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

	Form 10-Q
\boxtimes	Quarterly report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 For the quarterly period ended March 31, 2022
	Transition report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934 For the transition period from
	001-35542 (Commission File number)
	customers

(Exact name of registrant as specified in its charter) Customers Bancorp, Inc.

Pennsylvania

(State or other jurisdiction of incorporation or organization)

27-2290659

(IRS Employer Identification No.)

701 Reading Avenue
West Reading, PA 19611
(Address of principal executive offices)

(610) 933-2000

(Registrant's telephone number, including area code)

N/A

(Former name, former address and former fiscal year, if changed since last report)

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

Title of Each Class Trading Symbols Name of Each Exchange on which Registered Voting Common Stock, par value \$1.00 per share **CUBI** New York Stock Exchange Fixed-to-Floating Rate Non-Cumulative Perpetual **CUBI/PE** New York Stock Exchange Preferred Stock, Series E, par value \$1.00 per share Fixed-to-Floating Rate Non-Cumulative Perpetual **CUBI/PF** New York Stock Exchange Preferred Stock, Series F, par value \$1.00 per share **CUBB** 5.375% Subordinated Notes due 2034 New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: None

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 \boxtimes No \square

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 □			
emergi	ng growth		ther the registrant is a large accelerated filer, an accelerated filer, a non-accelerated file See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting contents."		any" in
Large a	accelerate	d filer		Accelerated Filer	
Non-ac	celerated	filer		Smaller Reporting Company	
				Emerging Growth Company	
			pany, indicate by check mark if the registrant has elected not to use the extended transit ounting standards provided pursuant to Section 13(a) of the Exchange Act.	ion period for complying with any	
Indicat	e by check	mark whe	ther the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act)	Yes □ No ⊠	
On Ma	y 6, 2022,	32,981,20	4 shares of Voting Common Stock were outstanding.		

CUSTOMERS BANCORP, INC. AND SUBSIDIARIES

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GLOSSARY OF ABBREVIATIONS AND ACRONYMS

The following list of abbreviations and acronyms may be used throughout this Report, including Management's Discussion and Analysis of Financial Condition and Results of Operations, the Unaudited Consolidated Financial Statements and the Notes to the Unaudited Consolidated Financial Statements.

	ions, the Unaudited Consolidated Financial Statements and the Notes to the Unaudited Consolidated Financial Statements.
ACL	Allowance for credit losses
AFS	Available for sale
ASC	Accounting Standards Codification
AOCI	Accumulated other comprehensive income (loss)
ASU	Accounting Standards Update
ATM	Automated teller machine
Bancorp	Customers Bancorp, Inc.
Bank	Customers Bank
BBB spread	BBB rated corporate bond spreads to U.S. Treasury securities
BMT	BankMobile Technologies, Inc.
BM Technologies	BM Technologies, Inc.
BOLI	Bank-owned life insurance
CAA	Consolidated Appropriations Act, 2021
CARES Act	Coronavirus Aid, Relief and Economic Security Act
CBIT TM	Customers Bank Instant Token
CCF	Customers Commercial Finance, LLC
CECL	Current expected credit losses
Commission	U.S. Securities and Exchange Commission
Company	Customers Bancorp, Inc. and subsidiaries
COVID-19	Coronavirus Disease 2019
CPI	Consumer Price Index
CRA	Community Reinvestment Act
CUBI	Symbol for Customers Bancorp, Inc. common stock traded on the NYSE
Customers	Customers Bancorp, Inc. and Customers Bank, collectively
Customers Bancorp	Customers Bancorp, Inc.
DCF	Discounted cash flow
Disbursement Business	One Account Student Checking and Refund Management Disbursement Services Business
ED	U.S. Department of Education
EPS	Earnings per share
EVE	Economic value of equity
Exchange Act	Securities Exchange Act of 1934
FDIC	Federal Deposit Insurance Corporation
Fed Funds	Federal Reserve Board's Effective Federal Funds Rate
Federal Reserve Board	Board of Governors of the Federal Reserve System
FHLB	Federal Home Loan Bank
FICO	Fair, Isaac and Company
Fintech	Third-Party Financial Technology
FMV	Fair Market Value
FPRD	Final Program Review Determination
FRB	Federal Reserve Bank of Philadelphia
GDP	Gross domestic product
Higher One	Higher One Holdings, Inc.
LIBOR	London Interbank Offered Rate
LPO	Limited Purpose Office
MFAC	Megalith Financial Acquisition Corp.
MMDA	Money market deposit accounts
NIM	Net interest margin, tax equivalent
NM	
NM	Not meaningful
NM NPA	Not meaningful Non-performing asset
NM NPA NPL	Not meaningful Non-performing asset Non-performing loan
NM NPA NPL NYSE	Not meaningful Non-performing asset Non-performing loan New York Stock Exchange
NM NPA NPL NYSE OCI	Not meaningful Non-performing asset Non-performing loan
NM NPA NPL NYSE	Not meaningful Non-performing asset Non-performing loan New York Stock Exchange Other comprehensive income (loss)

PPP	Paycheck Protection Program
PPPLF	FRB Paycheck Protection Program Liquidity Facility
PUT	Purchase Upon Termination
Rate Shocks	Interest rates rising or falling immediately
ROU	Right-of-use
SBA	U.S. Small Business Administration
SBA loans	Loans originated pursuant to the rules and regulations of the SBA
SEC	U.S. Securities and Exchange Commission
Securities Act	Securities Act of 1933, as amended
Series C Preferred Stock	Fixed-to-floating rate non-cumulative perpetual preferred stock, series C
Series D Preferred Stock	Fixed-to-floating rate non-cumulative perpetual preferred stock, series D
Series E Preferred Stock	Fixed-to-floating rate non-cumulative perpetual preferred stock, series E
Series F Preferred Stock	Fixed-to-floating rate non-cumulative perpetual preferred stock, series F
SERP	Supplemental Executive Retirement Plan
Share Repurchase Program	Share repurchase program authorized by the Board of Directors of Customers Bancorp in 2021
SOFR	Secured Overnight Financing Rate
TDR	Troubled debt restructuring
TRAC	Terminal Rental Adjustment Clause
U.S. GAAP	Accounting principles generally accepted in the United States of America
VIE	Variable interest entity
VOE	Voting interest entity

CUSTOMERS BANCORP, INC. AND SUBSIDIARIES CONSOLIDATED BALANCE SHEET — UNAUDITED

(amounts in thousands, except share and per share data)

(uniounts in thousands, except share and per share data)		March 31, 2022		December 31, 2021
ASSETS				
Cash and due from banks	\$	55,515	\$	35,238
Interest earning deposits		219,085		482,794
Cash and cash equivalents		274,600		518,032
Investment securities, at fair value (includes allowance for credit losses of \$728 at March 31, 2022)		4,169,853		3,817,150
Loans held for sale (includes \$2,496 and \$15,747, respectively, at fair value)		3,003		16,254
Loans receivable, mortgage warehouse, at fair value		1,755,758		2,284,325
Loans receivable, PPP		2,195,902		3,250,008
Loans and leases receivable		10,118,855		9,018,298
Allowance for credit losses on loans and leases		(145,847)		(137,804)
Total loans and leases receivable, net of allowance for credit losses on loans and leases		13,924,668		14,414,827
FHLB, Federal Reserve Bank, and other restricted stock		54,553		64,584
Accrued interest receivable		94,669		92,239
Bank premises and equipment, net		8,233		8,890
Bank-owned life insurance		332,239		333,705
Goodwill and other intangibles		3,678		3,736
Other assets		298,212		305,611
Total assets	\$	19,163,708	\$	19,575,028
LIABILITIES AND SHAREHOLDERS' EQUITY				
Liabilities:				
Deposits:				
Demand, non-interest bearing	\$	4,594,428	\$	4,459,790
Interest bearing		11,821,132		12,318,134
Total deposits		16,415,560		16,777,924
Federal funds purchased		700,000		75.000
FHLB advances		_		700,000
Other borrowings		223,230		223,086
Subordinated debt		181,742		181,673
Accrued interest payable and other liabilities		265,770		251,128
Total liabilities		17,786,302		18,208,811
Commitments and contingencies (NOTE 15)		, ,		, ,
Shareholders' equity:				
Preferred stock, par value \$1.00 per share; liquidation preference \$25.00 per share; 100,000,000 shares authorized, 5,700,000 shares issued and outstanding as of March 31, 2022 and December 31, 2021		137,794		137,794
Common stock, par value \$1.00 per share; 200,000,000 shares authorized; 34,881,580 and 34,721,675 shares issued as of March 31, 2022 and December 31, 2021; 32,957,847 and 32,913,267 shares outstanding as of March 31, 2022 and December 31, 2021		34,882		34,722
Additional paid in capital		542,402		542,391
Retained earnings		780,628		705,732
Accumulated other comprehensive income (loss), net		(62,548)		(4,980)
Treasury stock, at cost (1,923,732 and 1,808,408 shares as of March 31, 2022 and December 31, 2021)		(55,752)		(49,442)
Total shareholders' equity		1,377,406		1,366,217
• •	\$	19,163,708	\$	19,575,028
Total liabilities and shareholders' equity	Φ	17,103,708	Φ	19,373,028

CUSTOMERS BANCORP, INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF INCOME (LOSS) — UNAUDITED (amounts in thousands except per share data)

Net income from continuing operations

(amounts in thousands, except per share data)					
		Three Months Ended			
		March 31,	2021		
Interest income:					
Loans and leases	\$	157,175 \$	152,117		
Investment securities		20,295	7,979		
Other		6,006	1,019		
Total interest income		183,476	161,115		
Interest expense:					
Deposits		13,712	15,658		
FHLB advances		_	5,192		
Subordinated debt		2,689	2,689		
FRB PPP liquidity facility, federal funds purchased and other borrowings		2,376	4,845		
Total interest expense		18,777	28,384		
Net interest income		164,699	132,731		
Provision (benefit) for credit losses		15,997	(2,919)		
Net interest income after provision (benefit) for credit losses		148,702	135,650		
Non-interest income:					
Interchange and card revenue		76	85		
Deposit fees		940	863		
Commercial lease income		5,895	5,205		
Bank-owned life insurance		8,326	1,679		
Mortgage warehouse transactional fees		2,015	4,247		
Gain (loss) on sale of SBA and other loans		1,507	1,575		
Loan fees		2,545	1,436		
Mortgage banking income		481	463		
Gain (loss) on sale of investment securities		(1,063)	23,566		
Unrealized gain (loss) on investment securities		(276)	974		
Unrealized gain (loss) on derivatives		964	2,537		
Loss on cash flow hedge derivative terminations		_	(24,467)		
Other		(212)	305		
Total non-interest income		21,198	18,468		
Non-interest expense:					
Salaries and employee benefits		26,607	23,971		
Technology, communication and bank operations		24,068	19,988		
Professional services		6,956	5,877		
Occupancy		3,050	2,621		
Commercial lease depreciation		4,942	4,291		
FDIC assessments, non-income taxes and regulatory fees		2,383	2,719		
Loan servicing		2,371	437		
Advertising and promotion		315	561		
Merger and acquisition related expenses		_	418		
Loan workout		(38)	(261)		
Other	_	3,153	1,305		
Total non-interest expense		73,807	61,927		
Income before income tax expense		96,093	92,191		
Income tax expense		19,332	17,560		
N. C.	0	76.761	74.621		

(continued)

74,631

76,761 \$

Three	Mont	hs	Ende
,	A 1	2.1	

	Maich 31,					
	2022			2021		
Loss from discontinued operations before income taxes	\$		\$	(20,354)		
Income tax expense from discontinued operations		_		17,682		
Net loss from discontinued operations				(38,036)		
Net income		76,761		36,595		
Preferred stock dividends	<u> </u>	1,865		3,391		
Net income available to common shareholders	\$	74,896	\$	33,204		
Basic earnings per common share from continuing operations	\$	2.27	\$	2.23		
Basic earnings per common share		2.27		1.04		
Diluted earnings per common share from continuing operations		2.18		2.17		
Diluted earnings per common share		2.18		1.01		

CUSTOMERS BANCORP, INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) — UNAUDITED

(amounts in thousands)

Three Months Ended March 31, 2022 2021 Net income 76,761 \$ 36,595 Unrealized gains (losses) on available for sale debt securities: Unrealized gains (losses) arising during the period (78,858)400 Income tax effect 20,503 (104)Reclassification adjustments for (gains) losses included in net income 1,063 (23,566)Income tax effect (276)6,127 Net unrealized gains (losses) on available for sale debt securities (57,568) (17,143) Unrealized gains (losses) on cash flow hedges: Unrealized gains (losses) arising during the period 12,315 Income tax effect (3,202)Reclassification adjustment for (gains) losses included in net income 25,926 (6,741) Income tax effect Net unrealized gains (losses) on cash flow hedges 28,298 Other comprehensive income (loss), net of income tax effect (57,568)11,155 Comprehensive income (loss) 19,193 \$ 47,750

CUSTOMERS BANCORP, INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY — UNAUDITED

(amounts in thousands, except shares outstanding data)

Three Months Ended March 31, 2022

	Preferre	d Stock	Common	Common Stock								
	Shares of Preferred Stock Outstanding	Preferred Stock	Shares of Common Stock Outstanding	Common Stock	Additional Paid in Capital		Retained Earnings	Accumulated Other Comprehensive Income (Loss)		Treasury Stock		Total
Balance, December 31, 2021	5,700,000	\$ 137,794	32,913,267	\$ 34,722	\$	542,391	\$ 705,732	\$ (4,980)	\$	(49,442)	\$	1,366,217
Net income	_	_	_	_		_	76,761	_		_		76,761
Other comprehensive income (loss)	_	_	_	_		_	_	(57,568)		_		(57,568)
Preferred stock dividends (1)	_	_	_	_		_	(1,865)	_		_		(1,865)
Share-based compensation expense	_	_	_	_		3,703	_	_		_		3,703
Issuance of common stock under share- based compensation arrangements	_	_	159,904	160		(3,692)	_	_		_		(3,532)
Repurchase of common shares	_	_	(115,324)	_		_	_	_		(6,310)		(6,310)
Balance, March 31, 2022	5,700,000	\$ 137,794	32,957,847	\$ 34,882	\$	542,402	\$ 780,628	\$ (62,548)	\$	(55,752)	\$	1,377,406

Three Months	Ended March	31.	2021

-	Preferred Stock			Common Stock											
-	Shares of Preferred Stock Outstanding Preferred Stock				Common Paid in Stock Capital			Retained Earnings		Accumulated Other Comprehensive Income (Loss)		Treasury Stock		Total	
Balance, December 31, 2020	9,000,000	\$	217,471	31,705,088	\$	32,986	\$	455,592	\$	438,581	\$	(5,764)	\$	(21,780)	\$ 1,117,086
Net income	_		_	_		_		_		36,595		_		_	36,595
Other comprehensive income (loss)	_		_	_		_		_		_		11,155		_	11,155
Preferred stock dividends (1)	_		_	_		_		_		(3,391)		_		_	(3,391)
Sale of non-controlling interest in BMT (2)	_		_	_		_		31,893		_		_		_	31,893
Distribution of investment in BM Technologies (3)	_		_	_		_		_		(32,983)		_		_	(32,983)
Restricted stock awards to certain BMT team members (4)	_		_	_		_		19,592		_		_		_	19,592
Share-based compensation expense	_		_	_		_		3,609		_		_		_	3,609
Issuance of common stock under share- based compensation arrangements	_			533,674		533		4,632							5,165
Balance, March 31, 2021	9,000,000	\$	217,471	32,238,762	\$	33,519	\$	515,318	\$	438,802	\$	5,391	\$	(21,780)	\$ 1,188,721

- Dividends per share of \$0.333922 and \$0.310297 per share were declared on Series E and F preferred stock for the three months ended March 31, 2022. Dividends per share of \$0.34478125, \$0.40625, \$0.403125, and \$0.375 per share were declared on Series C, D, E, and F preferred stock for the three months ended March 31, 2021.
- Refer to NOTE 3 DISCONTINUED OPERATIONS for additional information about the sale of non-controlling interest in BMT including the reverse recapitalization of MFAC.
- Immediately after the closing of the BMT divestiture, Customers distributed all of its remaining investment in BM Technologies' common stock to its shareholders as special dividends, equivalent to 0.15389 of BM Technologies common stock for each share of Customers common stock. Refer to NOTE 3 – DISCONTINUED OPERATIONS.

 At the closing of the BMT divestiture, certain team members of BMT received restricted stock awards in BM Technologies' common stock. Refer to NOTE 3 – DISCONTINUED
- OPERATIONS.

CUSTOMERS BANCORP, INC. AND SUBSIDIARIES ${\bf CONSOLIDATED\ STATEMENTS\ OF\ CASH\ FLOWS-UNAUDITED}$

(amounts in thousands)

		onths Ended rch 31,
	2022	2021
Cash Flows from Operating Activities		
Net income from continuing operations	\$ 76,761	\$ 74,631
Adjustments to reconcile net income to net cash provided by (used in) by continuing operating activities:		
Provision (benefit) for credit losses	15,997	(2,919
Depreciation and amortization	6,055	
Share-based compensation expense	3,718	
Deferred taxes	(22,810)	
Net amortization (accretion) of investment securities premiums and discounts	918	`
Unrealized (gain) loss on investment securities	276	,
(Gain) loss on sale of investment securities	1,063	(23,566
Unrealized (gain) loss on derivatives	(964)	(2,537
Loss on cash flow hedge derivative terminations	-	24,467
Settlement of terminated cash flow hedge derivatives	_	(27,156
Fair value adjustment on loans held for sale	-	(1,115
(Gain) loss on sale of loans	(2,070)	(2,071
Origination of loans held for sale	(10,999)	(12,323
Proceeds from the sale of loans held for sale	24,813	17,122
Amortization (accretion) of loan net deferred fees, discounts and premiums	(27,907)	(345
Earnings on investment in bank-owned life insurance	(8,326	(1,679
(Increase) decrease in accrued interest receivable and other assets	66,855	20,979
Increase (decrease) in accrued interest payable and other liabilities	(6,440	135,679
Net Cash Provided By (Used In) Continuing Operating Activities	116,940	
Cash Flows from Investing Activities		
Proceeds from maturities, calls and principal repayments of investment securities	224,809	62,348
Proceeds from sales of investment securities available for sale	155,954	
Purchases of investment securities available for sale	(814,246	
Origination of mortgage warehouse loans	(7,938,526	
	8,475,173	
Proceeds from repayments of mortgage warehouse loans		
Net (increase) decrease in loans and leases, excluding mortgage warehouse loans	159,706	(486,158 39,534
Proceeds from sales of loans and leases	14,281	
Purchase of loans	(206,330)	
Proceeds from bank-owned life insurance	5,850	
Net proceeds from sale of FHLB, Federal Reserve Bank, and other restricted stock	15,205	
Purchases of bank premises and equipment	(274)	
Purchases of leased assets under lessor operating leases	(2,930)	
Net Cash Provided By (Used In) Continuing Investing Activities	88,672	(526,654
Cash Flows from Financing Activities		
Net increase (decrease) in deposits	(362,364)	1,162,511
Net increase (decrease) in short-term borrowed funds from the FHLB	(700,000))
Net increase (decrease) in federal funds purchased	625,000	115,000
Net increase (decrease) in borrowed funds from FRB PPP liquidity facility	_	(1,130,860
Preferred stock dividends paid	(1,823)	(3,401
Purchase of treasury stock	(6,310)	
Payments of employee taxes withheld from share-based awards	(3,755)	(1,988
Proceeds from issuance of common stock	208	6,684
Proceeds from sale of non-controlling interest in BMT	_	23,125
Net Cash Provided By (Used In) Continuing Financing Activities	(449,044	171,071
Net Increase (Decrease) in Cash and Cash Equivalents From Continuing Operations	\$ (243,432	
Discontinued Operations:	ψ (210,102)	(155,177
Net Cash Used In Operating Activities	\$ —	\$ (22,791
Net Increase (Decrease) in Cash and Cash Equivalents From Discontinued Operations	\$	(22,791
Net Increase (Decrease) in Cash and Cash Equivalents	(243,432)	
Cash and Cash Equivalents – Beginning	518,032	
Cash and Cash Equivalents – Ending	\$ 274,600	\$ 515,364

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2	2021
<u>.</u>	

	20	022	2021
Non-cash Investing and Financing Activities:			
Distribution of investment in BM Technologies common stock	\$	— \$	32,983
Transfer of loans held for investment to held for sale		_	44,258
Unsettled purchases of investment securities		_	56,620

CUSTOMERS BANCORP, INC. AND SUBSIDIARIES NOTES TO CONSOLIDATED UNAUDITED FINANCIAL STATEMENTS

NOTE 1 — DESCRIPTION OF THE BUSINESS

Customers Bancorp, Inc. "Customers Bancorp") is a bank holding company engaged in banking activities through its wholly owned subsidiary, Customers Bank ("the Bank"), collectively referred to as "Customers" herein.

Customers Bancorp and its wholly owned subsidiaries, the Bank, and non-bank subsidiaries, serve residents and businesses in Southeastern Pennsylvania (Bucks, Berks, Chester, Philadelphia and Delaware Counties); Harrisburg, Pennsylvania (Dauphin County); Rye Brook, New York (Westchester County); Hamilton, New Jersey (Mercer County); Boston, Massachusetts; Providence, Rhode Island; Portsmouth, New Hampshire (Rockingham County); Manhattan and Melville, New York; Washington, D.C.; Chicago, Illinois; Dallas, Texas; Orlando, Florida; Wilmington, North Carolina; and nationally for certain loan and deposit products. The Bank has 12 full-service branches and provides commercial banking products, primarily loans and deposits. In addition, Customers Bank also administratively supports loan and other financial products, including equipment finance leases, to customers through its limited-purpose offices in Boston, Massachusetts; Providence, Rhode Island; Portsmouth, New Hampshire; Manhattan and Melville, New York; Philadelphia and Lancaster, Pennsylvania; Chicago, Illinois; Dallas, Texas; Orlando, Florida and Wilmington, North Carolina; and other locations. The Bank also serves specialty niche businesses nationwide, including its commercial loans to mortgage banking businesses, commercial equipment financing, SBA lending, specialty lending and consumer loans through relationships with fintech companies.

The Bank is subject to regulation of the Pennsylvania Department of Banking and Securities and the Federal Reserve Bank and is periodically examined by those regulatory authorities.

NOTE 2 — SIGNIFICANT ACCOUNTING POLICIES AND BASIS OF PRESENTATION

Basis of Presentation

The interim unaudited consolidated financial statements have been prepared in conformity with U.S. GAAP and pursuant to the rules and regulations of the SEC. These interim unaudited consolidated financial statements reflect all normal and recurring adjustments that are, in the opinion of management, necessary to present a fair statement of the financial position and the results of operations and cash flows of Customers Bancorp and subsidiaries for the interim periods presented. Certain information and footnote disclosures normally included in the annual consolidated financial statements have been omitted from these interim unaudited consolidated financial statements as permitted by SEC rules and regulations. The December 31, 2021 consolidated balance sheet presented in this report has been derived from Customers Bancorp's audited 2021 consolidated financial statements. Management believes that the disclosures are adequate to present fairly the consolidated financial statements as of the dates and for the periods presented. These interim unaudited consolidated financial statements should be read in conjunction with the 2021 consolidated financial statements of Customers Bancorp and subsidiaries included in Customers' Annual Report on Form 10-K for the year ended December 31, 2021 filed with the SEC on February 28, 2022 (the "2021 Form 10-K"). The 2021 Form 10-K describes Customers Bancorp's significant accounting policies, which include its policies on Principles of Consolidation: Cash and Cash Equivalents and Statements of Cash Flows; Restrictions on Cash and Amounts due from Banks; Business Combinations; Investment Securities; Loan Accounting Framework; Loans Held for Sale and Loans at Fair Value; Loans Receivable - Mortgage Warehouse, at Fair Value; Loans Receivable, PPP; Loans and Leases Receivable; PCD Loans and Leases; ACL; Goodwill and Other Intangible Assets; FHLB, Federal Reserve Bank, and Other Restricted Stock; OREO; BOLI; Bank Premises and Equipment; Lessor and Lessee Operating Leases; Treasury Stock; Income Taxes; Share-Based Compensation; Transfer of Financial Assets; Derivative Instruments and Hedging; Comprehensive Income (Loss); EPS; and Loss Contingencies. There have been no material changes to Customers Bancorp's significant accounting policies noted above for the three months ended March 31, 2022.

Customers Bancorp completed the divestiture of BankMobile Technologies, Inc., the technology arm of its BankMobile segment, to MFAC Merger Sub Inc., an indirect wholly-owned subsidiary of MFAC on January 4, 2021. Following the completion of the divestiture of BMT, BankMobile's serviced deposits and loans and the related net interest income have been combined with Customers' financial condition and the results of operations as a single reportable segment. BMT's operating results and associated cash flows have been presented as "Discontinued operations" within the accompanying consolidated financial statements and prior period amounts have been reclassified to conform with the current period presentation. See – DISCONTINUED OPERATIONS for additional information.

Accounting and Reporting Considerations related to COVID-19

Accounting for PPP Loans

In April 2020, Customers began originating loans to qualified small businesses under the PPP administered by the SBA. The PPP loans are fully guaranteed by the SBA and may be eligible for forgiveness by the SBA to the extent the proceeds are used for payroll and other permitted purposes in accordance with the requirements of the PPP. These loans carry a fixed rate of 1.00% and terms of two or five years, if not forgiven, in whole or in part. Payments are deferred for the first six months of the loan. The loans are 100% guaranteed by the SBA. The SBA pays the originating bank a processing fee ranging from 1% to 5% based on the size of the loan. On December 27, 2020, the CAA was signed into law, including Division N, Title III, the Economic Aid to Hard-Hit Small Businesses, Nonprofits, and Venues Act, which provided \$284 billion in additional funding for the SBA's PPP for small businesses affected by the COVID-19 pandemic. On March 11, 2021, the American Rescue Plan Act of 2021 was enacted expanding eligibility for first and second round of PPP loans and revising the exclusions from payroll costs for purposes of loan forgiveness. The second round of PPP loans have the same general loan terms as the first round, and a processing fee of up to \$2,500 per loan of less than \$50,000, and 1% to 3% for loans greater than \$50,000. Customers classified the PPP loans as held for investment and these loans are carried at amortized cost and interest income is recognized using the interest method. The origination fees, net of direct origination costs, are deferred and recognized as an adjustment to the yield of the related loans over their contractual life using the interest method. Customers has elected to not estimate prepayments as a policy election. No ACL has been recognized for PPP loans as these loans are 100% guaranteed by the SBA. See NOTE 8 – LOANS AND LEASES RECEIVABLE AND ALLOWANCE FOR CREDIT LOSSES ON LOANS AND LEASES for additional information.

Loan Modifications

Section 4013 of the CARES Act, as amended by the CAA, gave entities temporary relief from the accounting and disclosure requirements for TDRs. In addition, on April 7, 2020, certain regulatory banking agencies issued an interagency statement that offered practical expedients for evaluating whether loan modifications in response to the COVID-19 pandemic were TDRs. Customers applied Section 4013 of the CARES Act and the interagency statement in connection with applicable modifications. For modifications that qualified under either the CARES Act or the interagency statement, TDR accounting and reporting was suspended. These modifications generally involved principal and/or interest payment deferrals for a period of 90 days at a time and could be extended to six months or longer for modifications that qualified under the Section 4013 of the CARES Act, as amended, if requested by the borrower as long as the reason was still related to COVID-19. These modified loans were not reported as past due or nonaccrual during the deferral period. See NOTE 8 – LOANS AND LEASES RECEIVABLE AND ALLOWANCE FOR CREDIT LOSSES ON LOANS AND LEASES for additional information.

Recently Issued Accounting Standards

Presented below are recently issued accounting standards that Customers has adopted as well as those that the FASB has issued but are not yet effective.

Accounting Standards Adopted in 2022

Standard	Summary of Guidance	Effects on Financial Statements
ASU 2020-06, Debt - Debt with Conversion and Other Options (Subtopic 470-20) and Derivatives and Hedging - Contracts in Entity's Own Equity (Subtopic 815-40): Accounting for Convertible Instruments and Contracts in an Entity's Own Equity Issued August 2020	 Provides for simplified accounting for convertible debt instruments by eliminating separation models in ASC 470-20 for convertible debt instruments with a cash conversion feature, or another beneficial conversion feature. Removes the requirements to consider whether a contract would be settled in registered shares, to consider whether collateral is required to be posted and to assess shareholders rights upon conversion. Effective for fiscal years beginning after December 15, 2021, including interim periods within those fiscal years. Early adoption is permitted, but no earlier than fiscal years beginning after December 15, 2020, including interim periods within those fiscal years. 	Customers adopted this guidance on January 1, 2022. The adoption of this guidance did not have any impact on Customers' financial condition, results of operations and consolidated financial statements.
ASU 2021-05, Leases (Topic 842): Lessors - Certain Leases with Variable Lease Payments Issued July 2021	 Provides updates for accounting for leases with variable lease payments under ASC 842. Allows for variable lease payments which are 1) not driven by a reference rate and 2) not dependent upon an estimate to be included within consideration or the investment in a lease at the inception of a sales-type or direct financing lease. Effective for fiscal years beginning after December 15, 2021 and interim periods within those fiscal years. Early adoption is permitted. 	Customers adopted this guidance on January 1, 2022. The adoption of this guidance did not have any impact on Customers' financial condition, results of operations and consolidated financial statements.

Accounting Standards Issued But Not Yet Adopted

Standard	Summary of Guidance	Effects on Financial Statements
ASU 2022-02, Financial Instruments - Credit Losses (Topic 326): Troubled Debt Restructurings and Vintage Disclosures Issued March 2022	 Eliminates the accounting guidance for TDRs by creditors, and applies the loan refinancing and restructuring guidance when a borrower is experiencing financial difficulty to determine whether a modification results in a new loan or a continuation of an existing loan. Provides enhanced disclosure requirements for certain loan refinancing and restructurings and disclosure of current-period gross write-offs by year of origination for financing receivables and net investments in leases within the scope of ASC 326. Effective for fiscal years beginning after December 15, 2022, including interim periods within those fiscal years. Early adoption is permitted, including adoption in any interim period, provided the amendments are adopted as of the beginning of the fiscal year that includes the interim period of adoption. Early adoption is permitted separately for the amendments to TDRs and vintage disclosures. TDR and vintage disclosures are to be adopted prospectively. An entity may adopt TDR recognition and measurement guidance prospectively or elect to use a modified retrospective transition method, with a cumulative effect adjustment to retained earnings at the beginning of the period of adoption. 	Customers expects this guidance will result in additional disclosures related to gross write-offs by vintage year and expansive disclosures for certain loan modifications to borrowers experiencing financial difficulty. Customers intends to adopt this guidance during adoption period and is currently evaluating the expected impact of this guidance on its financial condition, results of operations and consolidated financial statements.

NOTE 3 – DISCONTINUED OPERATIONS

On January 4, 2021, Customers Bancorp completed the divestiture of BMT, the technology arm of its BankMobile segment, to MFAC Merger Sub Inc., an indirect wholly-owned subsidiary of MFAC, pursuant to an Agreement and Plan of Merger, dated August 6, 2020, by and among MFAC, MFAC Merger Sub Inc., BMT, Customers Bank, the sole stockholder of BMT, and Customers Bancorp, the parent bank holding company for Customers Bank (as amended on November 2, 2020 and December 8, 2020). Following the completion of the divestiture of BMT, BankMobile's serviced deposits and loans and the related net interest income have been combined with Customers' financial condition and the results of operations as a single reportable segment.

Customers received cash consideration of \$23.1 million upon closing of the divestiture and \$3.7 million of additional cash consideration in May 2021. Upon closing of the divestiture, the holders of Customers Bancorp's common stock who held their shares as of the close of business on December 18, 2020 became entitled to receive an aggregate of 4,876,387 shares of BM Technologies' common stock. Customers distributed 0.15389 shares of BM Technologies common stock for each share of Customers Bancorp's common stock held as of the close of business on December 18, 2020 as special dividends. Certain team members of BMT also received 1,348,748 restricted shares of BM Technologies' common stock in the form of severance payments. The total stock consideration from the divestiture that were distributed to holders of Customers Bancorp's common stock and certain BMT team members represented 52% of the outstanding common stock of BM Technologies at the closing date of the divestiture.

The sale of BMT was accounted for as a sale of non-controlling interest and the merger between BMT and MFAC was accounted for as a reverse recapitalization as BMT was considered to be the accounting acquirer. Upon closing of the transaction, Customers had no remaining investment in BM Technologies.

BMT's historical financial results for periods prior to the divestiture are reflected in Customers Bancorp's consolidated financial statements as discontinued operations. BMT's operating results and associated cash flows have been presented as "Discontinued operations" within the accompanying consolidated financial statements and prior period amounts have been reclassified to conform with the current period presentation.

The following summarized financial information related to BMT has been segregated from continuing operations and reported as discontinued operations for the periods presented.

		Three Months End March 31,	ed
(amounts in thousands)	2	022	2021
Discontinued operations:			
Non-interest income	\$	— \$	_
Non-interest expense		<u> </u>	20,354
Loss from discontinued operations before income taxes			(20,354)
Income tax expense (benefit)			17,682
Net loss from discontinued operations	\$	<u> </u>	(38,036)

In connection with the divestiture, Customers entered into various agreements with BM Technologies, including a transition services agreement, software license agreement, deposit servicing agreement, non-competition agreement and loan agreement for periods ranging from one to ten years. Customers incurred expenses of \$17.8 million and \$13.7 million, respectively, to BM Technologies under the deposit servicing agreement, included within the technology, communication and bank operations expense in the income from continuing operations during the three months ended March 31, 2022 and 2021. Customers held \$2.2 billion and \$1.8 billion of deposits serviced by BM Technologies as of March 31, 2022 and December 31, 2021, respectively. The loan agreement with BM Technologies was terminated early in November 2021. The transition services agreement with BM Technologies, as amended, expired on March 31, 2022.

NOTE 4 — EARNINGS (LOSS) PER SHARE

The following are the components and results of Customers' earnings (loss) per common share calculations for the periods presented.

	 Three Months March 31	
(amounts in thousands, except share and per share data)	2022	2021
Net income from continuing operations available to common shareholders	\$ 74,896 \$	71,240
Net loss from discontinued operations	 	(38,036)
Net income available to common shareholders	\$ 74,896 \$	33,204
Weighted-average number of common shares outstanding – basic	32,957,033	31,883,946
Share-based compensation plans	 1,370,032	957,765
Weighted-average number of common shares – diluted	 34,327,065	32,841,711
Basic earnings (loss) per common share from continuing operations	\$ 2.27 \$	2.23
Basic earnings (loss) per common share from discontinued operations	_	(1.19)
Basic earnings (loss) per common share	2.27	1.04
Diluted earnings (loss) per common share from continuing operations	\$ 2.18 \$	2.17
Diluted earnings (loss) per common share from discontinued operations	_	(1.16)
Diluted earnings (loss) per common share	2.18	1.01

The following are securities that could potentially dilute basic earnings per common share in future periods that were not included in the computation of diluted earnings per common share because either the performance conditions for certain of the share-based compensation awards have not been met or to do so would have been anti-dilutive for the periods presented.

	Three Mor Marc	nths Ended h 31,
	2022	2021
Anti-dilutive securities:		
Share-based compensation awards	_	277,725

Income tax effect

Balance - March 31, 2021

NOTE 5 — CHANGES IN ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS) BY COMPONENT

The following tables present the changes in accumulated other comprehensive income (loss) by component for the three months ended March 31, 2022 and 2021. Amounts in parentheses indicate reductions to AOCI.

Three Months Ended March 31, 2022

Unrealized Gains

25,926

(6,741)

19,185

28,298

(778)

2,360

(614)

1,746

11,155

5,391

Unrealized Gains

(23,566)

6,127

(17,439)

(17,143)

6,169

\$

(amounts in thousands)	(Losses)	on Available Securities (1)	(Losses) on Cash Flow Hedges (2)		Total
Balance - December 31, 2021	\$	(4,980)	\$ —	\$	(4,980)
Unrealized gains (losses) arising during period, before tax		(78,858)	_		(78,858)
Income tax effect		20,503	_		20,503
Other comprehensive income (loss) before reclassifications		(58,355)	_		(58,355)
Reclassification adjustments for (gains) losses included in net income, before tax		1,063			1,063
Income tax effect		(276)			(276)
Amounts reclassified from accumulated other comprehensive income (loss) to net income		787	_		787
Net current-period other comprehensive income (loss)		(57,568)	_		(57,568)
Balance - March 31, 2022	\$	(62,548)	<u> </u>	\$	(62,548)
		Three M	Months Ended March 31,	2021	
(amounts in thousands)	(Losses)	on Available Securities (1)	Unrealized Gains (Losses) on Cash Flow Hedges ⁽²⁾		Total
Balance - December 31, 2020	\$	23,312	\$ (29,076)	\$	(5,764)
Unrealized gains (losses) arising during period, before tax	Ψ	400	12,315	<u> </u>	12,715
Income tax effect		(104)	(3,202)		(3,306)
Other comprehensive income (loss) before reclassifications		296	9,113		9,409

Reclassification adjustments for (gains) losses included in net income, before tax

Net current-period other comprehensive income (loss)

Amounts reclassified from accumulated other comprehensive income (loss) to net income

⁽¹⁾ Reclassification amounts for AFS debt securities are reported as gain (loss) on sale of investment securities on the consolidated statements of income.

⁽²⁾ Reclassification amounts for cash flow hedges are reported as interest expense for the applicable hedged items or loss on cash flow hedge derivative terminations on the consolidated statements of income.

NOTE 6 — INVESTMENT SECURITIES

The amortized cost and approximate fair value of investment securities as of March 31, 2022 and December 31, 2021 are summarized as follows:

			March 31, 2022 (1)							
(amounts in thousands)		Amortized Cost Allowance for Credit Losses		Gross Unrealized Gains		Gross Unrealized Losses			Fair Value	
Available for sale debt securities:										
Asset-backed securities	\$	351,847	\$	(728)	\$	87	\$	(7,587)	\$	343,619
Agency-guaranteed residential mortgage-backed securities		9,242		_		_		(973)		8,269
Agency-guaranteed commercial mortgage-backed securities		2,140		_		_		(95)		2,045
Agency-guaranteed residential collateralized mortgage obligations		618,998		_		833		(16,428)		603,403
Agency-guaranteed commercial collateralized mortgage obligations		172,410		_		_		(9,811)		162,599
Collateralized loan obligations		1,010,938		_		_		(6,576)		1,004,362
Commercial mortgage-backed securities		148,993		_		_		(1,368)		147,625
Corporate notes (2)		607,230		_		1,376		(14,856)		593,750
Private label collateralized mortgage obligations		1,302,400		_		_		(31,993)		1,270,407
State and political subdivision debt securities (3)		8,531		_		_		(581)		7,950
Available for sale debt securities	\$	4,232,729	\$	(728)	\$	2,296	\$	(90,268)		4,144,029
Equity securities (4)						-	_			25,824
Total investment securities, at fair value									\$	4,169,853

	December 31, 2021 (1)							
(amounts in thousands)	0.000 0.0		Gross Unrealized Gains	Gross Unrealized Losses			Fair Value	
Available for sale debt securities:								
Asset-backed securities	\$	297,291	\$	253	\$	(119)	\$	297,425
Agency-guaranteed residential mortgage-backed securities		9,865		_		(312)		9,553
Agency-guaranteed commercial mortgage-backed securities		2,162		_		(10)		2,152
Agency-guaranteed residential collateralized mortgage obligations		199,091		154		(2,315)		196,930
Agency-guaranteed commercial collateralized mortgage obligations		242,668		53		(3,877)		238,844
Collateralized loan obligations		1,067,770		247		(1,215)		1,066,802
Commercial mortgage-backed securities		149,054		53		(180)		148,927
Corporate notes (2)		575,273		6,334		(1,561)		580,046
Private label collateralized mortgage obligations		1,248,142		333		(6,010)		1,242,465
State and political subdivision debt securities (3)		8,535		_		(104)		8,431
Available for sale debt securities	\$	3,799,851	\$	7,427	\$	(15,703)		3,791,575
Equity securities (4)	-	·				-		25,575
Total investment securities, at fair value							\$	3,817,150

⁽¹⁾ Accrued interest on AFS debt securities totaled \$14.3 million and \$11.0 million at March 31, 2022 and December 31, 2021, respectively, and is included in accrued interest receivable on the consolidated balance sheet.

Includes corporate securities issued by domestic bank holding companies. Includes both taxable and non-taxable municipal securities.

Includes perpetual preferred stock issued by domestic banks and domestic bank holding companies and equity securities issued by fintech companies, without a

readily determinable fair value, and CRA-qualified mutual fund shares at March 31, 2022 and December 31, 2021. No impairments or measurement adjustments have been recorded on the equity securities without a readily determinable fair value since acquisition.

In June 2021, Customers sold all of the outstanding shares in CB Green Ventures Pte Ltd. and CUBI India Ventures Pte Ltd., which held the equity securities issued by a foreign entity, for \$3.8 million, and recognized \$2.8 million in loss on sale of foreign subsidiaries within non-interest income on the consolidated statement of income. During the three months ended March 31, 2021, Customers recognized unrealized gains of \$1.0 million on its equity securities. These unrealized gains and losses are reported as unrealized gain (loss) on investment securities within non-interest income on the consolidated statements of income.

Customers' transactions with unconsolidated VIEs include sales of consumer installment loans and investments in the securities issued by the VIEs. Customers is not the primary beneficiary of the VIEs because Customers has no right to make decisions that will most significantly affect the economic performance of the VIEs. Customers' continuing involvement with the unconsolidated VIEs is not significant. Customers' continuing involvement is not considered to be significant where Customers only invests in securities issued by the VIE and was not involved in the design of the VIE or where Customers has transferred financial assets to the VIE for only cash consideration. Customers' investments in the securities issued by the VIEs are classified as AFS debt securities on the consolidated balance sheets, and represent Customers' maximum exposure to loss.

Proceeds from the sale of AFS securities were \$156.0 million and \$353.9 million for the three months ended March 31, 2022 and 2021, respectively. Gross realized gains and realized losses from the sale of AFS debt securities were \$2.0 million and \$1.0 million for the three months ended March 31, 2022, respectively. Gross realized gains from the sale of AFS debt securities were \$23.6 million for the three months ended March 31, 2021. These gains (losses) were determined using the specific identification method and were reported as gain (loss) on sale of investment securities within non-interest income on the consolidated statements of income.

The following table presents debt securities by stated maturity. Debt securities backed by mortgages and other assets have expected maturities that differ from contractual maturities because borrowers have the right to call or prepay and, therefore, these debt securities are classified separately with no specific maturity date:

	March 31, 2022				
(amounts in thousands)		Amortized Cost		Fair Value	
Due in one year or less	\$	4,992	\$	4,999	
Due after one year through five years		419,539		409,141	
Due after five years through ten years		191,230		187,560	
Asset-backed securities		351,847		343,619	
Collateralized loan obligations		1,010,938		1,004,362	
Commercial mortgage-backed securities		148,993		147,625	
Agency-guaranteed residential mortgage-backed securities		9,242		8,269	
Agency-guaranteed commercial mortgage-backed securities		2,140		2,045	
Agency-guaranteed residential collateralized mortgage obligations		618,998		603,403	
Agency-guaranteed commercial collateralized mortgage obligations		172,410		162,599	
Private label collateralized mortgage obligations		1,302,400		1,270,407	
Total debt securities	\$	4,232,729	\$	4,144,029	

Gross unrealized losses and fair value of Customers' AFS debt securities for which an allowance for credit losses has not been recorded, aggregated by investment category and length of time that individual securities have been in a continuous unrealized loss position at March 31, 2022 and December 31, 2021 were as follows:

						March 3	31, 2	022						
		Less Than	12 N	Months		12 Month	ıs or	More	Total					
(amounts in thousands)	F	air Value	Unrealized Losses			Fair Value	Un	realized Losses		Fair Value	Uı	nrealized Losses		
Available for sale debt securities:				_		_				_		_		
Asset-backed securities	\$	199,725	\$	(3,832)	\$	_	\$	_	\$	199,725	\$	(3,832)		
Agency-guaranteed residential mortgage- backed securities		_		_		8,269		(973)		8,269		(973)		
Agency-guaranteed commercial mortgage- backed securities		2,045		(95)		_		_		2,045		(95)		
Agency-guaranteed residential collateralized mortgage obligations		434,524		(16,428)		_		_		434,524		(16,428)		
Agency-guaranteed commercial collateralized mortgage obligations		95,995		(3,764)		66,605		(6,047)		162,600		(9,811)		
Collateralized loan obligations		934,954		(6,457)		25,510		(119)		960,464		(6,576)		
Commercial mortgage-backed securities		129,365		(1,368)		_		_		129,365		(1,368)		
Corporate notes		393,997		(13,972)		14,115		(884)		408,112		(14,856)		
Private label collateralized mortgage obligations		856,760		(27,386)		42,196		(4,607)		898,956		(31,993)		
State and political subdivision debt securities		7,950	(581)						7,950	50 (581				
Total	\$	3,055,315	\$ (73,883)			156,695	\$	(12,630)	\$	3,212,010	\$	(86,513)		

		December 31, 2021													
	Less	Than 12	2 Months		12 Month	hs or N	1ore		Total						
(amounts in thousands)	Fair Value	: 1	Unrealized Losses		Fair Value	Unre	ealized Losses		Fair Value	Unre	ealized Losses				
Available for sale debt securities:															
Asset-backed securities	\$ 54,	753	\$ (119)	\$	_	\$	_	\$	54,753	\$	(119)				
Agency-guaranteed residential mortgage- backed securities	9,	554	(312)		_		_		9,554		(312)				
Agency-guaranteed commercial mortgage- backed securities	2,	152	(10)		_		_		2,152		(10)				
Agency-guaranteed residential collateralized mortgage obligations	173,	192	(2,315)		_		_		173,492		(2,315)				
Agency-guaranteed commercial collateralized mortgage obligations	118,	334	(3,877)		_		_		118,334		(3,877)				
Collateralized loan obligations	715,	250	(1,215)		_		_		715,250		(1,215)				
Commercial mortgage-backed securities	122,	597	(180)		_		_		122,597		(180)				
Corporate notes	188,	100	(1,561)		_		_		188,100		(1,561)				
Private label collateralized mortgage obligations	632,)91	(5,874)		6,818		(136)		638,909		(6,010)				
State and political subdivision debt securities	8,	130	(104)		_				8,430		(104)				
Total	\$ 2,024,	753	\$ (15,567)	\$	6,818	\$	(136)	\$	2,031,571	\$	(15,703)				

At March 31, 2022, there were 160 AFS debt securities with unrealized losses in the less-than-twelve-months category and 15 AFS debt securities with unrealized loss in the twelve-months-or-more category. Except for the four asset-backed securities where there was a deterioration in future estimated cash flows as further discussed below, the unrealized losses were principally due to changes in market interest rates that resulted in a negative impact on the respective securities' fair value and are expected to be recovered when market prices recover or at maturity. Customers does not intend to sell any of the 175 securities, and it is not more likely than not that Customers will be required to sell any of the 175 securities before recovery of the amortized cost basis. At December 31, 2021, there were 117 AFS debt securities in an unrealized loss position.

Customers recorded an allowance for credit losses on four asset-backed securities where there was a deterioration in future estimated cash flows during the three months ended March 31, 2022. A discounted cash flow approach is used to determine the amount of the allowance. The cash flows expected to be collected, after considering expected prepayments, are discounted at the original effective interest rate. The amount of the allowance is limited to the difference between the amortized cost basis of the security and its estimated fair value. The following table presents the activity in the allowance for credit losses on AFS debt securities, by major security type:

	Asset-backe	ed securities
(amounts in thousands)	Three Months E	Ended March 31,
Balance at January 1,	\$	_
Credit losses on securities for which credit losses were not previously recorded		728
Balance at March 31,	\$	728

At March 31, 2022 and December 31, 2021, Customers Bank had pledged investment securities aggregating \$16.9 million and \$11.3 million in fair value, respectively, as collateral primarily for an unused line of credit with another financial institution. These counterparties do not have the ability to sell or repledge these securities.

At March 31, 2022 and December 31, 2021, no securities holding of any one issuer, other than the U.S. government and its agencies, amounted to greater than 10% of shareholders' equity.

NOTE 7 – LOANS HELD FOR SALE

The composition of loans held for sale as of March 31, 2022 and December 31, 2021 was as follows:

(amounts in thousands)	 March 31, 2022	December 31, 2021
Consumer loans:		
Home equity conversion mortgages, at lower of cost or fair value	\$ 507	\$ 507
Residential mortgage loans, at fair value	 2,496	15,747
Total consumer loans held for sale	 3,003	16,254
Loans held for sale	\$ 3,003	\$ 16,254

Total loans held for sale as of March 31, 2022 and December 31, 2021 included NPLs of \$0.5 million.

NOTE 8 — LOANS AND LEASES RECEIVABLE AND ALLOWANCE FOR CREDIT LOSSES ON LOANS AND LEASES

The following table presents loans and leases receivable as of March 31, 2022 and December 31, 2021.

(amounts in thousands)	March 31, 2022	D	December 31, 2021
Loans and leases receivable, mortgage warehouse, at fair value	\$ 1,755,758	\$	2,284,325
Loans receivable, PPP	2,195,902		3,250,008
Loans and leases receivable:			
Commercial:			
Multi-family	1,705,027		1,486,308
Commercial and industrial (1)	3,995,802		3,424,783
Commercial real estate owner occupied	701,893		654,922
Commercial real estate non-owner occupied	1,140,311		1,121,238
Construction	161,024		198,981
Total commercial loans and leases receivable	 7,704,057		6,886,232
Consumer:			
Residential real estate	466,423		334,730
Manufactured housing	50,669		52,861
Installment	1,897,706		1,744,475
Total consumer loans receivable	 2,414,798		2,132,066
Loans and leases receivable	10,118,855		9,018,298
Allowance for credit losses on loans and leases	 (145,847)		(137,804)
Total loans and leases receivable, net of allowance for credit losses on loans and leases (2)	\$ 13,924,668	\$	14,414,827

- (1) Includes direct finance equipment leases of \$150.7 million and \$146.5 million at March 31, 2022 and December 31, 2021, respectively.
- (2) Includes deferred (fees) costs and unamortized (discounts) premiums, net of \$(22.8) million and \$(52.0) million at March 31, 2022 and December 31, 2021, respectively.

Customers' total loans and leases receivable portfolio includes loans receivable which are reported at fair value based on an election made to account for these loans at fair value and loans and leases receivable which are predominately reported at their outstanding unpaid principal balance, net of charge-offs and deferred costs and fees and unamortized premiums and discounts and are evaluated for impairment. The total amount of accrued interest receivable for total loans was \$80.7 million and \$81.6 million at March 31, 2022 and December 31, 2021, respectively, and is presented in accrued interest receivable in the consolidated balance sheet. At March 31, 2022 and December 31, 2021, there were \$31.8 million and \$38.9 million of individually evaluated loans that were collateral-dependent, respectively. Substantially all individually evaluated loans are collateral-dependent and consisted primarily of commercial and industrial, commercial real estate, and residential real estate loans. Collateral-dependent commercial and industrial loans were secured by accounts receivable, inventory and equipment; collateral-dependent commercial real estate loans were secured by residential real estate assets.

Loans receivable, mortgage warehouse, at fair value

Mortgage warehouse loans consist of commercial loans to mortgage companies. These mortgage warehouse lending transactions are subject to master repurchase agreements. As a result of the contractual provisions, for accounting purposes, control of the underlying mortgage loan has not transferred and the rewards and risks of the mortgage loans are not assumed by Customers. The mortgage warehouse loans are designated as loans held for investment and reported at fair value based on an election made to account for the loans at fair value. Pursuant to the agreements, Customers funds the pipelines for these mortgage lenders by sending payments directly to the closing agents for funded mortgage loans and receives proceeds directly from third party investors when the underlying mortgage loans are sold into the secondary market. The fair value of the mortgage warehouse loans is estimated as the amount of cash initially advanced to fund the mortgage, plus accrued interest and fees, as specified in the respective agreements. The interest rates on these loans are variable, and the lending transactions are short-term, with an average life under 30 days from purchase to sale. The primary goal of these lending transactions is to provide liquidity to mortgage companies.

At March 31, 2022 and December 31, 2021, all of Customers' commercial mortgage warehouse loans were current in terms of payment. As these loans are reported at their fair value, they do not have an ACL and are therefore excluded from ACL-related disclosures.

Loans receivable, PPP

Customers had \$2.2 billion and \$3.3 billion of PPP loans outstanding as of March 31, 2022 and December 31, 2021, respectively, which are fully guaranteed by the SBA and earn a fixed interest rate of 1.00%. Customers recognized interest income, including origination fees, of \$36.9 million and \$38.8 million for the three months ended March 31, 2022 and 2021, respectively.

PPP loans include an embedded credit enhancement from the SBA, which guarantees 100% of the principal and interest owed by the borrower provided that the SBA's eligibility criteria are met. As a result, the eligible PPP loans do not have an ACL and are therefore excluded from ACL-related disclosures.

Loans and leases receivable

The following tables summarize loans and leases receivable by loan and lease type and performance status as of March 31, 2022 and December 31, 2021:

			March 31, 2022												
(amounts in thousands)		30-59 Days past due ⁽¹⁾		60-89 Days past due (1)		90 Days or more past due	-	Total past due	le	Loans and eases not past due (2)	То	tal loans and leases (3)			
Multi-family	\$	10,690	\$	_	\$	16,181	\$	26,871	\$	1,678,156	\$	1,705,027			
Commercial and industrial		2,591		92		5,432		8,115		3,987,687		3,995,802			
Commercial real estate owner occupied		2,935		_		1,046		3,981		697,912		701,893			
Commercial real estate non-owner occupied				_		1,302		1,302		1,139,009		1,140,311			
Construction		_		_		_	_			161,024		161,024			
Residential real estate		5,151		446		4,808		10,405		456,018		466,423			
Manufactured housing		975		280		4,488		5,743		44,926		50,669			
Installment		7,974		4,868		4,865	17,707			1,879,999		1,897,706			
Total	\$ 30,316		\$	5,686	\$	38,122	\$ 74,124		\$ 10,044,73		\$	10,118,855			

	 December 31, 2021												
(amounts in thousands)	0-59 Days past due (1)		60-89 Days past due (1)		90 Days or nore past due	Total past due			Loans and ases not past due (2)	То	tal loans and leases (3)		
Multi-family	\$ 1,682	\$	2,707	\$	18,235	\$	22,624	\$	1,463,684	\$	1,486,308		
Commercial and industrial	2,093		95		5,929		8,117		3,416,666		3,424,783		
Commercial real estate owner occupied	287		_		1,304		1,591		653,331		654,922		
Commercial real estate non-owner occupied	_		_		2,815		2,815		1,118,423		1,121,238		
Construction	_		_		_		_		198,981		198,981		
Residential real estate	4,655		789		4,390		9,834		324,896		334,730		
Manufactured housing	2,308		768	4,949		8,025			44,836		52,861		
Installment	7,349	7,349			3,783		15,427		1,729,048		1,744,475		
Total	\$ 18,374	18,374 \$		\$	41,405	\$ 68,433		\$ 8,949,865		\$	9,018,298		

⁽¹⁾ Includes past due loans and leases that are accruing interest because collection is considered probable.

⁽²⁾ Loans and leases where next payment due is less than 30 days from the report date. The tables exclude PPP loans of \$2.2 billion, of which \$37.8 million were 30-59 days past due and \$88.3 million were 60 days or more past due as of March 31, 2022, and PPP loans of \$3.3 billion, of which \$6.3 million were 30-59 days past due and \$21.8 million were 60 days or more past due as of December 31, 2021. Claims for guarantee payments are submitted to the SBA for eligible PPP loans more than 60 days past due.

⁽³⁾ Includes PCD loans of \$9.4 million and \$9.9 million at March 31, 2022 and December 31, 2021, respectively.

Nonaccrual Loans and Leases

The following table presents the amortized cost of loans and leases held for investment on nonaccrual status.

			M	[arch 31, 2022 (1)			December 31, 2021 (1)									
(amounts in thousands)	with	Nonaccrual loans with no related allowance		Ionaccrual loans with related allowance	То	otal nonaccrual loans		naccrual loans rith no related allowance	Nonaccrual loans with related allowance		Total nonaccrual loans					
Multi-family	\$	17,869	\$		\$	17,869	\$	22,654	\$ —	\$	22,654					
Commercial and industrial		5,490		_		5,490		5,837	259		6,096					
Commercial real estate owner occupied		2,191		_		2,191		2,475	_		2,475					
Commercial real estate non-owner occupied		1,302		_		1,302		2,815	_		2,815					
Residential real estate		8,124		_		8,124		7,727	_		7,727					
Manufactured housing		_		3,430		3,430		_	3,563		3,563					
Installment				4,865		4,865		<u> </u>	3,783		3,783					
Total	\$	34,976	\$	8,295	\$	43,271	\$	41,508	\$ 7,605	\$	49,113					

(1) Presented at amortized cost basis.

Interest income recognized on nonaccrual loans was insignificant for the three months ended March 31, 2022 and 2021. Accrued interest reversed when the loans went to nonaccrual status was insignificant during the three months ended March 31, 2022 and 2021, respectively.

Allowance for credit losses on loans and leases

The changes in the ACL on loans and leases for the three months ended March 31, 2022 and 2021, and the loans and leases and ACL by loan and lease type are presented in the tables below.

(amounts in thousands)	Mul	lti-family	ommercial d industrial		Commercial real estate owner occupied		Commercial eal estate non- owner occupied	Construction			Residential real estate	Manufactured housing			Installment	Total
Three Months Ended March 31,		iti iuiiiij	 a maasima	_	occupicu	_	occupicu	-		_	Tour cource	_	nousing			 10111
2022																
Ending balance, December 31, 2021	\$	4,477	\$ 12,702	\$	3,213	\$	6,210	\$	692	\$	2,383	\$	4,278	\$	103,849	\$ 137,804
Charge-offs		_	(301)		_		_		_		(4)		_		(8,865)	(9,170)
Recoveries		337	360		7		8		113		6		_		1,113	1,944
Provision (benefit) for credit losses on loans and leases		2,623	(1,996)		621		(263)		134		2,300		64		11,786	15,269
Ending balance, March 31, 2022	\$	7,437	\$ 10,765	\$	3,841	\$	5,955	\$	939	\$	4,685	\$	4,342	\$	107,883	\$ 145,847
Three Months Ended March 31, 2021						_				_						
Ending balance, at December 31, 2020	\$	12,620	\$ 12,239	\$	9,512	\$	19,452	\$	5,871	\$	3,977	\$	5,190	\$	75,315	\$ 144,176
Charge-offs		(1,132)	(635)		(142)		_		_		(50)		_		(12,687)	(14,646)
Recoveries		_	260		8		10		5		10		_		1,832	2,125
Provision (benefit) for credit losses on loans and leases		(3,462)	(4,361)		(3,443)		(7,841)		(1,773)		(728)		(390)		19,079	(2,919)
Ending Balance, March 31, 2021	\$	8,026	\$ 7,503	\$	5,935	\$	11,621	\$	4,103	\$	3,209	\$	4,800	\$	83,539	\$ 128,736
										-						

At March 31, 2022, the ACL on loans and leases was \$145.8 million, an increase of \$8.0 million from the December 31, 2021 balance of \$137.8 million. The increase in ACL for the three months ended March 31, 2022 was primarily attributable to the loan growth in the loan portfolio for consumer installment, residential, multi-family and commercial and industrial loans.

Troubled Debt Restructurings

At March 31, 2022 and December 31, 2021, there were \$16.6 million and \$16.5 million, respectively, in loans reported as TDRs. TDRs are reported as impaired loans in the quarter of their restructuring and are evaluated to determine whether they should be placed on non-

accrual status. In subsequent quarters, a TDR may be returned to accrual status if it satisfies a minimum performance requirement of six months, however, it will remain classified as impaired. Generally, the Bank requires sustained performance for nine months before returning a TDR to accrual status. Customers had no lease receivables that had been restructured as a TDR as of March 31, 2022 and December 31, 2021, respectively.

Section 4013 of the CARES Act, as amended by the CAA, gave entities temporary relief from the accounting and disclosure requirements for TDRs. In addition, on April 7, 2020, certain regulatory banking agencies issued an interagency statement that offered practical expedients for evaluating whether loan modifications in response to the COVID-19 pandemic were TDRs. For COVID-19 related loan modifications which met the loan modification criteria under either the CARES Act or the criteria specified by the regulatory agencies, Customers elected to suspend TDR accounting for such loan modifications. There were no commercial deferments related to COVID-19 at March 31, 2022 and December 31, 2021. Consumer deferments related to COVID-19 were \$3.3 million and \$6.1 million at March 31, 2022 and December 31, 2021, respectively.

The following table presents loans modified in a TDR by type of concession for the three months ended March 31, 2022 and 2021. There were no modifications that involved forgiveness of debt for the three months ended March 31, 2022 and 2021.

		Three N	Months E	Ended March 31,					
	20)22		20)21				
(dollars in thousands)	Number of loans	Reco	Number of loans		ecorded estment				
Interest-rate reductions	10	\$	346	8	\$	184			
Other (1)	32		20		541				
Total	42	\$	797	28	\$	725			

(1) Other includes covenant modifications, forbearance, loans discharged under Chapter 7 bankruptcy, or other concessions.

As of March 31, 2022 and December 31, 2021, there were no commitments to lend additional funds to debtors whose loans have been modified in TDRs.

The following table presents, by loan type, the number of loans modified in TDRs and the related recorded investment, for which there was a payment default within twelve months following the modification:

	March	31, 2022	March	31, 2021
(dollars in thousands)	Number of loans	Recorded investment	Number of loans	Recorded investment
Manufactured housing	1	\$ 49	3	\$ 48
Residential real estate	_	_	1	56
Installment	23	276	16	250
Total loans	24	\$ 325	20	\$ 354

Loans modified in TDRs are evaluated for impairment. The nature and extent of impairment of TDRs, including those which have experienced a subsequent default, is considered in the determination of an appropriate level of ACL.

Credit Quality Indicators

The ACL represents management's estimate of expected losses in Customers' loans and leases receivable portfolio, excluding commercial mortgage warehouse loans reported at fair value pursuant to a fair value option election and PPP loans receivable. Multi-family, commercial and industrial, owner occupied commercial real estate, non-owner occupied commercial real estate, and construction loans are rated based on an internally assigned risk rating system which is assigned at the time of loan origination and reviewed on a periodic, or on an "as needed" basis. Residential real estate loans, manufactured housing and installment loans are evaluated based on the payment activity of the loan.

To facilitate the monitoring of credit quality within the multi-family, commercial and industrial, owner occupied commercial real estate, non-owner occupied commercial real estate, and construction loan portfolios, and as an input in the ACL lifetime loss rate model for the commercial and industrial loan portfolio, the Bank utilizes the following categories of risk ratings: pass/satisfactory (includes risk rating 1 through 6), special mention, substandard, doubtful, and loss. The risk rating categories, which are derived from standard regulatory rating definitions, are assigned upon initial approval of credit to borrowers and updated periodically thereafter. Pass ratings, which are assigned to those borrowers who do not have identified potential or well-defined weaknesses and for whom there is a high likelihood of orderly repayment, are updated periodically based on the size and credit characteristics of the borrower. All other categories are updated on a quarterly basis during the month preceding the end of the calendar quarter. While assigning risk ratings involves judgment, the risk-rating process allows management to identify riskier credits in a timely manner and allocate the appropriate resources to manage those loans and leases. The 2021 Form 10-K describes Customers Bancorp's risk rating grades.

Risk ratings are not established for certain consumer loans, including residential real estate, home equity, manufactured housing, and installment loans, mainly because these portfolios consist of a larger number of homogeneous loans with smaller balances. Instead, these portfolios are evaluated for risk mainly based upon aggregate payment history through the monitoring of delinquency levels and trends and are classified as performing and non-performing. The following tables present the credit ratings of loans and leases receivable as of March 31, 2022 and December 31, 2021.

Term Loans Amortized Cost Basis by Origination Year as of March 31, 2022

	_					iviaicii .	,,,	2022										
/ / · / · / · / · / · / · / · / · / · /		2022	2021			2020		2010		2019		D :	a	Revolving loans mortized		Revolving loans onverted to		T 4.1
(amounts in thousands) Multi-family loans:	_	2022	_	2021	_	2020	_	2019	_	2018	_	Prior	_	cost basis	_	term	_	Total
Pass	S	385.034	\$	400,699	S	132,732	\$	22.884	s	126.850	s	520.645	S	_	S	_	\$	1,588,844
Special mention	Ψ	_	Ψ	1,523	Ψ	-	Ψ	22,001	Ψ	5,033	Ψ.	49,200	Ψ	_	Ψ	_	Ψ	55,756
Substandard		_		_		_		_		_		60,427		_		_		60,427
Doubtful		_		_		_		_		_		_		_		_		_
Total multi-family loans	\$	385,034	\$	402,222	\$	132,732	\$	22,884	\$	131,883	\$	630,272	\$	_	\$	_	\$	1,705,027
Commercial and industrial loans and leases:																		
Pass	\$	1,008,340	\$	627,255	\$	284,982	\$	224,881	\$	57,750	\$	136,853	\$	1,578,024	\$	_	\$	3,918,085
Special mention		_		_		57		156		_		36,223		2,524		_		38,960
Substandard				20,400		4,901		4,565		86		1,464		7,341		_		38,757
Doubtful		_		_		_		_		_		_		_		_		_
Total commercial and industrial loans and leases	\$	1,008,340	\$	647,655	\$	289,940	\$	229,602	\$	57,836	\$	174,540	\$	1,587,889	\$	_	\$	3,995,802
Commercial real estate owner occupied loans:																		
Pass	\$	60,055	\$	210,933	\$	59,025	\$	122,135	\$	60,968	\$	150,564	\$	672	\$	_	\$	664,352
Special mention		_		_		_		3,010		_		2,302		_		_		5,312
Substandard		_		_		_		3,495		9,635		19,099		_		_		32,229
Doubtful		_		_		_		_		_		_		_		_		_
Total commercial real estate owner occupied loans	\$	60,055	\$	210,933	\$	59,025	\$	128,640	\$	70,603	\$	171,965	\$	672	\$	_	\$	701,893
Commercial real estate non-owner occupied:																		
Pass	\$	73,544	\$	135,995	\$	147,873	\$	76,351	\$	65,061	\$	443,165	\$	_	\$	_	\$	941,989
Special mention		_		_		21,572		_		953		6,069		_		_		28,594
Substandard		_		_		_		29,184		38,409		102,135		_		_		169,728
Doubtful		_		_		_		_		_		_		_		_		_
Total commercial real estate non-owner occupied loans	\$	73,544	\$	135,995	\$	169,445	\$	105,535	\$	104,423	\$	551,369	\$	_	\$	_	\$	1,140,311
Construction:																		
Pass	\$	11,779	\$	70,404	\$	13,894	\$	49,175	\$	4,791	\$	9,321	\$	1,660	\$	_	\$	161,024
Special mention		_		_		_		_		_		_		_		_		_
Substandard		_		_		_		_		_		_		_		_		_
Doubtful						_		_		_		_		_		_		_
Total construction loans	\$	11,779	\$	70,404	\$	13,894	\$	49,175	\$	4,791	\$	9,321	\$	1,660	\$	_	\$	161,024
Total commercial loans and leases receivable	\$	1,538,752	\$	1,467,209	\$	665,036	\$	535,836	\$	369,536	\$	1,537,467	\$	1,590,221	\$	_	\$	7,704,057
Residential real estate loans:																		
Performing	\$	8,713	\$	178,623	\$	12,064	\$	31,045	\$	17,126	\$	127,537	\$	84,904	\$	_	\$	460,012
Non-performing		_		_		_		329		1,138		4,009		935		_		6,411
Total residential real estate loans	\$	8,713	\$	178,623	\$	12,064	\$	31,374	\$	18,264	\$	131,546	\$	85,839	\$	_	\$	466,423
Manufactured housing loans:																		
Performing	\$	_	\$	_	\$	_	\$	248	\$	291	\$	46,315	\$	_	\$	_	\$	46,854
Non-performing												3,815						3,815
Total manufactured housing loans	\$	_	\$	_	\$	_	\$	248	\$	291	\$	50,130	\$	_	\$	_	\$	50,669
Installment loans:																		
Performing	\$	311,579	\$	883,638	\$	325,741	\$	265,764	\$		\$	2,082	\$	78,600	\$	_	\$	1,892,994
Non-performing		_		1,834		1,065		1,534		83		115		81		_		4,712
Total installment loans	\$	311,579	\$	885,472	\$	326,806	\$	267,298	\$	25,673	\$	2,197	\$	78,681	\$		\$	1,897,706
Total consumer loans	\$	320,292	\$	1,064,095	\$	338,870	\$	298,920	\$	44,228	\$	183,873	\$	164,520	\$	_	\$	2,414,798
Loans and leases receivable	\$	1,859,044	\$	2,531,304	\$	1,003,906	\$	834,756	\$	413,764	\$	1,721,340	\$	1,754,741	\$		\$	10,118,855

		Term Loan	s Aı	mortized C	ost	Basis by O	rigi	nation Yea	r as	of Decemb	ber 3	31, 2021							
(amounts in thousands)		2021		2020		2019		2018		2017		Prior	í	Revolving loans amortized cost basis		Revolving loans onverted to term		Total	
Multi-family loans:	_	2021	2020		2019		_	2010		2017		- 1101		COST Dasis	_	term	_	Total	
Pass	\$	403,075	S	133,452	S	23,068	S	209,070	\$	282,663	\$	316,491	\$		\$		6	1,367,819	
Special mention	3	403,075	3	133,452	\$	23,068	2	9,936	2	18,489	Þ	28,776	3	_	2	_	\$	57,201	
Substandard								9,930		38,216		23,072		_		_		61,288	
Doubtful		_				_		_		38,210		23,072		_		_		01,288	
Total multi-family loans	\$	403.075	S	133,452	\$	23.068	S	219.006	\$	339.368	\$	368,339	\$		\$		\$	1,486,308	
Commercial and industrial loans and leases:	\$	403,073	3	133,432	Э	23,008	Э	219,000	Э	339,308	Э	308,339	Э	_	Э	_	3	1,480,308	
Pass	\$	974,016	S	337,045	e.	266 677	•	86,691	e.	55,536	\$	89,860	e.	1,484,287	•		6	3,294,112	
	\$		3		\$	266,677	\$		\$		Э		\$		\$	_	\$		
Special mention		476		1,408		3,325		4,904		36,252		92		14,662		_		61,119	
Substandard		18,786		10,257		9,543		11,586		5,682		6,764		6,934		_		69,552	
Doubtful	_	002.270	•	240.710	Φ.	250 545	0	102 101	Φ.	07.470	•	06.716	Φ.	1 505 002	Φ.		0	2 424 702	
Total commercial and industrial loans and leases Commercial real estate owner occupied loans:	\$	993,278	\$	348,710	\$	279,545	\$	103,181	\$	97,470	\$	96,716	\$	1,505,883	\$	_	\$	3,424,783	
Pass	\$	213,102	\$	59,348	\$	124,626	\$	60,993	\$	58,073	\$	99,219	\$	672	\$	_	\$	616,033	
Special mention		_		_		2,876		318		2,044		572		_		_		5,810	
Substandard		_		_		3,750		9,682		8,824		10,823		_		_		33,079	
Doubtful		_		_		_		_		_		_		_		_		_	
Total commercial real estate owner occupied loans	\$	213,102	\$	59,348	\$	131,252	\$	70,993	\$	68,941	\$	110,614	\$	672	\$	_	\$	654,922	
Commercial real estate non-owner occupied:																			
Pass	\$	136,897	\$	149,898	\$	95,504	\$	66,040	\$	153,509	\$	310,435	\$	_	\$	_	\$	912,283	
Special mention		_		21,694		11,113		9,373		43,215		20,540		_		_		105,935	
Substandard		_		_		_		35,846		20,516		46,658		_		_		103,020	
Doubtful		_		_		_		_		_		_		_		_		_	
Total commercial real estate non-owner occupied loans	\$	136,897	\$	171,592	\$	106,617	\$	111,259	\$	217,240	\$	377,633	\$	_	\$	_	\$	1,121,238	
Construction:																			
Pass	\$	57,105	\$	49,199	\$	77,622	\$	4,828	\$	_	\$	9,414	\$	813	\$	_	\$	198,981	
Special mention		_		_		_		_		_		_		_		_		_	
Substandard		_		_		_		_		_		_		_		_		_	
Doubtful		_		_		_		_		_		_		_		_		_	
Total construction loans	\$	57,105	\$	49,199	\$	77,622	\$	4,828	\$	_	\$	9,414	\$	813	\$	_	\$	198,981	
Total commercial loans and leases receivable	\$	1,803,457	\$	762,301	\$	618,104	\$	509,267	\$	723,019	\$	962,716	\$	1,507,368	\$	_	\$	6,886,232	
Residential real estate loans:																			
Performing	\$	107,854	\$	8,251	\$	21,096	\$	11,389	\$	6,707	\$	84,035	\$	87,438	\$	_	\$	326,770	
Non-performing		_		_		335		1,015		669		3,587		2,354		_		7,960	
Total residential real estate loans	\$	107,854	\$	8,251	\$	21,431	\$	12,404	\$	7,376	\$	87,622	\$	89,792	\$	_	\$	334,730	
Manufactured housing loans:																			
Performing	\$	_	\$	_	\$	253	\$	299	\$	73	\$	47,537	\$	_	\$	_		48,162	
Non-performing		_		_		_		_		_		4,699		_		_		4,699	
Total manufactured housing loans	\$	_	\$	_	\$	253	\$	299	\$	73	\$	52,236	\$	_	\$	_	\$	52,861	
Installment loans:																			
Performing	\$	973,525	\$	390,788	\$	341,582	\$	31,481	\$	1,601	\$	1,016	\$	25	\$	_	\$	1,740,018	
Non-performing		1,162		1,002		2,074		156		2		61		_		_		4,457	
Total installment loans	\$	974,687	\$	391,790	\$	343,656	\$	31,637	\$	1,603	\$	1,077	\$	25	\$	_	\$	1,744,475	
Total consumer loans	\$	1,082,541	\$	400,041	\$	365,340	\$	44,340	\$	9,052	\$	140,935	\$	89,817	\$	_	\$	2,132,066	
Loans and leases receivable	\$	2,885,998	\$	1,162,342	\$	983,444	\$	553,607	\$	732,071	\$	1,103,651	\$	1,597,185	\$	_	\$	9,018,298	
	=		_		_		=		_		=		_		=		=		

Loan Purchases and Sales

Purchases and sales of loans were as follows for the three months ended March 31, 2022 and 2021:

	Three	Three Months Ended March 31,								
(amounts in thousands)	2022	2021								
Purchases (1)		· -								
Residential real estate	\$	146,874 \$ —								
Installment (2)		59,456 115,849								
Total	\$	206,330 \$ 115,849								
Sales (3)										
Commercial and industrial	\$	8,840 \$ 18,93								
Commercial real estate owner occupied		5,441 2,23								
Commercial real estate non-owner occupied		18,366								
Total	\$	14,281 \$ 39,534								

- (1) Amounts reported in the above table are the unpaid principal balance at time of purchase. The purchase price was 98.1% and 101.0% of loans outstanding for the three months ended March 31, 2022 and 2021, respectively.
- (2) Installment loan purchases for the three months ended March 31, 2022 and 2021 consist of third-party originated unsecured consumer loans. None of the loans are considered sub-prime at the time of origination. Customers considers sub-prime borrowers to be those with FICO scores below 660.
- (3) For the three months ended March 31, 2022 and 2021, loan sales resulted in net gains of \$2.1 million and \$1.6 million, respectively, included in gain (loss) on sale of SBA and other loans and mortgage banking income in the consolidated statements of income.

Loans Pledged as Collateral

Customers has pledged eligible real estate and commercial and industrial loans as collateral for borrowings from the FHLB and FRB in the amount of \$3.6 billion and \$3.7 billion at March 31, 2022 and December 31, 2021, respectively. No PPP loans were pledged to the FRB in accordance with borrowing from the PPPLF at March 31, 2022 and December 31, 2021.

NOTE 9 — LEASES

Lessee

Customers has operating leases for its branches, certain LPOs, and administrative offices, with remaining lease terms ranging between 3 months and 8 years. These operating leases comprise substantially all of Customers' obligations in which Customers is the lessee. Most lease agreements consist of initial lease terms ranging between 1 and 5 years, with options to renew the leases or extend the term up to 15 years at Customers' sole discretion. Some operating leases include variable lease payments that are based on an index or rate, such as the CPI. Variable lease payments are not included in the liability or ROU asset and are recognized in the period in which the obligation for those payments are incurred. Customers' operating lease agreements do not contain any material residual value guarantees or material restrictive covenants. Pursuant to these agreements, Customers does not have any commitments that would meet the definition of a finance lease.

As most of Customers' operating leases do not provide an implicit rate, Customers utilized its incremental borrowing rate when determining the present value of lease payments.

The following table summarizes operating lease ROU assets and operating lease liabilities and their corresponding balance sheet location:

(amounts in thousands)	Classification	_	March 31, 2022	I	December 31, 2021
ASSETS					_
Operating lease ROU assets	Other assets	\$	12,364	\$	12,677
LIABILITIES					
Operating lease liabilities	Other liabilities	\$	14,003	\$	14,524

The following table summarizes operating lease cost and its corresponding income statement location for the periods presented:

		Three Months Ended March 31,						
(amounts in thousands)	Classification	2022	2021					
Operating lease cost (1)	Occupancy expenses	\$ 998	\$	1,117				

(1) There were no variable lease costs for the three months ended March 31, 2022 and 2021, and sublease income for operating leases is immaterial.

Maturities of non-cancelable operating lease liabilities were as follows at March 31, 2022:

(amounts in thousands)	 March 31, 2022
2022	\$ 3,238
2023	4,018
2024	2,991
2025	2,060
2026	1,125
Thereafter	1,791
Total minimum payments	15,223
Less: interest	1,220
Present value of lease liabilities	\$ 14,003

Customers does not have leases where it is involved with the construction or design of an underlying asset. Customers has a signed lease that has not yet commenced as of March 31, 2022 with future minimum lease payments of \$7.1 million. Cash paid pursuant to the operating lease liability was \$1.2 million and \$1.1 million for the three months ended March 31, 2022 and 2021, respectively. These payments were reported as cash flows used in operating activities in the statement of cash flows.

The following table summarizes the weighted average remaining lease term and discount rate for Customers' operating leases at March 31, 2022 and December 31, 2021:

	March 31, 2022	December 31, 2021
Weighted average remaining lease term (years)		
Operating leases	4.7 years	3.9 years
Weighted average discount rate		
Operating leases	2.82 %	2.74 %

Equipment Lessor

CCF is a wholly-owned subsidiary of Customers Bank and is referred to as the Equipment Finance Group. CCF goes to market through the following origination platforms: vendors, intermediaries, direct and capital markets. CCF is primarily focused on serving the following segments: transportation, construction (includes crane and utility), marine, franchise, general manufacturing (includes machine tool), helicopter/fixed wing, solar, packaging, plastics and food processing. Terms typically range from 24 months to 120 months. CCF offers the following products: Loans, Capital Lease, PUT, TRAC, Split-TRAC, and FMV. Direct finance leases are included in commercial and industrial loans and leases receivable.

The residual values are established by utilizing internally developed analyses, external studies, and/or third-party appraisals to establish a residual position. Expected credit losses on direct financing leases and the related estimated residual values are included in the ACL on loans and leases.

Leased assets under operating leases are carried at amortized cost net of accumulated depreciation and any impairment charges and are presented in other assets. The depreciation expense of the leased assets is recognized on a straight-line basis over the contractual term of the leases up to the expected residual value. The expected residual value and, accordingly, the monthly depreciation expense, may change throughout the term of the lease. Operating lease rental income for leased assets is recognized in commercial lease income on a straight-line basis over the lease term. Customers periodically reviews its operating leased assets for impairment. An impairment loss is recognized if the carrying amount of the operating leased asset exceeds its fair value and is not recoverable. The carrying amount of operating leased assets is not recoverable if it exceeds the sum of the undiscounted cash flows expected to result from the lease payments and the estimated residual value upon the eventual disposition of the equipment.

The following table summarizes lease receivables and investment in operating leases and their corresponding balance sheet location at March 31, 2022 and December 31, 2021:

(amounts in thousands)	Classification	Marc	ch 31, 2022	Decembe	r 31, 2021
ASSETS			_		
Direct financing leases					
Lease receivables	Loans and leases receivable	\$	139,203	\$	134,855
Guaranteed residual assets	Loans and leases receivable		11,631		11,397
Unguaranteed residual assets	Loans and leases receivable		5,820		5,665
Deferred initial direct costs	Loans and leases receivable		623		448
Unearned income	Loans and leases receivable		(5,917)		(5,383)
Net investment in direct financing leases		\$	151,360	\$	146,982
Operating leases					
Investment in operating leases	Other assets	\$	159,177	\$	158,135
Accumulated depreciation	Other assets		(43,802)		(40,749)
Deferred initial direct costs	Other assets		809		872
Net investment in operating leases			116,184		118,258
Total lease assets		\$	267,544	\$	265,240

COVID-19 Impact on Leases

Customers granted concessions to lessees as a result of the business impact of the COVID-19 pandemic. Customers had no finance or operating leases with payment deferments at March 31, 2022. At December 31, 2021, the book values of finance and operating leases with payment deferments were \$22.8 million and \$7.4 million, respectively. The concessions did not have a material impact on interest income from leases for the three months ended March 31, 2022 and 2021. Additionally, Customers did not receive any concessions on its operating leases in which Customers is the lessee.

NOTE 10 - BORROWINGS

Short-term debt

Short-term debt at March 31, 2022 and December 31, 2021 was as follows:

	March 3	31, 2022	December 31, 2021			
(dollars in thousands)	Amount	Rate		Amount	Rate	
FHLB advances	\$ _	— %	\$	700,000	0.26 %	
Federal funds purchased	700,000	0.40 %		75,000	0.05 %	
Total short-term debt	\$ 700,000		\$	775,000		

The following is a summary of additional information relating to Customers' short-term debt:

(dollars in thousands)	March 31, 2022		mber 31, 2021 (2)
FHLB advances			
Maximum outstanding at any month end	\$	— \$	850,000
Average balance during the period		127,778	264,704
Weighted-average interest rate during the period		0.32 %	2.35 %
Federal funds purchased			
Maximum outstanding at any month end		700,000	365,000
Average balance during the period		88,611	22,110
Weighted-average interest rate during the period		0.33 %	0.07 %

- (1) For the three months ended March 31, 2022.
- (2) For the year ended December 31, 2021.

At March 31, 2022 and December 31, 2021, Customers Bank had aggregate availability under federal funds lines totaling \$0.7 billion and \$1.3 billion, respectively.

Long-term debt

FHLB and FRB advances

There were no long-term advances outstanding with the FHLB or FRB at March 31, 2022 and December 31, 2021.

Beginning in second quarter 2020, Customers began participating in the PPPLF, in which Federal Reserve Banks extend non-recourse loans to institutions that are eligible to make PPP loans. Only PPP loans that are guaranteed by the SBA under the PPP, with respect to both principal and interest that are originated or purchased by an eligible institution, may be pledged as collateral to the Federal Reserve Banks. During the three months ended September 30, 2021, Customers repaid the PPPLF advances. No new advances are available from the PPPLF after July 30, 2021.

The maximum borrowing capacity with the FHLB and FRB at March 31, 2022 and December 31, 2021 was as follows:

(amounts in thousands)	March 31, 2022	December 31, 2021
Total maximum borrowing capacity with the FHLB	\$ 3,337,211	\$ 2,973,635
Total maximum borrowing capacity with the FRB (1)	214,908	183,052
Qualifying loans serving as collateral against FHLB and FRB advances (1)	4,218,252	3,594,339

⁽¹⁾ Amounts reported in the above table exclude borrowings under the PPPLF, which are limited to the unpaid principal balance of the loans originated under the PPP. Customers had no borrowings under the PPPLF at March 31, 2022 and December 31, 2021.

Senior and Subordinated Debt

Long-term senior notes and subordinated debt at March 31, 2022 and December 31, 2021 were as follows:

(dollars in thousands)		Mare	ch 31, 2022	_ D	December 31, 2021					
Issued by	Ranking	Carry	ring Amount		Carrying Amount	Rate	Issued Amount	Date Issued	Maturity	Price
Customers Bancorp	Senior (1)	\$	99,844	\$	98,642	2.875 %	\$ 100,000	August 2021	August 2031	100.000 %
Customers Bancorp	Senior		24,702		24,672	4.500 %	25,000	September 2019	September 2024	100.000 %
Customers Bancorp	Senior		98,684		99,772	3.950 %	100,000	June 2017	June 2022	99.775 %
Total other borrowing	gs	\$	223,230	\$	223,086					
Customers Bancorp	Subordinated (2)(3)	\$	72,448	\$	72,403	5.375 %	\$ 74,750	December 2019	December 2034	100.000 %
Customers Bank	Subordinated (2)(4)		109,294		109,270	6.125 %	110,000	June 2014	June 2029	100.000 %
Total subordinated de	ebt	\$	181,742	\$	181,673					

- (1) The senior notes will bear an annual fixed rate of 2.875% until August 15, 2026. From August 15, 2026 until maturity, the notes will bear an annual interest rate equal to a benchmark rate, which is expected to be the three-month term SOFR, plus 235 basis points. Customers Bancorp has the ability to call the senior notes, in whole, or in part, at a redemption price equal to 100% of the principal balance at certain times on or after August 15, 2026.
- (2) The subordinated notes qualify as Tier 2 capital for regulatory capital purposes.
- (3) Customers Bancorp has the ability to call the subordinated notes, in whole, or in part, at a redemption price equal to 100% of the principal balance at certain times on or after December 30, 2029.
- (4) The subordinated notes will bear an annual fixed rate of 6.125% until June 26, 2024. From June 26, 2024 until maturity, the notes will bear an annual interest rate equal to the three-month LIBOR plus 344.3 basis points. Customers Bank has the ability to call the subordinated notes, in whole, or in part, at a redemption price equal to 100% of the principal balance at certain times on or after June 26, 2024.

NOTE 11 — SHAREHOLDERS' EQUITY

Common Stock

On August 25, 2021, the Board of Directors of Customers Bancorp authorized the Share Repurchase Program to repurchase up to 3,235,326 shares of the Company's common stock (representing 10% of the Company's outstanding shares of common stock on June 30, 2021). The term of the Share Repurchase Program will extend for one year from September 27, 2021, unless earlier terminated. Purchases of shares under the Share Repurchase Program may be executed through open market purchases, privately negotiated transactions, through the use of Rule 10b5-1 plans, or otherwise. The exact number of shares, timing for such purchases, and the price and terms at and on which such purchases are to be made will be at the discretion of the Company and will comply with all applicable regulatory limitations. Customers Bancorp purchased 115,324 shares of its common stock for \$6.3 million under the Share Repurchase Program on various dates during the three months ended March 31, 2022.

Preferred Stock

As of March 31, 2022, Customers Bancorp has two series of preferred stock outstanding. On September 15, 2021, Customers redeemed all of the outstanding shares of Series C and Series D Preferred Stock for an aggregate payment of \$82.5 million, at a redemption price of \$25.00 per share. The redemption price paid in excess of the carrying value of Series C and Series D Preferred Stock of \$2.8 million is included as a loss on redemption of preferred stock in the consolidated statement of income for the three months ended September 30, 2021. After giving effect to the redemption, no shares of the Series C and Series D Preferred Stock remained outstanding.

The table below summarizes Customers' issuances of preferred stock and the dividends paid per share.

(amounts in thousands except share and per share data)		Shar	res at	Carryin	g valu	ie at		Date at which dividend			
Fixed-to- floating rate:	Issue Date	March 31, 2022	December 31, 2021	arch 31, 2022	De	cember 31, 2021	Initial Fixed Rate	rate becomes floating and earliest redemption date	Floating rate of Three-Month LIBOR Plus:	Per Sl	nd Paid hare in 22 (1)
Series E	April 28, 2016	2,300,000	2,300,000	\$ 55,593	\$	55,593	6.45 %	June 15, 2021	5.140 %	\$	0.33
Series F	September 16, 2016	3,400,000	3,400,000	82,201		82,201	6.00 %	December 15, 2021	4.762 %	\$	0.31
Totals		5,700,000	5,700,000	\$ 137,794	\$	137,794					

⁽¹⁾ For the three months ended March 31, 2022.

On March 15, 2021, Series D Preferred Stock became floating at three-month LIBOR plus 5.09%, compared to a fixed rate of 6.50%. On June 15, 2021, the Series E Preferred Stock became floating at three-month LIBOR plus 5.14%, compared to a fixed rate of 6.45%. On December 15, 2021, the Series F Preferred Stock became floating at three-month LIBOR plus 4.762%, compared to a fixed rate of 6.00%.

NOTE 12 — REGULATORY CAPITAL

The Bank and the Bancorp are subject to various regulatory capital requirements administered by the federal banking agencies. Failure to meet the minimum capital requirements can result in certain mandatory, and possibly additional discretionary, actions by regulators that, if undertaken, could have a direct material effect on Customers' financial statements. Under capital adequacy guidelines and the regulatory framework for prompt corrective action, the Bank and the Bancorp must meet specific capital guidelines that involve quantitative measures of their assets, liabilities and certain off-balance sheet items, as calculated under the regulatory accounting practices. The capital amounts and classification are also subject to qualitative judgments by the regulators about components, risk weightings and other factors. Prompt corrective action provisions are not applicable to bank holding companies.

In first quarter 2020, U.S federal banking regulatory agencies permitted banking organizations to phase-in, for regulatory capital purposes, the day-one impact of the new CECL accounting rule on retained earnings over a period of three years. As part of its response to the impact of COVID-19, on March 31, 2020, the U.S. federal banking regulatory agencies issued an interim final rule that provided the option to temporarily delay certain effects of CECL on regulatory capital for two years, followed by a three-year transition period. The interim final rule allows banking organizations to delay for two years 100% of the day-one impact of adopting CECL and 25% of the cumulative change in the reported allowance for credit losses since adopting CECL. Customers has elected to adopt the interim final rule, which is reflected in the regulatory capital data presented below. The cumulative CECL capital transition impact as of December 31, 2021 which amounted to \$61.6 million will be phased in at 25% per year beginning on January 1, 2022 through December 31, 2024. As of March 31, 2022, our regulatory capital ratios reflected 75%, or \$46.2 million, benefit associated with the CECL transition provisions.

In April 2020, the U.S. federal banking regulatory agencies issued an interim final rule that permits banks to exclude the impact of participating in the SBA PPP program in their regulatory capital ratios. Specifically, PPP loans are zero percent risk weighted and a bank can exclude all PPP loans pledged as collateral to the PPPLF from its average total consolidated assets for purposes of calculating the Tier 1 capital to average assets ratio (i.e. a leverage ratio). Customers applied this regulatory guidance in the calculation of its regulatory capital ratios presented below.

Quantitative measures established by regulation to ensure capital adequacy require the Bank and the Bancorp to maintain minimum amounts and ratios (set forth in the following table) of common equity Tier 1, Tier 1, and total capital to risk-weighted assets, and Tier 1 capital to average assets (as defined in the regulations). At March 31, 2022 and December 31, 2021, the Bank and the Bancorp satisfied all capital requirements to which they were subject.

Generally, to comply with the regulatory definition of adequately capitalized, or well capitalized, respectively, or to comply with the Basel III capital requirements, an institution must at least maintain the common equity Tier 1, Tier 1 and total risk-based capital ratios and the Tier 1 leverage ratio in excess of the related minimum ratios as set forth in the following table:

Minimum Capital Levels to be Classified as:

					Minimum Capital Levels to be Classified as:								
	Actua		ual		Adequately	Capitalized		Well Ca	pitalized	Basel III Co		ompliant	
(dollars in thousands)		Amount	Ratio		Amount	Ratio		Amount	Ratio		Amount	Ratio	
As of March 31, 2022:													
Common equity Tier 1 capital (to risk-weighted assets)													
Customers Bancorp, Inc.	\$	1,344,684	9.893 %	\$	611,629	4.500 %		N/A	N/A	\$	951,423	7.000 %	
Customers Bank	\$	1,573,796	11.598 %	\$	610,658	4.500 %	\$	882,062	6.500 %	\$	949,913	7.000 %	
Tier 1 capital (to risk-weighted assets)													
Customers Bancorp, Inc.	\$	1,482,477	10.907 %	\$	815,505	6.000 %		N/A	N/A	\$	1,155,299	8.500 %	
Customers Bank	\$	1,573,796	11.598 %	\$	814,211	6.000 %	\$	1,085,615	8.000 %	\$	1,153,466	8.500 %	
Total capital (to risk-weighted assets)													
Customers Bancorp, Inc.	\$	1,749,655	12.873 %	\$	1,087,340	8.000 %		N/A	N/A	\$	1,427,134	10.500 %	
Customers Bank	\$	1,768,525	13.032 %	\$	1,085,615	8.000 %	\$	1,357,019	10.000 %	\$	1,424,870	10.500 %	
Tier 1 capital (to average assets)													
Customers Bancorp, Inc.	\$	1,482,477	7.723 %	\$	767,836	4.000 %		N/A	N/A	\$	767,836	4.000 %	
Customers Bank	\$	1,573,796	8.211 %	\$	766,712	4.000 %	\$	958,391	5.000 %	\$	766,712	4.000 %	
As of December 31, 2021:													
Common equity Tier 1 capital (to risk-weighted assets)													
Customers Bancorp, Inc.	\$	1,291,270	9.981 %	\$	582,179	4.500 %		N/A	N/A	\$	905,611	7.000 %	
Customers Bank	\$	1,526,583	11.825 %	\$	580,943	4.500 %	\$	839,140	6.500 %	\$	903,689	7.000 %	
Tier 1 capital (to risk-weighted assets)													
Customers Bancorp, Inc.	\$	1,429,063	11.046 %	\$	776,238	6.000 %		N/A	N/A	\$	1,099,671	8.500 %	
Customers Bank	\$	1,526,583	11.825 %	\$	774,591	6.000 %	\$	1,032,788	8.000 %	\$	1,097,337	8.500 %	
Total capital (to risk-weighted assets)													
Customers Bancorp, Inc.	\$	1,667,395	12.888 %	\$	1,034,984	8.000 %		N/A	N/A	\$	1,358,417	10.500 %	
Customers Bank	\$	1,692,512	13.110 %	\$	1,032,788	8.000 %	\$	1,290,985	10.000 %	\$	1,355,534	10.500 %	
Tier 1 capital (to average assets)													
Customers Bancorp, Inc.	\$	1,429,063	7.413 %	\$	771,084	4.000 %		N/A	N/A	\$	771,084	4.000 %	
Customers Bank	\$	1,526,583	7.925 %	\$	770,528	4.000 %	\$	963,160	5.000 %	\$	770,528	4.000 %	

The Basel III Capital Rules require that we maintain a 2.500% capital conservation buffer with respect to each of common equity Tier 1, Tier 1 and total capital to risk-weighted assets, which provides for capital levels that exceed the minimum risk-based capital adequacy requirements. A financial institution with a conservation buffer of less than the required amount is subject to limitations on capital distributions, including dividend payments and stock repurchases, and certain discretionary bonus payments to executive officers.

NOTE 13 — DISCLOSURES ABOUT FAIR VALUE OF FINANCIAL INSTRUMENTS

Customers uses fair value measurements to record fair value adjustments to certain assets and liabilities and to disclose the fair value of its financial instruments. ASC 825, *Financial Instruments*, requires disclosure of the estimated fair value of an entity's assets and liabilities considered to be financial instruments. For Customers, as for most financial institutions, the majority of its assets and liabilities are considered to be financial instruments. Many of these instruments lack an available trading market as characterized by a willing buyer and a willing seller engaging in an exchange transaction. For fair value disclosure purposes, Customers utilized certain fair value measurement criteria under ASC 820, *Fair Value Measurements and Disclosures* ("ASC 820"), as explained below.

In accordance with ASC 820, the fair value of a financial instrument is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Fair value is best determined based upon quoted market prices. However, in many instances, there are no quoted market prices for Customers' various financial instruments. In cases where quoted market prices are not available, fair values are based on estimates using present value or other valuation techniques. Those techniques are significantly affected by the assumptions used, including the discount rate and estimates of future cash flows. Accordingly, the fair value estimates may not be realized in an immediate settlement of the instrument.

The fair value guidance provides a consistent definition of fair value, focusing on an exit price in an orderly transaction (that is, not a forced liquidation or distressed sale) between market participants at the measurement date under current market conditions. If there has been a significant decrease in the volume and level of activity for the asset or liability, a change in valuation technique or the use of multiple valuation techniques may be appropriate. In such instances, determining the price at which willing market participants would transact at the measurement date under current market conditions depends on the facts and circumstances and requires the use of significant judgment. The fair value is a reasonable point within the range that is most representative of fair value under current market conditions.

The fair value guidance also establishes a fair value hierarchy and describes the following three levels used to classify fair value measurements.

- Level 1: Unadjusted quoted prices in active markets that are accessible at the measurement date for identical, unrestricted assets or liabilities.
- Level 2: Quoted prices in markets that are not active, or inputs that are observable either directly or indirectly, for substantially the full term of the asset or liability.
- Level 3: Prices or valuation techniques that require adjustments to inputs that are both significant to the fair value measurement and unobservable (i.e., supported with little or no market activity).

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.

The following methods and assumptions were used to estimate the fair values of Customers' financial instruments as of March 31, 2022 and December 31, 2021:

Financial Instruments Recorded at Fair Value on a Recurring Basis

Investment securities:

The fair values of equity securities with a readily determinable fair value, AFS debt securities and debt securities reported at fair value based on a fair value option election are determined by obtaining quoted market prices on nationally recognized and foreign securities exchanges (Level 1), quoted prices in markets that are not active (Level 2), matrix pricing (Level 2), which is a mathematical technique used widely in the industry to value debt securities without relying exclusively on quoted market prices for the specific securities but rather by relying on the securities' relationship to other benchmark quoted prices, or internally and externally developed models that use unobservable inputs due to limited or no market activity of the instrument (Level 3).

When quoted market prices are not available, Customers employs an independent pricing service that utilizes matrix pricing to calculate fair value. Such fair value measurements consider observable data such as dealer quotes, market spreads, cash flows, yield curves, live trading levels, trade execution data, market consensus prepayments speeds, credit information, and respective terms and conditions for debt instruments. Management maintains procedures to monitor the pricing service's results and has an established process to challenge their valuations, or methodologies, that appear unusual or unexpected.

Customers also utilizes internally and externally developed models that use unobservable inputs due to limited or no market activity of the instrument. These models use unobservable inputs that are inherently judgmental and reflect our best estimates of the assumptions a market participant would use to calculate fair value. Certain unobservable inputs in isolation may have either a directionally consistent or opposite impact on the fair value of the instrument for a given change in that input. When multiple inputs are used within the valuation techniques, a change in one input in a certain direction may be offset by an opposite change from another input. These assets are classified as Level 1, 2 or 3 fair values, based upon the lowest level of input that is significant to the fair value measurements.

Loans held for sale - Residential mortgage loans (fair value option):

Customers generally estimates the fair values of residential mortgage loans held for sale based on commitments on hand from investors within the secondary market for loans with similar characteristics. These assets are classified as Level 2 fair values, based upon the lowest level of input that is significant to the fair value measurements.

Loans receivable - Commercial mortgage warehouse loans (fair value option):

The fair value of commercial mortgage warehouse loans is the amount of cash initially advanced to fund the mortgage, plus accrued interest and fees, as specified in the respective agreements. The loan is used by mortgage companies as short-term bridge financing between the funding of the mortgage loans and the finalization of the sale of the loans to an investor. Changes in fair value are not generally expected to be recognized because at inception of the transaction the underlying mortgage loans have already been sold to an approved investor. Additionally, the interest rate is variable, and the transaction is short-term, with an average life of under 30 days from purchase to sale. These assets are classified as Level 2 fair values, based upon the lowest level of input that is significant to the fair value measurements.

Derivatives (assets and liabilities):

The fair values of interest rate swaps, interest rate caps and credit derivatives are determined using models that incorporate readily observable market data into a market standard methodology. This methodology nets the discounted future cash receipts and the discounted expected cash payments. The discounted variable cash receipts and payments are based on expectations of future interest rates derived from observable market interest rate curves. In addition, fair value is adjusted for the effect of nonperformance risk by incorporating credit valuation adjustments for Customers and its counterparties. These assets and liabilities are classified as Level 2 fair values, based upon the lowest level of input that is significant to the fair value measurements.

The fair values of the residential mortgage loan commitments are derived from the estimated fair values that can be generated when the underlying mortgage loan is sold in the secondary market. Customers generally uses commitments on hand from third party investors to estimate an exit price and adjusts for the probability of the commitment being exercised based on Customers' internal experience (i.e., pull-through rate). These assets and liabilities are classified as Level 3 fair values, based upon the lowest level of input that is significant to the fair value measurements.

Derivative assets and liabilities are presented in "Other assets" and "Accrued interest payable and other liabilities" on the consolidated balance sheet.

Financial Instruments Recorded at Fair Value on a Nonrecurring Basis

Collateral-dependent loans:

Collateral-dependent loans are those loans that are accounted for under ASC 326, *Financial Instruments - Credit Losses* ("ASC 326"), in which the Bank has measured impairment generally based on the fair value of the loan's collateral or DCF analysis. Fair value is generally determined based upon independent third-party appraisals of the properties that collateralize the loans, DCF based upon the expected proceeds, sales agreements or letters of intent with third parties. These assets are generally classified as Level 3 fair values, based upon the lowest level of input that is significant to the fair value measurements.

The following information should not be interpreted as an estimate of Customers' fair value in its entirety because fair value calculations are only provided for a limited portion of Customers' assets and liabilities. Due to a wide range of valuation techniques and the degree of subjectivity used in making these estimates, comparisons between Customers' disclosures and those of other companies may not be meaningful.

Derivatives

The estimated fair values of Customers' financial instruments at March 31, 2022 and December 31, 2021 were as follows.

					Fair Valu	іе Ме	easurements at Marcl	131,	2022
(amounts in thousands)	Ca	arrying Amount	Estimated Fair Value	Α	Quoted Prices in active Markets for Identical Assets (Level 1)		Significant Other Observable Inputs (Level 2)	U	Significant Inobservable Inputs (Level 3)
Assets:			 						
Cash and cash equivalents	\$	274,600	\$ 274,600	\$	274,600	\$	_	\$	_
Debt securities, available for sale		4,144,029	4,144,029		_		4,022,176		121,853
Loans held for sale		3,003	3,003		_		2,496		507
Total loans and leases receivable, net of allowance for credit losses on loans and leases		13,924,668	13,571,137		_		1,755,758		11,815,379
FHLB, Federal Reserve Bank and other restricted stock		46,040	46,040		_		46,040		_
Derivatives		21,954	21,954		_		21,805		149
Liabilities:									
Deposits	\$	16,415,560	\$ 16,343,932	\$	15,969,368	\$	374,564	\$	_
Federal funds purchased		700,000	700,000		700,000		_		_
Other borrowings		223,230	219,130		_		219,130		_
Subordinated debt		181,742	196,482		_		196,482		_
Derivatives		18,370	18,370		_		18,370		_
(amounts in thousands)	Ci	arrying Amount	Estimated Fair Value		Fair Value Quoted Prices in Active Markets for Identical Assets (Level 1)		Significant Other Observable Inputs (Level 2)		Significant Jnobservable Inputs (Level 3)
(amounts in thousands) Assets:	Ca	arrying Amount			Quoted Prices in Active Markets for Identical Assets		Significant Other Observable Inputs		Significant Jnobservable Inputs
Assets:	Ca \$		 Fair Value		Quoted Prices in Active Markets for Identical Assets (Level 1)		Significant Other Observable Inputs		Significant Jnobservable Inputs
Assets: Cash and cash equivalents	_	518,032 3,791,575	\$ Fair Value 518,032		Quoted Prices in Active Markets for Identical Assets		Significant Other Observable Inputs	τ	Significant Jnobservable Inputs (Level 3)
Assets:	_	518,032 3,791,575	\$ 518,032 3,791,575		Quoted Prices in Active Markets for Identical Assets (Level 1)		Significant Other Observable Inputs (Level 2) 3,648,690	τ	Significant Jnobservable Inputs
Assets: Cash and cash equivalents Debt securities, available for sale Loans held for sale Total loans and leases receivable, net of allowance for credit	_	518,032 3,791,575 16,254	\$ 518,032 3,791,575 16,254		Quoted Prices in Active Markets for Identical Assets (Level 1)		Significant Other Observable Inputs (Level 2) 3,648,690 15,747	τ	Significant Jnobservable Inputs (Level 3) 142,885 507
Assets: Cash and cash equivalents Debt securities, available for sale Loans held for sale Total loans and leases receivable, net of allowance for credit losses on loans and leases	_	518,032 3,791,575 16,254 14,414,827	\$ 518,032 3,791,575 16,254 14,207,811		Quoted Prices in Active Markets for Identical Assets (Level 1)		Significant Other Observable Inputs (Level 2)	τ	Significant Jnobservable Inputs (Level 3)
Assets: Cash and cash equivalents Debt securities, available for sale Loans held for sale Total loans and leases receivable, net of allowance for credit losses on loans and leases FHLB, Federal Reserve Bank and other restricted stock	_	518,032 3,791,575 16,254 14,414,827 64,584	\$ 518,032 3,791,575 16,254 14,207,811 64,584		Quoted Prices in Active Markets for Identical Assets (Level 1)		Significant Other Observable Inputs (Level 2) 3,648,690 15,747 2,284,325 64,584	τ	Significant Jnobservable Inputs (Level 3) 142,885 507 11,923,486
Assets: Cash and cash equivalents Debt securities, available for sale Loans held for sale Total loans and leases receivable, net of allowance for credit losses on loans and leases	_	518,032 3,791,575 16,254 14,414,827	\$ 518,032 3,791,575 16,254 14,207,811		Quoted Prices in Active Markets for Identical Assets (Level 1)		Significant Other Observable Inputs (Level 2)	τ	Significant Jnobservable Inputs (Level 3) 142,885 507
Assets: Cash and cash equivalents Debt securities, available for sale Loans held for sale Total loans and leases receivable, net of allowance for credit losses on loans and leases FHLB, Federal Reserve Bank and other restricted stock Derivatives	\$	518,032 3,791,575 16,254 14,414,827 64,584	\$ 518,032 3,791,575 16,254 14,207,811 64,584		Quoted Prices in Active Markets for Identical Assets (Level 1)		Significant Other Observable Inputs (Level 2) 3,648,690 15,747 2,284,325 64,584	\$	Significant Jnobservable Inputs (Level 3) 142,885 507 11,923,486
Assets: Cash and cash equivalents Debt securities, available for sale Loans held for sale Total loans and leases receivable, net of allowance for credit losses on loans and leases FHLB, Federal Reserve Bank and other restricted stock Derivatives Liabilities:	\$	518,032 3,791,575 16,254 14,414,827 64,584 27,295	518,032 3,791,575 16,254 14,207,811 64,584 27,295	\$	Quoted Prices in Active Markets for Identical Assets (Level 1) 518,032 ———————————————————————————————————	\$	Significant Other Observable Inputs (Level 2)	\$	Significant Jnobservable Inputs (Level 3) 142,885 507 11,923,486
Assets: Cash and cash equivalents Debt securities, available for sale Loans held for sale Total loans and leases receivable, net of allowance for credit losses on loans and leases FHLB, Federal Reserve Bank and other restricted stock Derivatives Liabilities: Deposits	\$	518,032 3,791,575 16,254 14,414,827 64,584 27,295	518,032 3,791,575 16,254 14,207,811 64,584 27,295	\$	Quoted Prices in Active Markets for Identical Assets (Level 1) 518,032 16,270,586	\$	Significant Other Observable Inputs (Level 2)	\$	Significant Jnobservable Inputs (Level 3) ———————————————————————————————————
Assets: Cash and cash equivalents Debt securities, available for sale Loans held for sale Total loans and leases receivable, net of allowance for credit losses on loans and leases FHLB, Federal Reserve Bank and other restricted stock Derivatives Liabilities: Deposits Federal funds purchased	\$	518,032 3,791,575 16,254 14,414,827 64,584 27,295 16,777,924 75,000	518,032 3,791,575 16,254 14,207,811 64,584 27,295 16,777,236 75,000	\$	Quoted Prices in Active Markets for Identical Assets (Level 1) 518,032 16,270,586	\$	Significant Other Observable Inputs (Level 2)	\$	Significant Jnobservable Inputs (Level 3) ———————————————————————————————————
Assets: Cash and cash equivalents Debt securities, available for sale Loans held for sale Total loans and leases receivable, net of allowance for credit losses on loans and leases FHLB, Federal Reserve Bank and other restricted stock Derivatives Liabilities: Deposits Federal funds purchased FHLB advances	\$	518,032 3,791,575 16,254 14,414,827 64,584 27,295 16,777,924 75,000 700,000	518,032 3,791,575 16,254 14,207,811 64,584 27,295 16,777,236 75,000 700,000	\$	Quoted Prices in Active Markets for Identical Assets (Level 1) 518,032 16,270,586	\$	Significant Other Observable Inputs (Level 2)	\$	Significant Jnobservable Inputs (Level 3) ———————————————————————————————————

26,544

26,544

26,544

For financial assets and liabilities measured at fair value on a recurring and nonrecurring basis, the fair value measurements by level within the fair value hierarchy used at March 31, 2022 and December 31, 2021 were as follows:

	March 31, 2022								
	Fair Value Measurements at the End of the Reporting Period Using								
(amounts in thousands)	Active M Identic	Prices in Markets for al Assets vel 1)	S	ignificant Other bservable Inputs (Level 2)	Un	Significant observable Inputs (Level 3)		Total	
Measured at Fair Value on a Recurring Basis:				_		_			
Assets									
Available for sale debt securities:									
Asset-backed securities	\$	_	\$	221,766	\$	121,853	\$	343,619	
Agency-guaranteed residential mortgage-backed securities		_		8,269		_		8,269	
Agency-guaranteed commercial mortgage-backed securities	\$	_		2,045		_		2,045	
Agency-guaranteed residential collateralized mortgage obligations		_		603,403		_		603,403	
Agency-guaranteed commercial collateralized mortgage obligations		_		162,599		_		162,599	
Collateralized loan obligations		_		1,004,362		_		1,004,362	
Commercial mortgage-backed securities		_		147,625		_		147,625	
Corporate notes		_		593,750		_		593,750	
Private label collateralized mortgage obligations		_		1,270,407		_		1,270,407	
State and political subdivision debt securities		_		7,950		_		7,950	
Derivatives		_		21,805		149		21,954	
Loans held for sale – fair value option		_		2,496		_		2,496	
Loans receivable, mortgage warehouse – fair value option				1,755,758				1,755,758	
Total assets – recurring fair value measurements	\$		\$	5,802,235	\$	122,002	\$	5,924,237	
Liabilities									
Derivatives	\$	_	\$	18,370	\$	_	\$	18,370	
Measured at Fair Value on a Nonrecurring Basis:									
Assets									
Collateral-dependent loans	\$	_	\$		\$	2,485	\$	2,485	
Total assets – nonrecurring fair value measurements	\$		\$		\$	2,485	\$	2,485	

Decem		

	December 31, 2021							
	Fair Value Measurements at the End of the Reporting Period Using							
(amounts in thousands)	Activ Ide	oted Prices in we Markets for entical Assets (Level 1)	Significant Other Observable Inputs (Level 2)		Significant Unobservable Inputs (Level 3)			Total
Measured at Fair Value on a Recurring Basis:								
Assets								
Available for sale debt securities:								
Asset-backed securities	\$	_	\$	154,540	\$	142,885	\$	297,425
Agency-guaranteed residential mortgage-backed securities		_		9,553		_		9,553
Agency-guaranteed commercial mortgage-backed securitie	s	_		2,152		_		2,152
Agency-guaranteed residential collateralized mortgage obligations		_		196,930		_		196,930
Agency-guaranteed commercial collateralized mortgage obligations		_		238,844		_		238,844
Collateralized loan obligations		_		1,066,802		_		1,066,802
Commercial mortgage-backed securities		_		148,927		_		148,927
Corporate notes		_		580,046		_		580,046
Private label collateralized mortgage obligations		_		1,242,465		_		1,242,465
State and political subdivision debt securities		_		8,431		_		8,431
Derivatives		_		27,116		179		27,295
Loans held for sale – fair value option				15,747		_		15,747
Loans receivable, mortgage warehouse - fair value option				2,284,325		_		2,284,325
Total assets – recurring fair value measurements	\$		\$	5,975,878	\$	143,064	\$	6,118,942
Liabilities								
Derivatives	\$	_	\$	26,544	\$		\$	26,544
Measured at Fair Value on a Nonrecurring Basis:								
Assets								
Collateral-dependent loans	\$		\$		\$	5,121	\$	5,121
Total assets – nonrecurring fair value measurements	\$		\$		\$	5,121	\$	5,121

The changes in residential mortgage loan commitments (Level 3 assets) measured at fair value on a recurring basis for the three months ended March 31, 2022 and 2021 are summarized in the tables below. Additional information about residential mortgage loan commitments can be found in NOTE 14 – DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES.

	Residential Mortgage Loan Commitments					
	 Three Months I	inded Mar	rch 31,			
(amounts in thousands)	 2022		2021			
Balance at January 1,	\$ 179	\$	200			
Issuances	149		196			
Settlements	(179)		(200)			
Balance at March 31,	\$ 149	\$	196			

The changes in asset-backed securities (Level 3 assets) measured at fair value on a recurring basis for the three months ended March 31, 2022 are summarized in the tables below.

	Asset-b	Asset-backed securities		
(amounts in thousands)	Three Mont	ths Ended March 31, 2022		
Balance at January 1,	\$	142,885		
Principal payments		(16,349)		
Credit losses		(728)		
Change in fair value recognized in OCI		(3,955)		
Balance at March 31,	\$	121,853		

There were no transfers between levels during the three months ended March 31, 2022 and 2021.

The following table summarizes financial assets and financial liabilities measured at fair value as of March 31, 2022 and December 31, 2021 on a recurring and nonrecurring basis for which Customers utilized Level 3 inputs to measure fair value. The unobservable Level 3 inputs noted below contain a level of uncertainty that may differ from what is realized in an immediate settlement of the assets. Therefore, Customers may realize a value higher or lower than the current estimated fair value of the assets.

		Quantitative Information a	bout Level 3 Fair Value Measurements	
Fair Value Estimate		Valuation Technique	Unobservable Input	Range (Weighted Average) (4)
			Discount rate	4% - 6% (4%)
			Annualized loss rate	7% - 8% (8%)
\$	121,853	Discounted cash flow	Constant prepayment rate	16% - 30% (19%)
	1,809	Collateral appraisal (1)	Liquidation expenses (2)	5% - 5% (5%)
		Collateral appraisal (1)	Liquidation expenses (2)	8% - 26% (13%)
	676	Business asset valuation (3)	Business asset valuation adjustments (4)	25% - 27% (26%)
	149	Adjusted market bid	Pull-through rate	69% - 88% (82%)
	Est	\$ 121,853 1,809	Fair Value Estimate Valuation Technique \$ 121,853 Discounted cash flow 1,809 Collateral appraisal (1) Collateral appraisal (1) 676 Business asset valuation (3)	Estimate Valuation Technique Unobservable Input Discount rate Annualized loss rate \$ 121,853 Discounted cash flow Constant prepayment rate 1,809 Collateral appraisal (1) Liquidation expenses (2) Collateral appraisal (1) Liquidation expenses (2) Business asset valuation adjustments (4)

Quantitative	Information about I	evel 3 Fair Value	Measurements

			(
(amounts in thousands)		Fair Value Estimate	Valuation Technique	Unobservable Input	Range (Weighted Average) (4)
<u>December 31, 2021</u>					
				Discount rate	4% - 5% (5%)
				Annualized loss rate	4% - 4% (4%)
Asset-backed securities	\$	142,885	Discounted cash flow	Constant prepayment rate	17% - 33% (19%)
Collateral-dependent loans – real estate		4,170	Collateral appraisal (1)	Liquidation expenses (2)	8% - 8% (8%)
			Collateral appraisal (1)	Liquidation expenses (2)	8% - 26% (12%)
Collateral-dependent loans – commercial and industrial		951	Business asset valuation (3)	Business asset valuation adjustments (4)	20% - 20% (20%)
Residential mortgage loan commitments		179	Adjusted market bid	Pull-through rate	76% - 89% (85%)

- (1) Obtained from approved independent appraisers. Appraisals are current and in compliance with credit policy. Customers does not generally discount appraisals. Fair value is also estimated based on sale agreements or letters of intent with third parties.
- (2) Appraisals are adjusted by management for liquidation expenses. The range and weighted average of liquidation expense adjustments are presented as a percentage of the appraisal.
- (3) Business asset valuation obtained from independent party.
- (4) Business asset valuations may be adjusted by management for qualitative factors including economic conditions and the condition of the business assets. The range and weighted average of the business asset adjustments are presented as a percent of the business asset valuation.

NOTE 14 — DERIVATIVE INSTRUMENTS AND HEDGING ACTIVITIES

Risk Management Objectives of Using Derivatives

Customers is exposed to certain risks arising from both its business operations and economic conditions. Customers manages economic risks, including interest rate, liquidity and credit risk, primarily by managing the amount, sources, and durations of its assets and liabilities. Specifically, Customers enters into derivative financial instruments to manage exposures that arise from business activities that result in the receipt or payment of future known and uncertain cash amounts, the values of which are determined by interest rates. Customers' derivative financial instruments are used to manage differences in the amount, timing, and duration of Customers' known or expected cash receipts and its known or expected cash payments principally related to certain borrowings and deposits. Customers also has interest-rate derivatives resulting from an accommodation provided to certain qualifying customers, and therefore, they are not used to manage Customers' interest-rate risk in assets or liabilities. Customers manages a matched book with respect to its derivative instruments used in this customer service in order to minimize its net risk exposure resulting from such transactions.

Cash Flow Hedges of Interest-Rate Risk

Customers' objectives in using interest-rate derivatives are to add stability to interest expense and to manage exposure to interest rate movements. To accomplish this objective, Customers primarily uses interest rate swaps as part of its interest rate risk management strategy. Interest rate swaps designated as cash flow hedges involve the receipt of variable amounts from a counterparty in exchange for Customers making fixed-rate payments over the life of the agreements without exchange of the underlying notional amount.

The changes in the fair value of derivatives designated and qualifying as cash flow hedges are recorded in AOCI and subsequently reclassified into earnings in the period that the hedged item affects earnings. To date, such derivatives were used to hedge the variable cash flows associated with the forecasted issuances of debt and a certain variable-rate deposit relationship.

Customers discontinues cash flow hedge accounting if it is probable the forecasted hedged transactions will not occur in the initially identified time period. At such time, the associated gains and losses deferred in AOCI are reclassified immediately into earnings and any subsequent changes in the fair value of such derivatives are recognized directly in earnings. During the three months ended March 31, 2021, Customers terminated four interest rate derivatives with notional amounts totaling \$850 million that were designated as cash flow hedges of interest-rate risk associated with 3-month FHLB advances, and reclassified \$25.9 million of the realized losses and accrued interest from AOCI to current earnings because the hedged forecasted transactions were determined to be no longer probable of occurring. Customers hedged its exposure to the variability in future cash flows for a variable-rate deposit, which matured in June 2021.

At March 31, 2022 and December 31, 2021, Customers had no interest rate derivative designated as cash flow hedges of interest rate risk.

Fair Value Hedges of Benchmark Interest-Rate Risk

Customers is exposed to changes in the fair value of certain of its fixed rate AFS debt securities due to changes in the benchmark interest rate. Customers uses interest rate swaps to manage its exposure to changes in fair value on these instruments attributable to changes in the designated benchmark interest rate such as the Fed Funds Effective Swap Rate. Interest rate swaps designated as fair value hedges involve the payment of fixed-rate amounts to a counterparty in exchange for Customers receiving variable-rate payments over the life of the agreements without the exchange of the underlying notional amount. For derivatives designated and that qualify as fair value hedges, the gain or loss on the derivative as well as the offsetting loss or gain on the hedged item attributable to the hedged risk are recognized in interest income.

At March 31, 2022, Customers had 14 outstanding interest rate derivatives with notional amounts totaling \$64.0 million that were designated as fair value hedges of certain AFS debt securities. During the three months ended March 31, 2022, Customers terminated two interest rate derivatives with notional amounts totaling \$16.5 million that were designated as fair value hedges together with the sale of hedged AFS debt securities. During the three months ended March 31, 2021, Customers terminated seven interest rate derivatives with notional amounts totaling \$186.8 million that were designated as fair value hedges together with the sale of hedged AFS debt securities. At December 31, 2021, Customers had 16 outstanding interest rate derivatives with notional amounts totaling \$80.5 million designated as fair value hedges.

As of March 31, 2022, the following amounts were recorded on the consolidated balance sheet related to cumulative basis adjustments for fair value hedges.

		Amorti	zed C	ost	Cumulative Amount of Hedging Adjustment to			
(amounts in thousands)	Ma	March 31, 2022 December 31, 2021				h 31, 2022	Decer	nber 31, 2021
AFS debt securities	\$	64,000	\$	80,500	\$	3,653	\$	1,750

Derivatives Not Designated as Hedging Instruments

Customers executes interest rate swaps (typically the loan customers will swap a floating-rate loan for a fixed-rate loan) and interest rate caps with commercial banking customers to facilitate their respective risk management strategies. The customer interest rate swaps and interest rate caps are simultaneously offset by interest rate swaps and interest rate caps that Customers executes with a third party in order to minimize interest-rate risk exposure resulting from such transactions. As the interest rate swaps and interest rate caps associated with this program do not meet the hedge accounting requirements, changes in the fair value of both the customer swaps and caps and the offsetting third-party market swaps and caps are recognized directly in earnings. At March 31, 2022, Customers had 153 interest rate swaps with an aggregate notional amount of \$263.2 million related to this program. At December 31, 2021, Customers had 153 interest rate swaps with an aggregate notional amount of \$1.4 billion and 14 interest rate caps with an aggregate notional amount of \$1.4 billion related to this program.

Customers enters into residential mortgage loan commitments in connection with its consumer mortgage banking activities to fund mortgage loans at specified rates and times in the future. These commitments are short-term in nature and generally expire in 30 to 60 days. The residential mortgage loan commitments that relate to the origination of mortgage loans that will be held for sale are considered derivative instruments under applicable accounting guidance and are reported at fair value, with changes in fair value recorded directly in earnings. At March 31, 2022 and December 31, 2021, Customers had an outstanding notional balance of residential mortgage loan commitments of \$6.4 million and \$8.2 million, respectively.

Customers has also purchased and sold credit derivatives to either hedge or participate in the performance risk associated with some of its counterparties. These derivatives are not designated as hedging instruments and are reported at fair value, with changes in fair value reported directly in earnings. At March 31, 2022 and December 31, 2021, Customers had outstanding notional balances of credit derivatives of \$129.1 million and \$129.9 million, respectively.

Fair Value of Derivative Instruments on the Balance Sheet

The following tables present the fair value of Customers' derivative financial instruments as well as their presentation on the consolidated balance sheets as of March 31, 2022 and December 31, 2021.

	March 31, 2022								
	Deriva	ative Ass	sets	Derivative Liabilities					
(amounts in thousands)	Balance Sheet Location	Fair Value		Balance Sheet Location		Fair Value			
Derivatives designated as fair value hedges:		_							
Interest rate swaps	Other assets	\$	3,653	Other liabilities	\$	_			
Total		\$	3,653		\$	_			
Derivatives not designated as hedging instruments:									
Interest rate swaps	Other assets	\$	16,007	Other liabilities	\$	16,158			
Interest rate caps	Other assets		2,090	Other liabilities		2,090			
Credit contracts	Other assets		55	Other liabilities		122			
Residential mortgage loan commitments	Other assets		149	Other liabilities		_			
Total		\$	18,301		\$	18,370			

	December 31, 2021									
	Deriva	Derivative Assets				ities				
(amounts in thousands)	Balance Sheet Location			Balance Sheet Location		Fair Value				
Derivatives designated as fair value hedges:										
Interest rate swaps	Other assets	\$	1,750	Other liabilities	\$	_				
Total		\$	1,750		\$					
Derivatives not designated as hedging instruments:										
Interest rate swaps	Other assets	\$	24,747	Other liabilities	\$	25,855				
Interest rate caps	Other assets		488	Other liabilities		488				
Credit contracts	Other assets		131	Other liabilities		201				
Residential mortgage loan commitments	Other assets		179	Other liabilities		_				
Total		\$	25,545		\$	26,544				

Effect of Derivative Instruments on Net Income

The following table presents amounts included in the consolidated statements of income related to derivatives designated as fair value hedges and derivatives not designated as hedges for the three months ended March 31, 2022 and 2021.

	Amount of Income (Loss) Recognized in Earnings								
			Three Months I	Ended 1	March 31,				
(amounts in thousands)	Income Statement Location		2022		2021				
Derivatives designated as fair value hedges:									
Recognized on interest rate swaps	Net interest income	\$	2,521	\$	4,907				
Recognized on hedged AFS debt securities	Net interest income		(2,521)		(4,907)				
Total		\$	_	\$	_				
Derivatives not designated as hedging instruments:									
Interest rate swaps	Other non-interest income	\$	961	\$	2,399				
Interest rate caps	Other non-interest income		_						
Credit contracts	Other non-interest income		3		137				
Residential mortgage loan commitments	Mortgage banking income		(31)		(4)				
Total		\$	933	\$	2,532				

Effect of Derivative Instruments on Comprehensive Income

The following table presents the effect of Customers' derivative financial instruments on comprehensive income for the three months ended March 31, 2022 and 2021.

	Amount	of Gain (Loss) Derivat		nized in OCI on	Location of Gain (Loss) Reclassified from Accumulated OCI into Income	Amount of Gain (Loss) Reclassified from Accumulated OCI into Income							
		Three Mon Marc		ed			Three Mor Marc		d				
(amounts in thousands)		2022		2021			2022		2021				
Derivatives in cash flow hedging relationships:													
Interest rate swaps	\$		\$	9,113	Interest expense	\$	_	\$	(1,459)				
	_		1		Other non-interest income				(24,467)				
						\$	_	\$	(25,926)				
						_		_					

⁽¹⁾ Amounts presented are net of taxes. See NOTE 5 – CHANGES IN ACCUMULATED OTHER COMPREHENSIVE INCOME (LOSS) for the total effect on other comprehensive income (loss) from derivatives designated as cash flow hedges for the periods presented.

Credit-risk-related Contingent Features

By entering into derivative contracts, Customers is exposed to credit risk. The credit risk associated with derivatives executed with customers is the same as that involved in extending the related loans and is subject to the same standard credit policies. To mitigate the credit-risk exposure to major derivative dealer counterparties, Customers only enters into agreements with those counterparties that maintain credit ratings of high quality or with central clearing parties.

Agreements with major derivative dealer counterparties contain provisions whereby default on any of Customers' indebtedness would be considered a default on its derivative obligations. Customers also has entered into agreements that contain provisions under which the counterparty could require Customers to settle its obligations if Customers fails to maintain its status as a well/adequately capitalized institution. As of March 31, 2022, the fair value of derivatives in a net asset position (which includes accrued interest but excludes any adjustment for nonperformance-risk) related to these agreements was \$9.6 million. In addition, Customers, which has collateral posting thresholds with certain of these counterparties, had posted \$4.1 million of cash as collateral at March 31, 2022. Customers records cash posted as collateral with these counterparties, except with a central clearing entity, as a reduction in the outstanding balance of cash and cash equivalents and an increase in the balance of other assets.

⁽²⁾ Includes loss on cash flow hedge derivative terminations.

Disclosures about Offsetting Assets and Liabilities

The following tables present derivative instruments that are subject to enforceable master netting arrangements. Customers' interest rate swaps and interest rate caps with institutional counterparties are subject to master netting arrangements and are included in the tables below. Interest rate swaps and interest rate caps with commercial banking customers and residential mortgage loan commitments are not subject to master netting arrangements and are excluded from the tables below. Customers has not made a policy election to offset its derivative positions.

	Gross Amounts Recognized on the	Gross Amounts Not Offset S						
(amounts in thousands) March 31, 2022	Consolidated Balance Sheets	Financial Instruments	Cash Collateral Received/(Posted)	Net Amount				
Interest rate derivative assets with institutional counterparties	\$ 6,546	<u>\$</u>	<u>\$</u>	\$ 6,546				
Interest rate derivative liabilities with institutional counterparties	\$ 4,115	<u> </u>	\$ (4,115)	<u>\$</u>				
	Gross Amounts Recognized on the		Gross Amounts Not Offset in the Consolidated Balance Sheet					
(amounts in thousands)	Consolidated Balance Sheets	Financial Instruments	Cash Collateral Received/(Posted)	Net Amount				
December 31, 2021 Interest rate derivative assets with institutional counterparties	s —	s —	s —	s —				
and the contract of the contra	*	*	*	*				
Interest rate derivative liabilities with institutional counterparties	\$ 23,348	s —	\$ (23,348)	\$ —				

NOTE 15 — LOSS CONTINGENCIES

Loss contingencies, including claims and legal actions arising in the ordinary course of business, are recorded as liabilities when the likelihood of loss is probable and an amount or range of loss can be reasonably estimated. Management does not believe there are any such matters that will have a material effect on the consolidated financial statements that are not currently accrued for. However, in light of the uncertainties inherent in these matters, it is possible that the ultimate resolution may have a material adverse effect on Customers' results of operations for a particular period, and future changes in circumstances or additional information could result in accruals or resolution in excess of established accruals, which could adversely affect Customers' results of operations, potentially materially.

Specialty's Café Bakery, Inc. Matter

On May 27, 2020, the appointed Chapter 7 Trustee for Specialty's Café Bakery, Inc. ("Debtor") filed a voluntary petition for relief under Chapter 7 of the Bankruptcy Code in the United States Bankruptcy Court for the Central District of California. On October 28, 2020, the Trustee, as plaintiff, filed her amended adversary complaint ("Adversary Complaint") against the Bank and the SBA seeking to avoid and recover for the benefit of the Debtor's estate and its creditors the payment made by the Debtor to the Bank in the amount of \$8.1 million in satisfaction of a PPP loan made by the Bank to the Debtor (the "PPP Loan Payment"). The Trustee sought to avoid and recover the entire PPP Loan Payment from the Bank under the authority provided in 11 U.S.C. §547 and §550, which together permit a trustee of a bankruptcy debtor to avoid and recover, for a more equitable distribution among all creditors, certain transfers made within ninety (90) days before the filing of the bankruptcy petition. On December 2, 2021, the Bank filed a motion for summary judgement, arguing that the Trustee had failed to establish the elements under 11 U.S.C. §547 necessary to recover the PPP Loan Payment and other affirmative defenses to any such recovery. On February 2, 2022, the United States Bankruptcy Court for the Central District of California granted the Bank's motion for summary judgment, finding that the PPP Loan Payment was not recoverable by the Trustee. The Trustee has elected not to appeal this decision and, on February 23, 2022, the case against the Bank was closed by the United States Bankruptcy Court for the Central District of California.

ITEM 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

Cautionary Note Regarding Forward-Looking Statements

This report and all attachments hereto, as well as other written or oral communications made from time to time by us, may contain forward-looking information within the meaning of the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995. These forward-looking statements include statements with respect to Customers Bancorp, Inc.'s strategies, goals, beliefs, expectations, estimates, intentions, capital raising efforts, financial condition and results of operations, future performance and business. Statements preceded by, followed by, or that include the words "may," "could," "should," "pro forma," "looking forward," "would," "believe," "expect," "anticipate," "estimate," "intend," "plan," "project," or similar expressions generally indicate a forwardlooking statement. These forward-looking statements involve risks and uncertainties that are subject to change based on various important factors (some of which, in whole or in part, are beyond Customers Bancorp, Inc.'s control). Numerous competitive, economic, regulatory, legal and technological events and factors, among others, could cause Customers Bancorp, Inc.'s financial performance to differ materially from the goals, plans, objectives, intentions and expectations expressed in such forward-looking statements, including; the impact of the ongoing pandemic on the U.S. economy and customer behavior, the impact that changes in the economy have on the performance of our loan and lease portfolio, the market value of our investment securities, the continued success and acceptance of our blockchain payments system, the demand for our products and services and the availability of sources of funding; the effects of actions by the federal government, including the Board of Governors of the Federal Reserve System and other government agencies, that affect market interest rates and the money supply; actions that we and our customers take in response to these developments and the effects such actions have on our operations, products, services and customer relationships; and the effects of any changes in accounting standards or policies. Customers Bancorp, Inc. cautions that the foregoing factors are not exclusive, and neither such factors nor any such forward-looking statement takes into account the impact of any future events. All forward-looking statements and information set forth herein are based on management's current beliefs and assumptions as of the date hereof and speak only as of the date they are made. For a more complete discussion of the assumptions, risks and uncertainties related to our business, you are encouraged to review Customers Bancorp, Inc.'s filings with the Securities and Exchange Commission, including its most recent annual report on Form 10-K for the year ended December 31, 2021, subsequently filed quarterly reports on Form 10-Q and current reports on Form 8-K, including any amendments thereto, that update or provide information in addition to the information included in the Form 10-K and Form 10-Q filings, if any. Customers Bancorp, Inc. does not undertake to update any forward-looking statement whether written or oral, that may be made from time to time by Customers Bancorp, Inc. or by or on behalf of Customers Bank, except as may be required under applicable law.

Management's discussion and analysis represents an overview of the financial condition and results of operations, and highlights the significant changes in the financial condition and results of operations, as presented in the accompanying consolidated financial statements for Customers Bancorp, Inc. (the "Bancorp" or "Customers Bancorp"), a financial holding company, and its wholly owned subsidiaries, including Customers Bank (the "Bank"), collectively referred to as "Customers" herein. This information is intended to facilitate your understanding and assessment of significant changes and trends related to Customers' financial condition and results of operations as of and for the three months ended March 31, 2022. All quarterly information in this Management's Discussion and Analysis is unaudited. You should read this section in conjunction with "Management's Discussion and Analysis of Financial Condition and Results of Operations" included in Customers' 2021 Form 10-K.

Overview

Like most financial institutions, Customers derives the majority of its income from interest it receives on its interest-earning assets, such as loans, leases and investments. Customers' primary source of funds for making these loans, leases and investments are its deposits and borrowings, on which it pays interest. Consequently, one of the key measures of Customers' success is the amount of its net interest income, or the difference between the interest income on its interest-earning assets and the interest expense on its interest-bearing liabilities, such as deposits and borrowings. Another key measure is the difference between the interest income generated by interest earning assets and the interest expense on interest-bearing liabilities, relative to the amount of average interest earning assets, which is referred to as net interest margin.

Customers Bancorp completed the divestiture of BankMobile Technologies, Inc., the technology arm of its BankMobile segment, to MFAC Merger Sub Inc., an indirect wholly-owned subsidiary of MFAC on January 4, 2021. Following the completion of the divestiture of BMT, BankMobile's serviced deposits and loans and the related net interest income have been combined with Customers' financial condition and the results of operations as a single reportable segment. BMT's operating results and associated cash flows have been presented as "Discontinued operations" within the accompanying consolidated financial statements and prior period amounts have been reclassified to conform with the current period presentation. For additional information refer to "NOTE 3 – DISCONTINUED OPERATIONS" to Customers' unaudited consolidated financial statements.

In October 2021, Customers Bank launched the Customers Bank Instant Token or CBITTM on the TassatPayTM blockchain-based instant B2B payments platform, which serves a growing array of B2B clients who want the benefit of instant payments: including key over-the-counter desks, exchanges, liquidity providers, market makers, funds, and B2B verticals such as trading operations, real estate,

manufacturing, and logistics. CBIT may only be created by, transferred to and redeemed by commercial customers of Customers Bank on the instant B2B payments platform by maintaining U.S. dollars in non-interest bearing deposits at Customers Bank. CBIT is not listed or traded on any digital currency exchange. As of March 31, 2022, Customers Bank held \$1.8 billion of deposits from customers participating in CBIT.

To further build its franchise and support the growth of its commercial lending initiatives, Customers added three new commercial verticals during 2021 within its Specialty Banking business. These three new verticals included fund finance, technology and venture capital banking and financial institutions group that provide financing to the private equity industry and cash management services to the alternative investment industry. Customers also launched a pilot digital small balance 7(a) lending within its existing SBA Lending business in third quarter 2021.

There is credit risk inherent in loans and leases requiring Customers to maintain an ACL to absorb credit losses on existing loans and leases that may become uncollectible. Customers maintains this allowance by charging a provision for credit losses on loan and leases against its operating earnings. Customers has included a detailed discussion of this process, as well as several tables describing its ACL, in "NOTE 2 – SIGNIFICANT ACCOUNTING POLICIES AND BASIS OF PRESENTATION" and "NOTE 8 – LOANS AND LEASES RECEIVABLE AND ALLOWANCE FOR CREDIT LOSSES ON LOANS AND LEASES" to Customers' unaudited consolidated financial statements.

Impact of COVID-19, Geopolitical Conflict and Macroeconomic Uncertainties

In March 2020, the outbreak of COVID-19 was recognized as a pandemic by the World Health Organization. The spread of COVID-19 and its variants has created a global public health crisis that has resulted in unprecedented uncertainty, volatility and disruption in financial markets and in governmental, commercial and consumer activity in the United States and globally, including the markets that Customers serves. Governmental responses during the pandemic have included orders closing businesses not deemed essential and directing individuals to restrict their movements, observe social distancing and shelter in place. These actions, together with responses to the pandemic by businesses and individuals, resulted in rapid decreases in commercial and consumer activity, temporary closures of many businesses that led to a loss of revenues and a rapid increase in unemployment, material decreases in oil and gas prices and in business valuations, disrupted global supply chains, market downturns and volatility, changes in consumer behavior related to pandemic fears, related emergency response legislation including the CARES Act and subsequent amendments and the Federal Reserve Board maintaining a low interest rate environment. The CARES Act included the SBA's PPP, a nearly \$350 billion program designed to aid small- and medium-sized businesses through federally guaranteed loans distributed through banks. The PPP ended on May 31, 2021. Customers has helped thousands of small businesses by funding over \$10 billion in PPP loans directly or through partnerships.

In response to the COVID-19 pandemic, Customers has taken deliberate actions to ensure that it has the necessary balance sheet strength to serve its clients and communities, including increases in liquidity and reserves supported by a strong capital position. Customers' business and consumer customers continue to experience varying degrees of financial distress. In order to protect the health of its customers and team members, and to comply with applicable government directives, Customers had modified its business practices, including directing team members to work remotely insofar as is possible and implementing its business continuity plans and protocols to the extent necessary. Since that time, Customers has launched the "Return to Workplace" initiative, and communicated a goal of having more team members return to the workplace. In that communication, Customers announced the following steps along with a continuing commitment to remain empathetic and cognizant of balancing company principles, customer support, team member support and remaining vigilant in tracking and preventing COVID-19 exposures to protect our team members and customers. Customers implemented a "hybrid model" encouraging and tracking the movement of more team members returning to the office, released a communication requiring all team members to read, sign and acknowledge a Code of Commitment to reveal exposures to COVID-19, thereby allowing Customers to manage the possible impact with 100 percent participation of our team members. Customers has started tracking vaccination rates and less than 10 percent of our team members are not vaccinated or not planning to be vaccinated.

Customers also implemented a short-term loan modification program to provide temporary payment relief to certain of its borrowers who met the program's qualifications. This program allowed for a deferral of payments for a maximum of 90 days at a time. The deferred payments along with interest accrued during the deferral period are due and payable on the maturity date of the existing loan. On December 27, 2020, the CAA was signed into law, which extended and expanded various relief provisions of the CARES Act including the temporary relief from the accounting and disclosure requirements for TDRs until January 1, 2022. All commercial loans previously on deferments became current by December 31, 2021 from a peak of \$1.2 billion. Customers had no pending commercial loan deferment requests as of December 31, 2021. As of March 31, 2022, total consumer deferments declined to \$3.3 million, from a peak of \$108.0 million. As of December 31, 2021, total consumer deferments were \$6.1 million, or 0.1% of total loans and leases, excluding PPP loans. Excluding loans receivable, PPP from total loans and leases receivable is a non-GAAP measure. Management believes the use of these non-GAAP measures provides additional clarity when assessing Customers' financial results. These disclosures should not be viewed as substitutes for results determined to be in accordance with U.S. GAAP, nor are they necessarily comparable to non-GAAP performance measures that may be presented by other entities. Please refer to the following reconciliation schedule.

(dollars in thousands)	N	March 31, 2022	December 31, 2021
Loans held for sale (GAAP)	\$	3,003	\$ 16,254
Loans receivable, mortgage warehouse, at fair value (GAAP)		1,755,758	2,284,325
Loans and leases receivable (GAAP)		12,314,757	 12,268,306
Total loans and leases receivable (GAAP)		14,073,518	14,568,885
Less: Loans receivable, PPP		2,195,902	 3,250,008
Total loans and leases, excluding PPP (Non-GAAP)	\$	11,877,616	\$ 11,318,877
Commercial deferments (GAAP)	\$	_	\$
Consumer deferments (GAAP)		3,262	 6,060
Total deferments (GAAP)	\$	3,262	\$ 6,060
Commercial deferments to total loans and leases, excluding PPP (Non-GAAP)		— %	<u> </u>
Consumer deferments to total loans and leases, excluding PPP (Non-GAAP)		0.0 %	0.1 %
Total deferments to total loans and leases, excluding PPP (Non-GAAP)		0.0 %	0.1 %

The Federal Reserve Board had taken a range of actions to support the flow of credit to households and businesses at the outbreak of COVID-19. The Federal Reserve Board established a range of facilities and programs to support the U.S. economy and U.S. marketplace participants in response to economic disruptions associated with COVID-19, including among others, the PPPLF, which was created to bolster the effectiveness of the PPP by taking loans as collateral at face value. Customers participated in some of these facilities and programs, primarily the PPPLF. Customers fully repaid the borrowing from the PPPLF during the three months ended September 30, 2021. No new advances are available from the PPPLF after July 30, 2021. The U.S. economy has since strengthened despite the spread of COVID-19 variants, with higher inflation and housing values. In response, the Federal Reserve Board has begun normalizing monetary policy with its decision in late 2021 to taper its quantitative easing and raising the federal funds rate in March 2022.

Significant uncertainties as to future economic conditions continue to exist, including inflation, global supply chain issues, and higher oil and commodity prices exacerbated by the military conflict between Russia and Ukraine. Customers has taken deliberate actions in response, including maintaining higher levels of on-balance sheet liquidity, reserves for credit losses on loans and leases and off-balance sheet credit exposures and strong capital ratios. Customers has also shifted the mix of its loan portfolio towards commercial loans with floating or adjustable interest rates and increased its non-interest bearing and interest-bearing demand deposits to position the Bank for future interest rate hikes. Customers continues to monitor closely the impact of COVID-19 and its variants, the military conflict between Russia and Ukraine and macroeconomic uncertainties, as well as any effects that may result from the federal government's responses including future rate hikes; however, the extent to which the ongoing COVID-19 pandemic, the geopolitical conflict and macroeconomic factors will impact Customers' operations and financial results during the remainder of 2022 is highly uncertain.

New Accounting Pronouncements

For information about the impact that recently adopted or issued accounting guidance will have on us, please refer to "NOTE 2 – SIGNIFICANT ACCOUNTING POLICIES AND BASIS OF PRESENTATION" to Customers' unaudited consolidated financial statements.

Critical Accounting Policies and Estimates

Customers has adopted various accounting policies that govern the application of U.S. GAAP and that are consistent with general practices within the banking industry in the preparation of its consolidated financial statements. Customers' significant accounting policies are described in "NOTE 2 – SIGNIFICANT ACCOUNTING POLICIES AND BASIS OF PRESENTATION" in Customers' audited consolidated financial statements included in its 2021 Form 10-K and updated in this Form 10-Q for the quarterly period ended March 31, 2022 in "NOTE 2 – SIGNIFICANT ACCOUNTING POLICIES AND BASIS OF PRESENTATION" in Customers' unaudited consolidated financial statements.

Certain accounting policies may involve significant judgments and assumptions by Customers that have a material impact on the carrying value of certain assets. Customers considers these accounting policies to be critical accounting policies. The judgments and assumptions used are based on historical experience and other factors, which are believed to be reasonable under the circumstances. Because of the nature of the judgments and assumptions management makes, actual results could differ from these judgments and estimates, which could have a material impact on the carrying values of Customers' assets.

The critical accounting policy that is both important to the portrayal of Customers' financial condition and results of operations and requires complex, subjective judgments is the ACL. This critical accounting policy and material estimate, along with the related disclosures, are reviewed by Customers' Audit Committee of the Board of Directors.

Allowance for Credit Losses

Customers' ACL at March 31, 2022 represents Customers' current estimate of the lifetime credit losses expected from its loan and lease portfolio and its unfunded lending-related commitments that are not unconditionally cancellable. Management estimates the ACL by projecting a lifetime loss rate conditional on a forecast of economic parameters and other qualitative adjustments, for the loans and leases' expected remaining term.

Customers uses external sources in the creation of its forecasts, including current economic conditions and forecasts for macroeconomic variables over its reasonable and supportable forecast period (e.g., GDP growth rate, unemployment rate, BBB spread, commercial real estate and home price index). After the reasonable and supportable forecast period, which ranges from two to five years, the models revert the forecasted macroeconomic variables to their historical long-term trends, without specific predictions for the economy, over the expected life of the pool, while also incorporating prepayment assumptions into its lifetime loss rates. Internal factors that impact the quarterly allowance estimate include the level of outstanding balances, portfolio performance and assigned risk ratings. Significant loan/borrower attributes utilized in the models include property type, initial loan to value, assigned risk ratings, delinquency status, origination date, maturity date, initial FICO scores, and borrower industry and state.

The ACL may be affected materially by a variety of qualitative factors that Customers considers to reflect its current judgement of various events and risks that are not measured in our statistical procedures, including uncertainty related to the economic forecasts used in the modelled credit loss estimates, nature and volume of loan and lease portfolio, credit underwriting policy exceptions, peer comparison, industry data, and model and data limitations. The qualitative allowance for economic forecast risk is further informed by multiple alternative scenarios, as deemed applicable, to arrive at a scenario or a composite of scenarios supporting the period-end ACL balance. The evaluation process is inherently imprecise and subjective as it requires significant management judgment based on underlying factors that are susceptible to changes, sometimes materially and rapidly. Customers recognizes that this approach may not be suitable in certain economic environments such that additional analysis may be performed at management's discretion. Due in part to its subjectivity, the qualitative evaluation may be materially impacted during periods of economic uncertainty and late breaking events that could lead to revision of reserves to reflect management's best estimate of expected credit losses.

The ACL is established in accordance with our ACL policy. The ACL Committee, which includes the Bank's Chief Executive Officer, Chief Financial Officer, Chief Accounting Officer, Chief Lending Officer, and Chief Credit Officer, among others, reviews the adequacy of the ACL each quarter, together with Customers' risk management team. The ACL policy, significant judgements and the related disclosures are reviewed by Customers' Audit Committee of the Board of Directors.

The net increase in our estimated ACL as of March 31, 2022 as compared to our December 31, 2021 estimate was primarily attributable to the loan growth in the loan portfolio for consumer installment, residential, multi-family and commercial and industrial loans. There was a \$15.3 million provision for credit losses on loans and leases for the three months ended March 31, 2022, resulting in an ACL ending balance of \$147.8 million (\$145.8 million for loans and leases and \$2.0 million for unfunded lending-related commitments) as of March 31, 2022.

To determine the ACL as of March 31, 2022, Customers utilized Moody's March 2022 Baseline forecast to generate its modelled expected losses by loan portfolio in order to reflect management's reasonable expectations of current and future economic conditions. The Baseline forecast at March 2022 assumed decelerating growth in macroeconomic forecasts compared to the fourth quarter 2021 forecasts of macroeconomic conditions used by Customers; the impact of the Russian invasion of Ukraine on the U.S. economy would be marginal and the disruptions to oil, natural gas and other commodity markets will be limited and temporary; the COVID-19 pandemic slowly receding and becoming less disruptive to global supply chains, tourism and business travel, immigration and labor markets; the Federal Reserve Board raising the target range for the fed funds rate four times by 25 basis points each time in 2022; and the U.S. economy achieving full-employment with a 3.5% unemployment rate in late 2022 or early 2023. Customers continues to monitor the impact of the military conflict between Russia and Ukraine, the ongoing COVID-19 pandemic, inflation, and related policy measures on the U.S. economy and, if pace of the expected recovery is worse than expected, further meaningful provisions for credit losses could be required.

As of December 31, 2021, the ACL ending balance was \$139.9 million (\$137.8 million for loans and leases and \$2.1 million for unfunded lending-related commitments). To determine the ACL as of December 31, 2021, Customers utilized the Moody's December 2021 Baseline forecast to generate its modelled expected losses by loan portfolio in order to reflect management's reasonable expectations of current and future economic conditions. The Baseline forecast at December 31, 2021 assumed continued improvement in forecasts of macroeconomic conditions compared to the forecasts of macroeconomic conditions used by Customers in 2020; the Federal Reserve Board has accelerated its tapering process in the fourth quarter of 2021 and the first rate hike is assumed to occur in 2022; a

continuing U.S. economic recovery from federal spending and abatement of the COVID-19 pandemic, notwithstanding the impact of the Omicron variant; and the acceleration in consumer prices is expected to peak and moderate in the near-term as the supply chain issues subside.

One of the most significant judgments influencing the ACL is the macroeconomic forecasts from Moody's. Changes in the economic forecasts could significantly affect the estimated credit losses which could potentially lead to materially different allowance levels from one reporting period to the next. Given the dynamic relationship between macroeconomic variables within Customers' modelling framework, it is difficult to estimate the impact of a change in any one individual variable on the ACL. However, to illustrate a hypothetical sensitivity analysis, management calculated a quantitative allowance using a 100% weighting applied to an adverse scenario. This scenario includes assumptions around the military conflict between Russia and Ukraine worsening significantly and persisting longer, causing oil prices to rise more sharply than the Baseline projections, new infections, hospitalizations and COVID-19 deaths rising significantly again as compared to the Baseline projections, slowing growth in consumer spending on air travel, retail and hotels, worsening supply chain issues boosting inflation, rising unemployment and the U.S. economy falling into recession. Under this scenario, as an example, the unemployment rate is estimated at 5.8% and 7.6% at the end of 2022 and 2023, respectively. These numbers represent a 2.2% and 4.2% higher unemployment estimate than Baseline scenario projections of 3.6% and 3.4%, respectively for the same time periods. To demonstrate the sensitivity to key economic parameters, management calculated the difference between a 100% Baseline weighting and a 100% adverse scenario weighting for modelled results. This would result in an incremental quantitative impact to the ACL of approximately \$37.2 million at March 31, 2022. This resulting difference is not intended to represent an expected increase in ACL levels since (i) Customers may use a weighted approach applied to multiple economic scenarios for its ACL process, (ii) the highly uncertain economic environment, (iii) the difficulty in pr

There is no certainty that Customers' ACL will be appropriate over time to cover losses in our portfolio as economic and market conditions may ultimately differ from our reasonable and supportable forecast. Additionally, events adversely affecting specific customers, industries, or Customers' markets, such as the ongoing COVID-19 pandemic, could severely impact our current expectations. If the credit quality of Customers' customer base materially deteriorates or the risk profile of a market, industry, or group of customers changes materially, Customers' net income and capital could be materially adversely affected which, in turn could have a material adverse effect on Customers' financial condition and results of operations. The extent to which the ongoing COVID-19 pandemic has and will continue to negatively impact Customers' businesses, financial condition, liquidity and results will depend on future developments, which are highly uncertain and cannot be forecasted with precision at this time.

For more information, see "NOTE 8 – LOANS AND LEASES RECEIVABLE AND ALLOWANCE FOR CREDIT LOSSES ON LOANS AND LEASES" to Customers' unaudited consolidated financial statements.

Results of Operations

The following table sets forth the condensed statements of income for the three months ended March 31, 2022 and 2021:

	31,						
(dollars in thousands)		2022		2021		Change	% Change
Net interest income	\$	164,699	\$	132,731	\$	31,968	24.1 %
Provision (benefit) for credit losses		15,997		(2,919)		18,916	(648.0)%
Total non-interest income		21,198		18,468		2,730	14.8 %
Total non-interest expense		73,807		61,927		11,880	19.2 %
Income before income tax expense		96,093		92,191		3,902	4.2 %
Income tax expense		19,332		17,560		1,772	10.1 %
Net income from continuing operations		76,761		74,631		2,130	2.9 %
Loss from discontinued operations before income taxes				(20,354)		20,354	(100.0)%
Income tax expense from discontinued operations		_		17,682		(17,682)	(100.0)%
Net loss from discontinued operations				(38,036)		38,036	(100.0)%
Net income		76,761		36,595		40,166	109.8 %
Preferred stock dividends		1,865		3,391		(1,526)	(45.0)%
Net income available to common shareholders	\$	74,896	\$	33,204	\$	41,692	125.6 %

Three Months Ended March

Customers reported net income available to common shareholders of \$74.9 million for the three months ended March 31, 2022 compared to net income available to common shareholders of \$33.2 million for the three months ended March 31, 2021. Factors contributing to the change in net income available to common shareholders for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 were as follows.

Net interest income

Net interest income increased \$32.0 million for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 as average interest-earning assets increased by \$628.4 million, and NIM increased by 60 basis points to 3.60% for the three months ended March 31, 2021. The increase in interest-earning assets was driven by increases in investment securities, commercial and industrial loans and leases and installment loans, offset in part by decreases in PPP loans due to PPP loan forgiveness and commercial loans to mortgage companies. The shift in the mix of interest-earning assets and PPP loan forgiveness, which accelerated the recognition of net deferred loan origination fees, drove a 36 basis points increase in the yield on interest-earning assets and contributed to the NIM increase. The NIM also increased from equity investment distributions, which are included in other interest income. The shift in the mix of interest-bearing liabilities in a lower interest rate environment drove a 20 basis points decline in the cost of interest-bearing liabilities for the three months ended March 31, 2022 compared to the three months ended March 31, 2021. The largest shift in the mix of interest-bearing assets and interest-bearing liabilities was \$2.2 billion (\$2.6 billion average balance) of PPP loans yielding 5.66% and \$5.6 billion (\$5.8 billion average balance) of interest-bearing demand deposits costing 0.54%. Non-interest bearing demand deposits was \$4.6 billion (\$4.9 billion average balance). PPPLF borrowings costing 0.35% were fully repaid during the three months ended September 30, 2021. Customers' total cost of funds, including non-interest bearing deposits was 0.43% and 0.67% for the three months ended March 31, 2022 and 2021, respectively.

Provision (benefit) for credit losses

The \$18.9 million increase in the provision for credit losses for the three months ended March 31, 2022 compared to the three months ended March 31, 2021, primarily reflects the loan growth in the loan portfolio for consumer installment, residential, multi-family and commercial and industrial loans. The ACL on off-balance sheet credit exposures is presented within accrued interest payable and other liabilities in the consolidated balance sheet and the related provision is presented as part of other non-interest expense on the consolidated statement of income. The ACL on loans and leases held for investment represented 1.44% of total loans and leases receivable, excluding PPP loans (non-GAAP measure, please refer to the non-GAAP reconciliation within Loans and Leases - Credit Risk), at March 31, 2022, compared to 1.71% at March 31, 2021. Net charge-offs for the three months ended March 31, 2022 were \$7.2 million, or 21 basis points of average loans and leases on an annualized basis, compared to net charge-offs of \$12.5 million, or 33 basis points on an annualized basis, for the three months ended March 31, 2021. The decrease in net charge-offs for the three months ended March 31, 2022, compared to the three months ended March 31, 2021, was primarily due to lower charge-offs for consumer installment loans.

The provision for credit losses for the three months ended March 31, 2022 also includes a provision for credit losses of \$0.7 million on certain asset-backed securities included in our investment securities. See "NOTE 6 – INVESTMENT SECURITIES" to Customers' unaudited consolidated financial statements for additional information.

Non-interest income

The \$2.7 million increase in non-interest income for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 primarily resulted from a decrease of \$24.5 million in loss on cash flow hedge derivative terminations, and increases of \$6.6 million in bank-owned life insurance income, \$1.1 million in loan fees and \$0.7 million in commercial lease income. These increases were offset in part by decreases of \$24.6 million in gain (loss) on sale of investment securities, \$2.2 million in mortgage warehouse transactional fees, \$1.6 million in unrealized gain (loss) on derivatives, \$1.3 million in unrealized gain (loss) on investment securities, \$0.5 million in other non-interest income and \$0.1 million in gain (loss) on sale of SBA and other loans.

Non-interest expense

The \$11.9 million increase in non-interest expense for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 primarily resulted from increases of \$4.1 million in technology, communication and bank operations, \$2.6 million in salaries and employee benefits, \$1.9 million in loan servicing, \$1.8 million in other non-interest expense, \$1.1 million in professional services and \$0.7 million in commercial lease depreciation. These increases were offset in part by a decrease of \$0.4 million in merger and acquisition related expenses for the three months ended March 31, 2022 compared to the three months ended March 31, 2021.

Income tax expense

Customers' effective tax rate from continuing operations was 20.1% for the three months ended March 31, 2022 compared to 19.0% for the three months ended March 31, 2021. The increase in the effective tax rate primarily resulted from reduced investment tax credits for 2022 and a benefit for the recording of net discrete tax benefits associated with the divestiture of BMT and the recognition of a deferred tax asset related to the outside basis difference of foreign subsidiaries included in 2021, offset in part by excess tax benefits on vesting of restricted stock units and death benefits from bank-owned life insurance policies for 2022.

Net loss from discontinued operations

On January 4, 2021, Customers Bancorp completed the divestiture of BMT, the technology arm of its BankMobile segment, to MFAC Merger Sub Inc., an indirect wholly-owned subsidiary of MFAC. Following the completion of the divestiture of BMT, BankMobile's serviced deposits and loans and the related net interest income have been combined with Customers' financial condition and the results of operations as a single reportable segment.

BMT's operating results and associated cash flows have been presented as "Discontinued operations" within the accompanying unaudited consolidated financial statements and prior period amounts have been reclassified to conform with the current period presentation.

Customers had no loss from discontinued operations, net of income taxes for the three months ended March 31, 2022 compared to \$38.0 million for the three months ended March 31, 2021 as the divestiture of BMT was completed on January 4, 2021. The \$38.0 million decrease was primarily related to restricted stock awards of BM Technologies' common stock granted to certain team members of BMT and the effect of the divestiture being treated as a taxable asset sale for tax purposes, offset in part by a tax benefit related to the restricted stock awards during the three months ended March 31, 2021. See "NOTE 3 – DISCONTINUED OPERATIONS" to Customers' unaudited consolidated financial statements for additional information.

Preferred stock dividends

Preferred stock dividends were \$1.9 million and \$3.4 million for the three months ended March 31, 2022 and 2021, respectively. On September 15, 2021, Customers redeemed all of the outstanding shares of Series C and Series D Preferred Stock for an aggregate payment of \$82.5 million, at a redemption price of \$25.00 per share. The redemption price paid in excess of the carrying value of Series C and Series D Preferred Stock of \$2.8 million was included as a loss on redemption of preferred stock in the consolidated statement of income for the three months ended September 30, 2021. After giving effect to the redemption, no shares of the Series C and Series D Preferred Stock remained outstanding. There were no changes to the amount of preferred stock outstanding during the three months ended March 31, 2022 and 2021.

On March 15, 2021, the Series D Preferred Stock became floating at three-month LIBOR plus 5.09%, compared to a fixed rate of 6.50%. On June 15, 2021, the Series E Preferred Stock became floating at three-month LIBOR plus 5.14%, compared to a fixed rate of 6.45%. On December 15, 2021, the Series F Preferred Stock became floating at three-month LIBOR plus 4.762%, compared to a fixed rate of 6.00%.

NET INTEREST INCOME

Net interest income (the difference between the interest earned on loans and leases, investments and interest-earning deposits with banks, and interest paid on deposits, borrowed funds and subordinated debt) is the primary source of Customers' earnings. The following table summarizes Customers' net interest income, related interest spread, net interest margin and the dollar amount of changes in interest income and interest expense for the major categories of interest-earning assets and interest-bearing liabilities for the three months ended March 31, 2022 and 2021. Information is provided for each category of interest-earning assets and interest-bearing liabilities with respect to (i) changes attributable to volume (i.e., changes in average balances multiplied by the prior-period average rate) and (ii) changes attributable to rate (i.e., changes in average rate multiplied by prior-period average balances). For purposes of this table, changes attributable to both rate and volume which cannot be segregated have been allocated proportionately to the change due to volume and the change due to rate.

				Three Months Ended March 31,						Three Months Ended March 31,								
			2022					2021				2022 v	s. 2021					
(dollars in thousands)	Average Balance	I	Interest ncome or Expense	Average Yield or Cost (%)		Average Balance	I	Interest ncome or Expense	Average Yield or Cost (%)	Du	e to rate	Due volu			Total			
Assets																		
Interest-earning deposits	\$ 826,240	\$	329	0.16 %	\$	1,177,315	\$	302	0.10 %	\$		\$. ,	\$	27			
Investment securities (1)	4,036,966		20,295	2.01 %		1,357,558		7,979	2.35 %		(1,279)	1	3,595		12,316			
Loans and leases:																		
Commercial loans to mortgage companies	1,836,647		14,006	3.09 %		3,122,098		23,791	3.09 %		_		9,785)		(9,785)			
Multi-family loans	1,531,846		13,766	3.64 %		1,689,174		15,848	3.80 %		(648)	,	1,434)		(2,082)			
Commercial and industrial loans and leases (2)	4,124,408		36,659	3.60 %		2,848,328		27,850	3.97 %		(2,786)		1,595		8,809			
PPP loans	2,641,318		36,894	5.66 %		4,623,213		38,832	3.41 %		19,028	(2)	0,966)		(1,938)			
Non-owner occupied commercial real estate loans	1,312,210		12,207	3.77 %		1,348,938		12,794	3.85 %		(254)		(333)		(587)			
Residential mortgages	416,417		3,680	3.58 %		373,497		3,485	3.78 %		(191)		386		195			
Installment loans	 1,794,145		39,963	9.03 %	_	1,323,863		29,517	9.04 %		(33)		0,479		10,446			
Total loans and leases (3)	13,656,991		157,175	4.67 %		15,329,111		152,117	4.02 %		22,816	(1)	7,758)		5,058			
Other interest-earning assets	 52,111		5,677	NM ⁽⁷⁾		79,960		717	3.64 %		5,294		(334)		4,960			
Total interest-earning assets	18,572,308		183,476	4.00 %		17,943,944		161,115	3.64 %		16,514		5,847		22,361			
Non-interest-earning assets	557,022				_	581,777	ı											
Total assets	\$ 19,129,330				\$	18,525,721	0											
Liabilities																		
Interest checking accounts	\$ 5,769,372		7,730	0.54 %	\$	2,691,723		5,599	0.84 %		(2,527)		4,658		2,131			
Money market deposit accounts	4,880,051		4,674	0.39 %		4,435,930		6,059	0.55 %		(1,926)		541		(1,385)			
Other savings accounts	880,113		784	0.36 %		1,414,350		2,400	0.69 %		(903)		(713)		(1,616)			
Certificates of deposit	450,644		524	0.47 %		666,239		1,600	0.97 %		(661)		(415)		(1,076)			
Total interest-bearing deposits (4)	11,980,180		13,712	0.46 %		9,208,242		15,658	0.69 %		(5,979)		4,033		(1,946)			
Federal funds purchased	88,611		73	0.33 %		16,333		3	0.07 %		32		38		70			
FRB PPP liquidity facility	_		_	— %		3,941,718		3,402	0.35 %		_	(3,402)		(3,402)			
Borrowings	532,610		4,992	3.80 %		1,155,493		9,321	3.27 %		1,321	(5,650)		(4,329)			
Total interest-bearing liabilities	12,601,401		18,777	0.60 %		14,321,786		28,384	0.80 %		(6,489)	(3,118)		(9,607)			
Non-interest-bearing deposits (4)	4,900,983					2,819,871												
Total deposits and borrowings	17,502,384			0.43 %		17,141,657			0.67 %									
Other non-interest-bearing liabilities	 237,131					247,798												
Total liabilities	17,739,515					17,389,455												
Shareholders' equity	1,389,815					1,136,266												
Total liabilities and shareholders' equity	\$ 19,129,330				\$	18,525,721												
Net interest income			164,699					132,731		\$	23,003	\$	8,965	\$	31,968			
Tax-equivalent adjustment (5)			239					292		_	_							
Net interest earnings		\$	164,938				\$	133,023										
Interest spread		Ė		3.57 %			Ė		2.97 %									
Net interest margin				3.59 %					3.00 %									
Net interest margin tax equivalent (5)				3.60 %					3.00 %									
Net interest margin tax equivalent, excluding PPP loans ⁽⁶⁾				3.32 %					2.99 %									

⁽¹⁾ For presentation in this table, average balances and the corresponding average yields for investment securities are based upon historical cost, adjusted for amortization of premiums and accretion of discounts.

⁽²⁾ Includes owner occupied commercial real estate loans.

⁽³⁾ Includes non-accrual loans, the effect of which is to reduce the yield earned on loans and leases, and deferred loan fees.

⁽⁴⁾ Total costs of deposits (including interest bearing and non-interest-bearing) were 0.33% and 0.53% for the three months ended March 31, 2022 and 2021, respectively.

Non-GAAP tax-equivalent basis, using an estimated marginal tax rate of 26% for the three months ended March 31, 2022 and 2021, presented to approximate interest income as a taxable asset. Management uses non-GAAP measures to present historical periods comparable to the current period presentation. In addition, management believes the use of these non-GAAP measures provides additional clarity when assessing Customers' financial results. These disclosures should not be viewed as substitutes for results determined to be in accordance with U.S. GAAP, nor are they necessarily comparable to non-GAAP performance measures that may be presented by other entities.

- (6) Non-GAAP tax-equivalent basis, as described in note (5) for the three months ended March 31, 2022 and 2021, excluding net interest income from PPP loans and related borrowings, along with the related PPP loan balances and PPP fees receivable from interest-earning assets. Management uses non-GAAP measures to present historical periods comparable to the current period presentation. In addition, management believes the use of these non-GAAP measures provides additional clarity when assessing Customers' financial results. These disclosures should not be viewed as substitutes for results determined to be in accordance with U.S. GAAP, nor are they necessarily comparable to non-GAAP performance measures that may be presented by other entities
- (7) Not Meaningful. Average yield on other interest-earning assets for the three months ended March 31, 2022 was 44.18% primarily due to \$5.2 million of equity investment distributions.

Net interest income increased \$32.0 million for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 as average interest-earning assets increased by \$628.4 million, primarily related to increases in investment securities, commercial and industrial loans and installment loans, partially offset by decreases in PPP loans due to PPP loan forgiveness and commercial loans to mortgage companies. The commercial loans to mortgage companies trend has been a function of greater refinance activity due to sharply lower interest rates, an increase in home purchase volumes and market share gains from other banks since early 2020. The refinancing activity has slowed since reaching its high level in early 2021 with rising interest rates.

The NIM increased by 60 basis points to 3.60% for the three months ended March 31, 2022 from 3.00% for the three months ended March 31, 2021 resulting primarily from the PPP loan forgiveness, as well as a shift in the mix of interest-earning assets and interest-bearing liabilities in a lower interest rate environment. The shift in the mix of interest-earning assets and PPP loan forgiveness, which accelerated the recognition of net deferred loan origination fees, drove a 36 basis points increase in the yield on interest-earning assets and contributed to the NIM increase. The NIM also increased from equity investment distributions, which are included in other interest income. The shift in the mix of interest-bearing liabilities in a lower interest rate environment drove a 20 basis points decline in the cost of interest-bearing liabilities for the three months ended March 31, 2022 compared to the three months ended March 31, 2021. The largest shift in the mix of interest-bearing assets and interest-bearing liabilities was \$2.2 billion (\$2.6 billion average balance) of PPP loans yielding 5.66% and \$5.6 billion average balance) of interest-bearing demand deposits costing 0.54%. Non-interest bearing demand deposits was \$4.6 billion (\$4.9 billion average balance). PPPLF borrowings costing 0.35% were fully repaid during the three months ended September 30, 2021. Customers' total cost of funds. including non-interest bearing deposits was 0.43% and 0.67% for the three months ended March 31, 2022 and 2021, respectively.

Customers' net interest margin tables contain non-GAAP financial measures calculated using non-GAAP amounts. These measures include net interest margin tax equivalent and net interest margin tax equivalent, excluding PPP loans. Management uses these non-GAAP measures to compare the current period presentation to historical periods in prior filings. In addition, management believes the use of these non-GAAP measures provides additional clarity when assessing Customers' financial results. These disclosures should not be viewed as substitutes for results determined to be in accordance with U.S. GAAP, nor are they necessarily comparable to non-GAAP performance measures that may be presented by other entities.

A reconciliation of net interest margin tax equivalent and net interest margin tax equivalent, excluding PPP loans for the three months ended March 31, 2022 and 2021 is set forth below.

		Three Months	March 31,	
(dollars in thousands)		2022		2021
Net interest income (GAAP)	\$	164,699	\$	132,731
Tax-equivalent adjustment		239		292
Net interest income tax equivalent (Non-GAAP)		164,938		133,023
Loans receivable, PPP net interest income		(34,615)		(34,842)
Net interest income tax equivalent, excluding PPP loans (Non-GAAP)	\$	130,323	\$	98,181
Average total interest-earning assets (GAAP)	\$	18,572,308	\$	17,943,944
Average PPP loans		(2,641,318)		(4,623,213)
Adjusted average total interest-earning assets (Non-GAAP)	\$	15,930,990	\$	13,320,731
	<u></u>			
Net interest margin (GAAP)		3.59 %		3.00 %
Net interest margin tax equivalent (Non-GAAP)		3.60 %		3.00 %
Net interest margin tax equivalent, excluding PPP loans (Non-GAAP)		3.32 %		2.99 %

PROVISION (BENEFIT) FOR CREDIT LOSSES

The provision (benefit) for credit losses is a charge (credit) to earnings to maintain the ACL at a level consistent with management's assessment of expected lifetime losses in the loan and lease portfolio at the balance sheet date. Customers recorded a provision for credit losses on loans and leases during the three months ended March 31, 2022, which resulted primarily from an increase in provision for the growth in loan portfolio for consumer installment, residential, multi-family and commercial and industrial loans. Customers recorded a provision for credit losses on loans and leases of \$15.3 million and a credit to provision for credit losses (a benefit) on lending-related commitments of \$0.1 million for the three months ended March 31, 2022. Customers recorded a credit to provision for credit losses (a benefit) of \$2.9 million and \$1.3 million for loans and leases and lending-related commitments, respectively, for the three months ended March 31, 2021. Net charge-offs for the three months ended March 31, 2022 were \$7.2 million, or 21 basis points of average loans and leases on an annualized basis, compared to net charge-offs for the three months ended March 31, 2022, compared to the three months ended March 31, 2021. The decrease in net charge-offs for the three months ended March 31, 2022, compared to the three months ended March 31, 2021, was primarily due to lower charge-offs for consumer installment loans. For more information about the provision and ACL and our loss experience on loans and leases, see "Credit Risk" and "Asset Quality" herein.

The provision for credit losses for the three months ended March 31, 2022 also included a provision for credit losses of \$0.7 million on certain asset-backed securities included in our investment securities. See "NOTE 6 – INVESTMENT SECURITIES" to Customers' unaudited consolidated financial statements for additional information.

NON-INTEREST INCOME

The table below presents the components of non-interest income for the three months ended March 31, 2022 and 2021.

		nths Ended ch 31,		
(dollars in thousands)	2022	2021	Change	% Change
Interchange and card revenue	\$ 76	\$ 85	\$ (9)	(10.6)%
Deposit fees	940	863	77	8.9 %
Commercial lease income	5,895	5,205	690	13.3 %
Bank-owned life insurance	8,326	1,679	6,647	395.9 %
Mortgage warehouse transactional fees	2,015	4,247	(2,232)	(52.6)%
Gain (loss) on sale of SBA and other loans	1,507	1,575	(68)	(4.3)%
Loan fees	2,545	1,436	1,109	77.2 %
Mortgage banking income	481	463	18	3.9 %
Gain (loss) on sale of investment securities	(1,063)	23,566	(24,629)	(104.5)%
Unrealized gain (loss) on investment securities	(276)	974	(1,250)	(128.3)%
Unrealized gain (loss) on derivatives	964	2,537	(1,573)	(62.0)%
Loss on cash flow hedge derivative terminations	_	(24,467)	24,467	(100.0)%
Other	(212)	305	(517)	(169.5)%
Total non-interest income	\$ 21,198	\$ 18,468	\$ 2,730	14.8 %

Commercial lease income

Commercial lease income represents income earned on commercial operating leases originated by Customers' Equipment Finance Group in which Customers is the lessor. The \$0.7 million increase in commercial lease income for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 primarily resulted from the continued growth of Customers' equipment finance business.

Bank-owned life insurance

Bank-owned life insurance income represents income earned on life insurance policies owned by Customers including an increase in cash surrender value of the policies and any benefits paid by insurance carriers under the policies. The \$6.6 million increase in bank-owned life insurance income for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 resulted from the increase in cash surrender value of the policies and death benefits paid by insurance carriers under the policies.

Mortgage warehouse transactional fees

The \$2.2 million decrease in mortgage warehouse transactional fees for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 primarily resulted from a lower refinancing activity due to higher interest rates. There can be no assurance that Customers will earn mortgage warehouse transactional fees in 2022 comparable to 2021, given the lower refinancing activity in a higher interest rate environment.

Gain (loss) on sale of SBA and other loans

The \$0.1 million decrease in gain on sale of SBA and other loans for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 reflects a decrease in sales of SBA loans during the three months ended March 31, 2022 compared to the three months ended March 31, 2021. There can be no assurance that Customers will realize gains on the sale of loans in 2022 comparable to 2021, given the significant uncertainty in the capital markets.

Loan fees

The \$1.1 million increase in loan fees for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 primarily resulted from an increase in fees earned on unused lines of credit and other fees from commercial borrowers.

Gain (loss) on sale of investment securities

The \$24.6 million decrease in gain on sale of investment securities for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 reflects the net losses realized from the sale of \$156.0 million in AFS debt securities during the three months ended March 31, 2022 compared to the net gains realized from the sale of \$353.9 million in AFS debt securities during the three months ended March 31, 2021. There can be no assurance that Customers will realize gains on the sale of investment securities in 2022 comparable to 2021, given the significant uncertainty in the capital markets and fluctuations in our funding needs, which may impact Customers' investment strategy.

Unrealized gain (loss) on investment securities

The \$1.3 million decrease in unrealized gain (loss) on investment securities for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 primarily reflects a decrease in the unrealized gain of equity securities issued by a foreign entity that were held by CB Green Ventures Pte Ltd. and CUBI India Ventures Pte Ltd. Customers sold all outstanding shares in CB Green Ventures Pte Ltd. and CUBI India Ventures Pte Ltd. in June 2021.

Unrealized gain (loss) on derivatives

The \$1.6 million decrease in unrealized gain (loss) on derivatives for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 primarily resulted from decreases of \$0.7 million in credit valuation adjustment and credit derivatives due to changes in market interest rates and \$0.8 million in interest rate swap fees.

Loss on cash flow hedge derivative terminations

The \$24.5 million decrease in loss on cash flow hedge derivative terminations for the three months ended March 31, 2022 compared to three months ended March 31, 2021 reflects the early terminations of derivatives designated in cash flow hedging relationships and reclassification of the realized losses from accumulated other comprehensive income to earnings during the three months ended March 31, 2021 because the hedged forecasted transactions were no longer probable of occurring.

Other non-interest income

The \$0.5 million decrease in other non-interest income for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 primarily resulted from a decrease in SERP income due to changes in capital markets.

NON-INTEREST EXPENSE

The table below presents the components of non-interest expense for the three months ended March 31, 2022 and 2021.

	Marc	ch 31	l,			
(dollars in thousands)	 2022		2021	(Change	% Change
Salaries and employee benefits	\$ 26,607	\$	23,971	\$	2,636	11.0 %
Technology, communication and bank operations	24,068		19,988		4,080	20.4 %
Professional services	6,956		5,877		1,079	18.4 %
Occupancy	3,050		2,621		429	16.4 %
Commercial lease depreciation	4,942		4,291		651	15.2 %
FDIC assessments, non-income taxes and regulatory fees	2,383		2,719		(336)	(12.4)%
Loan servicing	2,371		437		1,934	442.6 %
Advertising and promotion	315		561		(246)	(43.9)%
Merger and acquisition related expenses	_		418		(418)	(100.0)%
Loan workout	(38)		(261)		223	(85.4)%
Other	3,153		1,305		1,848	141.6 %
Total non-interest expense	\$ 73,807	\$	61,927	\$	11,880	19.2 %

Three Months Ended

Salaries and employee benefits

The \$2.6 million increase in salaries and employee benefits for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 primarily resulted from an increase in average full-time equivalent team members needed for future growth, annual merit increases and an increase in incentive accruals tied to Customers' overall performance.

Technology, communication, and bank operations

The \$4.1 million increase in technology, communication, and bank operations expense for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 primarily resulted from increases in deposit servicing fees from higher deposits, that were paid to BM Technologies, the successor entity to BMT that was divested on January 4, 2021.

Customers incurred expenses of \$17.8 million and \$13.7 million to BM Technologies under the deposit servicing agreement, included within the technology, communication and bank operations expense in the income from continuing operations during the three months ended March 31, 2022 and 2021, respectively. The deposit service agreement is scheduled to expire on December 31, 2022 and will not be renewed. As of March 31, 2022, Customers held \$2.2 billion of deposits serviced by BM Technologies, which are expected to leave Customers Bank by December 31, 2022. See "NOTE 3 – DISCONTINUED OPERATIONS" to Customers' unaudited consolidated financial statements for additional information.

Professional services

The \$1.1 million increase in professional services for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 was primarily due to outside professional services used to support the PPP forgiveness process.

Commercial lease depreciation

The \$0.7 million increase in commercial lease depreciation for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 primarily resulted from the continued growth of the operating lease arrangements originated by Customers' Equipment Finance Group in which Customers is the lessor.

Loan servicing

The \$1.9 million increase in loan servicing for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 primarily resulted from servicing fees paid to third party servicers associated with the participation in the latest round of PPP, the PPP forgiveness process, and the growth in consumer installment loans.

Merger and acquisition related expenses

The \$0.4 million decrease in merger and acquisition related expenses for the three months ended March 31, 2022 compared to the three months ended March 31, 2022 resulted from direct costs incurred in the merger of BMT and MFAC that was completed on January 4, 2021.

Other non-interest expense

The \$1.8 million increase in other non-interest expense for the three months ended March 31, 2022 compared to the three months ended March 31, 2021 primarily resulted from a decrease in credit or release of the reserve for unfunded commitment. A credit or release of the reserve for unfunded commitments for the three months ended March 31, 2022 was \$0.1 million, compared to a credit or release of the reserve for unfunded commitments of \$1.3 million during the three months ended March 31, 2021.

INCOME TAXES

The table below presents income tax expense from continuing operations and the effective tax rate for the three months ended March 31, 2022 and 2021.

	Th	ree Months	Ende				
(dollars in thousands)		2022		2021	_	Change	% Change
Income before income tax expense	\$	96,093	\$	92,191	\$	3,902	4.2 %
Income tax expense		19,332		17,560		1,772	10.1 %
Effective tax rate		20.12 %		19.05 %)		

The \$1.8 million increase in income tax expense for the three months ended March 31, 2022, when compared to the same period in the prior year, primarily resulted from an increase in projected pre-tax income for 2022. The increase in the effective tax rate for the three months ended March 31, 2022, when compared to the same period in the prior year, primarily resulted from reduced investment tax credits for 2022 and a benefit for the recording of net discrete tax benefits associated with the divestiture of BMT and the recognition of a deferred tax asset related to the outside basis difference of foreign subsidiaries included in 2021, offset in part by excess tax benefits on vesting of restricted stock units and death benefits from bank-owned life insurance policies for 2022.

NET LOSS FROM DISCONTINUED OPERATIONS

On January 4, 2021, Customers Bancorp completed the divestiture of BMT, the technology arm of its BankMobile segment, to MFAC Merger Sub Inc., an indirect wholly-owned subsidiary of MFAC. Following the completion of the divestiture of BMT, BankMobile's serviced deposits and loans and the related net interest income have been combined with Customers' financial condition and the results of operations as a single reportable segment.

BMT's operating results and associated cash flows have been presented as "Discontinued operations" within the accompanying unaudited consolidated financial statements and prior period amounts have been reclassified to conform with the current period presentation.

The table below presents the loss from discontinued operations, net of income taxes for the three months ended March 31, 2022 and 2021.

	Thre	ee Months			
(dollars in thousands)		2022	2021	 Change	% Change
Loss from discontinued operations before income taxes	\$		\$ (20,354)	\$ 20,354	(100.0)%
Income tax expense from discontinued operations			 17,682	 (17,682)	(100.0)%
Net loss from discontinued operations	\$		\$ (38,036)	\$ 38,036	(100.0)%

Customers had no loss from discontinued operations, net of income taxes for the three months ended March 31, 2022 compared to \$38.0 million for the three months ended March 31, 2021 as the divestiture of BMT was completed on January 4, 2021. The \$38.0 million decrease was primarily related to restricted stock awards of BM Technologies' common stock granted to certain team members of BMT and the effect of the divestiture being treated as a taxable asset sale for tax purposes, offset in part by a tax benefit related to the restricted stock awards during the three months ended March 31, 2021.

In connection with the divestiture, Customers entered into various agreements with BM Technologies, including a transition services agreement, software license agreement, deposit servicing agreement, non-competition agreement and loan agreement for periods ranging from one to ten years. Customers incurred expenses of \$17.8 million and \$13.7 million to BM Technologies under the deposit servicing agreement included in technology, communication and bank operations within the income from continuing operations during the three months ended March 31, 2022 and 2021, respectively. The deposit service agreement is scheduled to expire on December 31, 2022 and will not be renewed. As of March 31, 2022, Customers held \$2.2 billion of deposits serviced by BM Technologies, which are expected to leave Customers Bank by December 31, 2022. The loan agreement with BM Technologies was terminated early in November 2021. The transition services agreement with BM Technologies, as amended, expired on March 31, 2022. Refer to "NOTE 3 – DISCONTINUED OPERATIONS" to Customers' unaudited consolidated financial statements for additional information.

PREFERRED STOCK DIVIDENDS

Preferred stock dividends were \$1.9 million and \$3.4 million for the three months ended March 31, 2022 and 2021, respectively. On September 15, 2021, Customers redeemed all of the outstanding shares of Series C and Series D Preferred Stock for an aggregate payment of \$82.5 million, at a redemption price of \$25.00 per share. The redemption price paid in excess of the carrying value of Series C and Series D Preferred Stock of \$2.8 million was included as a loss on redemption of preferred stock in the consolidated statement of income for the three months ended September 30, 2021. After giving effect to the redemption, no shares of the Series C and Series D Preferred Stock remained outstanding. There were no changes to the amount of preferred stock outstanding during the three months ended March 31, 2022 and 2021. Refer to "NOTE 11 – SHAREHOLDERS' EQUITY" to Customers' unaudited consolidated financial statements for additional information.

On March 15, 2021, the Series D Preferred Stock became floating at three-month LIBOR plus 5.09%, compared to a fixed rate of 6.50%. On June 15, 2021, the Series E Preferred Stock became floating at three-month LIBOR plus 5.14%, compared to a fixed rate of 6.45%. On December 15, 2021, the Series F Preferred Stock became floating at three-month LIBOR plus 4.762%, compared to a fixed rate of 6.00%.

Financial Condition

General

Customers' total assets were \$19.2 billion at March 31, 2022. This represented a \$411.3 million decrease from total assets of \$19.6 billion at December 31, 2021. The decrease in total assets was primarily driven by decreases of \$1.1 billion in loans receivable, PPP, \$528.6 million in loans receivable, mortgage warehouse, at fair value and \$243.4 million in cash and cash equivalents, partially offset by increases of \$1.1 billion in loans and leases receivable and \$352.7 million in investment securities

Total liabilities were \$17.8 billion at March 31, 2022. This represented a \$422.5 million decrease from \$18.2 billion at December 31, 2021. The decrease in total liabilities primarily resulted from decreases of \$362.4 million in total deposits and \$700.0 million in FHLB advances, partially offset by increases of \$625.0 million in federal funds purchased and \$14.6 million in accrued interest payable and other liabilities.

The following table presents certain key condensed balance sheet data as of March 31, 2022 and December 31, 2021:

(dollars in thousands)	March 31, December 31, 2022 2021		Change	% Change		
Cash and cash equivalents	\$	274,600	\$ 518,032	\$	(243,432)	(47.0)%
Investment securities, at fair value		4,169,853	3,817,150		352,703	9.2 %
Loans held for sale		3,003	16,254		(13,251)	(81.5)%
Loans receivable, mortgage warehouse, at fair value		1,755,758	2,284,325		(528,567)	(23.1)%
Loans receivable, PPP		2,195,902	3,250,008		(1,054,106)	(32.4)%
Loans and leases receivable		10,118,855	9,018,298		1,100,557	12.2 %
Allowance for credit losses on loans and leases		(145,847)	(137,804)		(8,043)	5.8 %
Bank-owned life insurance		332,239	333,705		(1,466)	(0.4)%
Other assets		298,212	305,611		(7,399)	(2.4)%
Total assets		19,163,708	19,575,028		(411,320)	(2.1)%
Total deposits		16,415,560	16,777,924		(362,364)	(2.2)%
Federal funds purchased		700,000	75,000		625,000	833.3 %
FHLB advances		_	700,000		(700,000)	(100.0)%
Other borrowings		223,230	223,086		144	0.1 %
Subordinated debt		181,742	181,673		69	<u> </u>
Accrued interest payable and other liabilities		265,770	251,128		14,642	5.8 %
Total liabilities		17,786,302	18,208,811		(422,509)	(2.3)%
Total shareholders' equity		1,377,406	1,366,217		11,189	0.8 %
Total liabilities and shareholders' equity	\$	19,163,708	\$ 19,575,028	\$	(411,320)	(2.1)%

Cash and Cash Equivalents

Cash and cash equivalents include cash and due from banks and interest-earning deposits. Cash and due from banks consists mainly of vault cash and cash items in the process of collection. Cash and due from banks were \$55.5 million and \$35.2 million at March 31, 2022 and December 31, 2021, respectively. Cash and due from banks balances vary from day to day, primarily due to variations in customers' deposit activities with the Bank.

Interest-earning deposits consist of cash deposited at other banks, primarily the FRB. Interest-earning deposits were \$219.1 million and \$482.8 million at March 31, 2022 and December 31, 2021, respectively. The balance of interest-earning deposits varies from day to day, depending on several factors, such as fluctuations in customers' deposits with Customers, payment of checks drawn on customers' accounts and strategic investment decisions made to maximize Customers' net interest income, while effectively managing interest-rate risk and liquidity. The decrease in interest-earning deposits from December 31, 2021 primarily resulted from recent deposits that were deployed into higher interest-earning assets.

Investment Securities

The investment securities portfolio is an important source of interest income and liquidity. It consists primarily of mortgage-backed securities and collateralized mortgage obligations guaranteed by agencies of the United States government, asset-backed securities, collateralized loan obligations, commercial mortgage-backed securities, private label collateralized mortgage obligations, state and political subdivision debt securities, corporate notes and certain equity securities. In addition to generating revenue, the investment portfolio is maintained to manage interest-rate risk, provide liquidity, serve as collateral for other borrowings, and diversify the credit risk of interest-earning assets. The portfolio is structured to optimize net interest income given the changes in the economic environment, liquidity position and balance sheet mix.

At March 31, 2022, investment securities totaled \$4.2 billion compared to \$3.8 billion at December 31, 2021. The increase in investment securities primarily resulted from the purchases of asset-backed securities, collateralized loan obligations, agency-guaranteed collateralized mortgage obligations, private label collateralized mortgage obligations and corporate notes totaling \$814.2 million, partially offset by the sale of \$156.0 million of asset-backed securities, agency-guaranteed collateralized mortgage obligations, collateralized loan obligations, corporate notes, and maturities, calls and principal repayments totaling \$224.8 million for the three months ended March 31, 2022.

For financial reporting purposes, AFS debt securities are carried at fair value. Unrealized gains and losses on AFS debt securities, other than credit losses, are included in other comprehensive income (loss) and reported as a separate component of shareholders' equity, net of the related tax effect. Changes in the fair value of equity securities with a readily determinable fair value and securities reported at fair value based on a fair value option election are recorded in non-interest income in the period in which they occur. Customers recorded a provision for credit losses of \$0.7 million on certain asset-backed securities included in our investment securities during the three months ended March 31, 2022. See "NOTE 6 – INVESTMENT SECURITIES" to Customers' unaudited consolidated financial statements for additional information.

LOANS AND LEASES

Existing lending relationships are primarily with small and middle market businesses and individual consumers primarily in Southeastern Pennsylvania (Bucks, Berks, Chester, Philadelphia and Delaware Counties); Harrisburg, Pennsylvania (Dauphin County); Rye Brook, New York (Westchester County); Hamilton, New Jersey (Mercer County); Boston, Massachusetts; Providence, Rhode Island; Portsmouth, New Hampshire (Rockingham County); Manhattan and Melville, New York; Washington, D.C.; Chicago, Illinois; Dallas, Texas; Orlando, Florida and Wilmington, North Carolina. The portfolio of loans to mortgage banking businesses is nationwide. The loan portfolio consists primarily of loans to support mortgage banking companies' funding needs, multi-family/commercial real estate and commercial and industrial loans. Customers continues to focus on small and middle market business loans to grow its commercial lending efforts, particularly its commercial and industrial loan and lease portfolio and its specialty lending business. Customers also focuses its lending efforts on local-market mortgage and home equity lending and the origination and purchase of unsecured consumer loans (installment loans), including personal, student loan refinancing, and home improvement loans through arrangements with fintech companies and other market place lenders nationwide.

Commercial Lending

Customers' commercial lending is divided into six groups: Business Banking, Small and Middle Market Business Banking, Specialty Banking, Multi-Family and Commercial Real Estate Lending, Mortgage Banking Lending, and SBA Lending. This grouping is designed to allow for greater resource deployment, higher standards of risk management, strong asset quality, lower interest-rate risk and higher productivity levels. The commercial lending group focuses primarily on companies with annual revenues ranging from \$1 million to \$100 million, which typically have credit requirements between \$0.5 million and \$10 million. To further build its franchise and support the growth of its commercial lending initiatives, Customers added three new verticals during 2021 within its Specialty Banking business which included fund finance, technology and venture capital banking and financial institutions group. These three new verticals provide financing to the private equity industry and cash management services to the alternative investment industry. Prior to adding these new verticals, its Specialty Banking business included lending to mortgage banking companies, equipment finance, warehouse lending, healthcare lending and real estate specialty finance. Customers also launched a pilot digital small balance 7(a) lending within its existing SBA Lending business in third quarter 2021.

As of March 31, 2022, Customers had \$11.7 billion in commercial loans outstanding, totaling approximately 82.8% of its total loan and lease portfolio, which includes loans held for sale, loans receivable, mortgage warehouse, at fair value and PPP loans, compared to commercial loans outstanding of \$12.4 billion, comprising approximately 85.3% of its total loan and lease portfolio at December 31, 2021. Included in the \$11.7 billion and \$12.4 billion in commercial loans outstanding as of March 31, 2022 and December 31, 2021, respectively, were \$2.2 billion and \$3.3 billion of PPP loans, respectively. The PPP loans are fully guaranteed by the SBA, provided that the SBA's eligibility criteria are met and earn a fixed interest rate of 1.00%.

The small and middle market business banking platform originates loans, including SBA loans, through the branch network sales force and a team of dedicated relationship managers. The support administration of this platform is centralized, including technology, risk management, product management, marketing, performance tracking and overall strategy. Credit and sales training has been established for Customers' sales force, ensuring that it has small business experts in place providing appropriate financial solutions to the small business owners in its communities. The division approach focuses on industries that offer high asset quality and are deposit rich to drive profitability.

Customers' lending to mortgage banking businesses primarily provides financing to mortgage bankers for residential mortgage originations from loan closing until sale in the secondary market. The underlying residential loans are taken as collateral for Customers' commercial loans to the mortgage companies. As of March 31, 2022 and December 31, 2021, commercial loans to mortgage banking businesses totaled \$1.8 billion and \$2.3 billion, respectively, and are reported as loans receivable, mortgage warehouse, at fair value on the consolidated balance sheet.

Customers had been deemphasizing its multi-family loan portfolio, and investing in high credit quality higher-yielding commercial and industrial loans with the multi-family run-off. Customers began to grow the multi-family loan portfolio in late 2021. Customers' multi-family lending group is focused on retaining a portfolio of high-quality multi-family loans within Customers' covered markets. These lending activities primarily target the refinancing of loans with other banks using conservative underwriting standards and provide purchase money for new acquisitions by borrowers. The primary collateral for these loans is a first lien mortgage on the multi-family property, plus an assignment of all leases related to such property. As of March 31, 2022, Customers had multi-family loans of \$1.7 billion outstanding, comprising approximately 12.1% of the total loan and lease portfolio, compared to \$1.5 billion, or approximately 10.2% of the total loan and lease portfolio, at December 31, 2021.

The Equipment Finance Group goes to market through the following origination platforms: vendors, intermediaries, direct and capital markets. CCF is primarily focused on serving the following segments: transportation, construction (includes crane and utility), marine, franchise, general manufacturing (includes machine tool), helicopter/fixed wing, solar, packaging, plastics and food processing. As of March 31, 2022 and December 31, 2021, Customers had \$406.9 million and \$378.7 million, respectively, of equipment finance loans outstanding. As of March 31, 2022 and December 31, 2021, Customers had \$150.7 million and \$146.5 million of equipment finance leases outstanding, respectively. As of March 31, 2022 and December 31, 2021, Customers had \$115.4 million and \$117.4 million, respectively, of operating leases entered into under this program, net of accumulated depreciation of \$43.8 million and \$40.7 million, respectively.

Customers, directly or through fintech partnerships and acquisitions, had \$2.2 billion and \$3.3 billion of PPP loans outstanding as of March 31, 2022 and December 31, 2021, respectively, which are fully guaranteed by the SBA, provided that the SBA's eligibility criteria are met and earn a fixed interest rate of 1.00%. The average loan size of the PPP portfolio from the first two rounds is approximately \$50 thousand and approximately \$20 thousand from the latest round

Consumer Lending

Customers provides unsecured consumer installment loans, residential mortgage, and home equity loans to customers nationwide primarily through relationships with fintech companies. The installment loan portfolio consists largely of originated and purchased personal, student loan refinancing and home improvement loans. Customers has executed digitally over \$1.3 billion in direct personal loan originations. None of the loans are considered sub-prime at the time of origination. Customers considers sub-prime borrowers to be those with FICO scores below 660. Customers has been selective in the consumer loans it has been purchasing. Home equity lending is offered to solidify customer relationships and grow relationship revenues in the long term. This lending is important in Customers' efforts to grow total relationship revenues for its consumer households. As of March 31, 2022, Customers had \$2.4 billion in consumer loans outstanding, or 17.2% of the total loan and lease portfolio, compared to \$2.1 billion, or 14.7% of the total loan and lease portfolio, as of December 31, 2021.

Purchases and sales of loans were as follows for the three months ended March 31, 2022 and 2021:

	T	Three Months Ended Ma						
(amounts in thousands)		2022		2021				
Purchases (1)								
Residential real estate	\$	146,874 \$	}	_				
Installment (2)		59,456		115,849				
Total	\$	206,330 \$,	115,849				
Sales (3)								
Commercial and industrial (4)	\$	8,840 \$,	18,931				
Commercial real estate owner occupied (4)		5,441		2,237				
Commercial real estate non-owner occupied				18,366				
Total	\$	14,281 \$		39,534				

- (1) Amounts reported in the above table are the unpaid principal balance at time of purchase. The purchase price was 98.1% and 101.0% of the loans' unpaid principal balance during the three months ended March 31, 2022 and 2021, respectively.
- (2) Installment loan purchases for the three months ended March 31, 2022 and 2021 consist of third-party originated unsecured consumer loans. None of the loans are considered sub-prime at the time of origination. Customers considers sub-prime borrowers to be those with FICO scores below 660.
- (3) For the three months ended March 31, 2022 and 2021, loan sales resulted in net gains of \$2.1 million and \$1.6 million, respectively, included in gain (loss) on sale of SBA and other loans and mortgage banking income in the consolidated statements of income.
- (4) Primarily sales of SBA loans.

Loans Held for Sale

The composition of loans held for sale as of March 31, 2022 and December 31, 2021 was as follows:

(amounts in thousands)	March 31, 2022			December 31, 2021		
Consumer loans:			·			
Home equity conversion mortgages, at lower of cost or fair value	\$	507	\$	507		
Residential mortgage loans, at fair value		2,496		15,747		
Total consumer loans held for sale		3,003		16,254		
Loans held for sale	\$	3,003	\$	16,254		

Loans held for sale are carried on the consolidated balance sheet at either fair value (due to the election of the fair value option) or at the lower of cost or fair value. An ACL is not recorded on loans that are classified as held for sale.

Total Loans and Leases Receivable

The composition of total loans and leases receivable (excluding loans held for sale) was as follows:

(amounts in thousands)	 March 31, 2022	_	December 31, 2021
Loans and leases receivable, mortgage warehouse, at fair value	\$ 1,755,758	\$	2,284,325
Loans receivable, PPP	2,195,902		3,250,008
Loans and leases receivable:			
Commercial:			
Multi-family	1,705,027		1,486,308
Commercial and industrial (1)	3,995,802		3,424,783
Commercial real estate owner occupied	701,893		654,922
Commercial real estate non-owner occupied	1,140,311		1,121,238
Construction	161,024		198,981
Total commercial loans and leases receivable	 7,704,057		6,886,232
Consumer:			
Residential real estate	466,423		334,730
Manufactured housing	50,669		52,861
Installment	 1,897,706		1,744,475
Total consumer loans receivable	2,414,798		2,132,066
Loans and leases receivable	10,118,855		9,018,298
Allowance for credit losses on loans and leases	 (145,847)		(137,804)
Total loans and leases receivable, net of allowance for credit losses on loans and leases (2)	\$ 13,924,668	\$	14,414,827

- (1) Includes direct finance equipment leases of \$150.7 million and \$146.5 million at March 31, 2022 and December 31, 2021, respectively.
- (2) Includes deferred (fees) costs and unamortized (discounts) premiums, net of \$(22.8) million and \$(52.0) million at March 31, 2022 and December 31, 2021, respectively.

Loans receivable, PPP

Customers had \$2.2 billion and \$3.3 billion of PPP loans outstanding as of March 31, 2022 and December 31, 2021, respectively, which are fully guaranteed by the SBA, provided that the SBA's eligibility criteria are met and earn a fixed interest rate of 1.00%. Customers recognized interest income, including origination fees, of \$36.9 million and \$38.8 million for the three months ended March 31, 2022 and 2021, respectively.

Loans receivable, mortgage warehouse, at fair value

The mortgage warehouse product line primarily provides financing to mortgage companies nationwide from the time of origination of the underlying mortgage loans until the mortgage loans are sold into the secondary market. As a mortgage warehouse lender, Customers provides a form of financing to mortgage bankers by purchasing for resale the underlying residential mortgages on a short-term basis under a master repurchase agreement. These loans are reported as loans receivable, mortgage warehouse, at fair value on the consolidated balance sheets. Because these loans are reported at their fair value, they do not have an ACL and are therefore excluded from ACL-related disclosures. At March 31, 2022, all of Customers' commercial mortgage warehouse loans were current in terms of payment.

Customers is subject to the risks associated with such lending, including, but not limited to, the risks of fraud, bankruptcy and default of the mortgage banker or of the underlying residential borrower, any of which could result in credit losses. Customers' mortgage warehouse lending team members monitor these mortgage originators by obtaining financial and other relevant information to reduce these risks during the lending period. Loans receivable, mortgage warehouse, at fair value totaled \$1.8 billion and \$2.3 billion at March 31, 2022 and December 31, 2021, respectively.

Credit Risk

Customers manages credit risk by maintaining diversification in its loan and lease portfolio, establishing and enforcing prudent underwriting standards and collection efforts, and continuous and periodic loan and lease classification reviews. Management also considers the effect of credit risk on financial performance by reviewing quarterly and maintaining an adequate ACL. Credit losses are charged-off when they are identified, and provisions are added for current expected credit losses, to the ACL at least quarterly. The ACL is estimated at least quarterly.

The provision for credit losses on loans and leases was \$15.3 million and a benefit of \$2.9 million for the three months ended March 31, 2022 and 2021, respectively. The ACL maintained for loans and leases receivable (excluding loans held for sale and loans receivable, mortgage warehouse, at fair value and PPP loans) was \$145.8 million, or 1.44% of loans and leases receivable, excluding PPP loans, at March 31, 2022 and \$137.8 million, or 1.53% of loans and leases receivable, excluding PPP loans, at December 31, 2021. Excluding loans receivable, PPP from total loans and leases receivable is a non-GAAP measure. Management believes the use of these non-GAAP measures provides additional clarity when assessing Customers' financial results. These disclosures should not be viewed as substitutes for results determined to be in accordance with U.S. GAAP, nor are they necessarily comparable to non-GAAP performance measures that may be presented by other entities. Please refer to the reconciliation schedule below.

The increase in the ACL resulted primarily from higher ACL for the loan growth in the loan portfolio for consumer installment, residential, multi-family loans and commercial and industrial loans. Net charge-offs were \$7.2 million for the three months ended March 31, 2022, a decrease of \$5.3 million compared to the same period in 2021. Installment charge-offs were attributable to unsecured consumer installment loans originated or purchased through arrangements with fintech companies and other market place lenders. Please refer to the table of changes in Customers' ACL for annualized net-charge offs to average loans by loan type for the periods indicated.

A reconciliation of the coverage of ACL for loans and leases held for investment to the ACL for loans and leases held for investment, excluding PPP loans as of March 31, 2022 and December 31, 2021 is set forth below.

(dollars in thousands)	1	March 31, 2022	De	ecember 31, 2021
Loans and leases receivable (GAAP)	\$	12,314,757	\$	12,268,306
Less: Loans receivable, PPP		2,195,902		3,250,008
Loans and leases held for investment, excluding PPP (Non-GAAP)	\$	10,118,855	\$	9,018,298
	_			
ACL for loans and leases (GAAP)	\$	145,847	\$	137,804
Coverage of ACL for loans and leases held for investment, excluding PPP (Non-GAAP)		1.44 %		1.53 %

The table below presents changes in Customers' ACL for the periods indicated.

Amounts in thousands Multi-family and industrial owner occupied owner occupied Construction real estate housing Installment	Total
2021 \$ 4,477 \$ 12,702 \$ 3,213 \$ 6,210 \$ 692 \$ 2,383 \$ 4,278 \$ 103,849 Charge-offs (1) — (301) — — — (4) — (8,865) Recoveries (1) 337 360 7 8 113 6 — 1,113 Provision (benefit) for credit losses on loans and leases 2,623 (1,996) 621 (263) 134 2,300 64 11,786 Ending balance, March 31, 2022 \$ 7,437 \$ 10,765 \$ 3,841 \$ 5,955 \$ 939 \$ 4,685 \$ 4,342 \$ 107,883	
Recoveries (1) 337 360 7 8 113 6 — 1,113 Provision (benefit) for credit losses on loans and leases 2,623 (1,996) 621 (263) 134 2,300 64 11,786 Ending balance, March 31, 2022 7,437 \$ 10,765 \$ 3,841 \$ 5,955 \$ 939 \$ 4,685 \$ 4,342 \$ 107,883	\$ 137,804
Provision (benefit) for credit losses on loans and leases 2,623 (1,996) 621 (263) 134 2,300 64 11,786 Ending balance, March 31, 2022 \$ 7,437 \$ 10,765 \$ 3,841 \$ 5,955 \$ 939 \$ 4,685 \$ 4,342 \$ 107,883	(9,170)
losses on loans and leases 2,623 (1,996) 621 (263) 134 2,300 64 11,786 Ending balance, March 31, 2022 \$ 7,437 \$ 10,765 \$ 3,841 \$ 5,955 \$ 939 \$ 4,685 \$ 4,342 \$ 107,883	1,944
	15,269
Three Months Ended March	\$ 145,847
31, 2021	
Ending balance, at December 31, 2020 \$ 12,239 \$ 9,512 \$ 19,452 \$ 5,871 \$ 3,977 \$ 5,190 \$ 75,315	\$ 144,176
Charge-offs $^{(1)}$ $(1,132)$ (635) (142) — (50) — $(12,687)$	(14,646)
Recoveries (1) — 260 8 10 5 10 — 1,832	2,125
Provision (benefit) for credit losses on loans and leases (3,462) (4,361) (3,443) (7,841) (1,773) (728) (390) 19,079	(2,919)
Ending Balance, March 31, 2021 \$ 8,026 \$ 7,503 \$ 5,935 \$ 11,621 \$ 4,103 \$ 3,209 \$ 4,800 \$ 83,539	\$ 128,736
Annualized Net Charge-offs to Average Loans and Leases	
Three Months Ended March 31, 2022 0.09 % 0.01 % 0.00 % 0.00 % 0.24 % 0.00 % — % (1.75)%	(0.32)%
Three Months Ended March 31, $(0.27)\%$ $(0.07)\%$ $(0.09)\%$ 0.00% 0.01% $(0.05)\%$ $-\%$ $(3.33)\%$	(0.67)%

⁽¹⁾ Charge-offs and recoveries on PCD loans that are accounted for in pools are recognized on a net basis when the pool matures.

The ACL is based on a quarterly evaluation of the loan and lease portfolio and is maintained at a level that management considers adequate to absorb expected losses as of the balance sheet date. All commercial loans, with the exception of PPP loans and commercial mortgage warehouse loans, which are reported at fair value, are assigned internal credit-risk ratings, based upon an assessment of the borrower, the structure of the transaction and the available collateral and/or guarantees. All loans and leases are monitored regularly by the responsible officer, and the risk ratings are adjusted when considered appropriate. The risk assessment allows management to identify problem loans and leases timely. Management considers a variety of factors and recognizes the inherent risk of loss that always exists in the lending process. Management uses a disciplined methodology to estimate an appropriate level of ACL. Refer to Critical Accounting Policies and Estimates herein and "NOTE 2 – SIGNIFICANT ACCOUNTING POLICIES AND BASIS OF PRESENTATION" to Customers' unaudited consolidated financial statements, also, refer to "NOTE 2 – SIGNIFICANT ACCOUNTING POLICIES AND BASIS OF PRESENTATION" to Customers' audited consolidated financial statements in its 2021 Form 10-K for further discussion on management's methodology for estimating the ACL.

Approximately 51% of Customers' commercial real estate, commercial and residential construction, consumer residential and commercial and industrial loan types have real estate as collateral (collectively, "the real estate portfolio"), primarily in the form of a first lien position. Current appraisals providing current value estimates of the property are received when Customers' credit group determines that the facts and circumstances have significantly changed since the date of the last appraisal, including that real estate values have deteriorated. The credit committee and loan officers review loans that are 15 or more days delinquent and all non-accrual loans on a periodic basis. In addition, loans where the loan officers have identified a "borrower of interest" are discussed to determine if additional analysis is necessary to apply the risk-rating criteria properly. The risk ratings for the real estate loan portfolio are determined based upon the current information available, including but not limited to discussions with the borrower, updated financial information, economic conditions within the geographic area and other factors that may affect the cash flow of the loan. If a loan is individually evaluated for impairment, the collateral value or discounted cash flow analysis is generally used to determine the estimated fair value of the underlying collateral, net of estimated selling costs, and compared to the outstanding loan balance to determine the amount of reserve necessary, if any. Appraisals used in this evaluation process are typically less than two years aged. For loans where real estate is not the primary source of collateral, updated financial information is obtained, including accounts receivable and inventory aging reports and

relevant supplemental financial data to estimate the fair value of the loan, net of estimated selling costs, and compared to the outstanding loan balance to estimate the required reserve.

These impairment measurements are inherently subjective as they require material estimates, including, among others, estimates of property values in appraisals, the amounts and timing of expected future cash flows on individual loans, and general considerations for historical loss experience, economic conditions, uncertainties in estimating losses and inherent risks in the various credit portfolios, all of which require judgment and may be susceptible to significant change over time and as a result of changing economic conditions or other factors. Pursuant to ASC 326, individually assessed loans, consisting primarily of non-accrual and restructured loans, are considered in the methodology for determining the ACL. Individually assessed loans are generally evaluated based on the expected future cash flows or the fair value of the underlying collateral (less estimated costs to sell) if principal repayment is expected to come from the operation or sale of such collateral. Shortfalls in the underlying collateral value for loans or leases determined to be collateral dependent are charged off immediately. Subsequent to an appraisal or other fair value estimate, management will assess whether there was a further decline in the value of the collateral based on changes in market conditions or property use that would require additional impairment to be recorded to reflect the particular situation, thereby increasing the ACL on loans and leases.

Asset Quality

Customers segments the loan and lease receivables by product or other characteristic generally defining a shared characteristic with other loans or leases in the same group. Charge-offs from originated and acquired loans and leases are absorbed by the ACL. Section 4013 of the CARES Act, as amended by the CAA, gave entities temporary relief from the accounting and disclosure requirements for TDRs. In addition, on April 7, 2020, certain regulatory banking agencies issued an interagency statement that offered practical expedients for evaluating whether loan modifications in response to the COVID-19 pandemic were TDRs. For COVID-19 related loan modifications which met the loan modification criteria under either the CARES Act, as amended, or the criteria specified by the regulatory agencies, Customers elected to suspend TDR accounting for such loan modifications. There were no commercial deferments related to COVID-19 at March 31, 2022 and December 31, 2021. Consumer deferments related to COVID-19 were \$3.3 million and \$6.1 million at March 31, 2022 and December 31, 2021, respectively. The schedule that follows includes both loans held for sale and loans held for investment.

Asset Quality at March 31, 2022

(dollars in thousands)	Total Loans and Leases	Current	30-89 Days Past Due	90 Days or More Past Due and Accruing	Non- accrual/NPL (a)	OREO and Repossessed Assets (b)	NPA (a)+(b)	NPL to Loan and Lease Type (%)	NPA to Loans and Leases + OREO and Repossessed Assets (%)
Loan and Lease Type									
Multi-family	\$ 1,705,027	\$ 1,676,468	* ','	\$ —	\$ 17,869	\$ —	\$ 17,869	1.05 %	1.05 %
Commercial and industrial	3,995,802	3,986,728	2,978	606	5,490	_	5,490	0.14 %	0.14 %
Commercial real estate owner occupied	701,893	696,835	2,867	_	2,191	_	2,191	0.31 %	0.31 %
Commercial real estate non-owner occupied	1,140,311	1,139,009	_	_	1,302	_	1,302	0.11 %	0.11 %
Construction	161,024	161,024	_	_	_	_	_	— %	— %
Total commercial loans and leases receivable	7,704,057	7,660,064	16,535	606	26,852		26,852	0.35 %	0.35 %
Residential	466,423	453,692	4,607	_	8,124	35	8,159	1.74 %	1.75 %
Manufactured housing	50,669	44,926	1,254	1,059	3,430	51	3,481	6.77 %	6.86 %
Installment	1,897,706	1,879,999	12,842	_	4,865	_	4,865	0.26 %	0.26 %
Total consumer loans receivable	2,414,798	2,378,617	18,703	1,059	16,419	86	16,505	0.68 %	0.68 %
Loans and leases receivable (1)	10,118,855	10,038,681	35,238	1,665	43,271	86	43,357	0.43 %	0.43 %
Loans receivable, PPP (2)	2,195,902	2,195,902	_	_	_	_	_	— %	— %
Loans receivable, mortgage warehouse, at fair value	1,755,758	1,755,758	_	_	_	_	_	—%	— %
Total loans held for sale	3,003	2,496	_	_	507	_	507	16.88 %	16.88 %
Total portfolio	\$ 14,073,518	\$ 13,992,837	\$ 35,238	\$ 1,665	\$ 43,778	\$ 86	\$ 43,864	0.31 %	0.31 %

Asset Quality at March 31, 2022 (continued)

	Total Loans Non-accrual /		A CI	Reserves to Loans and	Reserves to	
(dollars in thousands)		and Leases	NPL	ACL	Leases (%)	NPLs (%)
Loan and Lease Type						
Multi-family	\$	1,705,027	\$ 17,869	\$ 7,437	0.44 %	41.62 %
Commercial and industrial		3,995,802	5,490	10,765	0.27 %	196.08 %
Commercial real estate owner occupied		701,893	2,191	3,841	0.55 %	175.31 %
Commercial real estate non-owner occupied		1,140,311	1,302	5,955	0.52 %	457.37 %
Construction		161,024		939	0.58 %	— %
Total commercial loans and leases receivable	-	7,704,057	26,852	28,937	0.38 %	107.76 %
Residential		466,423	8,124	4,685	1.00 %	57.67 %
Manufactured housing		50,669	3,430	4,342	8.57 %	126.59 %
Installment		1,897,706	4,865	 107,883	5.68 %	2,217.53 %
Total consumer loans receivable		2,414,798	16,419	116,910	4.84 %	712.04 %
Loans and leases receivable (1)		10,118,855	43,271	145,847	1.44 %	337.05 %
Loans receivable, PPP (2)		2,195,902	_	_	%	%
Loans receivable, mortgage warehouse, at fair value		1,755,758	_	_	— %	— %
Total loans held for sale		3,003	507	 	— %	— %
Total portfolio	\$	14,073,518	\$ 43,778	\$ 145,847	1.04 %	333.15 %

- (1) Excluding loans receivable, PPP from total loans and leases receivable is a non-GAAP measure. Management believes the use of these non-GAAP measures provides additional clarity when assessing Customers' financial results. These disclosures should not be viewed as substitutes for results determined to be in accordance with U.S. GAAP, nor are they necessarily comparable to non-GAAP performance measures that may be presented by other entities. Please refer to the reconciliation schedules that follow this table.
- (2) The tables exclude PPP loans of \$2.2 billion, of which \$37.8 million were 30-59 days past due and \$88.3 million were 60 days or more past due as of March 31, 2022, and PPP loans of \$3.3 billion, of which \$6.3 million were 30-59 days past due and \$21.8 million were 60 days or more past due as of December 31, 2021. Claims for guarantee payments are submitted to the SBA for eligible PPP loans more than 60 days past due.

Customers' asset quality table contains non-GAAP financial measures which exclude loans receivable, PPP from their calculations. Management uses these non-GAAP measures to compare the current period presentation to historical periods in prior filings. In addition, management believes the use of these non-GAAP measures provides additional clarity when assessing Customers' financial results. These disclosures should not be viewed as substitutes for results determined to be in accordance with U.S. GAAP, nor are they necessarily comparable to non-GAAP performance measures that may be presented by other entities.

A reconciliation of total loans and lease portfolio, excluding loans receivable, PPP and other related amounts, at March 31, 2022, is set forth below.

(dollars in thousands)	Total Loans and Leases	Current		30-89 Days Past Due	90 Days or More Past Due and Accruing	a	Non- accrual/NPL (a)		OREO and Repossessed Assets (b)	N	PA (a)+(b)	NPL to Loan and Lease Type (%)	NPA to Loans and Leases + OREO and Repossessed Assets (%)
Loans and leases receivable (GAAP)	\$ 14,073,518	\$ 13,992,83	\$	35,238	\$ 1,665	\$	43,778	\$	86	\$	43,864	0.31 %	0.31 %
Less: Loans receivable, PPP (1)	2,195,902	2,195,902	2	_	_		_		_		_	— %	— %
Loans receivable, excluding loans receivable, PPP (Non-GAAP)	\$ 11,877,616	\$ 11,796,93	\$	35,238	\$ 1,665	\$	43,778	\$	86	\$	43,864	0.37 %	0.37 %
(dollars in thousands)							Total Loans and Leases	N	Non-accrual /		ACL	Reserves to Loans and Leases (%)	Reserves to NPLs (%)
Loans and leases receivable (GAAP)						\$	14,073,518	\$	43,778	\$	145,847	1.04 %	333.15 %
Less: Loans receivable, PPP (1)							2,195,902		_		_	—%	%
Loans receivable, excluding loans recei	vable, PPP (Non-	GAAP)				\$	11,877,616	\$	43,778	\$	145,847	1.23 %	333.15 %

⁽¹⁾ Loans and leases receivable include PPP loans that are past due, as claims for guarantee payments are submitted to the SBA for eligible PPP loans more than 60 days past due.

The total loan and lease portfolio was \$14.1 billion at March 31, 2022 compared to \$14.6 billion at December 31, 2021, and \$43.8 million, or 0.31% of loans and leases, were non-performing at March 31, 2022 compared to \$49.6 million, or 0.34% of loans and leases, at December 31, 2021. The loan and lease portfolio was supported by an ACL of \$145.8 million (333.15% of NPLs and 1.04% of total loans and leases) and \$137.8 million (277.72% of NPLs and 0.95% of total loans and leases), at March 31, 2022 and December 31, 2021, respectively.

DEPOSITS

Customers offers a variety of deposit accounts, including checking, savings, MMDA, and time deposits. Deposits are primarily obtained from Customers' geographic service area and nationwide through digital banking, our white label relationship, deposit brokers, listing services and other relationships. In 2021, Customers began accepting non-interest bearing demand deposits from new customers for the TassatPay instant blockchain payments platform which launched in October 2021. Customers Bank provides blockchain-based digital payments via CBIT, which allows clients to make instant payments in U.S. dollars. CBIT may only be created by, transferred to and redeemed by commercial customers of Customers Bank on the instant B2B payments platform by maintaining U.S. dollars in non-interest bearing deposits at Customers Bank. As of March 31, 2022, Customers Bank held \$1.8 billion of deposits from customers participating in CBIT.

The components of deposits were as follows at the dates indicated:

(dollars in thousands)		March 31, 2022		March 31, 2022		March 31, 2022		December 31, 2021		Change	% Change
Demand, non-interest bearing	\$	4,594,428	\$	4,459,790	\$	134,638	3.0 %				
Demand, interest bearing		5,591,468		6,488,406		(896,938)	(13.8)%				
Savings, including MMDA		5,783,472		5,322,390		461,082	8.7 %				
Non-time deposits		15,969,368		16,270,586		(301,218)	(1.9)%				
Time deposits		446,192		507,338		(61,146)	(12.1)%				
Total deposits	\$	16,415,560	\$	16,777,924	\$	(362,364)	(2.2)%				

Total deposits were \$16.4 billion at March 31, 2022, a decrease of \$362.4 million, or 2.2%, from \$16.8 billion at December 31, 2021. Interest bearing demand deposits decreased by \$896.9 million or 13.8%, to \$5.6 billion at March 31, 2022, from \$6.5 billion at December 31, 2021 and time deposits decreased by \$61.1 million, or 12.1%, to \$446.2 million at March 31, 2022, from \$507.3 million at December 31, 2021. These decreases were partially offset by increases in non-interest bearing demand deposits of \$134.6 million, or 3.0%, to \$4.6 billion at March 31, 2022 from \$4.5 billion at December 31, 2021 and savings, including MMDA of \$461.1 million, or 8.7%, to \$5.8 billion at March 31, 2022, from \$5.3 billion at December 31, 2021. The shift in the mix of deposits primarily resulted from Customers' initiative to improve its net interest margin by expanding its sources of lower-cost funding.

The total amount of estimated uninsured deposits totaled \$11.4 billion and \$12.1 billion at March 31, 2022 and December 31, 2021, respectively. Time deposits greater than the FDIC limit of \$250,000 totaled \$169.3 million and \$259.0 million at March 31, 2022 and December 31, 2021, respectively.

At March 31, 2022, the Bank had \$141.5 million in state and municipal deposits to which it had pledged \$123.4 million of available borrowing capacity through the FHLB to the depositors through a letter of credit arrangement.

FHLB ADVANCES AND OTHER BORROWINGS

Borrowed funds from various sources are generally used to supplement deposit growth and meet other operating needs. Customers' borrowings include short-term and long-term advances from the FHLB, FRB, including from the PPPLF, federal funds purchased, senior unsecured notes and subordinated debt. Subordinated debt is also considered as Tier 2 capital for certain regulatory calculations.

Short-term debt

Short-term debt at March 31, 2022 and December 31, 2021 was as follows:

	March 3	31, 2022		Decembe	er 31, 2021	
(dollars in thousands)	Amount	Rate	Amount		Rate	
FHLB advances	\$ _	<u> </u>	\$	700,000	0.26 %	
Federal funds purchased	700,000	0.40 %		75,000	0.05 %	
Total short-term debt	\$ 700,000		\$	775,000		

Long-term debt

FHLB and FRB Advances

There were no long-term advances outstanding with the FHLB or FRB at March 31, 2022 and December 31, 2021.

Beginning in second quarter 2020, Customers began participating in the PPPLF, in which Federal Reserve Banks extend non-recourse loans to institutions that are eligible to make PPP loans. Only PPP loans that are guaranteed by the SBA under the PPP, with respect to both principal and interest that are originated or purchased by an eligible institution, may be pledged as collateral to the Federal Reserve Banks. During the three months ended September 30, 2021, Customers repaid the PPPLF advances. No new advances are available from the PPPLF after July 30, 2021.

The maximum borrowing capacity with the FHLB and FRB at March 31, 2022 and December 31, 2021 was as follows:

(dollars in thousands)	 March 31, 2022	December 31, 2021
Total maximum borrowing capacity with the FHLB	\$ 3,337,211	\$ 2,973,635
Total maximum borrowing capacity with the FRB (1)	214,908	183,052
Qualifying loans serving as collateral against FHLB and FRB advances (1)	4,218,252	3,594,339

(1) Amounts reported in the above table exclude borrowings under the PPPLF, which are limited to the unpaid principal balance of the loans originated under the PPP. Customers had no borrowings under the PPPLF at March 31, 2022 and December 31, 2021.

Senior Notes and Subordinated Debt

Long-term senior notes and subordinated debt at March 31, 2022 and December 31, 2021 were as follows:

(dollars in thousands)		Mare	ch 31, 2022	D	ecember 31, 2021					
Issued by	Ranking	Carry	ing Amount	Car	rying Amount	Rate	Issued Amount	Date Issued	Maturity	Price
Customers Bancorp	Senior (1)	\$	99,844	\$	98,642	2.875 %	\$ 100,000	August 2021	August 2031	100.000 %
Customers Bancorp	Senior		24,702		24,672	4.500 %	25,000	September 2019	September 2024	100.000 %
Customers Bancorp	Senior		98,684		99,772	3.950 %	100,000	June 2017	June 2022	99.775 %
Total other borrowi	ngs	\$	223,230	\$	223,086					
Customers Bancorp	Subordinated (2)(3)	\$	72,448	\$	72,403	5.375 %	\$ 74,750	December 2019	December 2034	100.000 %
Customers Bank	Subordinated (2)(4)		109,294		109,270	6.125 %	110,000	June 2014	June 2029	100.000 %
Total subordinated	debt	\$	181,742	\$	181,673					

- (1) The senior notes will bear an annual fixed rate of 2.875% until August 15, 2026. From August 15, 2026 until maturity, the notes will bear an annual interest rate equal to a benchmark rate, which is expected to be the three-month term SOFR, plus 235 basis points. Customers Bancorp has the ability to call the senior notes, in whole, or in part, at a redemption price equal to 100% of the principal balance at certain times on or after August 15, 2026.
- (2) The subordinated notes qualify as Tier 2 capital for regulatory capital purposes.
- (3) Customers Bancorp has the ability to call the subordinated notes, in whole, or in part, at a redemption price equal to 100% of the principal balance at certain times on or after December 30, 2029.
- (4) The subordinated notes will bear an annual fixed rate of 6.125% until June 26, 2024. From June 26, 2024 until maturity, the notes will bear an annual interest rate equal to the three-month LIBOR plus 344.3 basis points. Customers Bank has the ability to call the subordinated notes, in whole, or in part, at a redemption price equal to 100% of the principal balance at certain times on or after June 26, 2024.

SHAREHOLDERS' EQUITY

The components of shareholders' equity were as follows at the dates indicated:

(dollars in thousands)	March 31, 2022	December 31, 2021	Change	% Change
Preferred stock	\$ 137,794	\$ 137,794	\$ 	<u> </u>
Common stock	34,882	34,722	160	0.5 %
Additional paid in capital	542,402	542,391	11	<u> </u>
Retained earnings	780,628	705,732	74,896	10.6 %
Accumulated other comprehensive income (loss), net	(62,548)	(4,980)	(57,568)	1,156.0 %
Treasury stock	(55,752)	(49,442)	(6,310)	12.8 %
Total shareholders' equity	\$ 1,377,406	\$ 1,366,217	\$ 11,189	0.8 %

Shareholders' equity increased \$11.2 million, or 0.8%, to \$1.4 billion at March 31, 2022 when compared to shareholders' equity of \$1.4 billion at December 31, 2021. The increase primarily resulted from an increase of \$74.9 million in retained earnings, partially offset by a decrease of \$57.6 million in accumulated other comprehensive income (loss), net and an increase of \$6.3 million in treasury stock.

The increase in common stock and additional paid in capital resulted from the issuance of common stock under share-based compensation arrangements for the three months ended March 31, 2022.

The increase in retained earnings resulted from net income of \$76.8 million, partially offset by preferred stock dividends of \$1.9 million for the three months ended March 31, 2022.

The decrease in accumulated other comprehensive income (loss), net primarily resulted from a decrease of \$78.9 million in the fair value of AFS debt securities and income tax effect of \$20.5 million due to changes in market interest rates, partially offset by reclassification of \$1.1 million in net losses and income tax effect of \$0.3 million resulting from the sales of AFS debt securities during the three months ended March 31, 2022.

On August 25, 2021, the Board of Directors of Customers Bancorp authorized the Share Repurchase Program to repurchase up to 3,235,326 shares of the Company's common stock (representing 10% of the Company's outstanding shares of common stock on June 30, 2021). The term of the Share Repurchase Program will extend for one year from September 27, 2021, unless earlier terminated. Purchases of shares under the Share Repurchase Program may be executed through open market purchases, privately negotiated transactions, through the use of Rule 10b5-1 plans, or otherwise. The exact number of shares, timing for such purchases, and the price and terms at and on which such purchases are to be made will be at the discretion of the Company and will comply with all applicable regulatory limitations. Customers Bancorp purchased 115,324 shares of its common stock for \$6.3 million pursuant to the Share Repurchase Program during the three months ended March 31, 2022. Refer to "NOTE 11 – SHAREHOLDERS' EQUITY" to Customers' unaudited consolidated financial statements for additional information on the repurchase of common shares.

LIQUIDITY AND CAPITAL RESOURCES

Liquidity for a financial institution is a measure of that institution's ability to meet depositors' needs for funds, to satisfy or fund loan and lease commitments, and for other operating purposes. Ensuring adequate liquidity is an objective of the asset/liability management process. Customers coordinates its management of liquidity with its interest rate sensitivity and capital position, and strives to maintain a strong liquidity position that is sufficient to meet Customers' short-term and long-term needs, commitments and contractual obligations.

Customers is involved with financial instruments and other commitments with off-balance sheet risks. Financial instruments with off-balance sheet risks are incurred in the normal course of business to meet the financing needs of the Bank's customers. These financial instruments include commitments to extend credit, including unused portions of lines of credit, and standby letters of credit. Those instruments involve, to varying degrees, elements of credit risk in excess of the amount recognized on the consolidated balance sheet.

With commitments to extend credit, exposure to credit loss in the event of non-performance by the other party to the financial instrument is represented by the contractual amount of those instruments. The same credit policies are used in making commitments and conditional obligations as for on-balance sheet instruments. Because they involve credit risk similar to extending a loan and lease, these financial instruments are subject to the Bank's credit policy and other underwriting standards.

Customers recognized a credit to provision for credit losses (a benefit) on unfunded lending-related commitments of \$0.1 million during the three months ended March 31, 2022 resulting in an ACL of \$2.0 million as of March 31, 2022. Customers had an ACL on unfunded lending-related commitments of \$2.1 million as of December 31, 2021.

Customers' contractual obligations and other commitments representing required and potential cash outflows include operating leases, demand deposits, time deposits, federal funds purchased, short-term advances from FHLB, unsecured senior notes, subordinated debt, loan and other commitments as of March 31, 2022. See "NOTE 9 – LEASES" and "NOTE 10 – BORROWINGS" to Customers' unaudited consolidated financial statements for additional information.

Customers' investment portfolio provides periodic cash flows through regular maturities and amortization and can be used as collateral to secure additional funding. Customers' principal sources of funds are deposits, borrowings, principal and interest payments on loans and leases, other funds from operations, and proceeds from common and preferred stock issuances. Borrowing arrangements are maintained with the FHLB and the FRB to meet short-term liquidity needs. Longer-term borrowing arrangements are also maintained with the FHLB and FRB. As of March 31, 2022, Customers' borrowing capacity with the FHLB was \$3.3 billion, of which \$123.4 million of available capacity was utilized to collateralize state and municipal deposits. As of December 31, 2021, Customers' borrowing capacity with the FHLB was \$3.0 billion, of which \$700.0 million was utilized in borrowings and \$475.3 million of available capacity was utilized to collateralize state and municipal deposits. As of March 31, 2022 and December 31, 2021, Customers' borrowing capacity with the FRB was \$214.9 million and \$183.1 million, respectively.

Beginning in second quarter 2020, Customers began participating in the PPPLF, in which Federal Reserve Banks extend non-recourse loans to institutions that are eligible to make PPP loans. Only PPP loans that are guaranteed by the SBA under the PPP, with respect to both principal and interest that are originated or purchased by an eligible institution, may be pledged as collateral to the Federal Reserve Banks. As of March 31, 2022, Customers had \$2.2 billion of PPP loans outstanding, which are eligible for forgiveness by the federal government. As of March 31, 2022 and December 31, 2021, Customers had no borrowings under the PPPLF. No new advances are available from the PPPLF after July 30, 2021.

In October 2021, Customers Bank launched CBIT on the TassatPay blockchain-based instant B2B payments platform, which serves a growing array of B2B clients who want the benefit of instant payments: including key over-the-counter desks, exchanges, liquidity providers, market makers, funds, and B2B verticals such as trading operations, real estate, manufacturing, and logistics. CBIT may only be created by, transferred to and redeemed by commercial customers of Customers Bank on the instant B2B payments platform by maintaining U.S. dollars in non-interest bearing deposits at Customers Bank. CBIT is not listed or traded on any digital currency exchange. As of March 31, 2022 and December 31, 2021, Customers Bank held \$1.8 billion and \$1.9 billion of deposits from customers participating in CBIT, respectively.

The table below summarizes Customers' cash flows from continuing operations for the three months ended March 31, 2022 and 2021:

	T	hree Months I	Ende	d March 31,		
(dollars in thousands)		2022		2021	 Change	% Change
Net cash provided by (used in) continuing operating activities	\$	116,940	\$	200,384	\$ (83,444)	(41.6)%
Net cash provided by (used in) continuing investing activities		88,672		(526,654)	615,326	(116.8)%
Net cash provided by (used in) continuing financing activities		(449,044)		171,071	 (620,115)	(362.5)%
Net increase (decrease) in cash and cash equivalents from continuing operations	\$	(243,432)	\$	(155,199)	\$ (88,233)	56.9 %

Cash flows provided by (used in) continuing operating activities

Cash provided by continuing operating activities of \$116.9 million for the three months ended March 31, 2022 resulted from net income from continuing operations of \$76.8 million and a decrease in accrued interest receivable and other assets of \$66.9 million, partially offset by a decrease in accrued interest payable and other liabilities of \$6.4 million and net non-cash operating adjustments of \$20.2 million.

Cash provided by continuing operating activities of \$200.4 million for the three months ended March 31, 2021 resulted from an increase in accrued interest payable and other liabilities of \$135.7 million, net income from continuing operations of \$74.6 million, a decrease of \$21.0 million in accrued interest receivable and other assets, partially offset by net non-cash operating adjustments of \$30.9 million.

Cash flows provided by (used in) continuing investing activities

Cash provided by continuing investing activities of \$88.7 million for the three months ended March 31, 2022 primarily resulted from purchases of investment securities available for sale of \$814.2 million and purchases of loans of \$206.3 million, partially offset by proceeds from net repayments of mortgage warehouse loans of \$536.6 million, proceeds from maturities, calls, and principal repayments of investment securities of \$224.8 million, proceeds from sales of investment securities available for sale of \$156.0 million, a net decrease in loans and leases, excluding mortgage warehouse loans of \$159.7 million primarily from PPP loan forgiveness, proceeds from sales of loans and leases of \$14.3 million, and net proceeds from sale of FHLB, FRB, and other restricted stock of \$15.2 million.

Cash used in continuing investing activities of \$526.7 million for the three months ended March 31, 2021 primarily resulted from a net increase in loans and leases, excluding mortgage warehouse loans of \$486.2 million primarily related to PPP loan originations, purchases of investment securities available for sale of \$589.9 million and purchases of loans of \$117.0 million, partially offset by proceeds from sales of investment securities available for sale of \$353.9 million, proceeds from net repayments of mortgage warehouse loans of \$213.8 million, proceeds from maturities, calls and principal repayments of investment securities of \$62.3 million and proceeds from sales of loans and leases of \$39.5 million.

Cash flows provided by (used in) continuing financing activities

Cash used in continuing financing activities of \$449.0 million for the three months ended March 31, 2022 primarily resulted from a net decrease in short-term borrowed funds from the FHLB of \$700.0 million, a net decrease in deposits of \$362.4 million and purchases of treasury stock of \$6.3 million, partially offset by a net increase in federal funds purchased of \$625.0 million.

Cash provided by continuing financing activities of \$171.1 million for the three months ended March 31, 2021 primarily resulted from net increases in deposits of \$1.2 billion and \$115.0 million in federal funds purchased, partially offset by a net decrease in borrowed funds from the PPPLF of \$1.1 billion primarily from the forgiveness of PPP loans from the first two rounds.

Cash flows from discontinued operations

Customers Bancorp completed the divestiture of BMT on January 4, 2021. BMT's operating results and associated cash flows have been presented as "Discontinued operations" within the consolidated financial statements and prior period amounts have been reclassified to conform with the current period presentation. In connection with the divestiture, Customers entered into various agreements with BM Technologies, including a transition services agreement, software license agreement, deposit servicing agreement, non-competition agreement and loan agreement for periods ranging from one to ten years. The deposit service agreement is scheduled to expire on December 31, 2022 and will not be renewed. As of March 31, 2022, Customers held \$2.2 billion of deposits serviced by BM Technologies, which are expected to leave Customers Bank by December 31, 2022. The loan agreement with BM Technologies was terminated early in November 2021. For additional information refer to "NOTE 3 – DISCONTINUED OPERATIONS" to Customers' unaudited consolidated financial statements.

The table below summarizes Customers' cash flows from discontinued operations for the three months ended March 31, 2022 and 2021:

	Three Months Ended March 31,						
(dollars in thousands)		2022		2021		Change	% Change
Net cash provided by (used in) discontinued operating activities	\$	_	\$	(22,791)	\$	22,791	(100.0)%
Net increase (decrease) in cash and cash equivalents from discontinued operations	\$		\$	(22,791)	\$	22,791	(100.0)%

Cash flows provided by (used in) discontinued operating activities

Cash used in discontinued operating activities of \$22.8 million for the three months ended March 31, 2021 resulted from a net loss of \$38.0 million and a decrease in accrued interest payable and other liabilities of \$40.7 million, offset in part by non-cash operating activities of \$20.3 million and a decrease in other assets of \$35.6 million.

CAPITAL ADEQUACY

The Bank and the Bancorp are subject to various regulatory capital requirements administered by federal banking agencies. Failure to meet minimum capital requirements can result in certain mandatory, and possibly additional discretionary, actions by regulators that, if undertaken, could have a direct material effect on Customers' financial statements. Under capital adequacy guidelines and the regulatory framework for prompt corrective action, the Bank and the Bancorp must meet specific capital guidelines that involve quantitative measures of their assets, liabilities and certain off-balance sheet items, as calculated under the regulatory accounting practices. The capital amounts and classification are also subject to qualitative judgments by the regulators about components, risk weightings and other factors. Prompt corrective action provisions are not applicable to bank holding companies.

In first quarter 2020, U.S federal banking regulatory agencies permitted banking organizations to phase-in, for regulatory capital purposes, the day-one impact of the new CECL accounting rule on retained earnings over a period of three years. As part of its response to the impact of COVID-19, on March 31, 2020, the U.S. federal banking regulatory agencies issued an interim final rule that provided the option to temporarily delay certain effects of CECL on regulatory capital for two years, followed by a three-year transition period. The interim final rule allows banking organizations to delay for two years 100% of the day-one impact of adopting CECL and 25% of the cumulative change in the reported allowance for credit losses since adopting CECL. Customers has elected to adopt the interim final rule, which is reflected in the regulatory capital data presented below. The cumulative CECL capital transition impact as of December 31, 2021 which amounted to \$61.6 million will be phased in at 25% per year beginning on January 1, 2022 through December 31, 2024. As of March 31, 2022, our regulatory capital ratios reflected 75%, or \$46.2 million, benefit associated with the CECL transition provisions.

In April 2020, the U.S. federal banking regulatory agencies issued an interim final rule that permits banks to exclude the impact of participating in the SBA PPP program in their regulatory capital ratios. Specifically, PPP loans are zero percent risk weighted and a bank can exclude all PPP loans pledged as collateral to the PPPLF from its average total consolidated assets for purposes of calculating the Tier 1 capital to average assets ratio (i.e. leverage ratio). Customers applied this regulatory guidance in the calculation of its regulatory capital ratios presented below.

Quantitative measures established by regulation to ensure capital adequacy require the Bank and the Bancorp to maintain minimum amounts and ratios (set forth in the following table) of common equity Tier 1, Tier 1, and total capital to risk-weighted assets, and Tier 1

capital to average assets (as defined in the regulations). At March 31, 2022 and December 31, 2021, the Bank and the Bancorp met all capital adequacy requirements to which they were subject.

Generally, to comply with the regulatory definition of adequately capitalized, or well capitalized, respectively, or to comply with the Basel III capital requirements, an institution must at least maintain the common equity Tier 1, Tier 1, and total risk-based capital ratios and the Tier 1 leverage ratio in excess of the related minimum ratios set forth in the following table:

Minimum Canital Lavala to be Classified as:

					Minin	nun	n Capital Leve	ls to be Classif	ied	as:	
		Act	ual	Adequately Capitalized			Well Cap	italized	Basel III Compliant		
(dollars in thousands)		Amount	Ratio	Amount	Ratio		Amount	Ratio		Amount	Ratio
As of March 31, 2022:	_										
Common equity Tier 1 capital (to risk-weighted assets)											
Customers Bancorp, Inc.	\$	1,344,684	9.893 %	\$ 611,629	4.500 %		N/A	N/A	\$	951,423	7.000 %
Customers Bank	\$	1,573,796	11.598 %	\$ 610,658	4.500 %	\$	882,062	6.500 %	\$	949,913	7.000 %
Tier 1 capital (to risk-weighted assets)											
Customers Bancorp, Inc.	\$	1,482,477	10.907 %	\$ 815,505	6.000 %		N/A	N/A	\$	1,155,299	8.500 %
Customers Bank	\$	1,573,796	11.598 %	\$ 814,211	6.000 %	\$	1,085,615	8.000 %	\$	1,153,466	8.500 %
Total capital (to risk-weighted assets)											
Customers Bancorp, Inc.	\$	1,749,655	12.873 %	\$ 1,087,340	8.000 %		N/A	N/A	\$	1,427,134	10.500 %
Customers Bank	\$	1,768,525	13.032 %	\$ 1,085,615	8.000 %	\$	1,357,019	10.000 %	\$	1,424,870	10.500 %
Tier 1 capital (to average assets)											
Customers Bancorp, Inc.	\$	1,482,477	7.723 %	\$ 767,836	4.000 %		N/A	N/A	\$	767,836	4.000 %
Customers Bank	\$	1,573,796	8.211 %	\$ 766,712	4.000 %	\$	958,391	5.000 %	\$	766,712	4.000 %
As of December 31, 2021:											
Common equity Tier 1 capital (to risk-weighted assets)											
Customers Bancorp, Inc.	\$	1,291,270	9.981 %	\$ 582,179	4.500 %		N/A	N/A	\$	905,611	7.000 %
Customers Bank	\$	1,526,583	11.825 %	\$ 580,943	4.500 %	\$	839,140	6.500 %	\$	903,689	7.000 %
Tier 1 capital (to risk-weighted assets)											
Customers Bancorp, Inc.	\$	1,429,063	11.046 %	\$ 776,238	6.000 %		N/A	N/A	\$	1,099,671	8.500 %
Customers Bank	\$	1,526,583	11.825 %	\$ 774,591	6.000 %	\$	1,032,788	8.000 %	\$	1,097,337	8.500 %
Total capital (to risk-weighted assets)											
Customers Bancorp, Inc.	\$	1,667,395	12.888 %	\$ 1,034,984	8.000 %		N/A	N/A	\$	1,358,417	10.500 %
Customers Bank	\$	1,692,512	13.110 %	\$ 1,032,788	8.000 %	\$	1,290,985	10.000 %	\$	1,355,534	10.500 %
Tier 1 capital (to average assets)											
Customers Bancorp, Inc.	\$	1,429,063	7.413 %	\$ 771,084	4.000 %		N/A	N/A	\$	771,084	4.000 %
Customers Bank	\$	1,526,583	7.925 %	\$ 770,528	4.000 %	\$	963,160	5.000 %	\$	770,528	4.000 %

The Basel III Capital Rules require that we maintain a 2.500% capital conservation buffer with respect to each of common equity Tier 1, Tier 1 and total capital to risk-weighted assets, which provides for capital levels that exceed the minimum risk-based capital adequacy requirements. A financial institution with a capital conservation buffer of less than the required amount is subject to limitations on capital distributions, including dividend payments and stock repurchases, and certain discretionary bonus payments to executive officers. As of March 31, 2022, the Bank and the Bancorp were in compliance with the Basel III requirements. See "NOTE 12 – REGULATORY CAPITAL" to Customers' unaudited consolidated financial statements for additional discussion regarding regulatory capital requirements.

Effect of Government Monetary Policies

Our earnings are and will be affected by domestic economic conditions and the monetary and fiscal policies of the United States government and its agencies. An important function of the Federal Reserve Board is to regulate the money supply and interest rates. Among the instruments used to implement those objectives are open market operations in United States government securities and changes in reserve requirements against member bank deposits. These instruments are used in varying combinations to influence overall

growth and distribution of bank loans and leases, investments, and deposits, and their use may also affect rates charged on loans and leases or paid for deposits.

Item 3. Quantitative and Qualitative Disclosures About Market Risk

Interest Rate Sensitivity

The largest component of Customers' net income is net interest income, and the majority of its financial instruments are interest rate sensitive assets and liabilities with various term structures and maturities. One of the primary objectives of management is to optimize net interest income while minimizing interest rate risk. Interest rate risk is derived from timing differences in the repricing of assets and liabilities, loan prepayments, deposit withdrawals and differences in lending and funding rates. Customers' asset/liability committee actively seeks to monitor and control the mix of interest rate sensitive assets and interest rate sensitive liabilities.

Customers uses two complementary methods to analyze and measure interest rate sensitivity as part of the overall management of interest rate risk; they are income scenario modeling and estimates of EVE. The combination of these two methods provides a reasonably comprehensive summary of the levels of interest rate risk of Customers' exposure to time factors and changes in interest rate environments.

Income scenario modeling is used to measure interest rate sensitivity and manage interest rate risk. Income scenario considers not only the impact of changing market interest rates upon forecasted net interest income but also other factors such as yield curve relationships, the volume and mix of assets and liabilities, customer preferences and general market conditions.

Through the use of income scenario modeling, Customers has estimated the net interest income for the twelve months ending March 31, 2023 and December 31, 2022, based upon the assets, liabilities and off-balance sheet financial instruments in existence at March 31, 2022 and December 31, 2021. Customers has also estimated changes to that estimated net interest income based upon interest rates rising or falling immediately ("rate shocks"). For upward rate shocks modeling a rising rate environment at March 31, 2022, current market interest rates were increased immediately by 100, 200, and 300 basis points. In the current interest rate environment, particularly for short term rates, the Down 100 to Down 300 basis point scenarios are not shown due to the unrealistic and/or negative yield nature of the results. The following table reflects the estimated percentage change in estimated net interest income for the twelve months ending March 31, 2023 and December 31, 2022, resulting from changes in interest rates.

Net change in net interest income

		nange
Rate Shocks	March 31, 2022	December 31, 2021
Up 3%	7.1%	16.0%
Up 2%	5.1%	10.8%
Up 1%	2.9%	5.7%

0/ Change

EVE estimates the discounted present value of asset and liability cash flows. Discount rates are based upon market prices for comparable assets and liabilities. Upward and downward rate shocks are used to measure volatility of EVE in relation to a constant rate environment. For upward rate shocks modeling a rising rate environment at March 31, 2022, current market interest rates were increased immediately by 100, 200, and 300 basis points. Due to the limitations of the current low interest rate environment, the Down 100, 200 and 300 basis point rate shocks are deemed impractical and not presented below. The downward rate shocks modeled will be revisited in the future if necessary and will be contingent upon additional Federal Reserve interest rate hikes. This method of measurement primarily evaluates the longer term repricing risks and options in Customers Bank's balance sheet. The following table reflects the estimated EVE at risk and the ratio of EVE to EVE adjusted assets at March 31, 2022 and December 31, 2021, resulting from shocks to interest rates.

	From	Base
Rate Shocks	March 31, 2022	December 31, 2021
Up 3%	14.0%	100.7%
Up 2%	13.8%	79.8%
Up 1%	9.4%	51.5%

Management believes that the assumptions and combination of methods utilized in evaluating estimated net interest income are reasonable. However, the interest rate sensitivity of our assets, liabilities and off-balance sheet financial instruments, as well as the estimated effect of changes in interest rates on estimated net interest income, could vary substantially if different assumptions are used or actual experience differs from the assumptions used in the model.

Item 4. Controls and Procedures

- (a) Management's Evaluation of Disclosure Controls and Procedures. As of the end of the period covered by this report, Customers Bancorp carried out an evaluation, under the supervision and with the participation of Customers Bancorp's management, including Customers Bancorp's Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of Customers Bancorp's disclosure controls and procedures as defined in the Exchange Act Rules 13a-15(e) and 15d-15(e). Based upon the evaluation, the Chief Executive Officer and Chief Financial Officer concluded that Customers Bancorp's disclosure controls and procedures were effective as of March 31, 2022.
- **(b)** Changes in Internal Control Over Financial Reporting. During the quarter ended March 31, 2022, there have been no changes in Customers Bancorp's internal control over financial reporting that have materially affected, or are reasonably likely to materially affect, Customers Bancorp's internal control over financial reporting.

The emergence of the COVID-19 pandemic during first quarter 2020 necessitated the execution of several Customers Bancorp contingency plans. Beginning in March 2020, Customers Bancorp had a substantial number of its team members working remotely under such contingency plans. Since that time, Customers has launched the "Return to Workplace" initiative, and communicated a goal of having more team members return to the workplace. In that communication, Customers announced the following action steps along with a continuing commitment to remain empathetic and cognizant of balancing company principles, customer support, team members support and remaining vigilant on tracking and preventing COVID-19 exposures to protect our team members and customers. Customers implemented a "hybrid model" encouraging and tracking the movement of more team members returning to the office, released a communication requiring all team members to read, sign and acknowledge a Code of Commitment to reveal exposures to COVID-19, thereby allowing Customers to manage the possible impact with 100 percent participation of our team members. Customers has started tracking vaccination rates and less than 10 percent of our team members are not vaccinated or not planning to be vaccinated. The execution of the contingency plans did not materially affect Customers' internal control over financial reporting.

Part II. OTHER INFORMATION

Item 1. Legal Proceedings

For information on Customers' legal proceedings, refer to "NOTE 15 – LOSS CONTINGENCIES" to the unaudited consolidated financial statements.

Item 1A. Risk Factors

In addition to the other information set forth in this Quarterly Report, you should carefully consider the factors discussed in "Risk Factors" included within the 2021 Form 10-K. There are no material changes from the risk factors included within the 2021 Form 10-K. The risks described within the 2021 Form 10-K are not the only risks facing us. Additional risks and uncertainties not currently known to us or that we currently believe to be immaterial also may materially adversely affect our business, financial condition and/or operating results. See "Item 2 – Management's Discussion and Analysis of Financial Condition and Results of Operations – Cautionary Note Regarding Forward-Looking Statements."

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

Issuer Purchases of Equity Securities

On August 25, 2021, the Board of Directors of Customers Bancorp authorized the Share Repurchase Program to repurchase up to 3,235,326 shares of the Company's common stock (representing 10% of the Company's outstanding shares of common stock on June 30, 2021). The term of the Share Repurchase Program will extend for one year from September 27, 2021, unless earlier terminated. Purchases of shares under the Share Repurchase Program may be executed through open market purchases, privately negotiated transactions, through the use of Rule 10b5-1 plans, or otherwise. The exact number of shares, timing for such purchases, and the price and terms at and on which such purchases are to be made will be at the discretion of the Company and will comply with all applicable regulatory limitations. The common shares repurchased during the three months ended March 31, 2022 pursuant to the Share Repurchase Program were as follows:

Period	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares purchased as part of publicly announced plans or programs	Maximum Number of Shares that may yet be purchased under the plans or programs
January 1 - January 31, 2022	66,255	\$ 56.11	66,255	2,641,282
February 1 - February 28, 2022	_	_	_	2,641,282
March 1 - March 31, 2022	49,069	52.85	49,069	2,592,213
Total	115,324	\$ 54.72	115,324	2,592,213

Dividends on Common Stock

Customers Bancorp historically has not paid any cash dividends on its shares of common stock and does not expect to do so in the foreseeable future.

Any future determination relating to our dividend policy will be made at the discretion of Customers Bancorp's Board of Directors and will depend on a number of factors, including earnings and financial condition, liquidity and capital requirements, the general economic and regulatory climate, ability to service any equity or debt obligations senior to our common stock, including obligations to pay dividends to the holders of Customers Bancorp's issued and outstanding shares of preferred stock and other factors deemed relevant by the Board of Directors.

In addition, as a bank holding company, Customers Bancorp is subject to general regulatory restrictions on the payment of cash dividends. Federal bank regulatory agencies have the authority to prohibit bank holding companies from engaging in unsafe or unsound practices in conducting their business, which, depending on the financial condition and liquidity of the holding company at the time, could include the payment of dividends. Further, various federal and state statutory provisions limit the amount of dividends that bank subsidiaries can pay to their parent holding company without regulatory approval. Generally, subsidiaries are prohibited from paying dividends when doing so would cause them to fall below the regulatory minimum capital levels, and limits exist on paying dividends in excess of net income for specified periods.

Beginning January 1, 2015, the ability to pay dividends and the amounts that can be paid will be limited to the extent the Bank's capital ratios do not exceed the minimum required levels plus 250 basis points, as these requirements were phased in through January 1, 2019.

Item 3. Defaults	Upon Se	nior Securities
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None.

Item 4. Mine Safety Disclosures

Not applicable.

Item 5. Other Information

None.

Item 6. Exhibits Exhibit No.	Description
2.1	Asset Purchase Agreement dated as of December 15, 2015 by and among Customers Bancorp, Customers Bank, Higher One, Inc. and Higher One Holdings, Inc., incorporated by reference to Exhibit 2.3 to the Customers Bancorp Form 10-K filed with the SEC on February 26, 2016
2.2 *	Agreement and Plan of Merger by and between Megalith Financial Acquisition Corp., MFAC Merger Sub Inc., Customers Bank, and BankMobile Technologies, Inc., as the Company, incorporated by reference to Exhibit 2.1 to the Customers Bancorp 8-K filed with the SEC on August 6, 2020
2.3	First Amendment to Agreement and Plan Merger, dated November 2, 2020, by and among Megalith Financial Acquisition Corp., MFAC Merger Sub, Inc., Customers Bank, BankMobile Technologies, and Customers Bancorp, incorporated by reference to Exhibit 2.1 to the Customers Bancorp 8-K filed with the SEC on November 2, 2020
2.4	Second Amendment to Agreement and Plan Merger, dated December 8, 2020, by and among Megalith Financial Acquisition Corp., MFAC Merger Sub, Inc., Customers Bank, BankMobile Technologies, and Customers Bancorp, incorporated by reference to Exhibit 2.3 to the Customers Bancorp 8-K filed with the SEC on January 8, 2021
<u>3.1</u>	Amended and Restated Articles of Incorporation of Customers Bancorp, incorporated by reference to Exhibit 3.1 to the Customers Bancorp Form 8-K filed with the SEC on April 30, 2012
<u>3.2</u>	Amended and Restated Bylaws of Customers Bancorp, incorporated by reference to Exhibit 3.2 to the Customers Bancorp Form 8-K filed with the SEC on April 30, 2012
<u>3.3</u>	Articles of Amendment to the Amended and Restated Articles of Incorporation of Customers Bancorp, incorporated by reference to Exhibit 3.1 to the Customers Bancorp Form 8-K filed with the SEC on July 2, 2012
<u>3.4</u>	Articles of Amendment to the Amended and Restated Articles of Incorporation of Customers Bancorp, Inc., incorporated by reference to Exhibit 3.1 to the Customers Bancorp's Form 8-K filed with the SEC on June 3, 2019
<u>3.5</u>	Amendment to Amended and Restated Bylaws of Customers Bancorp, Inc., incorporated by reference to Exhibit 3.1 to the Customers Bancorp's Form 8-K filed with the SEC on June 19, 2019
<u>3.6</u>	Statement with Respect to Shares of Fixed-to-Floating Rate Non-Cumulative Perpetual Preferred Stock, Series E, incorporated by reference to Exhibit 3.1 to the Customers Bancorp Form 8-K filed with the SEC on April 28, 2016
<u>3.7</u>	Statement with Respect to Shares of Fixed-to-Floating Rate Non-Cumulative Perpetual Preferred Stock, Series F, incorporated by reference to Exhibit 3.1 to the Customers Bancorp Form 8-K filed with the SEC on September 16, 2016
<u>4.1</u>	Fourth Supplemental Indenture dated as of August 6, 2021 between Customers Bancorp, Inc., as Issuer, and Wilmington Trust, National Association, as Trustee, incorporated by reference to Exhibit 4.1 to Customers Bancorp's Form 8-K filed with the SEC on August 6, 2021
<u>4.2</u>	Form of 2.875% Fixed-to-Floating Rate Senior Note, incorporated by reference to Exhibit 4.2 to the Customers Bancorp 8-K filed with the SEC on August 6, 2021
<u>10.1</u>	Supplemental Executive Retirement Plan of Lyle Cunningham, incorporated by reference to Exhibit 10.1 to Customers Bancorp's Form 8-K filed with the SEC on May 6, 2022
<u>31.1</u>	Certification of the Chief Executive Officer Pursuant to Exchange Act Rule 13a-14(a) or Rule15d-14(a)
<u>31.2</u>	Certification of the Chief Financial Officer Pursuant to Exchange Act Rule 13a-14(a) or Rule15d-14(a)
<u>32.1</u>	Certification of the Chief Executive Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of Sarbanes-Oxley Act of 2002
<u>32.2</u>	Certification of the Chief Financial Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of Sarbanes-Oxley Act of 2002
101	The following financial statements from the Customers' Quarterly Report on Form 10-Q as of and for the quarterly period ended March 31, 2022, formatted in Inline XBRL: (i) <u>Consolidated Balance Sheets</u> , (ii) <u>Consolidated Statements of Income</u> , (iii) <u>Consolidated Statements of Changes in Shareholders' Equity</u> , (v) <u>Consolidated Statements of Cash Flows</u> , and (vi) the <u>Notes to the Consolidated Financial Statements</u> .
104	Cover Page Interactive Data File - the cover page XBRL tags are embedded within the Inline XBRL document
101.SCH	XBRL Taxonomy Extension Schema Document.
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document.

101.DEF	XBRL Taxonomy Extension Definitions Linkbase Document.
101.LAB	XBRL Taxonomy Extension Label Linkbase Document.
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document.

^{*} Schedules have been omitted pursuant to Item 601(a)(5) of Regulation S-K. A copy of any omitted schedule will be furnished to the SEC upon its request.

SIGNATURES

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

Customers Bancorp, Inc.

May 9, 2022 By: /s/ Jay S. Sidhu

Name: Jay S. Sidhu

Title: Chairman and Chief Executive Officer

(Principal Executive Officer)

May 9, 2022 By: /s/ Carla A. Leibold

Name: Carla A. Leibold
Title: Chief Financial Officer

(Principal Financial Officer)

CERTIFICATION PURSUANT TO RULES 13a-14(a) / 15d-14(a) UNDER THE SECURITIES EXCHANGE ACT OF 1934, AS AMENDED

I, Jay S. Sidhu, certify that:

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

/s/ Jay S. Sidhu

Jay S. Sidhu Chairman and Chief Executive Officer (Principal Executive Officer)

Date: May 9, 2022

CERTIFICATION PURSUANT TO RULES 13a-14(a) / 15d-14(a) UNDER THE SECURITIES EXCHANGE ACT OF 1934, AS AMENDED

I, Carla A. Leibold, certify that:

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

/s/ Carla A. Leibold

Carla A. Leibold Chief Financial Officer (Principal Financial Officer)

Date: May 9, 2022

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

In connection with the quarterly report of Customers Bancorp, Inc. (the "Corporation") on Form 10-Q for the period ended March 31, 2022, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Jay S. Sidhu, Chairman and Chief Executive Officer of the Corporation, certify, pursuant to 18 U.S.C. §1350, as adopted pursuant to §906 of the Sarbanes-Oxley Act of 2002, that to the best of my knowledge and belief:

(1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of		respects, the financial condition and results of operations of the Corporation
	Date: May 9, 2022	/s/ Jay S. Sidhu
		Jay S. Sidhu, Chairman and Chief Executive Officer
		(Principal Executive Officer)

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

In connection with the quarterly report of Customers Bancorp, Inc. (the "Corporation") on Form 10-Q for the period ended March 31, 2022, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Carla A. Leibold, Chief Financial Officer of the Corporation, certify, pursuant to 18 U.S.C. §1350, as adopted pursuant to §906 of the Sarbanes-Oxley Act of 2002, that to the best of my knowledge and belief:

(1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(2)	The information contained in the Report fairly presents, in all material res	pects, the financial condition and results of operations of the Corporation
	Date: May 9, 2022	/s/ Carla A. Leibold

Carla A. Leibold, Chief Financial Officer (Principal Financial Officer)