
Mortgage-backed securities and collateralized mortgage obligations	384,864	6,741	(927)	390,678
	$ 429,734	$ 6,741	$ (1,686)	$ 434,789

The amortized cost and fair value of debt securities held to maturity at September 30, 2022, by contractual final maturity, is shown below. Expected maturities may differ from contractual maturities due to prepayment or early call options exercised by the issuer.

	September 30, 2022	
	Amortized Cost	Fair Value
	(In thousands)	
More than one year to five years	$ 19,875	$ 18,282
More than five years to ten years	19,996	16,479
More than ten years	10,000	7,523
	49,871	42,284
Mortgage-backed securities and collateralized mortgage obligations	375,206	331,210
	$ 425,077	$ 373,494

Mortgage-backed securities and collateralized mortgage obligations totaling $375.2 million at amortized cost, and $331.2 million at fair value at September 30, 2022, are not classified by maturity as their expected lives are likely to be shorter than the contractual maturity date due to principal prepayments.

During the three and nine months ended September 30, 2022, there were no sales, calls or maturities of debt securities held to maturity.

During the three and nine months ended September 30, 2021, there were no sales or maturities of debt securities held to maturity. During the three months ended September 30, 2021 there were no calls of debt securities held to maturity. During the nine months ended September 30, 2021, proceeds from called debt securities held to maturity totaled $5.1 million, resulting in no gross gains or losses.

7. Debt Securities Held to Maturity (continued)

Debt securities held to maturity having a carrying value of $230.9 million and $252.4 million, at September 30, 2022 and December 31, 2021, respectively, were pledged as security for public funds on deposit at Columbia Bank as required and permitted by law, pledged for outstanding borrowings at the Federal Home Loan Bank, and pledged for potential borrowings at the Federal Reserve Bank of New York.

The following tables summarize the fair value and gross unrealized losses of those securities that reported an unrealized loss at September 30, 2022 and December 31, 2021 and if the unrealized loss position was continuous for the twelve months prior to those respective dates:

	September 30, 2022					
	Less Than 12 Months		12 Months or Longer		Total	
	Fair Value	Gross Unrealized (Losses)	Fair Value	Gross Unrealized (Losses)	Fair Value	Gross Unrealized (Losses)
	(In thousands)					
U.S. government and agency obligations	$ 4,967	$ (32)	$ 37,316	$ (7,555)	$ 42,283	$ (7,587)
Mortgage-backed securities and collateralized mortgage obligations	322,117	(41,399)	9,093	(2,597)	331,210	(43,996)
	$ 327,084	$ (41,431)	$ 46,409	$ (10,152)	$ 373,493	$ (51,583)

	December 31, 2021					
	Less Than 12 Months		12 Months or Longer		Total	
	Fair Value	Gross Unrealized (Losses)	Fair Value	Gross Unrealized (Losses)	Fair Value	Gross Unrealized (Losses)
	(In thousands)					
U.S. government and agency obligations	$ 44,111	$ (759)	$ —	$ —	$ 44,111	$ (759)
Mortgage-backed securities and collateralized mortgage obligations	79,036	(927)	—	—	79,036	(927)
	$ 123,147	$ (1,686)	$ —	$ —	$ 123,147	$ (1,686)

The number of securities in an unrealized loss position at September 30, 2022 totaled 117, compared with 25 at December 31, 2021. All temporarily impaired securities were investment grade as of September 30, 2022 and December 31, 2021.

For held to maturity securities, management measures expected credit losses on a collective basis by major security type. All of the mortgage-backed securities are issued by U.S. government agencies and are either explicitly or implicitly guaranteed by the U.S. government, are highly rated by major rating agencies and have a long history of no credit losses and, therefore, the expectation of non-payment is zero and the Company is not required to estimate an allowance for credit losses on these securities under the CECL standard. All these securities reflect a credit quality rating of AAA by Moody's Investors Service.

The Company made an accounting policy election to exclude accrued interest receivable from the amortized cost basis of debt securities held to maturity. Accrued interest receivable on debt securities held to maturity is reported as a component of accrued interest receivable on the Consolidated Statement of Financial Condition, which totaled $820,000 at September 30, 2022, and is excluded from the estimate of credit losses.

8. Equity Securities at Fair Value

The Company has an equity securities portfolio which consists of stock in other financial institutions, a payment technology company, a community bank correspondent services company, preferred stock in U.S. Government agencies, and a community reinvestment act qualifying bond fund which are reported at fair value on the Company's Consolidated Statements of Financial Condition. The fair value of the equities portfolio at September 30, 2022 and December 31, 2021 was $3.5 million and $2.7 million, respectively.

The Company recorded a net decrease in the fair value of equity securities of $264,000 and $443,000, during the three months ended September 30, 2022 and 2021, respectively, as a component of non-interest income. During the nine months ended September 30, 2022 and 2021, the Company recorded a net decrease in the fair value of equity securities of $332,000 and $1.8 million, respectively, as a component of non-interest income.

During the three and nine months ended September 30, 2022, there were no sales of equity securities. During the three and nine months ended September 30, 2021, sales of equity securities totaled $1.3 million, resulting in gross gains of $344,000 and no gross losses.

9. Loans Receivable and Allowance for Credit Losses

On January 1, 2022, the Company adopted CECL (ASC Topic 326), which replaced the historical incurred loss methodology with an expected loss methodology. The loan portfolio segmentation was expanded to seven portfolio segments taking into consideration common loan attributes and risk characteristics, as well as historical reporting metrics and data availability. Disclosures at and for the periods ended December 31, 2021 and September 30, 2021, are presented in accordance with the expanded segmentation adopted in conjunction with CECL, when appropriate. The Company made an accounting policy election to exclude accrued interest receivable from the amortized cost basis of loans receivable. Accrued interest receivable on loans receivable is reported as a component of accrued interest receivable on the Consolidated Statement of Financial Condition, which totaled $26.3 million at September 30, 2022, and is excluded from the estimate of credit losses.

The allowance for credit losses is a valuation account that reflects management's evaluation of the current expected credit losses in the loan portfolio. The Company maintains the allowance for credit losses through provisions for credit losses that are charged to income. Charge-offs against the allowance for credit losses are taken on loans where management determines that the collection of loan principal and interest is unlikely. Recoveries made on loans that have been charged-off are credited to the allowance for credit losses.

Management estimates the allowance balance using relevant available information, from internal and external sources, related to past events, current conditions, and a reasonable and supportable forecast. Historical credit loss experience for both the Company and peers provides the basis for the estimation of expected credit losses, where observed credit losses are converted to probability of default rate through the use of segment-specific loss given default risk factors that convert default rates to loss severity based on industry-level, observed relationships between the two variables for each segment, primarily due to the nature of the underlying collateral. These risk factors were assessed for reasonableness against the Company's own loss experience and adjusted in certain cases when the relationship between the Company's historical default and loss severity deviate from that of the wider industry. The historical probability of default ("PD") curves, together with corresponding economic conditions, establish a quantitative relationship between economic conditions and loan performance through an economic cycle.

Using the historical relationship between economic conditions and loan performance, management's expectation of future loan performance is incorporated using an externally developed economic forecast. This forecast is applied over a period that management has determined to be reasonable and supportable. Beyond the period over which management can develop or source a reasonable and supportable forecast, the model will revert to long-term average economic conditions using a straight-line, time-based methodology. The Company's current forecast period is six quarters, with a four quarter reversion period to historical average macroeconomic factors.

The allowance for credit losses is measured on a collective (pool) basis, with both a quantitative and qualitative analysis that is applied on a quarterly basis, when similar risk characteristics exist. The respective quantitative allowance for each segment is measured using an economic forecast, discounted cash flow modeling methodology in which distinct, segment-specific multi-variate regression models are applied to an external economic forecast. Under the discounted cash flows methodology, expected credit losses are estimated over the effective life of the loans by measuring the difference between the net present value of modeled cash flows and amortized cost basis. Contractual cash flows over the contractual life of the loans are the basis for modeled cash flows, adjusted for

9. Loans Receivable and Allowance for Credit Losses (continued)

modeled defaults and expected prepayments and discounted at the loan-level effective interest rate. The contractual term excludes expected extensions, renewals, and modifications. After quantitative considerations, management applies additional qualitative adjustments so that the allowance for credit loss is reflective of the estimate of lifetime losses that exist in the loan portfolio at the balance sheet date.

Portfolio segment is defined as the level at which an entity develops and documents a systematic methodology to determine its allowance for credit losses. Management developed segments for estimating loss based on type of borrower and collateral, which is generally based upon federal call report segmentation. The segments have been combined or sub-segmented as needed to ensure loans of similar risk profiles are appropriately pooled.

The allowance for credit losses on loans individually evaluated for impairment is based upon loans that have been identified through the Company's loan monitoring process. This process includes the review of delinquent, restructured, and charged-off loans.

Management believes the primary risks inherent in the portfolio are a general decline in the economy, a decline in real estate market values, rising unemployment, and increases in interest rates in the absence of economic improvement. Any one or a combination of these events may adversely affect a borrower's ability to repay its loan, resulting in increased delinquencies and loan losses. Accordingly, the Company has recorded loan losses at a level which is estimated to represent the current risk in its loan portfolio. Management considers it important to maintain the ratio of the allowance for credit losses to total loans at an acceptable level considering the current composition of the loan portfolio.

Loans receivable at September 30, 2022 and December 31, 2021 are summarized as follows:

	September 30, 2022	December 31, 2021
	(In thousands)	
Real estate loans:		
One-to-four family	$ 2,706,114	$ 2,092,317
Multifamily	1,142,459	1,041,108
Commercial real estate	2,354,786	2,170,236
Construction	289,650	295,047
Commercial business loans	497,478	452,232
Consumer loans:		
Home equity loans and advances	279,824	276,563
Other consumer loans	2,214	1,428
Total gross loans	7,272,525	6,328,931
Purchased credit-deteriorated ("PCD") loans	19,771	6,791
Net deferred loan costs, fees and purchased premiums and discounts	33,927	24,879
Loans receivable	$ 7,326,223	$ 6,360,601

The Company had no loans held-for-sale at September 30, 2022 and December 31, 2021. During the three months ended September 30, 2022, the Company sold $1.8 million, $685,000, and $510,000 of one-to-four family real estate loans, SBA loans included in commercial business loans, and construction loans held-for-sale, respectively, resulting in gross gains of $63,000 and gross losses of $64,000. During the nine months ended September 30, 2022, the Company sold $2.4 million, $2.0 million, and $1.8 million, of one-to-four family real estate loans, SBA loans included in commercial business loans, and construction loans held-for-sale, respectively, resulting in gross gains of $173,000 and gross losses of $64,000.

During the three months ended September 30, 2021, the Company sold $1.8 million, $15.0 million, and $1.2 million of one-to-four family real estate loans and home equity loans, commercial real estate loans, and SBA loans held-for-sale included in commercial business loans, respectively, resulting in gross gains of $140,000 and no gross losses. During the nine months ended September 30, 2021, the Company sold $17.4 million, $19.1 million, $250.1 million, and $6.4 million of one-to-four family real estate loans and home equity loans, commercial real estate loans, commercial business and SBA loans, and construction loans held-for-sale, respectively, resulting in gross gains of $8.6 million and no gross losses.

9. Loans Receivable and Allowance for Credit Losses (continued)

During the three and nine months ended September 30, 2022, no loans were purchased by the Company. During the three months ended September 30, 2021, the Company purchased $678,000 of one-to-four family real estate loans and $2.0 million of commercial real estate loans from third parties. During the nine months ended September 30, 2021, the Company purchased $678,000 of one-to-four family real estate loans and $73.6 million of commercial real estate loans from third parties.

At September 30, 2022 and December 31, 2021, commercial business loans included $2.2 million and $44.9 million, respectively, in SBA Payroll Protection Program ("PPP") loans and net deferred fees related to these loans totaling $44,000 and $1.2 million, respectively.

The Company has entered into guarantor swaps with Freddie Mac which results in improved liquidity. During the three and nine months ended September 30, 2022, and three months ended September 30, 2021, no loans were exchanged for Freddie Mac mortgage participation certificates. During the nine months ended September 30, 2021, the Company exchanged $99.6 million of loans for Freddie Mac mortgage participation certificates, resulting in gross gains of $2.3 million and no gross losses. The Company retained the servicing of these loans.
At September 30, 2022 and December 31, 2021, the carrying value of loans serviced by the Company for investors was $507.6 million and $519.5 million, respectively. These loans are not included in the Consolidated Statements of Financial Condition.

The following tables summarize the aging of loans receivable by portfolio segment, including non-accrual loans and excluding PCD loans at September 30, 2022 and December 31, 2021:

	September 30, 2022						
	30-59 Days	60-89 Days	90 Days or More	Total Past Due	Non-accrual	Current	Total
	(In thousands)						
Real estate loans:							
One-to-four family	$ 5,101	$ 1,883	$ 1,257	$ 8,241	$ 2,518	$ 2,697,873	$ 2,706,114
Multifamily	1,092	—	—	1,092	—	1,141,367	1,142,459
Commercial real estate	1,436	—	2,892	4,328	3,373	2,350,458	2,354,786
Construction	544	—	—	544	—	289,106	289,650
Commercial business loans	—	—	840	840	906	496,638	497,478
Consumer loans:							
Home equity loans and advances	1,425	40	159	1,624	199	278,200	279,824
Other consumer loans	—	15	—	15	—	2,199	2,214
Total loans	$ 9,598	$ 1,938	$ 5,148	$ 16,684	$ 6,996	$ 7,255,841	$ 7,272,525

9. Loans Receivable and Allowance for Credit Losses (continued)

	December 31, 2021						
	30-59 Days	60-89 Days	90 Days or More	Total Past Due	Non-accrual	Current	Total
	(In thousands)						
Real estate loans:							
One-to-four family	$ 3,131	$ 1,976	$ 373	$ 5,480	$ 1,416	$ 2,086,837	$ 2,092,317
Multifamily	—	—	—	—	—	1,041,108	1,041,108
Commercial real estate	2,189	—	1,561	3,750	1,561	2,166,486	2,170,236
Construction	—	—	—	—	—	295,047	295,047
Commercial business loans	412	—	203	615	761	451,617	452,232
Consumer loans:							
Home equity loans and advances	108	53	81	242	201	276,321	276,563
Other consumer loans	—	4	—	4	—	1,424	1,428
Total loans	$ 5,840	$ 2,033	$ 2,218	$ 10,091	$ 3,939	$ 6,318,840	$ 6,328,931

The Company considers a loan to be delinquent when we have not received a payment within 30 days of its contractual due date. Generally, a loan is designated as a non-accrual loan when the payment of interest is 90 days or more in arrears of its contractual due date. Non-accruing loans are returned to accrual status after there has been a sustained period of repayment performance (generally six consecutive months of payments) and both principal and interest are deemed collectible. The Company identifies loans that may need to be charged-off as a loss, by reviewing all delinquent loans, classified loans and other loans that management may have concerns about collectability. At September 30, 2022 and December 31, 2021, non-accrual loans totaled $7.0 million and $3.9 million, respectively. Included in non-accrual loans at September 30, 2022 and December 31, 2021, are 11 and 10 loans totaling $1.8 million and $1.7 million, respectively, which are less than 90 days in arrears.

At September 30, 2022 there were no loans past due 90 days or more still accruing interest. At December 31, 2021, there were no loans past due 90 days or more still accruing interest other than COVID-19 related loan forbearances and deferrals. In accordance with the CARES Act, these loans were not included in the aging of loans receivable by portfolio segment in the table above, and the Company continued to accrue interest income during the forbearance or deferral period.

Purchased credit impaired loans ("PCI") were loans acquired at a discount primarily due to deteriorated credit quality. These loans were initially recorded at fair value at acquisition, based upon the present value of expected future cash flows, with no related allowance for credit losses. In connection with the adoption of CECL on January 1, 2022, all loans considered PCI loans prior to that date were converted to purchase credit-deteriorated ("PCD") loans. Loans acquired in a business combination after January 1, 2022 are recorded in accordance with ASC Topic 326, which requires loans as of the acquisition date, that have experienced a more than insignificant deterioration in credit quality since origination to be classified as PCD loans.

At September 30, 2022 and December 31, 2021, PCD loans acquired in the Stewardship Financial Corporation ("Stewardship") acquisition totaled $2.0 million and $2.7 million, respectively, PCD loans acquired in the Roselle Bank acquisition totaled $184,000 and $184,000, respectively, and PCD loans acquired in the Freehold Bank acquisition totaled $3.7 million and $3.9 million, respectively. At September 30, 2022, PCD loans acquired in the RSI Bank acquisition totaled $13.9 million.

We may obtain physical possession of real estate collateralizing a residential mortgage loan via foreclosure or through an in-substance repossession. At September 30, 2022 and December 31, 2021, the Company had no real estate owned. At September 30, 2022 we had no residential mortgage loans in the process of foreclosure. At December 31, 2021, we had one residential mortgage loan with a carrying value of $87,000 collateralized by residential real estate which was in the process of foreclosure.

9. Loans Receivable and Allowance for Credit Losses (continued)

The following tables summarize loans receivable (including PCD loans) and allowance for credit losses by portfolio segment and impairment method at September 30, 2022 and December 31, 2021:

	September 30, 2022							
	One-to-Four Family	Multifamily	Commercial Real Estate	Construction	Commercial Business	Home Equity Loans and Advances	Other Consumer Loans	Total
	(In thousands)							
Allowance for credit losses:								
Individually evaluated for impairment	$ 213	$ 3	$ 98	$ —	$ 10	$ 6	$ —	$ 330
Collectively evaluated for impairment	11,725	7,246	17,540	5,630	7,463	1,861	9	51,474
Loans acquired with deteriorated credit quality	8	—	61	10	7	1	—	87
Total	$ 11,946	$ 7,249	$ 17,699	$ 5,640	$ 7,480	$ 1,868	$ 9	$ 51,891
Total loans:								
Individually evaluated for impairment	$ 4,223	$ 475	$ 16,836	$ —	$ 1,237	$ 695	$ —	$ 23,466
Collectively evaluated for impairment	2,701,891	1,141,984	2,337,950	289,650	496,241	279,129	2,214	7,249,059
Loans acquired with deteriorated credit quality	2,179	—	15,738	1,040	662	152	—	19,771
Total loans	$ 2,708,293	$ 1,142,459	$ 2,370,524	$ 290,690	$ 498,140	$ 279,976	$ 2,214	$ 7,292,296

9. Loans Receivable and Allowance for Credit Losses (continued)

	December 31, 2021							
	One-to-Four Family	Multifamily	Commercial Real Estate	Construction	Commercial Business	Home Equity Loans and Advances	Other Consumer Loans	Total
	(In thousands)							
Allowance for credit losses:								
Individually evaluated for impairment	$ 258	$ —	$ 97	$ —	$ 16	$ 7	$ —	$ 378
Collectively evaluated for impairment	8,540	7,741	16,017	8,943	20,198	866	6	62,311
Loans acquired with deteriorated credit quality	—	—	—	—	—	—	—	—
Total	$ 8,798	$ 7,741	$ 16,114	$ 8,943	$ 20,214	$ 873	$ 6	$ 62,689
Total loans:								
Individually evaluated for impairment	$ 5,184	$ 762	$ 15,830	$ —	$ 1,806	$ 705	$ —	$ 24,287
Collectively evaluated for impairment	2,087,133	1,040,346	2,154,406	295,047	450,426	275,858	1,428	6,304,644
Loans acquired with deteriorated credit quality	431	—	5,426	—	934	—	—	6,791
Total loans	$ 2,092,748	$ 1,041,108	$ 2,175,662	$ 295,047	$ 453,166	$ 276,563	$ 1,428	$ 6,335,722

Loan modifications to borrowers experiencing financial difficulties that are considered troubled debt restructurings ("TDRs") primarily involve the lowering of the monthly payments on such loans through either a reduction in interest rate below a market rate, an extension of the term of the loan without a corresponding adjustment to the risk premium reflected in the interest rate, or a combination of these two methods. These modifications generally do not result in the forgiveness of principal or accrued interest. In addition, the Company attempts to obtain additional collateral or guarantor support when modifying such loans. Non-accruing restructured loans may be returned to accrual status when there has been a sustained period of repayment performance (generally six consecutive months of payments) and both principal and interest are deemed collectible.

Section 4013 of the CARES Act, “Temporary Relief from Troubled Debt Restructurings,” allowed banks to temporarily suspend certain requirements under GAAP related to TDRs for a limited period of time to account for the effects of COVID-19. The Company elected to account for modifications on certain loans under Section 4013 of the CARES Act or, if the loan modification was not eligible under Section 4013, used the criteria in the COVID-19 guidance to determine when the loan modification was not a TDR in accordance with ASC 310-40. Guidance noted that modification or deferral programs mandated by the federal or a state government related to COVID-19 would not be in the scope of ASC 310-40, such as a state program that requires all institutions within that state to suspend mortgage payments for a specified period. These short-term loan modifications were not treated as a troubled debt restructuring during the short-term modification period if the loan was not in arrears at December 31, 2019. Furthermore, based on current evaluations, generally, we continued the accrual of interest on these loans during the short-term modification period. The Consolidated Appropriations Act, 2021, which was enacted in late December 2020, extended certain provisions of the CARES Act through January 1, 2022, including provisions permitting loan deferral extension requests to not be treated as troubled debt restructurings. Subsequent modifications to these loans are evaluated for troubled debt restructuring accounting treatment.

9. Loans Receivable and Allowance for Credit Losses (continued)

The following tables present the number of loans modified as TDRs during the three and nine months ended September 30, 2022 and 2021, along with their balances immediately prior to the modification date and post-modification. Post-modification recorded investment represents the net book balance immediately following modification.

	For the Three Months Ended September 30,					
	2022			2021		
	No. of Loans	Pre-modification Recorded Investment	Post-modification Recorded Investment	No. of Loans	Pre-modification Recorded Investment	Post-modification Recorded Investment
	(Dollars in thousands)					
Troubled Debt Restructurings						
Real Estate loans:						
One-to-four family	—	$ —	$ —	1	$ 64	$ 66
Total restructured loans	—	$ —	$ —	1	$ 64	$ 66

	For the Nine Months Ended September 30,					
	2022			2021		
	No. of Loans	Pre-modification Recorded Investment	Post-modification Recorded Investment	No. of Loans	Pre-modification Recorded Investment	Post-modification Recorded Investment
	(Dollars in thousands)					
Troubled Debt Restructurings						
Real Estate loans:						
One-to-four family	—	$ —	$ —	2	$ 285	$ 388
Commercial	—	—	—	1	192	211
Consumer loans:						
Home equity loans and advances	1	119	119	—	—	—
Total restructured loans	1	$ 119	$ 119	3	$ 477	$ 599

9. Loans Receivable and Allowance for Credit Losses (continued)

The activity in the allowance for credit losses by portfolio segment for the three and nine months ended September 30, 2022 and 2021 are as follows:

	For the Three Months Ended September 30,							
	One-to-Four Family	Multifamily	Commercial Real Estate	Construction	Commercial Business	Home Equity Loans and Advances	Other Consumer Loans	Totals
	(In thousands)							
2022								
Balance at beginning of period	$ 10,836	$ 10,932	$ 14,480	$ 5,570	$ 7,284	$ 1,471	$ 10	$ 50,583
Provision for (reversal of) credit losses	1,394	(3,683)	3,219	70	120	385	11	1,516
Recoveries	—	—	—	—	76	18	—	94
Charge-offs	(284)	—	—	—	—	(6)	(12)	(302)
Balance at end of period	$ 11,946	$ 7,249	$ 17,699	$ 5,640	$ 7,480	$ 1,868	$ 9	$ 51,891
2021								
Balance at beginning of period	$ 17,108	$ 8,442	$ 17,814	$ 9,160	$ 15,898	$ 1,471	$ 5	$ 69,898
Provision for (reversal of) credit losses	(2,218)	(146)	(171)	322	2,854	(165)	4	480
Recoveries	4	217	77	—	42	7	—	347
Charge-offs	(106)	—	—	—	(69)	(221)	(3)	(399)
Balance at end of period	$ 14,788	$ 8,513	$ 17,720	$ 9,482	$ 18,725	$ 1,092	$ 6	$ 70,326

9. Loans Receivable and Allowance for Credit Losses (continued)

	For the Nine Months Ended September 30,							
	One-to-Four Family	Multifamily	Commercial Real Estate	Construction	Commercial Business	Home Equity Loans and Advances	Other Consumer Loans	Totals
	(In thousands)							
2022								
Balance at beginning of period	$ 8,798	$ 7,741	$ 16,114	$ 8,943	$ 20,214	$ 873	$ 6	$ 62,689
Effect of adopting ASU No. 2016-13 ("CECL")	(2,308)	(2,030)	(4,227)	(2,346)	(5,302)	(229)	(1)	(16,443)
Initial allowance related to PCD loans	131	—	474	3	19	6	—	633
Provision for (reversal of) credit losses	5,364	1,538	5,338	(960)	(7,520)	1,225	19	5,004
Recoveries	338	—	—	—	131	26	—	495
Charge-offs	(377)	—	—	—	(62)	(33)	(15)	(487)
Balance at end of period	$ 11,946	$ 7,249	$ 17,699	$ 5,640	$ 7,480	$ 1,868	$ 9	$ 51,891
2021								
Balance at beginning of period	$ 13,586	$ 8,897	$ 21,784	$ 11,271	$ 17,384	$ 1,748	$ 6	$ 74,676
Provision for (reversal of) credit losses	1,796	(305)	(4,812)	(1,790)	2,945	(400)	5	(2,561)
Recoveries	18	217	1,014	1	169	52	—	1,471
Charge-offs	(612)	(296)	(266)	—	(1,773)	(308)	(5)	(3,260)
Balance at end of period	$ 14,788	$ 8,513	$ 17,720	$ 9,482	$ 18,725	$ 1,092	$ 6	$ 70,326

9. Loans Receivable and Allowance for Credit Losses (continued)

The following tables present loans individually evaluated for impairment by loan segment, excluding PCD loans, at September 30, 2022 and December 31, 2021:

	At September 30, 2022		
	Recorded Investment	Unpaid Principal Balance	Specific Allowance
		(In thousands)	
With no allowance recorded:			
Real estate loans:			
One-to-four family	$ 1,319	$ 1,667	$ —
Multifamily	62	65	—
Commercial real estate	14,924	15,612	—
Commercial business loans	156	412	—
Consumer loans:			
Home equity loans and advances	236	328	—
	16,697	18,084	—
With a specific allowance recorded:			
Real estate loans:			
One-to-four family	2,904	2,922	213
Multifamily	413	413	3
Commercial real estate	1,912	1,915	98
Commercial business loans	1,081	1,081	10
Consumer loans:			
Home equity loans and advances	459	459	6
	6,769	6,790	330
Total:			
Real estate loans:			
One-to-four family	4,223	4,589	213
Multifamily	475	478	3
Commercial real estate	16,836	17,527	98
Commercial business loans	1,237	1,493	10
Consumer loans:			
Home equity loans and advances	695	787	6
Total loans	$ 23,466	$ 24,874	$ 330

9. Loans Receivable and Allowance for Credit Losses (continued)

	At December 31, 2021		
	Recorded Investment	Unpaid Principal Balance	Specific Allowance
		(In thousands)	
With no allowance recorded:			
Real estate loans:			
One-to-four family	$ 1,882	$ 2,421	$ —
Multifamily	762	765	—
Commercial real estate	13,861	14,586	—
Commercial business loans	573	573	—
Consumer loans:			
Home equity loans and advances	202	308	—
	17,280	18,653	—
With a specific allowance recorded:			
Real estate loans:			
One-to-four family	3,302	3,321	258
Commercial real estate	1,969	1,971	97
Commercial business loans	1,233	1,233	16
Consumer loans:			
Home equity loans and advances	503	503	7
	7,007	7,028	378
Total:			
Real estate loans:			
One-to-four family	5,184	5,742	258
Multifamily	762	765	—
Commercial real estate	15,830	16,557	97
Commercial business loans	1,806	1,806	16
Consumer loans:			
Home equity loans and advances	705	811	7
	$ 24,287	$ 25,681	$ 378

Specific allocations of the allowance for credit losses attributable to impaired loans totaled $330,000 and $378,000 at September 30, 2022 and December 31, 2021, respectively. At September 30, 2022 and December 31, 2021, impaired loans for which there was no related allowance for credit losses totaled $16.7 million and $17.3 million, respectively.

The recorded investment in TDRs totaled $20.1 million at September 30, 2022, of which two loans with an aggregate balance of $353,000 were 60-89 days past due. The remaining loans modified were current at the time of restructuring and have complied with the terms of their restructure agreement at September 30, 2022. The recorded investment in TDRs totaled $22.4 million at December 31, 2021, of which one loan with a balance of $36,000 was 30-59 days past due. The remaining loans modified were current at the time of restructuring and have complied with the terms of their restructure agreement at December 31, 2021.

9. Loans Receivable and Allowance for Credit Losses (continued)

The following tables present interest income recognized for loans individually evaluated for impairment, by loan segment, excluding PCD loans for the three and nine months ended September 30, 2022 and 2021:

	For the Three Months Ended September 30,			
	2022		2021	
	Average Recorded Investment	Interest Income Recognized	Average Recorded Investment	Interest Income Recognized
	(In thousands)			
Real estate loans:				
One-to-four family	$ 4,251	$ 45	$ 5,569	$ 64
Multifamily	598	6	8,626	10
Commercial real estate	16,086	163	17,477	217
Commercial business loans	1,269	22	2,106	36
Consumer loans:				
Home equity loans and advances	777	9	1,101	11
Total loans	$ 22,981	$ 245	$ 34,879	$ 338

	For the Nine Months Ended September 30,			
	2022		2021	
	Average Recorded Investment	Interest Income Recognized	Average Recorded Investment	Interest Income Recognized
	(In thousands)			
Real estate loans:				
One-to-four family	$ 4,640	$ 146	$ 5,923	$ 229
Multifamily	675	28	11,246	359
Commercial real estate	16,254	568	17,000	329
Commercial business loans	1,447	66	2,226	106
Consumer loans:				
Home equity loans and advances	787	29	1,257	32
Total loans	$ 23,803	$ 837	$ 37,652	$ 1,055

The Company utilizes an eight-point risk rating system to summarize its loan portfolio into categories with similar risk characteristics. Loans deemed to be "acceptable quality" are rated 1 through 4 (Pass), with a rating of 1 established for loans with minimal risk. Loans that are deemed to be of "questionable quality" are rated 5 (Special Mention) or 6 (Substandard). Loans with adverse classifications are rated 7 (Doubtful) or 8 (Loss). The risk ratings are also confirmed through periodic loan review examinations which are currently performed by both an independent third-party and the Company's credit risk review department. The Company requires an annual review be performed above certain dollar thresholds, depending on loan type, to help determine the appropriate risk ratings. Results from examinations are presented to the Audit Committee of the Board of Directors.

9. Loans Receivable and Allowance for Credit Losses (continued)

The following table summarizes the Company's loans by year of origination and internally assigned credit risk rating, excluding PCD loans at September 30, 2022 and December 31, 2021:

	Loans by Year of Origination at September 30, 2022								
	2022	2021	2020	2019	2018	Prior	Revolving Loans	Revolving Loans to Term Loans	Total
	(In thousands)								
One-to-Four Family									
Pass	$ 628,998	$ 844,780	$ 299,287	$ 181,706	$ 127,773	$ 620,689	$ —	$ —	$ 2,703,233
Special mention	—	—	—	—	—	—	—	—	—
Substandard	—	643	—	687	322	1,229	—	—	2,881
Total One-to-Four Family	628,998	845,423	299,287	182,393	128,095	621,918	—	—	2,706,114
Multifamily									
Pass	177,878	306,208	184,752	208,321	43,451	217,307	—	—	1,137,917
Special mention	—	—	—	—	—	4,542	—	—	4,542
Substandard	—	—	—	—	—	—	—	—	—
Total Multifamily	177,878	306,208	184,752	208,321	43,451	221,849	—	—	1,142,459
Commercial Real Estate									
Pass	303,030	398,505	179,623	263,603	233,911	906,137	—	—	2,284,809
Special mention	—	—	—	1,065	15,750	34,248	—	—	51,063
Substandard	—	481	1,286	1,607	—	15,540	—	—	18,914
Total Commercial Real Estate	303,030	398,986	180,909	266,275	249,661	955,925	—	—	2,354,786
Construction									
Pass	103,263	107,388	31,126	14,216	6,313	27,344	—	—	289,650
Special mention	—	—	—	—	—	—	—	—	—
Substandard	—	—	—	—	—	—	—	—	—
Total Construction	$ 103,263	$ 107,388	$ 31,126	$ 14,216	$ 6,313	$ 27,344	$ —	$ —	$ 289,650

9. Loans Receivable and Allowance for Credit Losses (continued)

	Loans by Year of Origination at September 30, 2022								
	2022	2021	2020	2019	2018	Prior	Revolving Loans	Revolving Loans to Term Loans	Total
	(In thousands)								
Commercial Business									
Pass	$ 47,082	$ 35,305	$ 34,044	$ 25,527	$ 27,075	$ 39,171	$ 274,439	$ —	$ 482,643
Special mention	—	—	57	1,230	1,081	41	3,241	—	5,650
Substandard	—	355	63	207	2,688	348	5,524	—	9,185
Total Commercial Business	47,082	35,660	34,164	26,964	30,844	39,560	283,204	—	497,478
Home Equity Loans and Advances									
Pass	21,064	22,599	15,021	13,668	12,226	92,482	102,070	442	279,572
Special mention	—	—	—	—	—	—	—	—	—
Substandard	—	—	—	—	20	196	36	—	252
Total Home Equity Loans and Advances	21,064	22,599	15,021	13,668	12,246	92,678	102,106	442	279,824
Other Consumer Loans									
Pass	1,388	97	114	122	36	121	336	—	2,214
Special mention	—	—	—	—	—	—	—	—	—
Substandard	—	—	—	—	—	—	—	—	—
Total Other Consumer Loans	1,388	97	114	122	36	121	336	—	2,214
Total Loans	$ 1,282,703	$ 1,716,361	$ 745,373	$ 711,959	$ 470,646	$ 1,959,395	$ 385,646	$ 442	$ 7,272,525

9. Loans Receivable and Allowance for Credit Losses (continued)

	Loans by Year of Origination at December 31, 2021								
	2021	2020	2019	2018	2017	Prior	Revolving Loans	Revolving Loans to Term Loans	Total
	(In thousands)								
One-to-Four Family									
Pass	$ 793,848	$ 298,815	$ 196,244	$ 138,215	$ 134,811	$ 525,615	$ —	$ —	$ 2,087,548
Special mention	—	—	—	—	—	203	—	—	203
Substandard	—	—	1,463	1,420	360	1,323	—	—	4,566
Total One-to-Four family	793,848	298,815	197,707	139,635	135,171	527,141	—	—	2,092,317
Multifamily									
Pass	312,738	181,285	231,252	47,024	131,169	137,640	—	—	1,041,108
Special mention	—	—	—	—	—	—	—	—	—
Substandard	—	—	—	—	—	—	—	—	—
Total Multifamily	312,738	181,285	231,252	47,024	131,169	137,640	—	—	1,041,108
Commercial Real Estate									
Pass	381,222	161,136	278,581	241,669	222,752	803,945	—	—	2,089,305
Special mention	—	—	1,303	16,070	1,885	34,788	—	—	54,046
Substandard	—	386	—	1,561	1,276	23,662	—	—	26,885
Total Commercial Real Estate	381,222	161,522	279,884	259,300	225,913	862,395	—	—	2,170,236
Construction									
Pass	107,070	77,549	37,498	41,591	28,814	2,418	—	—	294,940
Special mention	—	—	107	—	—	—	—	—	107
Substandard	—	—	—	—	—	—	—	—	—
Total Construction	$ 107,070	$ 77,549	$ 37,605	$ 41,591	$ 28,814	$ 2,418	$ —	$ —	$ 295,047

9. Loans Receivable and Allowance for Credit Losses (continued)

	Loans by Year of Origination at December 31, 2021								
	2021	2020	2019	2018	2017	Prior	Revolving Loans	Revolving Loans to Term Loans	Total
	(In thousands)								
Commercial Business									
Pass	$ 84,113	$ 36,115	$ 25,156	$ 30,670	$ 21,762	$ 26,515	$ 210,597	$ —	$ 434,928
Special mention	246	15	1,729	1,369	18	46	3,291	—	6,714
Substandard	192	71	352	1,084	371	609	7,911	—	10,590
Total Commercial Business	84,551	36,201	27,237	33,123	22,151	27,170	221,799	—	452,232
Home Equity Loans and Advances									
Pass	22,393	15,977	15,906	13,146	12,023	100,870	95,484	426	276,225
Special mention	—	—	—	—	—	—	—	—	—
Substandard	—	—	—	—	—	246	92	—	338
Total Home Equity Loans and Advances	22,393	15,977	15,906	13,146	12,023	101,116	95,576	426	276,563
Other Consumer Loans									
Pass	659	58	284	60	9	5	353	—	1,428
Special mention	—	—	—	—	—	—	—	—	—
Substandard	—	—	—	—	—	—	—	—	—
Total Other Consumer Loans	659	58	284	60	9	5	353	—	1,428
Total Loans	$ 1,702,481	$ 771,407	$ 789,875	$ 533,879	$ 555,250	$ 1,657,885	$ 317,728	$ 426	$ 6,328,931

9. Loans Receivable and Allowance for Credit Losses (continued)

The Company is required to include unfunded commitments that are expected to be funded in the future within the allowance calculation, other than those that are unconditionally cancellable. To arrive at that reserve, the reserve percentage for each applicable segment is applied to the unused portion of the expected commitment balance and is multiplied by the expected funding rate. To determine the expected funding rate, the Company uses a historical utilization rate for each segment. The allowance for credit losses on off balance sheet exposures is reported in other liabilities in the Consolidated Statements of Financial Condition. The liability represents an estimate of expected credit losses arising from off balance sheet exposures such as unfunded commitments. At September 30, 2022, the balance of the allowance for credit losses on unfunded commitments, included in other liabilities, totaled $6.6 million. The Company recorded a reversal of provision for credit losses on unfunded commitments, included in other non-interest expense in the Consolidated Statements of Income, of $1.7 million and $1.6 million during the three and nine months ended September 30, 2022.

The following table presents the activity in the allowance for credit losses on off balance sheet exposures for the three and nine months ended September 30, 2022:

	Three Months Ended September 30, 2022	Nine Months Ended September 30, 2022
	(In thousands)	
Allowance for Credit Losses:		
Beginning balance	$ 8,358	$ 524
Impact of adopting ASU 2016-13 ("CECL") effective January 1, 2022	—	7,674
(Reversal of) provision for credit losses	(1,747)	(1,587)
Balance at September 30, 2022	$ 6,611	$ 6,611

10. Leases

The Company's leases real estate property for branches and office space. At September 30, 2022 and December 31, 2021, all of the Company's leases are classified as operating leases.

The Company determines if an arrangement is a lease at inception. Topic 842 requires lessees to recognize a right-of-use asset and a lease liability, measured at the present value of the future minimum lease payments, at the lease commencement date. The calculated amount of the right-of-use asset and lease liabilities are impacted by the length of the lease term and the discount rate used to calculate the present value of minimum lease payments.
At September 30, 2022 and December 31, 2021, the weighted average remaining lease term for operating leases was 6.6 years and 7.0 years, respectively, and the weighted average discount rate used in the measurement of operating lease liabilities was 2.34% and 2.13%, respectively.

The Company elected to account for the lease and non-lease components separately since such amounts are readily determinable under the Company's lease contracts. Operating lease expense is recognized on a straight-line basis over the lease term, while variable lease payments are recognized as incurred. Variable lease payments include common area maintenance charges, real estate taxes, repairs and maintenance costs and utilities. Operating and variable lease expenses are recorded in occupancy expense in the Consolidated Statements of Income. During the three months ended September 30, 2022 and 2021, operating and variable lease expenses totaled approximately $668,000 and $504,000, respectively. During the nine months ended September 30, 2022 and 2021, operating and variable lease expenses totaled approximately $2.0 million and $1.7 million, respectively.

There were no sale and leaseback transactions, leveraged leases or lease transactions with related parties during the three and nine months ended September 30, 2022 and 2021. At September 30, 2022, the Company had not entered into any leases which had not yet commenced.

10. Leases (continued)

The following table summarizes lease payment obligations for each of the next five years and thereafter as follows:

	Lease Payment Obligations at	
	September 30, 2022	December 31, 2021
	(In thousands)	
One year or less	$ 1,068	$ 4,198
After one year to two years	4,288	3,950
After two years to three years	3,748	3,150
After three years to four years	3,079	2,479
After four years to five years	2,777	2,177
Thereafter	6,360	5,340
Total undiscounted cash flows	21,320	21,294
Discount on cash flows	(1,727)	(1,709)
Total lease liability	$ 19,593	$ 19,585

11. Deposits

Deposits at September 30, 2022 and December 31, 2021 are summarized as follows:

	September 30, 2022	December 31, 2021
	(In thousands)	
Non-interest-bearing demand	$ 1,746,668	$ 1,712,061
Interest-bearing demand	2,701,551	2,599,987
Money market accounts	712,900	657,156
Savings and club deposits	960,547	822,833
Certificates of deposit	1,943,227	1,778,179
Total deposits	$ 8,064,893	$ 7,570,216

Included in the above balance at December 31, 2021 are certificates of deposit obtained through brokers totaling $5.0 million that were acquired from Stewardship.

The aggregate amount of certificates of deposit that meet or exceed $100,000 totaled approximately $1.1 billion and $932.4 million at September 30, 2022 and December 31, 2021, respectively. Interest expense on deposits for the three months ended September 30, 2022 and 2021 totaled $7.0 million and $6.7 million, respectively. Interest expense on deposits for the nine months ended September 30, 2022 and 2021 totaled $16.3 million and $23.4 million, respectively.

11. Deposits (continued)

Scheduled maturities of certificates of deposit accounts at September 30, 2022 and December 31, 2021 are summarized as follows:

	September 30, 2022	December 31, 2021
	(In thousands)	
One year or less	$ 1,032,732	$ 1,087,631
After one year to two years	690,540	418,515
After two years to three years	116,000	143,950
After three years to four years	64,870	36,277
After four years	39,085	91,806
	$ 1,943,227	$ 1,778,179

12. Stock Based Compensation

At the Company's annual meeting of stockholders held on June 6, 2019, stockholders approved the Columbia Financial, Inc. 2019 Equity Incentive Plan ("2019 Plan") which provides for the issuance of up to 7,949,996 shares (2,271,427 restricted stock awards and 5,678,569 stock options) of common stock.

At September 30, 2022, there were 867,610 shares remaining available for future restricted stock awards and 2,128,741 shares remaining available for future stock option grants under the 2019 plan

On March 22, 2021, 50,203 shares of restricted stock were awarded, with a grant date fair value of $17.86 per share. To fund the grant of restricted common stock, the Company reissued shares from treasury stock.

On March 2, 2022, 51,746 shares of restricted stock were awarded, with a grant date fair value of $21.79 per share. To fund the grant of restricted common stock, the Company issued shares from authorized but unissued shares.

Restricted shares granted under the 2019 Plan generally vest in equal installments, over performance or service periods ranging from 1 year to 5 years, beginning 1 year from the date of grant. A portion of restricted shares awarded were performance awards, which vested upon the satisfactory attainment of certain corporate financial targets during the three months ended September 30, 2022. Management recognizes compensation expense for the fair value of restricted shares on a straight line basis over the requisite performance or service period. During the three months ended September 30, 2022 and 2021, approximately $901,000 and $1.4 million in expense was recognized in regard to these awards. The expected future compensation expense related to the 373,807 non-vested restricted shares outstanding at September 30, 2022 is approximately $5.8 million over a weighted average period of 2.1 years. During the nine months ended September 30, 2022 and 2021, approximately $3.4 million and $4.3 million in expense was recognized in regard to these awards.

12. Stock Based Compensation (continued)

The following is a summary of the Company's restricted stock activity during the three and nine months ended September 30, 2022 and 2021:

	Number of Restricted Shares		Weighted Average Grant Date Fair Value
Non-vested at January 1, 2022	1,054,335	$	15.78
Grants	51,746		21.79
Vested	(27,775)		17.86
Forfeited	(31,570)		16.91
Non-vested at March 31, 2022	1,046,736	$	15.98
Forfeited	(5,182)		18.34
Non-vested at June 30, 2022	1,041,554	$	15.97
Vested	(635,951)		15.62
Forfeited	(31,796)		15.87
Non-vested at September 30, 2022	373,807	$	16.58

	Number of Restricted Shares		Weighted Average Grant Date Fair Value
Non-vested at January 1, 2021	1,263,169	$	15.66
Grants	50,203		17.86
Forfeited	(13,846)		15.60
Non-vested at March 31, 2021	1,299,526	$	15.74
Forfeited	(128)		15.60
Non-vested at June 30, 2021	1,299,398	$	15.74
Vested	(163,882)		15.61
Forfeited	(29,882)		15.63
Non-vested at September 30, 2021	1,105,634	$	15.76

On March 22, 2021, options to purchase 109,654 shares of Company common stock were awarded with a grant date fair value of $4.91 per option. These stock options granted under the 2019 Plan on such date, vest in equal installments over the service period of three years beginning one year from the date of grant. These stock options were granted at an exercise price of $17.86, which represents the fair value of the Company's common stock price on the grant date based on the closing market price, and have an expiration period of approximately 10 years. The fair value of stock options granted was estimated utilizing the Black-Scholes option pricing model using the following assumptions: expected life of 6.0 years, risk-free rate of return of 1.11%, volatility of 25.98%, and a dividend yield of 0.00%.

On March 21, 2022, options to purchase 130,951 shares of Company common stock were awarded with a grant date fair value of $6.51 per option. These stock options granted under the 2019 Plan on such date, vest in equal installments over the service period of three years beginning one year from the date of grant. These stock options were granted at an exercise price of $21.79, which represents the fair value of the Company's common stock price on the grant date based on the closing market price, and have an expiration period of approximately 10 years. The fair value of stock options granted was estimated utilizing the Black-Scholes option pricing model using the following assumptions: expected life of six years risk-free rate of return of 2.34%, volatility of 25.31%, and a dividend yield of 0.00%.

12. Stock Based Compensation (continued)

The expected life of the options represents the period of time that stock options are expected to be outstanding and is estimated using the simplified approach, which assumes that all outstanding options will be exercised at the midpoint of the vesting date and full contractual term. The risk-free rate of return is based on the rates on the grant date of a U.S. Treasury Note with a term equal to the expected option life. Since the Company recently became a public company and does not have sufficient historical price data, the expected volatility is based on the historical daily stock prices of Company stock plus a peer group of similar entities based on factors such as industry, stage of life cycle, size and financial leverage. The Company has not paid any cash dividends on its common stock.

Management recognizes expense for the fair value of these awards on a straight line basis over the requisite service period. During the three months ended September 30, 2022 and 2021, approximately $778,000 and $822,000 in expense was recognized in regard to these awards. The expected future compensation expense related to the 1,400,750 non-vested options outstanding at September 30, 2022 is $5.0 million over a weighted average period of 1.7 years. During the nine months ended September 30, 2022 and 2021, approximately $2.3 million and $2.4 million in expense was recognized in regard to these awards.

The following is a summary of the Company's option activity during the three and nine months ended September 30, 2022 and 2021:

	Number of Stock Options	Weighted Average Exercise Price	Weighted Average Remaining Contractual Term (in years)	Aggregate Intrinsic Value
Outstanding, January 1, 2022	3,637,542	$ 15.78	7.6	$ 18,654,905
Granted	130,951	21.79	—	—
Exercised	(62,859)	16.42	—	—
Expired	(1,412)	15.60	—	—
Forfeited	(61,961)	16.84	—	—
Outstanding, March 31, 2022	3,642,261	$ 15.92	7.5	$ 20,401,381
Exercised	(5,412)	15.60	—	—
Forfeited	(21,801)	17.78	—	—
Outstanding, June 30, 2022	3,615,048	$ 15.91	7.2	$ 21,335,939
Exercised	(87,025)	15.60	—	—
Expired	(8,704)	15.60	—	—
Forfeited	(153,309)	15.72	—	—
Outstanding, September 30, 2022	3,366,010	$ 15.93	6.9	$ 17,598,873
Options exercisable at September 30, 2022	1,965,260	$ 15.67	6.4	$ 10,732,855

12. Stock Based Compensation (continued)

	Number of Stock Options	Weighted Average Exercise Price	Weighted Average Remaining Contractual Term (in years)	Aggregate Intrinsic Value
Outstanding, January 1, 2021	3,708,628	$ 15.66	8.6	$ —
Granted	109,654	17.86	—	—
Expired	(2,029)	15.60	—	—
Forfeited	(30,118)	15.60	—	—
Outstanding, March 31, 2021	3,786,135	$ 15.73	8.4	$ 6,673,328
Exercised	(1,661)	15.60	—	$ —
Expired	(7,529)	15.60	—	—
Forfeited	(1,412)	15.60	—	—
Outstanding, June 30, 2021	3,775,533	$ 15.73	8.1	$ 5,700,258
Exercised	(26,861)	15.60	—	$ —
Expired	(353)	15.60	—	
Forfeited	(58,287)	15.73	—	—
Outstanding, September 30, 2021	3,690,032	$ 15.73	7.9	$ 10,222,527
Options exercisable at September 30, 2021	1,411,976	$ 15.64	7.8	$ 4,036,196

The aggregate intrinsic value in the table above represents the total pre-tax intrinsic value, the difference between the Company's closing stock price on the last trading day of the period and the exercise price, multiplied by the number of in-the-money options.

During the three and nine months ended September 30, 2022, the aggregate intrinsic value of options exercised was $507,000 and $896,000, respectively. During the three and nine months ended September 30, 2021, the aggregate intrinsic value of options exercised was $56,186 and $59,991, respectively.

13. Components of Net Periodic Benefit Cost

Pension Plan, Retirement Income Maintenance Plan (the "RIM Plan") Post-retirement Plan, and Split-Dollar Life Insurance Plans

The Company maintains a single employer, tax-qualified defined benefit pension plan (the "Pension Plan") which covers full-time employees that satisfy the Pension Plan's eligibility requirements. The benefits are based on years of service and the employee's average compensation for the highest five consecutive years of employment. Effective October 1, 2018, newly hired employees are not eligible to participate in the Pension Plan as the Pension Plan has been closed to new employees as of that date.

The Company also maintains a Retirement Income Maintenance Plan (the "RIM Plan") which is a non-qualified defined benefit plan which provides benefits to all employees of the Company if their benefits under the Pension Plan are limited by Internal Revenue Code Sections 415 and 401(a)(17).

In addition, the Company provides certain health care and life insurance benefits to eligible retired employees under a Post-retirement Plan. The Company accrues the cost of retiree health care and other benefits during the employee's period of active service. Effective January 1, 2019, the Post-retirement Plan has been closed to new hires. The Company also provides life insurance benefits to eligible employees under an endorsement split-dollar life insurance program.

Through the acquisition of the RSI Entities, the Company acquired a funded pension plan, a non-funded post-retirement plan, and a split-dollar life insurance plan which are included in the tables below, based on benefit valuations as of the acquisition date.

13. Components of Net Periodic Benefit Cost (continued)

Net periodic benefit (income) cost for the Pension Plan, RIM Plan, Post-retirement Plan and Split-Dollar Life Insurance plan benefits for the three and nine months ended September 30, 2022 and 2021, includes the following components:

	For the Three Months Ended September 30,								
	Pension Plan		RIM Plan		Post-retirement Plan		Split-Dollar Life Insurance		
	2022	2021	2022	2021	2022	2021	2022	2021	Affected Line Item in the Consolidated Statements of Income
	(In thousands)								
Service cost	$ 1,267	$ 1,872	$ 93	$ 100	$ 122	$ 130	$ 130	$ 141	Compensation and employee benefits
Interest cost	2,799	1,902	97	86	185	141	158	125	Other non-interest expense
Expected return on plan assets	(7,183)	(6,661)	—	—	—	—	—	—	Other non-interest expense
Amortization:									
Prior service cost	—	—	—	—	—	—	14	14	Other non-interest expense
Net loss	660	—	111	166	78	153	151	191	Other non-interest expense
Net periodic (income) benefit cost	$ (2,457)	$ (2,887)	$ 301	$ 352	$ 385	$ 424	$ 453	$ 471	

	For the Nine Months Ended September 30,								
	Pension Plan		RIM Plan		Post-retirement Plan		Split-Dollar Life Insurance		
	2022	2021	2022	2021	2022	2021	2022	2021	Affected Line Item in the Consolidated Statements of Income
	(In thousands)								
Service cost	$ 5,199	$ 6,172	$ 279	$ 300	$ 319	$ 390	$ 383	$ 423	Compensation and employee benefits
Interest cost	6,911	5,414	291	258	508	423	453	375	Other non-interest expense
Expected return on plan assets	(22,375)	(19,297)	—	—	—	—	—	—	Other non-interest expense
Amortization:									
Prior service cost	—	—	—	—	—	—	42	42	Other non-interest expense
Net loss	660	2,000	333	498	234	459	453	573	Other non-interest expense
Net periodic (income) benefit cost	$ (9,605)	$ (5,711)	$ 903	$ 1,056	$ 1,061	$ 1,272	$ 1,331	$ 1,413	

For the three and nine months ended September 30, 2022, Columbia Bank made a $10.0 million contribution to the Pension Plan. The net periodic (income) cost for pension benefits, other post-retirement and split-dollar life insurance benefits for the three and nine months ended September 30, 2022, was calculated using the most recent available benefit valuations.

13. Components of Net Periodic Benefit Cost (continued)

Through the acquisition of the Roselle Entities, the Company acquired a non-contributory defined benefit supplemental executive retirement plan with the only participant being a former president of Roselle Bank. For the three and nine months ended September 30, 2022 and 2021, the Company recorded a net periodic benefit cost of $3,000 and $9,000, and $2,000 and $6,000 respectively, in connection with this plan.

Freehold Bank has a non-contributory defined benefit supplemental executive plan with the only participant being the former president of Freehold Bank. For the three and nine months ended September 30, 2022, the Company recorded a net periodic benefit cost of $2,000 and $6,000, respectively, in connection with this plan.

In addition, through the acquisition of the RSI Entities, the Company acquired a non-contributory defined benefit supplemental executive retirement plan with the only participant being a former president of RSI Bank. For the three and nine months ended September 30, 2022, the Company recorded a net periodic benefit cost of $16,000 and $27,000, respectively, in connection with this plan.

14. Fair Value Measurements

The Company utilizes fair value measurements to record fair value adjustments to certain assets and liabilities and to determine fair value disclosures. The determination of fair values of financial instruments often requires the use of estimates. Where quoted market values in an active market are not readily available, the Company utilizes various valuation techniques to estimate fair value.

Fair value is the exchange price that would be received for an asset or paid to transfer a liability (exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. There are three levels of inputs that may be used to measure fair values:

Level 1: Unadjusted quoted prices for identical assets or liabilities in active markets that the Company has the ability to access on the measurement date.

Level 2: Inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly or indirectly. These might include quoted prices for similar instruments in markets that are active or not active, or inputs that are observable or can be corroborated by observable market data for substantially the full term of the asset or liability.

Level 3: Prices or valuation techniques that require unobservable inputs that are both significant to the fair value measurement and unobservable (i.e., supported by minimal or no market activity). Valuation techniques include the use of option pricing models, discounted cash flow models and similar techniques.

A financial instrument's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement.

Assets and Liabilities Measured at Fair Value on a Recurring Basis

The methods described below were used to measure fair value of financial instruments as reflected in the tables below on a recurring basis at September 30, 2022 and December 31, 2021.

14. Fair Value Measurements (continued)

Debt Securities Available for Sale, at Fair Value

For debt securities available for sale, fair value was estimated using a market approach. The majority of these securities are fixed income instruments that are not quoted on an exchange, but are traded in active markets. Prices for these instruments are obtained through third-party data service providers or dealer market participants with which the Company has historically transacted both purchases and sales of securities. Prices obtained from these sources include market quotations, matrix pricing and discounted cash flow pricing. Matrix pricing, a Level 2 input, is a mathematical technique used principally to value certain securities to a benchmark or to comparable securities. The Company evaluates the quality of Level 2 matrix pricing through comparison to similar assets with greater liquidity and evaluation of projected cash flows. Discounted cash flows, a Level 3 input, is estimated by discounting the expected future cash flows using the current rates for securities with similar credit ratings and similar remaining maturities. As the Company is responsible for the determination of fair value, it performs quarterly analysis on the prices received from the pricing service to determine whether the prices are reasonable estimates of fair value. Specifically, the Company compares the prices received from the pricing service to a secondary pricing source. Additionally, the Company compares changes in the reported market values and returns to relevant market indices to assess the reasonableness of the reported prices. The Company's internal price verification procedures and review of fair value methodology documentation provided by independent pricing services has not historically resulted in an adjustment in the prices obtained from the pricing service. The Company may hold debt instruments issued by the U.S. government and U.S. government-sponsored agencies that are traded in active markets with readily accessible quoted market prices that are considered Level 1 inputs. The Company classifies the estimated fair value of its loan portfolio as Level 3.

Equity Securities, at Fair Value

The Company holds equity securities that are traded in active markets with readily accessible quoted market prices that are considered Level 1 inputs. A trust preferred security that is not traded in an active market and Federal Home Loan Mortgage Corporation ("FHLMC") and Federal National Mortgage Association ("FNMA") preferred stock are considered Level 2 instruments. In addition, Level 2 instruments include Atlantic Community Bankers Bank ("ACCB") stock, which is based on redemption at par value and can only be sold to the issuing ACBB or another institution that holds ACBB stock.

Derivatives

The Company records all derivatives included in other assets and liabilities on the Consolidated Statements of Financial Condition at fair value. The accounting for changes in the fair value of derivatives depends on the intended use of the derivative, whether the Company has elected to designate a derivative in a hedging relationship and apply hedge accounting, and whether the hedging relationship has satisfied the criteria necessary to apply hedge accounting. See note 16 for disclosures related to the accounting treatment for derivatives.

The fair value of the Company's derivatives is determined using discounted cash flow analysis using observable market-based inputs, which are considered Level 2 inputs.

14. Fair Value Measurements (continued)

The following tables present the assets and liabilities reported on the Consolidated Statements of Financial Condition at their fair values at September 30, 2022 and December 31, 2021, by level within the fair value hierarchy:

	September 30, 2022			
		Fair Value Measurements		
	Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
	(In thousands)			
Debt securities available for sale:				
U.S. government and agency obligations	$ 63,281	$ 54,771	$ 8,510	$ —
Mortgage-backed securities and collateralized mortgage obligations	1,223,652	—	1,223,652	—
Municipal obligations	3,557	—	887	2,670
Corporate debt securities	81,231	—	71,532	9,699
Total debt securities available for sale	1,371,721	54,771	1,304,581	12,369
Equity securities	3,453	3,115	338	—
Derivative assets	19,897	—	19,897	—
	$ 1,395,071	$ 57,886	$ 1,324,816	$ 12,369
Derivative liabilities	19,511	$ —	$ 19,511	$ —

	December 31, 2021			
		Fair Value Measurements		
	Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
	(In thousands)			
Debt securities available for sale:				
U.S. government and agency obligations	$ 34,879	$ 34,879	$ —	$ —
Mortgage-backed securities and collateralized mortgage obligations	1,554,359	—	1,554,359	—
Municipal obligations	4,179	—	4,179	—
Corporate debt securities	110,430	—	110,430	—
Total debt securities available for sale	1,703,847	34,879	1,668,968	—
Equity securities	2,710	2,364	346	
Derivative assets	9,492	—	9,492	—
	$ 1,716,049	$ 37,243	$ 1,678,806	$ —
Derivative liabilities	$ 17,366	$ —	$ 17,366	$ —

14. Fair Value Measurements (continued)

The table below provides activity of assets reported as Level 3 for the period ended September 30, 2022:

	Significant Unobservable Inputs (Level 3)
	(In thousands)
Debt securities available for sale:	
Balance of recurring Level 3 assets -December 31, 2021	$ —
Transfers into Level 3 assets	13,539
Balance of recurring Level 3 assets - June 30, 2022	13,539
Maturity of Level 3 asset	(914)
Change in fair value of Level 3 assets	(256)
Balance of recurring Level 3 assets - September 30, 2022	$ 12,369

The fair value of investments placed in Level 3 is estimated by discounting the expected future cash flows using reasonably available current rates for comparable new issue securities with similar structure, including original maturity, call date, and assumptions about risk. Discounted cash flow estimated valuations are subsequently validated against comparable structures as an approximation of value.

Expected cash flows were projected based on contractual cash flows. Two private placement corporate debt securities classified as available for sale and four private placement municipal obligations classified as available for sale were transferred from Level 2 to Level 3 during the nine months ended September 30, 2022. There were no transfers to Level 3 assets during the three months ended September 30, 2022.

Private placement debt security cash flows were discounted to a market yield of 8.00% (weighted average is 8.00%), and the cash flows for private placement municipal obligations were discounted to a market yield ranging from 3.02% to 3.05% (weighted average is 3.04%).

The period end valuations were support by an analysis prepared by an independent third party market participant and approved by management.

There were no Level 3 assets measured at fair value on a recurring basis at December 31, 2021.

Assets Measured at Fair Value on a Non-Recurring Basis

The valuation techniques described below were used to estimate fair value of financial instruments measured on a non-recurring basis at September 30, 2022 and December 31, 2021.

Impaired Loans

Loans which meet certain criteria are evaluated individually for impairment. Loan impairment is measured based on the present value of expected future cash flows discounted at the loan's effective interest rate or, as a practical expedient, at the loan's observable market price or the fair value of the collateral if the loan is collateral dependent. For loans measured for impairment based on the fair value of the underlying collateral, fair value was estimated using a market approach. The Company measures the fair value of collateral underlying impaired loans primarily through obtaining independent appraisals that rely upon quoted market prices for similar assets in active markets. These appraisals include adjustments, on an individual case-by-case basis, to comparable assets based on the appraisers' market knowledge and experience, as well as adjustments for estimated costs to sell between 6.0% and 8.0%. The Company classifies these loans as Level 3 within the fair value hierarchy.

14. Fair Value Measurements (continued)

Mortgage Servicing Rights, Net ("MSR's")

Mortgage servicing rights are carried at the lower of cost or estimated fair value. The estimated fair value of MSRs is obtained through an analysis of future cash flows, incorporating assumptions that market participants would use in determining fair value including market discount rates, prepayments speeds, servicing income, servicing costs, default rates and other market driven data, including the market's perception of future interest rate movements. The prepayment speed and the discount rate are considered two of the most significant inputs in the model. A significant degree of judgment is involved in valuing the mortgage servicing rights using Level 3 inputs. The use of different assumptions could have a significant effect on this fair value estimate.

The following tables present the assets and liabilities reported on the Consolidated Statements of Financial Condition at their fair values on a non-recurring basis at September 30, 2022 and December 31, 2021, by level within the fair value hierarchy:

	September 30, 2022			
		Fair Value Measurements		
	Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
	(In thousands)			
Mortgage servicing rights	$ 2,309	$ —	$ —	$ 2,309
	$ 2,309	$ —	$ —	$ 2,309

	December 31, 2021			
		Fair Value Measurements		
	Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
	(In thousands)			
Impaired loans	$ 1,213	$ —	$ —	$ 1,213
Mortgage servicing rights	1,906	—	—	1,906
	$ 3,119	$ —	$ —	$ 3,119

The following table presents information for Level 3 assets measured at fair value on a non-recurring basis at September 30, 2022 and December 31, 2021:

	September 30, 2022				
	Fair Value	Valuation Methodology	Unobservable Inputs	Range of Inputs	Weighted Average
	(Dollars in thousands)				
Mortgage servicing rights	$ 2,309	Discounted cash flow	Prepayment speeds and discount rates [1]	4.2% - 21.1%	6.9 %

14. Fair Value Measurements (continued)

	December 31, 2021					
	Fair Value		Valuation Methodology	Unobservable Inputs	Range of Inputs	Weighted Average
	(Dollars in thousands)					
Impaired loans	$	1,213	Other	Contracted sales price of collateral	— %	— %
Mortgage servicing rights	$	1,906	Discounted cash flow	Prepayment speeds and discount rates (2)	7.5% - 24.9%	12.7 %

(1) Value of SBA servicing rights based on a discount rate of 13.25%.
(2) Value of SBA servicing rights based on a discount rate of 10.25%.

Other Fair Value Disclosures

The Company is required to disclose estimated fair value of financial instruments, both assets and liabilities on and off the balance sheet, for which it is practicable to estimate fair value. A description of the valuation methodologies used for those assets and liabilities not recorded at fair value on a recurring or non-recurring basis are set forth below.

Cash and Cash Equivalents

For cash and due from banks, federal funds sold and short-term investments, the carrying amount approximates fair value due to their nature and short-term maturities.

Debt Securities Held to Maturity

For debt securities held to maturity, fair value was estimated using a market approach. The majority of the Company's securities are fixed income instruments that are not quoted on an exchange, but are traded in active markets. Prices for these instruments are obtained through third-party data service providers or dealer market participants with which the Company has historically transacted both purchases and sales of securities. Prices obtained from these sources include market quotations and matrix pricing. Matrix pricing, a Level 2 input, is a mathematical technique used principally to value certain securities to a benchmark or to comparable securities. The Company evaluates the quality of Level 2 matrix pricing through comparison to similar assets with greater liquidity and evaluation of projected cash flows. As the Company is responsible for the determination of fair value, it performs quarterly analysis on the prices received from the pricing service to determine whether the prices are reasonable estimates of fair value. Specifically, the Company compares the prices received from the pricing service to a secondary pricing source. Additionally, the Company compares changes in the reported market values and returns to relevant market indices to assess the reasonableness of the reported prices. The Company's internal price verification procedures and review of fair value methodology documentation provided by independent pricing services has not historically resulted in an adjustment in the prices obtained from the pricing service. The Company also holds debt instruments issued by the U.S. government and U.S. government-sponsored agencies that are traded in active markets with readily accessible quoted market prices that are considered Level 1 inputs within the fair value hierarchy.

Federal Home Loan Bank Stock ("FHLB")

The fair value of FHLB stock is based on redemption at par value and can only be sold to the issuing FHLB, to other FHLBs, or to other member banks. As such, the Company's FHLB stock is recorded at cost, or par value, and is evaluated for impairment each reporting period by considering the ultimate recoverability of the investment rather than temporary declines in value. The Company classifies the estimated fair value as Level 2 within the fair value hierarchy.

14. Fair Value Measurements (continued)

Loans Receivable

Fair values are estimated for portfolios of loans with similar financial characteristics. Loans are segregated by type such as commercial mortgage, residential mortgage, commercial, construction, and consumer and other. Each loan category is further segmented into fixed and adjustable rate interest terms and into performing and non-performing categories.

The fair value of performing loans was estimated using a combination of techniques, including a discounted cash flow model that utilizes a discount rate that reflects the Company's current pricing for loans with similar characteristics and remaining maturity, adjusted by an amount for estimated credit losses inherent in the portfolio at the balance sheet date. The rates take into account the expected yield curve, as well as an adjustment for prepayment risk, when applicable. The Company classifies the estimated fair value of its loan portfolio as Level 3.

The fair value for significant non-performing loans was based on recent external appraisals of collateral securing such loans, adjusted for the timing of anticipated cash flows. The Company classifies the estimated fair value of its non-performing loan portfolio as Level 3.

Deposits

The fair value of deposits with no stated maturity, such as demand, money market, and savings and club deposits are payable on demand at each reporting date and classified as Level 2. The estimated fair value of certificates of deposit was based on the discounted value of contractual cash flows. The discount rate was estimated using the Company's current rates offered for deposits with similar remaining maturities. The Company classifies the estimated fair value of its certificates of deposit portfolio as Level 2.

Borrowings

The fair value of borrowings was estimated by discounting future cash flows using rates available for debt with similar terms and maturities and is classified by the Company as Level 2 within the fair value hierarchy.

Commitments to Extend Credit and Letters of Credit

The fair value of commitments to extend credit and letters of credit was estimated using the fees currently charged to enter into similar agreements, taking into account the remaining terms of the agreements and the present creditworthiness of the counter-parties. For fixed rate loan commitments, fair value also considers the difference between current levels of interest rates and the committed rates. The fair value estimates of commitments to extend credit and letters of credit are deemed immaterial.

14. Fair Value Measurements (continued)

The following tables present the assets and liabilities reported on the Consolidated Statements of Financial Condition at their fair values at September 30, 2022 and December 31, 2021:

	September 30, 2022				
			Fair Value Measurements		
	Carrying Value	Total Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
	(In thousands)				
Financial assets:					
Cash and cash equivalents	$ 102,048	$ 102,048	$ 102,048	$ —	$ —
Debt securities available for sale	1,371,721	1,371,721	54,771	1,304,581	12,369
Debt securities held to maturity	425,077	373,494	—	373,494	—
Equity securities	3,453	3,453	3,115	338	—
Federal Home Loan Bank stock	37,726	37,726	—	37,726	—
Loans receivable, net	7,274,332	6,441,458	—	—	6,441,458
Derivative assets	19,897	19,897	—	19,897	—
Financial liabilities:					
Deposits	$ 8,064,893	$ 8,001,656	$ —	$ 8,001,656	$ —
Borrowings	674,018	667,380	—	667,380	—
Derivative liabilities	19,511	19,511	—	19,511	—

	December 31, 2021				
			Fair Value Measurements		
	Carrying Value	Total Fair Value	Quoted prices in active markets for identical assets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)
	(In thousands)				
Financial assets:					
Cash and cash equivalents	$ 70,963	$ 70,963	$ 70,963	$ —	$ —
Debt securities available for sale	1,703,847	1,703,847	34,879	1,668,968	—
Debt securities held to maturity	429,734	434,789	—	434,789	—
Equity securities	2,710	2,710	2,364	346	—
Federal Home Loan Bank stock	23,141	23,141	—	23,141	—
Loans receivable, net	6,297,912	6,457,766	—	—	6,457,766
Derivative assets	9,492	9,492	—	9,492	—
Financial liabilities:					
Deposits	$ 7,570,216	$ 7,564,210	$ —	$ 7,564,210	$ —
Borrowings	377,309	378,810	—	378,810	—
Derivative liabilities	17,366	17,366	—	17,366	—

14. Fair Value Measurements (continued)

Limitations

Fair value estimates are made at a specific point in time, based on relevant market information and information about the financial instrument. These estimates do not reflect any premium or discount that could result from offering for sale at one time the Company's entire holdings of a particular financial instrument. Because limited markets exist for a significant portion of the Company's financial instruments, fair value estimates are based on judgments regarding future expected loss experience, current economic conditions, risk characteristics of various financial instruments, and other factors. These estimates are subjective in nature and involve uncertainties and matters of significant judgment and, therefore, cannot be determined with precision. Changes in assumptions could significantly affect the estimates.

Fair value estimates are based on existing on and off balance sheet financial instruments without attempting to estimate the value of anticipated future business and the value of assets and liabilities that are not considered financial instruments. Other significant assets and liabilities that are not considered financial assets or liabilities include goodwill and intangibles assets, deferred tax assets, office properties and equipment, and bank-owned life insurance.

15. Other Comprehensive Income (Loss)

The following tables present the components of other comprehensive income (loss), both gross and net of tax, for the three and nine months ended September 30, 2022 and 2021:

	For the Three Months Ended September 30,					
	2022			2021		
	Before Tax	Tax Effect	After Tax	Before Tax	Tax Effect	After Tax
	(In thousands)					
Components of other comprehensive income (loss):						
Unrealized (loss) on debt securities available for sale:	$ (65,744)	$ 18,589	$ (47,155)	$ (13,609)	$ 3,666	$ (9,943)
Accretion of unrealized (loss) on debt securities reclassified as held to maturity	(19)	6	(13)	(3)	1	(2)
Reclassification adjustment for gain included in net income	—	—	—	2,296	(505)	1,791
	(65,763)	18,595	(47,168)	(11,316)	3,162	(8,154)
Derivatives:						
Unrealized gain on swap contracts accounted for as cash flow hedges	1,639	(457)	1,182	2,035	(568)	1,467
	1,639	(457)	1,182	2,035	(568)	1,467
Employee benefit plans:						
Amortization of prior service cost included in net income	(14)	3	(11)	(14)	4	(10)
Reclassification adjustment of actuarial net (loss) included in net income	(339)	95	(244)	(1,511)	422	(1,089)
Change in funded status of retirement obligations	1,148	(211)	937	3,050	(852)	2,198
	795	(113)	682	1,525	(426)	1,099
Total other comprehensive (loss)	$ (63,329)	$ 18,025	$ (45,304)	$ (7,756)	$ 2,168	$ (5,588)

15. Other Comprehensive Income (Loss) (continued)

	For the Nine Months Ended September 30,					
	2022			2021		
	Before Tax	Tax Effect	After Tax	Before Tax	Tax Effect	After Tax
	(In thousands)					
Components of other comprehensive income (loss):						
Unrealized (loss) on debt securities available for sale:	$ (198,171)	$ 55,528	$ (142,643)	$ (26,804)	$ 4,615	$ (22,189)
Accretion of unrealized (loss) on debt securities reclassified as held to maturity	(28)	7	(21)	(24)	24	—
Reclassification adjustment for gain included in net income	210	(59)	151	2,015	(426)	1,589
	(197,989)	55,476	(142,513)	(24,813)	4,213	(20,600)
Derivatives:						
Unrealized gain on swap contracts accounted for as cash flow hedges	7,171	(2,004)	5,167	9,182	(1,084)	8,098
	7,171	(2,004)	5,167	9,182	(1,084)	8,098
Employee benefit plans:						
Amortization of prior service cost included in net income	(42)	11	(31)	(42)	11	(31)
Reclassification adjustment of actuarial net (loss) included in net income	(1,017)	285	(732)	(4,533)	1,266	(3,267)
Change in funded status of retirement obligations	(23,851)	6,730	(17,121)	40,541	(3,971)	36,570
	(24,910)	7,026	(17,884)	35,966	(2,694)	33,272
Total other comprehensive (loss) income	$ (215,728)	$ 60,498	$ (155,230)	$ 20,335	$ 435	$ 20,770

15. Other Comprehensive Income (Loss) (continued)

The following tables present the changes in the components of accumulated other comprehensive income (loss), net of tax, for the three and nine months ended September 30, 2022 and 2021:

	For the Three Months Ended September 30,							
	2022				2021			
	Unrealized (Losses) on Debt Securities Available for Sale	Unrealized (Losses) on Swaps	Employee Benefit Plans	Accumulated Other Comprehensive (Loss)	Unrealized Gains on Debt Securities Available for Sale	Unrealized (Losses) on Swaps	Employee Benefit Plans	Accumulated Other Comprehensive (Loss)
	(In thousands)							
Balance at beginning of period	$ (93,701)	$ (932)	$ (61,212)	$ (155,845)	$ 18,582	$ (10,225)	$ (51,624)	$ (43,267)
Current period changes in other comprehensive (loss) income	(47,168)	1,182	682	(45,304)	(8,154)	1,467	1,099	(5,588)
Total other comprehensive (loss) income	$ (140,869)	$ 250	$ (60,530)	$ (201,149)	$ 10,428	$ (8,758)	$ (50,525)	$ (48,855)

	For the Nine Months Ended September 30,							
	2022				2021			
	Unrealized (Losses) on Debt Securities Available for Sale	Unrealized (Losses) on Swaps	Employee Benefit Plans	Accumulated Other Comprehensive (Loss)	Unrealized Gains on Debt Securities Available for Sale	Unrealized (Losses) on Swaps	Employee Benefit Plans	Accumulated Other Comprehensive (Loss)
	(In thousands)							
Balance at beginning of period	$ 1,644	$ (4,917)	$ (42,646)	$ (45,919)	$ 31,028	$ (16,856)	$ (83,797)	$ (69,625)
Current period changes in other comprehensive (loss) income	(142,513)	5,167	(17,884)	(155,230)	(20,600)	8,098	33,272	20,770
Total other comprehensive (loss) income	$ (140,869)	$ 250	$ (60,530)	$ (201,149)	$ 10,428	$ (8,758)	$ (50,525)	$ (48,855)

15. Other Comprehensive Income (Loss) (continued)

The following tables reflect amounts reclassified from accumulated other comprehensive income (loss) to the Consolidated Statements of Income and the affected line item in the statement where net income is presented for the three and nine months ended September 30, 2022 and 2021:

	Accumulated Other Comprehensive Income (Loss) Components		
	For the Three Months Ended September 30,		Affected Line Items in the Consolidated Statements of Income
	2022	2021	
	(In thousands)		
Reclassification adjustment for gain included in net income	$ —	$ 2,296	Gain on securities transactions
Reclassification adjustment of actuarial net (loss) included in net income	(339)	(1,511)	Other non-interest expense
Total before tax	(339)	785	
Income tax benefit	95	(83)	
Net of tax	$ (244)	$ 702	

	Accumulated Other Comprehensive Income (Loss) Components		
	For the Nine Months Ended September 30,		Affected Line Items in the Consolidated Statements of Income
	2022	2021	
	(In thousands)		
Reclassification adjustment for gain included in net income	$ 210	$ 2,015	Gain on securities transactions
Reclassification adjustment of actuarial net (loss) included in net income	(1,017)	(4,533)	Other non-interest expense
Total before tax	(807)	(2,518)	
Income tax benefit	226	840	
Net of tax	$ (581)	$ (1,678)	

16. Derivatives and Hedging Activities

The Company uses derivative financial instruments as components of its market risk management, principally to manage interest rate risk. Certain derivatives are entered into in connection with transactions with commercial customers. Derivatives are not used for speculative purposes. All derivatives are recognized as either assets or liabilities in the Consolidated Statements of Financial Condition, reported at fair value and presented on a gross basis. Until a derivative is settled, a favorable change in fair value results in an unrealized gain that is recognized as an asset, while an unfavorable change in fair value results in an unrealized loss that is recognized as a liability.

The Company generally applies hedge accounting to its derivatives used for market risk management purposes. Hedge accounting is permitted only if specific criteria are met, including a requirement that a highly effective relationship exists between the derivative instrument and the hedged item, both at inception of the hedge and on an ongoing basis. Changes in the fair value of effective fair value hedges are recognized in current earnings (with the change in fair value of the hedged asset or liability also recognized in earnings). Changes in the fair value of effective cash flow hedges are recognized in other comprehensive income (loss) until earnings are affected by the variability in cash flows of the designated hedged item. Ineffective portions of hedge results are recognized in current earnings. Changes in the fair value of derivatives for which hedge accounting is not applied are recognized in current earnings.

The Company formally documents at inception all relationships between the derivative instruments and the hedged items, as well as its risk management objectives and strategies for undertaking the hedge transactions. This process includes linking all derivatives that are designated as hedges to specific assets and liabilities, or to specific firm commitments. The Company also formally assesses, both at inception of the hedge and on an ongoing basis, whether the derivatives that are used in hedging transactions are highly effective in offsetting changes in the fair values or cash flows of the hedged items. If it is determined that a derivative is not highly effective or has ceased to be a highly effective hedge, the Company would discontinue hedge accounting prospectively. Gains or losses resulting from the termination of a derivative accounted for as a cash flow hedge remain in other comprehensive income (loss) and is (accreted) amortized to earnings over the remaining period of the former hedging relationship.

Certain derivative financial instruments are offered to certain commercial banking customers to manage their risk of exposure and risk management strategies. These derivative instruments consist primarily of currency forward contracts and interest rate swap contracts. The risk associated with these transactions is mitigated by simultaneously entering into similar transactions having essentially offsetting terms with a third party. In addition, the Company executes interest rate swaps with third parties in order to hedge the interest rate risk of short-term FHLB advances.

Currency Forward Contracts. At September 30, 2022 and December 31, 2021, the Company had no currency forward contracts in place with commercial banking customers.

Interest Rate Swaps. At September 30, 2022 and December 31, 2021, the Company had 54 and 52 interest rate swaps in place with commercial banking customers executed by offsetting interest rate swaps with third parties, with aggregated notional amounts of $205.0 million and $183.4 million, respectively. These derivatives are not designated as hedges and are not speculative. These interest rate swaps do not meet hedge accounting requirements.

At September 30, 2022 and December 31, 2021, the Company had 10 and 14 interest rate swaps with notional amounts of $140.0 million and $190.0 million, respectively, hedging certain FHLB advances. These interest rate swaps meet the cash flow hedge accounting requirements. Interest rate swaps designated as cash flow hedges involve the receipt of variable amounts from a counter-party in exchange for the Company making fixed-rate payments over the life of the agreements without the exchange of the underlying notional amount.

At September 30, 2022, the Company had two interest rate swaps hedged against pools of floating rate commercial loans with notional amounts totaling $100.0 million. These swaps meet the cash flow hedge accounting requirements. Interest rate swaps designated as cash flow hedges involve the receipt of variable amounts from a counter-party in exchange for the Company making fixed-rate payments over the life of the agreements without the exchange of the underlying notional amount. At December 31, 2021, the Company had no interest rate swaps hedged against pools of floating rate commercial loans.

For the three and nine months ended September 30, 2022 and 2021, the Company did not record any hedge ineffectiveness associated with these contracts.

16. Derivatives and Hedging Activities (continued)

The tables below present the fair value of the Company's derivative financial instruments as well as their classification in the Consolidated Statements of Financial Condition at September 30, 2022 and December 31, 2021:

	September 30, 2022			
	Asset Derivative		Liability Derivative	
	Consolidated Statements of Financial Condition	Fair Value	Consolidated Statements of Financial Condition	Fair Value
	(In thousands)			
Derivatives:				
Interest rate swaps	Other Assets	$ 19,897	Other Liabilities	$ 19,511
Total derivative instruments		$ 19,897		$ 19,511

	December 31, 2021			
	Asset Derivative		Liability Derivative	
	Consolidated Statements of Financial Condition	Fair Value	Consolidated Statements of Financial Condition	Fair Value
	(In thousands)			
Derivatives:				
Interest rate swaps	Other Assets	$ 9,492	Other Liabilities	$ 17,366
Total derivative instruments		$ 9,492		$ 17,366

For the three months ended September 30, 2022 and 2021, gains of $118,000 and losses of $12,000, respectively, were recorded for changes in fair value of interest rate swaps with third parties. For the nine months ended September 30, 2022 and 2021, gains of $594,000 and $189,000, respectively, were recorded for changes in fair value of interest rate swaps with third parties.

At September 30, 2022 and December 31, 2021, accrued interest was $71,000 and $567,000.

The Company has agreements with counterparties that contain a provision that if the Company defaults on any of its indebtedness, including default where repayment of the indebtedness has not been accelerated by the lender, then the Company could also be declared in default of its derivative obligations.

At September 30, 2022, the termination value of derivatives in a net asset position, which includes accrued interest, was $315,000. The Company has collateral posting thresholds with certain of its derivative counterparties, and has posted collateral of $482,000 against its obligations under these agreements.

17. Revenue Recognition

The Company's revenue includes net interest income on financial instruments and non-interest income. Most of the Company's revenue is not within the scope of Accounting Standards Codification Topic 606 which does not apply to revenue associated with financial instruments, including interest income on loans and securities, which comprise the majority of the Company's revenue. Revenue-generating activities that are within the scope of this guidance are components of non-interest income. These revenue streams can generally be classified as demand deposit account fees, title insurance fees, insurance agency income and other fees.

17. Revenue Recognition (continued)

The following table presents non-interest income, segregated by revenue streams in-scope and out-of-scope of Topic 606, for the three and nine months ended September 30, 2022 and 2021.

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2022	2021	2022	2021
	(In thousands)			
Non-interest income				
In-scope of Topic 606:				
Demand deposit account fees	$ 1,510	$ 986	$ 4,129	$ 2,682
Title insurance fees	796	1,431	2,788	4,554
Insurance agency income	38	—	83	—
Other non-interest income	2,194	1,934	6,334	5,633
Total in-scope non-interest income	4,538	4,351	13,334	12,869
Total out-of-scope non-interest income	3,626	4,523	9,540	18,991
Total non-interest income	$ 8,164	$ 8,874	$ 22,874	$ 31,860

Demand deposit account fees include monthly maintenance fees and service charges. These fees are generally derived as a result of either transaction-based or serviced-based services. The Company's performance obligation for these services is generally satisfied, and revenue recognized, at the time the transaction is completed or the service rendered. Fees for these services are generally received from the customer either at the time of the transaction or monthly.

Title insurance fees are generally recognized at the time the transaction closes or when the service is rendered.

RSI Insurance Agency, Inc. performs the function of an insurance intermediary, by introducing the policyholder and insurer for life and health, and property and casualty insurance, and is compensated by a commission fee for placement of an insurance policy. Commission and fees are generally recognized as of the effective date of the insurance policy. Commission revenues related to installment billings are recognized on the invoice date. Subsequent commission adjustments are recognized upon the receipt of notification from insurance companies concerning matters necessitating such adjustments.

Other non-interest income includes check printing fees, traveler's check fees, gift card fees, branch service fees, overdraft fees, account analysis fees, other deposit related fees, wealth management related fee income which includes annuity fees, brokerage commissions, and asset management fees. Wealth management related fee income represent fees earned from customers as consideration for asset management and investment advisory services provided by a third party. The Company's performance obligation is generally satisfied monthly and the resulting fees are recognized monthly based upon the month-end market value of the assets under management and the applicable fee rate. The Company does not earn performance-based incentives. The Company's performance obligation for these transaction-based services are generally satisfied, and related revenue recognized, at the time the transaction closes or when the service is rendered or a point in time when the service is completed.

Also included in other fees are debit card and ATM fees which are transaction-based. Debit card revenue is primarily comprised of interchange fees earned when a customer's Company card is processed through a card payment network. ATM fees are largely generated when a Company cardholder uses a non-Company ATM, or a non-Company cardholder uses a Company ATM. The Company's performance obligation for these services is satisfied when the service is rendered. Payment is generally received at time of transaction or monthly.

Out-of-scope non-interest income primarily consists of income from bank-owned life insurance, loan prepayment and servicing fees, net fees loan level swaps, gains and losses on the sale of loans and securities, credit card interchange income, changes in the fair value of equity securities, and proceeds from an insurance settlement. None of these revenue streams are subject to the requirements of Topic 606.

18. Subsequent Events

The Company has evaluated events subsequent to September 30, 2022 and through the financial statement issuance date of November 9, 2022, and concluded that no material events occurred that would require disclosure.

Forward-Looking Statements

Certain statements contained herein are "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Such forward-looking statements may be identified by reference to a future period or periods, or by the use of forward-looking terminology, such as "may," "will," "believe," "expect," "estimate," "project," "intend," "anticipate," "continue," or similar terms or variations on those terms, or the negative of those terms. Forward-looking statements are subject to numerous risk factors and uncertainties, including, but not limited to, those set forth in Item 1A of the Company's Annual Report on Form 10-K as supplemented by its Quarterly Reports on Form 10-Q, and those related to the economic environment, particularly in the market areas in which the Company operates, competitive products and pricing, as well as its impact on fiscal and monetary policies of the U.S. Government, changes in government regulations affecting financial institutions, including regulatory fees and capital requirements, changes in prevailing interest rates, higher inflation and its impact on national and local economic conditions, the Company's ability to successfully implement its business strategy, acquisitions and the integration of acquired businesses, credit risk management, the effect of the COVID-19 pandemic (including its impact on our borrowers and their ability to repay their loans, and on the local and national economies), asset-liability management, the financial and securities markets, and the availability of and costs associated with sources of liquidity.

The Company cautions readers not to place undue reliance on any such forward-looking statements which speak only as of the date made. The Company also advises readers that the factors listed above could affect the Company's financial performance and could cause the Company's actual results for future periods to differ materially from any opinions or statements expressed with respect to future periods in any current statements. The Company does not have any obligation to update any forward-looking statements to reflect any subsequent events or circumstances after the date of this statement.

Comparison of Financial Condition at September 30, 2022 and December 31, 2021

Total assets increased $788.1 million, or 8.5%, to $10.0 billion at September 30, 2022 from $9.2 billion at December 31, 2021. The increase in total assets was primarily attributable to an increase in cash and cash equivalents of $31.1 million, an increase in loans receivable, net of $976.4 million, an increase in bank-owned life insurance of $15.7 million, an increase in goodwill and intangibles of $34.6 million, and an increase in other assets of $44.3 million, partially offset by a decrease in debt securities available for sale of $332.1 million.

Cash and cash equivalents increased $31.1 million, or 43.8%, to $102.0 million at September 30, 2022 from $71.0 million at December 31, 2021. The increase was primarily attributable to $140.8 million in cash and cash equivalents acquired in the RSI Bank acquisition, repayments on loans and mortgage-backed securities, and proceeds from the sale of $126.8 million of debt securities available for sale, partially offset by $142.2 million in purchases of debt securities available for sale, and $71.8 million in repurchases of common stock under our stock repurchase program.

Debt securities available for sale decreased $332.1 million, or 19.5%, to $1.4 billion at September 30, 2022 from $1.7 billion at December 31, 2021. The decrease was attributable to repayments on securities of $226.0 million, sales of securities of $126.8 million, and a decrease in the gross unrealized gain (loss) of $197.9 million, predominately due to rising interest rates, partially offset by purchases of securities of $142.2 million, primarily consisting of U.S government and agency obligations and mortgage-backed securities and $79.0 million of debt securities available for sale acquired due to the RSI Bank acquisition.

Loans receivable, net, increased $976.4 million, or 15.5%, to $7.3 billion at September 30, 2022 from $6.3 billion at December 31, 2021. One-to-four family real estate loans, multi-family real estate loans, commercial real estate loans, commercial business loans, and home equity loans and advances increased $613.8 million, $101.4 million, $184.6 million, $45.2 million, and $3.3 million, respectively, partially offset by a decrease in construction loans of $5.4 million. The Company acquired $335.5 million in loans from the RSI Bank acquisition during the second quarter of 2022. The allowance for credit losses for loans decreased $10.8 million to $51.9 million at September 30, 2022 from $62.7 million at December 31, 2021. A $16.8 million decrease in the allowance for credit losses for loans was recorded on January 1, 2022 upon adoption of the CECL standard. During the nine months ended September 30, 2022, the allowance for credit losses increased $7.1 million, primarily due to an increase in the outstanding balance of loans, including $1.9 million in allowance for credit losses recorded on loans acquired from RSI Bank. The September 30, 2022 methodology and impact of loss rates and qualitative factors remained consistent with those established upon initial adoption of the CECL standard.

Bank-owned life insurance increased $15.7 million, or 6.4%, to $263.2 million at September 30, 2022 from $247.5 million at December 31, 2021. The increase was mainly attributable to bank-owned life insurance of $13.0 million acquired in connection with the RSI Bank acquisition.

Goodwill and intangibles increased $34.6 million, or 37.7%, to $126.3 million at September 30, 2022 from $91.7 million at December 31, 2021. The increase is attributable to $25.9 million in adjusted goodwill and $10.3 million in core deposit intangibles initially recorded due to the RSI Bank acquisition.

Other assets increased $44.3 million, or 17.7%, to $293.9 million at September 30, 2022 from $249.6 million at December 31, 2021. The increase in other assets consisted of an increase of $54.8 million in net deferred tax assets, an increase of $10.1 million in interest rate swap assets, and an increase of $5.2 million in a low income housing tax credit asset, partially offset by a decrease of $17.2 million in the collateral balance related to our swap program and a decrease of $5.8 million in the Company's pension balance.

Total liabilities increased $837.5 million, or 10.3%, to $9.0 billion at September 30, 2022 from $8.1 billion at December 31, 2021. The increase was primarily attributable to an increase in total deposits of $494.7 million, or 6.5%, an increase in borrowings of $296.7 million, or 78.6%, and an increase in accrued expenses and other liabilities of $38.1 million, or 23.7%. The increase in total deposits primarily consisted of increases in non-interest bearing demand deposits, interest-bearing demand deposits, money market accounts, savings and club deposits, and certificates of deposit of $34.6 million, $101.6 million, $55.7 million, $137.7 million, and $165.0 million respectively. These increases included $502.7 million in deposits assumed in connection with the RSI Bank acquisition. The increase in borrowings was primarily driven by a $67.7 million increase in FHLB overnight borrowings and a $229.2 million increase in FHLB term advances, of which $5.8 million were acquired due to the RSI Bank acquisition. The increase in accrued expenses and other liabilities primarily consisted of $10.6 million in accrued expenses and other liabilities related to the RSI Bank acquisition, a $5.2 million increase in a low income housing tax credit liability, a $8.5 million increase in outstanding checks, a $6.1 million increase in allowance for credit losses for unfunded commitments, and a $2.9 million increase in interest rate swap liabilities.

Total stockholders' equity decreased $49.4 million, or 4.6%, to $1.0 billion at September 30, 2022 from $1.1 billion at December 31, 2021. The decrease in equity was primarily attributable to an increase of $198.2 million in unrealized losses on debt securities available for sale, net of taxes, included in other comprehensive income, and the repurchase of 3,420,747 shares of common stock totaling $71.8 million, or $20.98 per share, under our stock repurchase program, partially offset by net income of $64.3 million and an increase in paid-in capital primarily due to the issuance of 6,086,314 shares, totaling $102.7 million, of Company common stock to Columbia Bank MHC in connection with the RSI Bank acquisition.

Comparison of Results of Operations for the Three Months Ended September 30, 2022 and September 30, 2021

Net income of $20.9 million was recorded for the quarter ended September 30, 2022, a decrease of $63,000, or 0.3%, compared to net income of $21.0 million for the quarter ended September 30, 2021. The decrease in net income was primarily attributable to a $1.0 million increase in provision for credit losses, a $710,000 decrease in non-interest income, and a $10.8 million increase in non-interest expense, partially offset by an $11.8 million increase in net interest income and a $671,000 decrease in income tax expense.

Net interest income was $69.2 million for the quarter ended September 30, 2022, an increase of $11.8 million, or 20.6%, from $57.4 million for the quarter ended September 30, 2021. The increase in net interest income was primarily attributable to a $13.9 million increase in interest income, partially offset by a $2.1 million increase in interest expense on deposits and borrowings. The increase in interest income was primarily due to an increase in the average balance of interest-earning assets coupled with an increase in average yields due to the rise in interest rates in 2022. The increase in interest expense on deposits was driven by the repricing of existing deposits at higher rates as a result of the Federal Reserve raising rates in March 2022 by 25 basis points, subsequently followed by four additional rate hikes between May 2022 and September 2022 ranging from 50 to 75 basis points. The rise in interest rates initially had a more immediate impact on interest income from loans, securities and other interest-earning assets than interest expense on deposits, as the repricing on deposit products lags in relation to increases in market interest rates. The increase in interest expense on borrowings was driven by an increase in interest rates related to overnight and short-term borrowing transactions executed during the quarter ended September 30, 2022. Prepayment penalties, which are included in interest income on loans, totaled $639,000 for the quarter ended September 30, 2022, compared to $778,000 for the quarter ended September 30, 2021.

The average yield on loans for the quarter ended September 30, 2022 increased 14 basis points to 3.80%, as compared to 3.66% for the quarter ended September 30, 2021, as interest income was influenced by rising interest rates and loan growth. The average yield on securities for the quarter ended September 30, 2022 increased 34 basis points to 2.27%, as compared to 1.93% for the quarter ended September 30, 2021, as $10.2 million of higher yielding securities were purchased, and a number of adjustable rate securities tied to various indexes repriced higher during the quarter. The average yield on other interest-earning assets for the quarter ended September 30, 2022 increased 214 basis points to 2.68%, as compared to 0.54% for the quarter ended September 30, 2021, due to the rise in interest rates in 2022 noted above.

Total interest expense was $10.8 million for the quarter ended September 30, 2022, an increase of $2.1 million, or 23.8%, from $8.7 million for the quarter ended September 30, 2021. The increase in interest expense was primarily attributable to a 140 basis point increase in the average cost of borrowings, and increases in the average balance of deposits, partially offset by a 3 basis point decrease in the average cost of interest-bearing deposits and a lower average balance of borrowings. Interest on borrowings increased $1.8 million, or 87.7%, due to an increase in the cost of borrowings.

The Company's net interest margin for the quarter ended September 30, 2022 increased 34 basis points to 3.01%, when compared to 2.67% for the quarter ended September 30, 2021. The weighted average yield on interest-earning assets increased 39 basis points to 3.47% for the quarter ended September 30, 2022 as compared to 3.08% for the quarter ended September 30, 2021. The average cost of interest-bearing liabilities increased 8 basis points to 0.62% for the quarter ended September 30, 2022 as compared to 0.54% for the quarter ended September 30, 2021. The increase in yields for the quarter ended September 30, 2022, was due to the impact of the rise in interest rates during the quarter. The net interest margin increased for the quarter ended September 30, 2022, as the repricing of interest-bearing deposits initially lags in relation to the repricing of yields on interest-earning assets in a rising rate environment.

The provision for credit losses for the quarter ended September 30, 2022 was $1.5 million, an increase of $1.0 million, from $480,000 for the quarter ended September 30, 2021. The increase in provision for credit losses during the quarter was primarily attributable to an increase in the balances of loans and the evaluation of current and projected economic conditions.

Non-interest income was $8.2 million for the quarter ended September 30, 2022, a decrease of $710,000, or 8.0%, from $8.9 million for the quarter ended September 30, 2021. The decrease was primarily attributable to a decrease in income from the gain on securities transactions of $2.3 million and a decrease in title insurance fees of $635,000, partially offset by an increase in demand deposit fees of $524,000, an increase in loan fees and service charges of $588,000 and an increase in other non-interest income of $942,000, mainly due to an insurance settlement.

Non-interest expense was $47.8 million for the quarter ended September 30, 2022, an increase of $10.8 million, or 29.1%, from $37.1 million for the quarter ended September 30, 2021. The increase was primarily attributable to an increase in compensation and employee benefits expense of $7.0 million and an increase in merger-related expenses of $1.1 million. The increase in compensation and employee benefits expense was due to an increase in staff levels and related personnel benefit costs, mainly due to the acquisitions of Freehold Bank in December 2021 and RSI Bank in May 2022. The increase in merger-related expenses was primarily related to the acquisition of RSI Bank.

Income tax expense was $7.0 million for the quarter ended September 30, 2022, a decrease of $671,000, as compared to $7.7 million for the quarter ended September 30, 2021, mainly due to a decrease in pre-tax income, and to a lesser extent, a decrease in the Company's effective tax rate. The Company's effective tax rate was 25.2% and 26.9% for the quarters ended September 30, 2022 and 2021, respectively.

Comparison of Results of Operations for the Nine Months Ended September 30, 2022 and September 30, 2021

Net income of $64.3 million was recorded for the nine months ended September 30, 2022, a decrease of $4.4 million, or 6.5%, compared to net income of $68.7 million for the nine months ended September 30, 2021. The decrease in net income was primarily attributable to a $7.1 million increase in provision for credit losses, a $17.9 million increase in non-interest expense, and a $9.0 million decrease in non-interest income, partially offset by a $26.2 million increase in net interest income and a $3.4 million decrease in income tax expense.

Net interest income was $198.4 million for the nine months ended September 30, 2022, an increase of $26.2 million, or 15.2%, from $172.2 million for the nine months ended September 30, 2021. The increase in net interest income was primarily attributable to a $20.2 million increase in interest income coupled with a $6.0 million decrease in interest expense. The increase in interest income was primarily due to an increase in the average balance of interest-earning assets coupled with the impact of the rise in interest rates during the nine months ended September 30, 2022. The decrease in interest expense on deposits was driven by an increase in the balance of lower costing demand deposits. As discussed herein, the Federal Reserve raised interest rates numerous times throughout 2022. The rise in interest rates had a more immediate impact on interest income from loans, securities and other interest-earning assets than interest expense on deposits, as the repricing on deposit products initially lags in relation to increases in market interest rates. The increase in interest expense on borrowings was driven by an increase in interest rates related to overnight and short-term borrowing transactions executed during the nine months ended September 30, 2022. Prepayment penalties, which are included in interest income on loans, totaled $3.4 million for the nine months ended September 30, 2022, compared to $2.8 million for the nine months ended September 30, 2021.

The average yield on loans for the nine months ended September 30, 2022 decreased 5 basis points to 3.70%, as compared to 3.75% for the nine months ended September 30, 2021, but increased 12 basis points since June 30, 2022, as interest income increased due to rising interest rates and loan growth. The average yield on securities for the nine months ended September 30, 2022 increased 24 basis points to 2.20%, as compared to 1.96% for the nine months ended September 30, 2021, as $165.5 million of higher yielding securities were purchased, and a number of adjustable rate securities tied to various indexes repriced higher during the period. The average yield on other interest-earning assets for the nine months ended September 30, 2022 increased 176 basis points to 2.46%, as compared to 0.70% for the nine months ended September 30, 2021, due to the rise in interest rates in 2022 noted above.

Total interest expense was $23.4 million for the nine months ended September 30, 2022, a decrease of $6.0 million, or 20.6%, from $29.4 million for the nine months ended September 30, 2021. The decrease in interest expense was primarily attributable to a 20 basis point decrease in the average cost of interest-bearing deposits which was partially offset by the impact of the increase in the average balance of deposits. The decrease in interest expense on deposits was driven by an increase in the balance of lower costing demand deposits. Interest on borrowings increased $1.0 million, or 17.2%, due to an increase in the cost of borrowings.

The Company's net interest margin for the nine months ended September 30, 2022 increased 25 basis points to 3.00%, when compared to 2.75% for the nine months ended September 30, 2021. The weighted average yield on interest-earning assets for the nine months ended September 30, 2022 increased 13 basis points to 3.35%, when compared to 3.22% for the nine months ended September 30, 2021. The average cost of interest-bearing liabilities decreased 15 basis points to 0.47% for the nine months ended September 30, 2022 as compared to 0.62% for the nine months ended September 30, 2021. The decrease in costs for the nine months ended September 30, 2022 were largely driven by the sustained lower interest rate environment throughout the 2021 period until rates began to rise in March 2022. The net interest margin increased for the nine months ended September 30, 2022, as the repricing of interest-bearing liabilities initially lags in relation to the repricing of yields on interest-earning assets in a rising rate environment.

On January 1, 2022, the Company adopted ASU 2016-13, Financial Instruments-Credit Losses (Topic 326), also known as the Current Expected Credit Loss ("CECL") standard. CECL requires the measurement of all expected credit losses over the life of financial instruments held at the reporting date based on historical experience, current conditions, and reasonable and supportable forecasts. In connection with the adoption of CECL, the Company recognized a cumulative effect adjustment that increased stockholders' equity by $6.2 million, net of tax. At adoption and on a gross basis, the Company decreased its allowance for credit losses ("ACL") by $16.8 million for loans, increased its ACL for unfunded commitments, included in other liabilities, by $7.7 million, and established an ACL for debt securities available for sale of $490,000. The provision for credit losses for the nine months ended September 30, 2022 was $4.5 million, an increase of $7.1 million, from a reversal of provision for credit losses of $2.6 million recorded for the nine months ended September 30, 2021. The increase in provision for credit losses during the nine months ended September 30, 2022 was primarily attributable to an increase in the balances of loans and the evaluation of current and projected economic conditions.

Non-interest income was $22.9 million for the nine months ended September 30, 2022, a decrease of $9.0 million, or 28.2%, from $31.9 million for the nine months ended September 30, 2021. The decrease was primarily attributable to a decrease in income from the gain on the sale of loans of $10.7 million, a decrease in income from title insurance fees of $1.8 million, and a decrease in gain on securities transactions of $1.8 million, partially offset by an increase in the change in fair value of equity securities of $1.5 million, an increase in demand deposit fees of $1.4 million and an increase in bank-owned life insurance income of $1.0 million due to death benefit claims. The nine months ended September 30, 2021 included a $7.7 million gain on the sale of commercial business loans granted as part of the Small Business Administration PPP.

Non-interest expense was $130.3 million for the nine months ended September 30, 2022, an increase of $17.9 million, or 16.0%, from $112.4 million for the nine months ended September 30, 2021. The increase was primarily attributable to an increase in compensation and employee benefits expense of $14.9 million and an increase in merger-related expenses of $2.5 million. The increase in compensation and employee benefits expense was due to an increase in staff levels and related personnel benefit costs, mainly due to the acquisitions of Freehold Bank in December 2021 and RSI Bank in May 2022. There was an increase of 121 full time equivalent employees from September 30, 2021 compared to September 30, 2022. The increase in merger-related expenses was related to the acquisition of RSI Bank.

Income tax expense was $22.2 million for the nine months ended September 30, 2022, a decrease of $3.4 million, as compared to $25.5 million for the nine months ended September 30, 2021, mainly due to a decrease in pre-tax income, and to a lesser extent, a decrease in the Company's effective tax rate. The Company's effective tax rate was 25.6% and 27.1% for the nine months ended September 30, 2022 and 2021, respectively.

Asset Quality

The Company's non-performing loans at September 30, 2022 totaled $7.0 million, or 0.10% of total gross loans, as compared to $3.9 million, or 0.06% of total gross loans, at December 31, 2021. The $3.1 million increase in non-performing loans was attributable to an increase of $1.2 million in non-performing one-to-four family loans and a $1.8 million increase in commercial real estate loans. The increase in non-performing one-to-four family loans was due to an increase in the number of loans from seven non-performing loans at December 31, 2021 to 12 non-performing loans at September 30, 2022. The increase in non-performing commercial real estate loans was due to an increase in the number of loans from one non-performing loan at December 31, 2021 to three non-performing loans at September 30, 2022. Non-performing assets as a percentage of total assets totaled 0.07% at September 30, 2022 as compared to 0.04% at December 31, 2021.

For the quarter ended September 30, 2022, net charge-offs totaled $208,000, as compared to $53,000 in net charge-offs for the quarter ended September 30, 2021. For the nine months ended September 30, 2022, net recoveries totaled $8,000, as compared to $1.8 million in net charge-offs for the nine months ended September 30, 2021.

The Company's allowance for credit losses on loans was $51.9 million, or 0.71% of total gross loans, at September 30, 2022, compared to $62.7 million, or 0.99% of total gross loans, at December 31, 2021. The decrease in the allowance for credit losses for loans was primarily attributable to the impact of the initial adoption of the CECL standard on January 1, 2022, which resulted in a decrease to allowance for credit losses on loans of $16.8 million, partially offset by an increase in provision for credit losses of $7.1 million recorded during the nine months ended September 30, 2022, due to an increase in the balance of loans and evaluation of current and future economic conditions.

Critical Accounting Policies

The Company considers certain accounting policies to be critically important to the fair presentation of its Consolidated Statements of Financial Condition and Consolidated Statements of Income. These policies require management to make significant judgments on matters which by their nature have elements of uncertainty. The sensitivity of the Company's consolidated financial statements to these critical accounting policies, and the assumptions and estimates applied, could have a significant impact on its financial condition and results of operations. These assumptions, estimates and judgments made by management can be influenced by a number of factors, including the general economic environment. The Company has identified the following as critical accounting policies:

- Adequacy of the allowance for credit losses
- Valuation of deferred tax assets
- Valuation of retirement and post-retirement benefits

The calculation of the allowance for credit losses is a critical accounting policy of the Company. The allowance for credit losses is a valuation account that reflects management's evaluation of the current expected credit losses in the loan portfolio. The Company maintains the allowance for credit losses through provisions for credit losses that are charged to income. Charge-offs against the allowance for credit losses are taken on loans where management determines that the collection of loan principal and interest is unlikely. Recoveries made on loans that have been charged-off are credited to the allowance for credit losses.

Management estimates the allowance balance using relevant available information, from internal and external sources, related to past events, current conditions, and a reasonable and supportable forecast. Historical credit loss experience for both the Company and peers provides the basis for the estimation of expected credit losses, where observed credit losses are converted to probability of default rate through the use of segment-specific loss given default risk factors that convert default rates to loss severity based on industry-level, observed relationships between the two variables for each segment, primarily due to the nature of the underlying collateral. These risk factors were assessed for reasonableness against the Company's own loss experience and adjusted in certain cases when the relationship between the Company's historical default and loss severity deviate from that of the wider industry. The historical probability of default ("PD") curves, together with corresponding economic conditions, establish a quantitative relationship between economic conditions and loan performance through an economic cycle.

Using the historical relationship between economic conditions and loan performance, management's expectation of future loan performance is incorporated using an externally developed economic forecast. This forecast is applied over a period that management has determined to be reasonable and supportable. Beyond the period over which management can develop or source a reasonable and supportable forecast, the model will revert to long-term average economic conditions using a straight-line, time-based methodology. The Company's current forecast period is six quarters, with a four quarter reversion period to historical average macroeconomic factors.

The allowance for credit losses is measured on a collective (pool) basis, with both a quantitative and qualitative analysis that is applied on a quarterly basis, when similar risk characteristics exist. The respective quantitative allowance for each segment is measured using an economic forecast, discounted cash flow modeling methodology in which distinct, segment-specific multi-variate regression models are applied to an external economic forecast. Under the discounted cash flows methodology, expected credit losses are estimated over the effective life of the loans by measuring the difference between the net present value of modeled cash flows and amortized cost basis. Contractual cash flows over the contractual life of the loans are the basis for modeled cash flows, adjusted for modeled defaults and expected prepayments and discounted at the loan-level effective interest rate. The contractual term excludes expected extensions, renewals, and modifications. After quantitative considerations, management applies additional qualitative adjustments so that the allowance for credit loss is reflective of the estimate of lifetime losses that exist in the loan portfolio at the balance sheet date.

Portfolio segment is defined as the level at which an entity develops and documents a systematic methodology to determine its allowance for credit losses. Management developed segments for estimating loss based on type of borrower and collateral, which is generally based upon federal call report segmentation. The segments have been combined or sub-segmented as needed to ensure loans of similar risk profiles are appropriately pooled.

The allowance for credit losses on loans individually evaluated for impairment is based upon loans that have been identified through the Company's loan monitoring process. This process includes the review of delinquent, restructured, and charged-off loans.

Management believes the primary risks inherent in the portfolio are a general decline in the economy, a decline in real estate market values, rising unemployment, and increases in interest rates in the absence of economic improvement. Any one or a combination of these events may adversely affect a borrower's ability to repay its loan, resulting in increased delinquencies and loan losses. Accordingly, the Company has recorded loan losses at a level which is estimated to represent the current risk in its loan portfolio. Management considers it important to maintain the ratio of the allowance for credit losses to total loans at an acceptable level considering the current composition of the loan portfolio.

Although management believes that the Company has established and maintained the allowance for credit losses at appropriate levels, reserve levels may change if future economic, organizational, and portfolio conditions differ from the current operating environment. Management evaluates its estimates and assumptions on an ongoing basis, and the estimates and assumptions are adjusted when facts and circumstances necessitate a re-valuation of the estimate. As future events and their effects cannot be determined with precision, actual results could differ significantly from these estimates. In addition, regulatory agencies periodically review the adequacy of the Company's allowance for credit losses as an integral part of their examination process. Such agencies may require the Company to recognize additions to the allowance or additional write-downs based on their judgments about information available to them at the time of their examination. Although management uses the best information available, the level of the allowance for credit losses remains an estimate that is subject to significant judgment.

The determination of whether deferred tax assets will be realizable is predicated on the reversal of existing deferred tax liabilities, utilization against carry-back years, and projections of future taxable income. These estimates are subject to management's judgment. A valuation allowance is established when management is unable to conclude that it is more likely than not that it will realize deferred tax assets based on the nature and timing of these items. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in income tax expense in the period enacted. Management believes, based on current facts, that it is more likely than not that there will be sufficient taxable income in future years to realize federal deferred tax assets and that it is more likely than not that the benefits from certain state temporary differences will not be realized. At September 30, 2022 and December 31, 2021, the Company's net deferred tax assets (liabilities) totaled $54.8 million and $(9.7) million, respectively, which included a valuation allowance totaling $2.0 million at both dates. Based upon projections of future taxable income and the ability to carryforward operating losses indefinitely, management believes it is more likely than not the Company will realize the remaining deferred tax assets.

The Company provides certain health care and life insurance benefits, along with a split dollar BOLI death benefit, to eligible retired employees. The cost of retiree health care and other benefits during the employees' period of active service are accrued monthly. The accounting guidance requires the following: a) recognize in the statement of financial position the over funded or underfunded status of a defined benefit post-retirement plan measured as the difference between the fair value of plan assets and the benefit obligations; b) measure a plan's assets and its obligations that determine its funded status as of the end of the Company's fiscal year (with limited exceptions); and c) recognizes a component of other comprehensive income (loss), net of tax, the actuarial gain and losses and the prior service costs and credits that arise during the period. These assets and liabilities and expenses are based upon actuarial assumptions including interest rates, rates of increase in compensation, expected rate of return on plan assets and the length of time we will have to provide those benefits. Actual results may differ from these assumptions. These assumptions are reviewed and updated at least annually and management believes the estimates are reasonable.

Qualitative Analysis. Interest rate risk is defined as the exposure of a Company's current and future earnings and capital arising from movements in market interest rates. The guidelines of the Company's interest rate risk policy seek to limit the exposure to changes in interest rates that affect the underlying economic value of assets, liabilities, earnings and capital.

The Asset/Liability Committee meets regularly to review the impact of interest rate changes on net interest income, net interest margin, net income, and the economic value of equity. The Asset/Liability Committee reviews a variety of strategies that project changes in asset or liability mix and the impact of those changes on projected net interest income and net income.

The Company's strategy for liabilities has been to maintain a stable funding base by focusing on core deposit accounts. The Company's ability to retain maturing time deposit accounts is the result of its strategy to remain competitively priced within its marketplace. The Company's pricing strategy may vary depending upon current funding needs and the ability of the Company to fund operations through alternative sources.

Quantitative Analysis. Current and future sensitivity to changes in interest rates are measured through the use of balance sheet and income simulation models. The analysis captures changes in net interest income using flat rates as a base and rising and declining interest rate forecasts. Changes in net interest income and net income for the forecast period, generally twelve to twenty-four months, are measured and compared to policy limits for acceptable changes. The Company periodically reviews historical deposit re-pricing activity and makes modifications to certain assumptions used in its balance sheet and income simulation models regarding the interest rate sensitivity of deposits. These modifications are made to more closely reflect the most likely results under the various interest rate change scenarios. Since it is inherently difficult to predict the sensitivity of interest-bearing deposits to changes in interest rates, the changes in net interest income due to changes in interest rates cannot be precisely predicted. There are a variety of reasons that may cause actual results to vary considerably from the predictions presented below which include, but are not limited to, the timing, magnitude, and frequency of changes in interest rates, interest rate spreads, prepayments, and actions taken in response to such changes.

Assumptions used in the simulation model may include but are not limited to:

- Securities pricing from third parties;
- Loan pricing indications from third parties;
- Loan and depository spread assumptions based upon the Company's product offerings;
- Securities and borrowing spreads based upon third party indications; and
- Prepayment assumptions derived from the Company's actual results and third party surveys.

Certain shortcomings are inherent in the methodologies used in the interest rate risk measurements. Modeling changes in net interest income requires the use of certain assumptions regarding prepayment and deposit repricing, which may or may not reflect the manner in which actual yields and costs respond to changes in market interest rates. While management believes such assumptions are reasonable, there can be no assurance that assumed prepayment rates and repricing rates will approximate actual future asset prepayment and liability repricing activity.

The table below sets forth an approximation of our interest rate exposure. Net interest income assumes that the composition of interest sensitive assets and liabilities existing at the beginning of a period remains constant over the period being measured and also assumes that a particular change in interest rates is reflected uniformly across the yield curve regardless of the duration to maturity or repricing of specific assets and liabilities. Accordingly, although the net interest income table provides an indication of our interest rate risk exposure at a particular point in time, such measurement is not intended to and does not provide a precise forecast of the effect of changes in market interest rates on our net interest income and will differ from actual.

The table below sets forth, as of September 30, 2022, the net portfolio value, the estimated changes in the net portfolio value, and the net interest income that would result from the designated instantaneous parallel changes in market interest rates. This data is for Columbia Bank and Freehold Bank and its subsidiaries only and does not include any assets of the Company.

	Twelve Months Net Interest Income			Net Portfolio Value ("NPV")		
Change in Interest Rates (Basis Points)	**Amount**	**Dollar Change**	**Percent of Change**	**Estimated NPV**	**Present Value Ratio**	**Percent Change**
			(Dollars in thousands)			
+400	$ 254,989	$ (19,545)	(7.12)%	$ 971,934	11.96 %	(36.48)%
+300	261,125	(13,409)	(4.88)	1,119,685	13.34	(26.83)
+200	266,533	(8,001)	(2.91)	1,260,782	14.55	(17.61)
+100	271,594	(2,940)	(1.07)	1,399,414	15.65	(8.55)
Base	274,534	—	—	1,530,193	16.57	—
-100	274,544	10	—	1,627,780	17.05	6.38
-200	264,832	(9,702)	(3.53)	1,655,113	16.79	8.16

As of September 30, 2022, based on the scenarios above, net interest income would decrease by approximately 2.91% if rates were to rise 200 basis points, and would decrease by 3.53% if rates were to decrease 200 basis points over a one-year time horizon.

Another measure of interest rate sensitivity is to model changes in net portfolio value through the use of immediate and sustained interest rate shocks. As of September 30, 2022, based on the scenarios above, in the event of an immediate and sustained 200 basis point increase in interest rates, the NPV is projected to decrease 17.61%. If rates were to decrease 200 basis points, the model forecasts a 8.16% increase in the NPV.

Overall, our September 30, 2022 results indicate that we are adequately positioned with an acceptable net interest income and economic value at risk in all scenarios and that all interest rate risk results continue to be within our policy guidelines.

Liquidity Management and Capital Resources:

Liquidity Management. Liquidity refers to the Company's ability to generate adequate amounts of cash to meet financial obligations of a short-term and long-term nature. Sources of funds consist of deposit inflows, loan repayments and maturities, maturities and sales of securities, and the ability to execute new borrowings. While maturities and scheduled amortization of loans and securities are predictable sources of funds, deposit flows, calls of debt securities, and prepayments on loans and mortgage-backed securities are influenced by economic conditions, competition, and interest rate movements.

The Company's cash flows are identified as cash flows from operating activities, investing activities and financing activities. Refer to the Consolidated Statements of Cash Flows for further details of the cash inflows and outflows of the Company.

Capital Resources. The Company and its subsidiary banks (Columbia Bank and Freehold Bank) are subject to various regulatory capital requirements administered by the federal banking regulators, including a risk-based capital measure. The Federal Reserve establishes capital requirements, including well capitalized standards, for the consolidated financial holding company, and the Office of the Comptroller of the Currency (the "OCC") has similar requirements for the Company's subsidiary banks. Failure to meet minimum capital requirements can initiate certain mandatory and possibly additional discretionary actions by regulators that, if undertaken, could have a direct material effect on the Company's Consolidated Statements of Financial Condition.

Federal regulators require federally insured depository institutions to meet several minimum capital standards: (1) total capital to risk-weighted assets of 8.0%; (2) tier 1 capital to risk-weighted assets of 6.0%; (3) common equity tier 1 capital to risk-weighted assets of 4.5%; and (4) tier 1 capital to adjusted total assets of 4.0%. In addition to establishing the minimum regulatory capital requirements, the regulations limit capital distributions and certain discretionary bonus payments to management if the institution does not hold a "capital conservation buffer" consisting of 2.5% of common equity tier 1 capital to risk-weighted assets above the amount necessary to meet its minimum risk-based capital requirements. The regulators established a framework for the classification of savings institutions into five categories: well capitalized, adequately capitalized, undercapitalized, significantly undercapitalized, and critically undercapitalized. Generally, an institution is considered well capitalized if it has: a total capital to risk-weighted assets ratio of at least 10.0%, a tier 1 capital to risk-weighted assets ratio of at least 8.0%, a common tier 1 capital to risk-weighted assets ratio of at least 6.5%, and a tier 1 capital to adjusted total assets ratio of at least 5.0%. As of September 30, 2022 and December 31, 2021, each of the Company and the Banks exceeded all capital adequacy requirements to which it is subject.

The following tables presents the Company's, Columbia Bank's and Freehold Bank's actual capital amounts and ratios at September 30, 2022 and December 31, 2021 compared to the Federal Reserve Bank minimum capital adequacy requirements and the Federal Reserve Bank requirements for classification as a well-capitalized institution:

	Actual		Minimum Capital Adequacy Requirements		Minimum Capital Adequacy Requirements with Capital Conservation Buffer		To be Well Capitalized Under Prompt Corrective Action Provisions	
	Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio
Company	(In thousands, except ratio data)							
At September 30, 2022:								
Total capital (to risk-weighted assets)	$ 1,124,462	15.54 %	$ 579,004	8.00 %	$ 759,943	10.50 %	N/A	N/A
Tier 1 capital (to risk-weighted assets)	1,066,119	14.73	434,253	6.00	615,192	8.50	N/A	N/A
Common equity tier 1 capital (to risk-weighted assets)	1,058,902	14.63	325,690	4.50	506,629	7.00	N/A	N/A
Tier 1 capital (to adjusted total assets)	1,066,119	10.81	394,508	4.00	394,508	4.00	N/A	N/A
At December 31, 2021:								
Total capital (to risk-weighted assets)	$ 1,104,863	17.13 %	$ 515,924	8.00 %	$ 677,151	10.50 %	N/A	N/A
Tier 1 capital (to risk-weighted assets)	1,041,650	16.15	386,943	6.00	548,170	8.50	N/A	N/A
Common equity tier 1 capital (to risk-weighted assets)	1,034,433	16.04	290,207	4.50	451,434	7.00	N/A	N/A
Tier 1 capital (to adjusted total assets)	1,041,650	11.23	370,909	4.00	370,909	4.00	N/A	N/A

	Actual		Minimum Capital Adequacy Requirements		Minimum Capital Adequacy Requirements with Capital Conservation Buffer		To be Well Capitalized Under Prompt Corrective Action Provisions	
	Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio
Columbia Bank	(In thousands, except ratio data)							
At September 30, 2022:								
Total capital (to risk-weighted assets)	$ 977,660	13.90 %	$ 562,575	8.00 %	$ 738,379	10.50 %	$ 703,218	10.00 %
Tier 1 capital (to risk-weighted assets)	920,717	13.09	421,931	6.00	597,736	8.50	562,575	8.00
Common equity tier 1 capital (to risk-weighted assets)	920,717	13.09	316,448	4.50	492,253	7.00	457,092	6.50
Tier 1 capital (to adjusted total assets)	920,717	9.62	382,858	4.00	382,858	4.00	478,573	5.00
At December 31, 2021:								
Total capital (to risk-weighted assets)	$ 962,137	15.39 %	$ 500,127	8.00 %	$ 656,417	10.50 %	$ 625,159	10.00 %
Tier 1 capital (to risk-weighted assets)	898,935	14.38	375,095	6.00	531,385	8.50	500,127	8.00
Common equity tier 1 capital (to risk-weighted assets)	898,935	14.38	281,322	4.50	437,611	7.00	406,353	6.50
Tier 1 capital (to adjusted total assets)	898,935	9.80	366,961	4.00	366,961	4.00	458,701	5.00

	Actual		Minimum Capital Adequacy Requirements		Minimum Capital Adequacy Requirements with Capital Conservation Buffer		To be Well Capitalized Under Prompt Corrective Action Provisions	
	Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio
Freehold Bank	(In thousands, except ratio data)							
At September 30, 2022:								
Total capital (to risk-weighted assets)	$ 44,061	22.85 %	$ 15,428	8.00 %	$ 20,249	10.50 %	$ 19,285	10.00 %
Tier 1 capital (to risk-weighted assets)	42,621	22.10	11,571	6.00	16,392	8.50	15,428	8.00
Common equity tier 1 capital (to risk-weighted assets)	42,621	22.10	8,678	4.50	13,499	7.00	12,535	6.50
Tier 1 capital (to adjusted total assets)	42,621	15.15	11,255	4.00	11,255	4.00	14,069	5.00
At December 31, 2021:								
Total capital (to risk-weighted assets)	$ 41,549	22.87 %	$ 14,534	8.00 %	$ 19,076	10.50 %	$ 18,168	10.00 %
Tier 1 capital (to risk-weighted assets)	41,537	22.86	10,901	6.00	15,443	8.50	14,534	8.00
Common equity tier 1 capital (to risk-weighted assets)	41,537	22.86	8,176	4.50	12,717	7.00	11,809	6.50
Tier 1 capital (to adjusted total assets)	41,537	13.71	12,118	4.00	12,118	4.00	15,147	5.00

Item 4. CONTROLS AND PROCEDURES

An evaluation was performed under the supervision and with the participation of the Company's management, including the Chief Executive Officer and the Chief Financial Officer, of the effectiveness of the design and operation of the Company's disclosure controls and procedures (as defined in Rule 13a-15(e) promulgated under the Securities and Exchange Act of 1934, as amended) as of September 30, 2022. In designing and evaluating the Company's disclosure controls and procedures, the Company and its management recognize that any controls and procedures, no matter how well-designed and operated, can provide only a reasonable assurance of achieving the desired control objectives, and management necessarily was required to apply its judgment in evaluating and implementing possible controls and procedures. Based on that evaluation, the Company's management, including the Chief Executive Officer and the Chief Financial Officer, concluded that, as of the end of the period covered by this report, the Company's disclosure controls and procedures were effective.

During the quarter ended September 30, 2022, there were no changes in the Company's internal control over financial reporting that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

PART II – OTHER INFORMATION

Item 1. Legal Proceedings

The Company is involved in various legal actions and claims arising in the normal course of business. In the opinion of management, these legal actions and claims are not expected to have a material adverse impact on the Company's financial condition.

Item 1A. Risk Factors

For information regarding the Company's risk factors, refer to the Risk Factors previously disclosed under Item 1A of the Company's Annual Report on Form 10-K for the year ended December 31, 2021 filed with the Securities and Exchange Commission on March 1, 2022. As of September 30, 2022, the risk factors of the Company have not materially changed from those disclosed in the Company's Annual Report on Form 10-K for the year ended December 31, 2021.

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

The following table reports information regarding repurchases of the Company's common stock during the quarter ended September 30, 2022:

Period	Total Number of Shares (2)	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs (1)	Maximum Number of Shares that May Yet Be Purchased Under the Plans or Programs
July 1 - 31, 2022	365,560	$ 21.75	148,880	2,118,392
August 1 - 31, 2022	334,149	21.09	320,400	1,797,992
September 1 - 30, 2022	404,961	21.37	404,800	1,393,192
Total	1,104,670	$ 21.41	874,080	

(1) On December 6, 2021, the Company announced that its Board of Directors authorized a new stock repurchase program to acquire up to 5,000,000 shares, or approximately 4.6%, of the Company's then issued and outstanding common stock, commencing upon the completion of the Company's stock repurchase program announced on February 1, 2021. On December 21, 2021, the Company completed the repurchases under the previous stock repurchase program.

(2) During the three months ended September 30, 2022, 31,796 shares were repurchased pursuant to forfeitures and 198,794 shares were repurchased for taxes related to the 2019 Equity Incentive Plan and not as part of a share repurchase program.

Item 3. Defaults Upon Senior Securities

Not Applicable.

Item 4. Mine Safety Disclosures

Not Applicable.

Item 5. Other Information

None.

Item 6. Exhibits

The exhibits listed in the Exhibit Index (following the signatures section of this report) are included in, or incorporated by reference into this Quarterly Report on Form 10-Q.

Exhibit Index

31.1	Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2	Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32	Certification of Chief Executive Officer and Chief Financial Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
101.0	The following materials from the Company's Quarterly Report to Stockholders on Form 10-Q for the quarter ended September 30, 2022, formatted in inline XBRL (Extensible Business Reporting Language): (i) the Consolidated Statements of Financial Condition, (ii) the Consolidated Statements of Income, (iii) the Consolidated Statements of Comprehensive Income (Loss), (iv) the Consolidated Statements of Changes in Stockholder's Equity, (v) the Consolidated Statements of Cash Flows and (vi) the Notes to the Consolidated Financial Statements.
101. INS	The instance document does not appear in the interactive data file because its XBRL tags are embedded within the Inline XBRL document
101. SCH	Inline XBRL Taxonomy Extension Schema Document
101. CAL	Inline XBRL Taxonomy Extension Calculation Linkbase Document
101. DEF	Inline XBRL Taxonomy Extension Definition Linkbase Document
101. LAB	Inline XBRL Taxonomy Extension Label Linkbase Document
101. PRE	Inline XBRL Taxonomy Extension Presentation Linkbase Document
104	Cover page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

Pursuant to the requirements of Section 13 of the Securities Exchange Act of 1934, the Registrant has duly caused this quarterly report to be signed on its behalf by the undersigned, thereunto duly authorized.

Columbia Financial, Inc.

Date:	November 9, 2022	/s/Thomas J. Kemly Thomas J. Kemly President and Chief Executive Officer (Principal Executive Officer)
Date:	November 9, 2022	/s/Dennis E. Gibney Dennis E. Gibney Executive Vice President and Chief Financial Officer (Principal Financial and Accounting Officer)

Section 2: EX-31.1 (EXHIBIT 31.1)

Certification of Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

I, Thomas J. Kemly, certify that:

1. I have reviewed this report on Form 10-Q of Columbia Financial, Inc.
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 officers 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 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 officers 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:
    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 9, 2022	/s/Thomas J. Kemly
		Thomas J. Kemly
		President and Chief Executive Officer

Section 3: EX-31.2 (EXHIBIT 31.2)

Certification Pursuant to
Exchange Act Rule 13a-14(a) and Rule 15d-14(a)

Certification of Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

I, Dennis E. Gibney, certify that:

1. I have reviewed this report on Form 10-Q of Columbia Financial, Inc.

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 officers 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 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 officers 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:

    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 9, 2022	/s/Dennis E. Gibney
		Dennis E. Gibney
		Executive Vice President and Chief Financial Officer

Section 4: EX-32 (Exhibit 32)

Certification pursuant to 18 U.S.C. Section 1350,
as adopted pursuant to Section 906
of the Sarbanes-Oxley Act of 2002

Thomas J. Kemly, President and Chief Executive Officer, and Dennis E. Gibney, Executive Vice President and Chief Financial Officer of Columbia Financial Inc. (the "Company"), each certify in his capacity as an officer of the Company that he has reviewed the quarterly report of the Company on Form 10-Q for the quarter ended September 30, 2022 and that to the best of his knowledge:

(1) the report fully complies with the requirements of Sections 13(a) 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.

Date:	November 9, 2022	/s/Thomas J. Kemly Thomas J. Kemly President and Chief Executive Officer
Date:	November 9, 2022	/s/Dennis E. Gibney Dennis E. Gibney Executive Vice President and Chief Financial Officer