UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

FORM 10-Q

\boxtimes	QUARTERLY REPORT PURSUANT TO	SECTION 13 or 15	o(d) OF TH	E SECURIT	IES EXCHANGE	ACT OF 193	34			
	For the quarterly period ended <u>June 30, 202</u>	1								
			O	R						
	TRANSITION REPORT PURSUANT TO	SECTION 13 OR	15(d) OF T	HE SECURI	TIES EXCHANG	E ACT OF 1	934			
	For the transition period from	to								
		Com	mission Fil	e No. 000-20	0827					
		CASS INFO		ON SVST	EMS INC					
		(Exact name o								
	Missouri					43-126533	8			
	(State or other jurisdiction of incorporation)			(I.R.S. En	iployer Ident	ification No.))			
	12444 Powerscourt Drive,	Suite 550								
	St. Louis, Missour					63131	`			
	(Address of principal executi	ve offices)	(D4.4) =			(Zip Code)			
		(Registrant's te		06-5500 mber, includ	ing area code)					
Sec	curities registered pursuant to Section 12(b) o	f the Act:								
	Title of each class		ading symb	ols			each exchange on which registered			
	Common stock, par value \$.50		CASS		T	he Nasdaq G	lobal Select I	Market		
duı	Indicate by check mark whether the registran- ring the preceding 12 months (or for such sl juirements for the past 90 days.									
			Yes	\boxtimes		No				
	Indicate by check mark whether the registrar gulation S-T (§ 232.405 of this chapter) durin									
			Yes	\boxtimes		No				
em	Indicate by check mark whether the registral erging growth company. See the definitions in pany" in Rule 12b-2 of the Exchange Act.									
	Large Accelerated Filer \square	Accelerated File	er 🗵							
	Non-Accelerated Filer \square	Smaller Reporti	ng Compan	у□	Emerging (Growth Com	pany 🗆			
	If an emerging growth company, indicate by w or revised financial accounting standards pr					nded transiti	on period for	complying with any		
	Indicate by check mark whether the registran	t is a shell compan	y (as define	ed in Rule 12	b-2 of the Exchang	ge Act).				
			Yes			No	\boxtimes			
	The number of shares outstanding of the re 306,354 shares outstanding.	egistrant's only cla	ss of com	non stock as	s of July 23, 2021	: Common	stock, par va	lue \$.50 per share –		
			-;	1-						

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Forward-looking Statements - Factors That May Affect Future Results

This report may contain or incorporate by reference forward-looking statements made pursuant to the safe harbor provisions of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Although we believe that, in making any such statements, our expectations are based on reasonable assumptions, forward-looking statements are not guarantees of future performance and involve risks, uncertainties, and other factors beyond our control, which may cause future performance to be materially different from expected performance summarized in the forward-looking statements. These risks, uncertainties and other factors are discussed in Part I, Item 1A, "Risk Factors" of the Company's 2020 Annual Report on Form 10-K, filed with the Securities and Exchange Commission ("SEC"), which may be updated from time to time in our future filings with the SEC. We undertake no obligation to publicly update or revise any forward-looking statements to reflect changed assumptions, the occurrence of anticipated or unanticipated events, or changes to future results over time.

PART I. FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS

CASS INFORMATION SYSTEMS, INC. AND SUBSIDIARIES CONSOLIDATED BALANCE SHEETS

(Dollars in Thousands except Share and Per Share Data)

Assets		June 30, 2021 (Unaudited)]	December 31, 2020
Cash and due from banks	\$	14,545	\$	30,985
Interest-bearing deposits in other financial institutions	Þ	424,263	Þ	393,810
Federal funds sold and other short-term investments		182,773		245,733
		621,581	_	670,528
Cash and cash equivalents Securities available-for-sale, at fair value				357,726
Securities available-for-sale, at fair value		507,047		35/,/26
Loans		871,020		891,676
Less: Allowance for credit losses		11,171		11,944
Loans, net		859,849		879,732
Payments in excess of funding		184,262		194,563
Premises and equipment, net		17,741		18,057
Investment in bank-owned life insurance		17,758		18,058
Goodwill		14,262		14,262
Other intangible assets, net		2,993		3,423
Other assets		46,840		46,886
Total assets	\$	2,272,333	\$	2,203,235
Liabilities and Shareholders' Equity Liabilities: Deposits:				
Noninterest-bearing	\$	422,374	\$	493,504
Interest-bearing		593,569		557,352
Total deposits		1,015,943		1,050,856
Accounts and drafts payable		939,570		835,386
Other liabilities		56,053		55,833
Total liabilities		2,011,566		1,942,075
Shareholders' Equity:				
Preferred stock, par value \$.50 per share; 2,000,000 shares authorized and no shares issued		_		_
Common stock, par value \$.50 per share; 40,000,000 shares authorized and 15,505,772 shares issued at				
June 30, 2021 and December 31, 2020		7,753		7,753
Additional paid-in capital		203,098		204,875
Retained earnings		105,398		99,062
Common shares in treasury, at cost (1,183,885 shares at June 30, 2021 and 1,113,103 shares at December 31, 2020)		(53,437)		(50,515)
Accumulated other comprehensive loss		(2,045)		(15)
•		260,767		261,160
Total shareholders' equity	\$	2,272,333	\$	2,203,235
Total liabilities and shareholders' equity	Ф	۷,۷/۷,۵۵۵	Ф	2,203,235

CASS INFORMATION SYSTEMS, INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF INCOME

(Unaudited)

(Dollars in Thousands except Per Share Data)

		Three Mor June			Six Months Ended June 30,		
		2021	2020	2021	2020		
Fee Revenue and Other Income:							
Information services payment and processing revenue	\$	26,348	\$ 22,661	\$ 51,564	\$ 48,164		
Bank service fees		530	398	1,024	808		
(Losses) gains on sales of securities		(3)	_	45	1,069		
Other		112	115		228		
Total fee revenue and other income		26,987	23,174	53,162	50,269		
Interest Income:							
Interest and fees on loans		8,696	9,298	17,283	18,299		
Interest and dividends on securities:							
Taxable		458	473		1,033		
Exempt from federal income taxes		1,832	1,785	- /-	3,604		
Interest on federal funds sold and other short-term investments		122	86		1,044		
Total interest income	_	11,108	11,642	21,784	23,980		
Interest Expense:							
Interest on deposits		297	481	628	1,444		
Interest on short-term borrowings					2		
Total interest expense		297	481	628	1,446		
Net interest income		10,811	11,161	21,156	22,534		
(Release of) provision for credit losses / loan losses		(610)	400		725		
Net interest income after provision for credit losses / loan losses		11,421	10,761		21,809		
Total net revenue		38,408	33,935	75,528	72,078		
Operating Expense:							
Personnel		22,880	20,891				
Occupancy		959	938	· · · · · · · · · · · · · · · · · · ·	,		
Equipment		1,653	1,617	3,328	3,252		
Amortization of intangible assets		214	214		429		
Other operating expense		4,097	3,697		7,408		
Total operating expense		29,803	27,357		56,286		
Income before income tax expense		8,605	6,578		15,792		
Income tax expense		1,579	1,139		2,808		
Net income	\$	7,026	\$ 5,439	\$ 14,097	\$ 12,984		
Basic earnings per share	\$.49	·	·			
Diluted earnings per share		.48	.37	.97	.89		

CASS INFORMATION SYSTEMS, INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(Unaudited) (Dollars in Thousands)

	Three Months June 30,		Six Months Ended June 30,		
	2021	2020	2021	2020	
Comprehensive Income:					
Net income	\$ 7,026 \$	5,439 \$	14,097 \$	12,984	
Other comprehensive income (loss):					
Net unrealized gain (loss) on securities available-for-sale	1,566	6,407	(2,648)	6,985	
Tax effect	(373)	(1,525)	630	(1,663)	
Reclassification adjustments for losses (gains) included in net income	3	_	(45)	(1,069)	
Tax effect	(1)	_	10	254	
Foreign currency translation adjustments	152	16	23	(128)	
Total comprehensive income	\$ 8,373 \$	10,337 \$	12,067 \$	17,363	

CASS INFORMATION SYSTEMS, INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF CASH FLOWS

(Unaudited) (Dollars in Thousands)

> Six Months Ended June 30,

	 June 30,			
	 2021	2020		
Cash Flows From Operating Activities:				
Net income	\$ 14,097 \$	12,984		
Adjustments to reconcile net income to net cash provided by operating activities:				
Depreciation and amortization	6,167	5,564		
Gains on sales of securities	(45)	(1,069)		
Stock-based compensation expense	1,519	1,478		
(Release of) provision for credit losses / loan losses	(1,210)	725		
Decrease in income tax benefit	22	1		
(Decrease) increase in income tax liability	(88)	592		
(Decrease) increase in pension liability	(294)	2,167		
(Increase) decrease in accounts receivable	(1,131)	1,472		
Other operating activities, net	2,722	8,741		
Net cash provided by operating activities	21,759	32,655		
Cash Flows From Investing Activities:				
Proceeds from sales of securities available-for-sale	13,116	19,629		
Proceeds from maturities of securities available-for-sale	70,209	27,130		
Purchase of securities available-for-sale	(238,831)	_		
Net decrease (increase) in loans	21,093	(191,077)		
Decrease in payments in excess of funding	10,301	43,948		
Purchases of premises and equipment, net	(1,886)	(1,383)		
Net cash used in investing activities	(125,998)	(101,753)		
Cash Flows From Financing Activities:				
Net decrease in noninterest-bearing demand deposits	(71,130)	(7,524)		
Net increase in interest-bearing demand and savings deposits	40,759	79,066		
Net decrease in time deposits	(4,542)	(2,721)		
Net increase in accounts and drafts payable	104,184	60,966		
Net decrease in short-term borrowings	_	(18,000)		
Cash dividends paid	(7,761)	(7,811)		
Purchase of common shares for treasury	(5,260)	(5,508)		
Other financing activities, net	(958)	(1,185)		
Net cash provided by financing activities	55,292	97,283		
Net (decrease) increase in cash and cash equivalents	(48,947)	28,185		
Cash and cash equivalents at beginning of period	670,528	203,954		
Cash and cash equivalents at end of period	\$ 621,581 \$	232,139		
Supplemental information:				
Cash paid for interest	\$ 608 \$	1,429		
Cash paid for income taxes	3,164	2,219		

CASS INFORMATION SYSTEMS, INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY THREE AND SIX MONTHS ENDED JUNE 30, 2020 AND 2021

(Unaudited)

(Dollars in Thousands except per share data)

		Common Stock		Additional Paid-in Capital		Retained Earnings		Treasury Stock	(Accumulated Other Comprehensive Loss		Total
Balance, March 31, 2020	\$	7,753	\$	203,801	\$	93,968	\$	(49,800)	\$	(14,439)	\$	241,283
Net income						5,439			Т			5,439
Cash dividends (\$.27 per share)						(3,893)						(3,893)
Issuance of 9,292 common shares pursuant												
to stock-based compensation plan, net				(299)				343				44
Stock-based compensation expense				756								756
Other comprehensive income	_						_		_	4,898	_	4,898
Balance, June 30, 2020	\$	7,753	\$	204,258	\$	95,514	\$	(49,457)	\$	(9,541)	\$	248,527
Balance, March 31, 2021	\$	7,753	\$	202,828	\$	102,247	\$	(49,949)	\$	(3,392)	\$	259,487
Net income						7,026						7,026
Cash dividends (\$.27 per share)						(3,875)						(3,875)
Issuance of 9,720 common shares pursuant						() ,			Т			() ,
to stock-based compensation plan, net				(455)				450				(5)
Exercise of SARs				(101)				94				(7)
Stock-based compensation expense				826								826
Purchase of 89,010 common shares								(4,032)				(4,032)
Other comprehensive income	_		_		_		_		_	1,347	_	1,347
Balance, June 30, 2021	\$	7,753	\$	203,098	\$	105,398	\$	(53,437)	\$	(2,045)	\$	260,767
		Common Paid			Retained		Treasury Stock		Accumulated Other Comprehensive Loss			
		Common Stock		Additional Paid-in Capital		Retained Earnings			(Comprehensive		Total
Balance, December 31, 2019	\$		\$	Paid-in	\$		\$			Comprehensive Loss	\$	Total 244,190
Balance, December 31, 2019 Net income	\$	Stock	\$	Paid-in Capital	\$	Earnings	\$	Stock		Comprehensive Loss	\$	
Net income Cash dividends (\$.54 per share)		Stock	\$	Paid-in Capital	\$	Earnings 90,341	\$	Stock		Comprehensive Loss	\$	244,190
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant		Stock	\$	Paid-in Capital 205,397	\$	Earnings 90,341 12,984	\$	Stock (45,381)		Comprehensive Loss	\$	244,190 12,984 (7,811)
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant to stock-based compensation plan, net		Stock	\$	Paid-in Capital 205,397 (2,374)	\$	Earnings 90,341 12,984	\$	Stock (45,381)		Comprehensive Loss	\$	244,190 12,984 (7,811) (1,083)
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant to stock-based compensation plan, net Exercise of SARs		Stock	\$	Paid-in Capital 205,397 (2,374) (243)	\$	Earnings 90,341 12,984	\$	Stock (45,381)		Comprehensive Loss	\$	244,190 12,984 (7,811) (1,083) (102)
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant to stock-based compensation plan, net Exercise of SARs Stock-based compensation expense		Stock	\$	Paid-in Capital 205,397 (2,374)	\$	Earnings 90,341 12,984	\$	Stock (45,381) 1,291 141		Comprehensive Loss	\$	244,190 12,984 (7,811) (1,083) (102) 1,478
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant to stock-based compensation plan, net Exercise of SARs Stock-based compensation expense Purchase of 128,779 common shares		Stock	\$	Paid-in Capital 205,397 (2,374) (243)	\$	Earnings 90,341 12,984	\$	Stock (45,381)		Comprehensive Loss \$ (13,920)	\$	244,190 12,984 (7,811) (1,083) (102) 1,478 (5,508)
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant to stock-based compensation plan, net Exercise of SARs Stock-based compensation expense Purchase of 128,779 common shares Other comprehensive income		Stock 7,753		Paid-in Capital 205,397 (2,374) (243) 1,478		90,341 12,984 (7,811)		Stock (45,381) 1,291 141 (5,508)	\$	Comprehensive Loss (13,920)		244,190 12,984 (7,811) (1,083) (102) 1,478 (5,508) 4,379
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant to stock-based compensation plan, net Exercise of SARs Stock-based compensation expense Purchase of 128,779 common shares		Stock		Paid-in Capital 205,397 (2,374) (243)		Earnings 90,341 12,984		Stock (45,381) 1,291 141	\$	Comprehensive Loss (13,920)		244,190 12,984 (7,811) (1,083) (102) 1,478 (5,508)
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant to stock-based compensation plan, net Exercise of SARs Stock-based compensation expense Purchase of 128,779 common shares Other comprehensive income		Stock 7,753	\$	Paid-in Capital 205,397 (2,374) (243) 1,478	\$	90,341 12,984 (7,811)	\$	Stock (45,381) 1,291 141 (5,508)	\$	Comprehensive Loss \$ (13,920) 4,379 \$ (9,541)	<u>\$</u>	244,190 12,984 (7,811) (1,083) (102) 1,478 (5,508) 4,379
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant to stock-based compensation plan, net Exercise of SARs Stock-based compensation expense Purchase of 128,779 common shares Other comprehensive income Balance, June 30, 2020 Balance, December 31, 2020 Net income Cash dividends (\$.54 per share)	\$ \$	Stock 7,753 7,753	\$	Paid-in Capital 205,397 (2,374) (243) 1,478 204,258	\$	Earnings 90,341 12,984 (7,811) 95,514	\$	1,291 141 (5,508)	\$	Comprehensive Loss \$ (13,920) 4,379 \$ (9,541)	<u>\$</u>	244,190 12,984 (7,811) (1,083) (102) 1,478 (5,508) 4,379 248,527
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant to stock-based compensation plan, net Exercise of SARs Stock-based compensation expense Purchase of 128,779 common shares Other comprehensive income Balance, June 30, 2020 Balance, December 31, 2020 Net income Cash dividends (\$.54 per share) Issuance of 79,094 common shares pursuant	\$ \$	Stock 7,753 7,753	\$	Paid-in Capital 205,397 (2,374) (243) 1,478 204,258	\$	90,341 12,984 (7,811) 95,514 99,062 14,097	\$	1,291 141 (5,508) (49,457)	4)	Comprehensive Loss \$ (13,920) 4,379 \$ (9,541)	<u>\$</u>	244,190 12,984 (7,811) (1,083) (102) 1,478 (5,508) 4,379 248,527 261,160 14,097 (7,761)
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant to stock-based compensation plan, net Exercise of SARs Stock-based compensation expense Purchase of 128,779 common shares Other comprehensive income Balance, June 30, 2020 Balance, December 31, 2020 Net income Cash dividends (\$.54 per share) Issuance of 79,094 common shares pursuant to stock-based compensation plan, net	\$ \$	Stock 7,753 7,753	\$	Paid-in Capital 205,397 (2,374) (243) 1,478 204,258 204,875	\$	90,341 12,984 (7,811) 95,514 99,062 14,097	\$	1,291 141 (5,508) (49,457) (50,515)	97	Comprehensive Loss \$ (13,920) 4,379 \$ (9,541)	<u>\$</u>	244,190 12,984 (7,811) (1,083) (102) 1,478 (5,508) 4,379 248,527 261,160 14,097 (7,761) (835)
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant to stock-based compensation plan, net Exercise of SARs Stock-based compensation expense Purchase of 128,779 common shares Other comprehensive income Balance, June 30, 2020 Balance, December 31, 2020 Net income Cash dividends (\$.54 per share) Issuance of 79,094 common shares pursuant to stock-based compensation plan, net Exercise of SARs	\$ \$	Stock 7,753 7,753	\$	Paid-in Capital 205,397 (2,374) (243) 1,478 204,258 204,875 (2,881) (415)	\$	90,341 12,984 (7,811) 95,514 99,062 14,097	\$	1,291 141 (5,508) (49,457)	97	Comprehensive Loss \$ (13,920) 4,379 \$ (9,541)	<u>\$</u>	244,190 12,984 (7,811) (1,083) (102) 1,478 (5,508) 4,379 248,527 261,160 14,097 (7,761) (835) (123)
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant to stock-based compensation plan, net Exercise of SARs Stock-based compensation expense Purchase of 128,779 common shares Other comprehensive income Balance, June 30, 2020 Balance, December 31, 2020 Net income Cash dividends (\$.54 per share) Issuance of 79,094 common shares pursuant to stock-based compensation plan, net Exercise of SARs Stock-based compensation expense	\$ \$	Stock 7,753 7,753	\$	Paid-in Capital 205,397 (2,374) (243) 1,478 204,258 204,875	\$	90,341 12,984 (7,811) 95,514 99,062 14,097	\$	1,291 141 (5,508) (49,457) (50,515)	\$	Comprehensive Loss \$ (13,920) 4,379 \$ (9,541)	<u>\$</u>	244,190 12,984 (7,811) (1,083) (102) 1,478 (5,508) 4,379 248,527 261,160 14,097 (7,761) (835) (123) 1,519
Net income Cash dividends (\$.54 per share) Issuance of 66,625 common shares pursuant to stock-based compensation plan, net Exercise of SARs Stock-based compensation expense Purchase of 128,779 common shares Other comprehensive income Balance, June 30, 2020 Balance, December 31, 2020 Net income Cash dividends (\$.54 per share) Issuance of 79,094 common shares pursuant to stock-based compensation plan, net Exercise of SARs	\$ \$	Stock 7,753 7,753	\$	Paid-in Capital 205,397 (2,374) (243) 1,478 204,258 204,875 (2,881) (415)	\$	90,341 12,984 (7,811) 95,514 99,062 14,097	\$	1,291 141 (5,508) (49,457) (50,515)	\$	Comprehensive Loss \$ (13,920) 4,379 \$ (9,541)	<u>\$</u>	244,190 12,984 (7,811) (1,083) (102) 1,478 (5,508) 4,379 248,527 261,160 14,097 (7,761) (835) (123)

CASS INFORMATION SYSTEMS, INC. AND SUBSIDIARIES NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Unaudited)

Note 1 - Basis of Presentation

The accompanying unaudited consolidated financial statements have been prepared in accordance with U.S. generally accepted accounting principles for interim financial information and with the instructions to Form 10-Q and Rule 10-01 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by U.S. generally accepted accounting principles for complete financial statements. In the opinion of management, all adjustments, consisting of normal recurring accruals, considered necessary for a fair presentation have been included. Certain amounts in prior-period financial statements have been reclassified to conform to the current period's presentation. Such reclassifications have no effect on previously reported net income or shareholders' equity. Results for quarterly reporting periods beginning after December 31, 2020 in the Company's Form 10-Q will be presented under ASU 2016-13, *Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments*, while prior quarterly period amounts continue to be reported in accordance with previously applicable GAAP. For further information, refer to the audited consolidated financial statements and related footnotes included in Cass Information System, Inc.'s (the "Company" or "Cass") Annual Report on Form 10-K for the year ended December 31, 2020.

Risks and Uncertainties

On March 11, 2020, the World Health Organization ("WHO") declared the outbreak of COVID-19 as a global pandemic. The declaration of a global pandemic meant that almost all public commerce and related business activities was, to varying degrees, curtailed with the goal of decreasing the rate of new infections. In late fiscal 2020, vaccines for combatting COVID-19 were approved by health agencies and have been administered throughout the country. The timeline of full administration of the COVID-19 vaccines is uncertain and fluctuating, however has resulted in a significant amount of previous business and other restrictions being lifted. The ongoing impact of COVID-19, including the impact of restrictions imposed to combat its spread, could result in additional and prolonged business closures, work restrictions and activity restrictions.

The Company is closely monitoring developments related to COVID-19 checking regularly for updated information and recommendations from the WHO and the CDC, from national, state, and local governments, and evaluating courses of action being taken by peers. At this time, the Company remains subject to heightened business, operational, market, credit and other risks related to the COVID-19 pandemic, including, but not limited to, those discussed below, which may have an adverse effect on business, financial condition and results of operations.

Financial position and results of operations - The global health crisis caused by COVID-19 has and will continue to negatively impact business activity throughout the world. The COVID-19 outbreak and associated counter-acting measures implemented by governments around the world, as well as increased business uncertainty, have had, and continue to have, an adverse impact on the Company's financial results and are discussed in more detail below. Although many restrictions have been relaxed with some success, many states and localities are still experiencing moderate to high levels of COVID-19 cases, prompting continued restrictions and the need for additional aid and other forms of relief for affected individuals, businesses and other entities. When and if COVID-19 is demonstrably contained, the Company anticipates a rebound in economic activity; however, any such rebound is contingent upon the rate and effectiveness of the containment efforts deployed by federal, state, and local governments. In light of the evolving health, social, economic and business environment, governmental regulations or mandates, and business disruptions that have occurred and could continue to occur, the aggregate impact that COVID-19 could have on the Company's financial condition and operating results remains uncertain.

In response to COVID-19, the Federal Reserve has taken action to lower the Federal Funds rate, which has adversely affected interest income and therefore, the Company's results of operations and financial condition. The Federal Reserve has continued its commitment to this approach, indicating that the target Federal Funds rate would remain at current levels until the economy is in a more stable employment and price-stability position.

To the extent the business disruption continues for an extended period, additional cost control actions will be considered. Future asset impairment charges, increases in allowance for credit losses, or restructuring charges could be more likely and will be dependent on the severity and duration of this crisis and its effect on the Company's borrowers.

For payment processing services, business closures cause a decrease in the number of transactions and dollars processed due to the decline in customers' business activity. Other financial impact could occur though such potential impact is unknown at this time.

Capital and liquidity - While the Company believes that it has sufficient capital to withstand an extended economic recession brought about by COVID-19, its reported and regulatory capital ratios could be adversely impacted by future financial losses.

The Company maintains access to multiple sources of liquidity. If an extended recession caused large numbers of the Bank's customers to draw down deposits, the Company might become more reliant on more expensive sources of funding.

Asset valuation - Currently, the Company does not expect COVID-19 to affect its ability to fairly value the assets on its balance sheet; however, this could change in future periods. While certain valuation assumptions and judgments will change to account for pandemic-related circumstances such as widening credit spreads, the Company does not anticipate significant changes in methodology used to determine the fair value of assets measured in accordance with GAAP.

The economic slowdown as a result of COVID-19 could cause a decline in the Company's stock price or the occurrence of what management would deem to be a triggering event that could, under certain circumstances, necessitate a goodwill or intangible asset impairment test and result in an impairment charge being recorded for that period. In the event that the Company concludes that all or a portion of its goodwill is impaired, a non-cash charge for the amount of such impairment would be recorded to earnings. Such a charge would have no impact on tangible capital or regulatory capital.

Processes, controls and business continuity - In accord with its federally mandated Pandemic Plan and Business Continuity Plan, many Cass employees around the globe continue to work and conduct business remotely. Employees necessary to oversee certain business coordination activities or to conduct essential physical activities such as mail handling and scanning operations, remain in offices. In addition, employees are now being permitted to return to the offices on a voluntary basis. Employees are required to report any exposure or diagnosis and must adhere to the defined safety protocol to enter the offices.

In the past several years, Cass has invested in sophisticated technology initiatives that enable employees to operate remotely with full system(s) access along with unified and transparent voice and electronic communications capabilities, ensuring seamless service delivery. The Company cannot predict when or how it will fully lift the actions put in place as part of the Business Continuity Plan, including work from home requirements and travel restrictions. Cass does not believe the work from home protocol has materially adversely impacted internal controls, financial reporting systems, or operations.

Note 2 – Intangible Assets

The Company accounts for intangible assets in accordance with Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 350, *Goodwill and Other Intangible Assets* ("FASB ASC 350"), which requires that intangibles with indefinite useful lives be tested annually for impairment, or when management deems there is a triggering event, and those with finite useful lives be amortized over their useful lives.

Details of the Company's intangible assets are as follows:

		June 3	0, 2021	December	1 31, 2020	
	Gross					
		Carrying Accumulated		Carrying	Accumulated	
(In thousands)		Amount	Amortization	Amount	Amortization	
Assets eligible for amortization:						
Customer lists	\$	4,778	\$ (4,122)	\$ 4,778	\$ (3,902)	
Patents		72	(26)	72	(24)	
Software		2,844	(918)	2,844	(731)	
Trade Name		190	(17)	190	(13)	
Other		500	(308)	500	(291)	
Unamortized intangible assets:						
Goodwill		14,262	_	14,262	_	
Total intangible assets	\$	22,646	\$ (5,391)	\$ 22,646	\$ (4,961)	

The customer lists are amortized over 7 and 10 years; the patents over 18 years; software over 3 years and 7 years, the trade name over 20 years and other intangible assets over 15 years. Amortization of intangible assets amounted to \$429,000 for both for the six-month periods ended June 30, 2021 and 2020, respectively. Estimated amortization of intangibles is \$859,000 in 2021, \$540,000 in both 2022 and 2023, \$498,000 in 2024, and \$490,000 in 2025.

Note 3 – Earnings Per Share

Basic earnings per share is computed by dividing net income by the weighted-average number of common shares outstanding. Diluted earnings per share is computed by dividing net income by the sum of the weighted-average number of common shares outstanding and the weighted-average number of potential common shares outstanding. Under the treasury stock method, stock appreciation rights ("SARs") are dilutive when the average market price of the Company's common stock, combined with the effect of any unamortized compensation expense, exceeds the SAR price during a period.

The calculations of basic and diluted earnings per share are as follows:

(In thousands except share and per	Three Mont	ths End	ed	Six Months Ended					
share data)	 June	30,		June 30,					
	2021		2020	2	2021		2020		
Basic									
Net income	\$ 7,026	\$	5,439	\$	14,097	\$	12,984		
Weighted-average common shares outstanding	14,267,290		14,349,040		14,286,362		14,385,927		
Basic earnings per share	\$.49	\$.38	\$.99	\$.90		
Diluted									
Net income	\$ 7,026	\$	5,439	\$	14,097	\$	12,984		
Weighted-average common shares outstanding	14,267,290		14,349,040		14,286,362		14,385,927		
Effect of dilutive restricted stock and stock appreciation rights	243,192		196,159		239,906		201,930		
Weighted-average common shares outstanding assuming									
dilution	14,510,482		14,545,199		14,526,268		14,587,857		
Diluted earnings per share	\$.48	\$.37	\$.97	\$.89		

Note 4 – Stock Repurchases

The Company maintains a treasury stock buyback program pursuant to which the Board of Directors has authorized the repurchase of up to 500,000 shares of the Company's common stock. As restored by the Board of Directors in October 2020, the program provides that the Company may repurchase up to an aggregate of 500,000 shares of common stock and has no expiration date. As of June 30, 2021, 345,612 shares remained available for repurchase under the program. The Company repurchased 89,010 and zero shares during the three-month periods ended June 30, 2021 and 2020 and 120,266 and 128,779 shares for the six-month periods ended June 30, 2021 and 2020, respectively. Repurchases may be made in the open market or through negotiated transactions from time to time depending on market conditions.

Note 5 – Industry Segment Information

The services provided by the Company are classified into two reportable segments: Information Services and Banking Services. Each of these segments provides distinct services that are marketed through different channels. They are managed separately due to their unique service and processing requirements.

The Information Services segment provides transportation, energy, telecommunication, and environmental invoice processing and payment services to large corporations. The Banking Services segment provides banking services primarily to privately held businesses and faith-based ministries, including on-line generosity services, as well as supporting the banking needs of the Information Services segment.

The Company's accounting policies for segments are the same as those described in the summary of significant accounting policies in the Company's Annual Report on Form 10-K for the year ended December 31, 2020. Management evaluates segment performance based on tax-equivalized (as defined in the footnote to the chart on the following table) pre-tax income after allocations for corporate expenses. Transactions between segments are accounted for at what management believes to be fair value.

Substantially all revenue originates from, and all long-lived assets are located within the United States, and no revenue from any customer of any segment exceeds 10% of the Company's consolidated revenue.

Funding sources represent average balances and deposits generated by Information Services and Banking Services and there is no allocation methodology used. Segment interest income is a function of the relative share of average funding sources generated by each segment multiplied by the following rates:

- Information Services one or more fixed rates depending upon the specific characteristics of the funding source, and
- Banking Services a variable rate that is based upon the overall performance of the Company's earning assets.

Any difference between total segment interest income and overall total Company interest income is included in Corporate, Eliminations, and Other.

Summarized information about the Company's operations in each industry segment is as follows:

		formation		Banking	Corporate, Eliminations and Other		Total	
(In thousands)		Services		Services				
Three Months Ended June 30, 2021:	¢.	26.000	¢.	C12	¢ 277	¢	26.007	
Fee income	\$	26,098	3	612	·	\$	26,987	
Interest income*		5,884		6,563	(853)		11,594	
Interest expense				297	(600)		297	
Intersegment income (expense)				688	(688)			
Tax-equivalized pre-tax income*		6,404	_	3,432	(743)		9,093	
Goodwill		12,433		1,829	_		14,262	
Other intangible assets, net		532		2,461			2,993	
Total assets		1,062,536		1,215,799	(6,002)		2,272,333	
Average funding sources		905,983		860,956			1,766,939	
Three Months Ended June 30, 2020:								
Fee income	\$	22,460	\$	640		\$	23,174	
Interest income*		4,955		6,601	560		12,116	
Interest expense				481			481	
Intersegment income (expense)		_		556	(556)		_	
Tax-equivalized pre-tax income*		3,437		2,981	634		7,052	
Goodwill		12,433		1,829	_		14,262	
Other intangible assets, net		939		2,913	_		3,852	
Total assets		822,684		1,109,676	(103,376)		1,828,984	
Average funding sources		680,061		746,619	_		1,426,680	
Six Months Ended June 30, 2021:								
Fee income	\$	51,075	\$	1,250	\$ 837	\$	53,162	
Interest income*		11,393		12,314	(975)		22,732	
Interest expense		_		628	_		628	
Intersegment income (expense)		_		1,311	(1,311)		_	
Tax-equivalized pre-tax income*		12,417		6,194	461		18,150	
Goodwill		12,433		1,829	_		14,262	
Other intangible assets, net		532		2,461	_		2,993	
Total assets		1,062,536		1,215,799	(6,002)		2,272,333	
Average funding sources		872,106		855,099	_		1,727,205	
Six Months Ended June 30, 2020:								
Fee income	\$	47,900	\$	1,255	\$ 1,114	\$	50,269	
Interest income*		9,662		13,885	1,391		24,938	
Interest expense		_		1,446			1,446	
Intersegment income (expense)		_		1,081	(1,081)			
Tax-equivalized pre-tax income*		8,560		5,684	2,506		16,750	
Goodwill		12,433		1,829			14,262	
Other intangible assets, net		939		2,913	_		3,852	
Total assets		822,684		1,109,676	(103,376)		1,828,984	
Average funding sources		678,945		678,877	(200,570)		1,357,822	

^{*} Presented on a tax-equivalent basis assuming a tax rate of 21% for both 2021 and 2020. The tax-equivalent adjustment was approximately \$487,000 and \$474,000 f for the Second Quarter of 2021 and 2020, respectively, and \$949,000 and \$958,000 for the First Half of 2021 and 2020, respectively.

Note 6 – Loans by Type

A summary of loan categories is as follows:

(In thousands)		June 30, 2021	December 31, 2020		
Commercial and industrial	\$	330,714	\$	298,984	
Real estate:					
Commercial:					
Mortgage		103,878		100,419	
Construction		24,500		25,090	
Faith-based:					
Mortgage		331,235		333,661	
Construction		24,051		23,818	
Paycheck Protection Program ("PPP")		56,642		109,704	
Total loans	\$	871,020	\$	891,676	

In support of the Coronavirus, Aid, Relief, and Economic Security Act (the "CARES Act"), the Bank processed nearly 460 applications for PPP loans of approximately \$210,000,000 cumulatively during 2021 and 2020 to provide much-needed cash to small business and self-employed taxpayers during the COVID-19 crisis. The loans were primarily made to existing bank customers and are 100% guaranteed by the Small Business Administration ("SBA") with no allowance for credit loss allocation. The Company has unaccreted PPP loan fees of \$1,312,000 at June 30, 2021.

The following table presents the aging of loans past due by category at June 30, 2021 and December 31, 2020:

			Pe	erforming		Nonperfo	rming	
(In thousands)	(Current		30-59 Days	60-89 Days	90 Days and Over	Non- accrual	Total Loans
June 30, 2021								
Commercial and industrial	\$	330,714	\$		\$ — \$		<u> </u>	330,714
Real estate Commercial:								
Mortgage		103,878		_	_	_	_	103,878
Construction		24,500					_	24,500
Faith-based:								
Mortgage		331,235			_	_	_	331,235
Construction		24,051		_	_	_	_	24,051
PPP		56,642			_	_	_	56,642
Total	\$	871,020	\$		\$ — \$	<u> </u>	<u> </u>	871,020
December 31, 2020								
Commercial and industrial	\$	298,984	\$	_	\$ — \$	— \$	- \$	298,984
Real estate								
Commercial:								
Mortgage		100,419		_		_		100,419
Construction		25,090		_	_	_	_	25,090
Faith-based:								
Mortgage		333,661		_	_	_	_	333,661
Construction		23,818		_		_		23,818
PPP		109,704						109,704
Total	\$	891,676	\$		\$ — \$	— \$	<u> </u>	891,676

The following table presents the credit exposure of the loan portfolio by internally assigned credit grade as of June 30, 2021 and December 31, 2020:

	Loans Subject to Normal		Performing Loans Subject to Special	to Special		
(In thousands)	Monitoring ¹		Monitoring ²	Monitoring ²	Tota	l Loans
June 30, 2021						
Commercial and industrial	\$	319,477	\$ 11,237	\$ —	\$	330,714
Real estate						
Commercial:						
Mortgage		103,637	241	_		103,878
Construction		24,500	_	_		24,500
Faith-based:						
Mortgage		328,236	2,999	_		331,235
Construction		24,051	_	_		24,051
PPP		56,642	_	_		56,642
Total	\$	856,543	\$ 14,477	\$ —	\$	871,020
December 31, 2020						
Commercial and industrial	\$	284,882	\$ 14,102	\$ —	\$	298,984
Real estate						
Commercial:						
Mortgage		99,044	1,375	_		100,419
Construction		25,090	_	_		25,090
Faith-based:						
Mortgage		330,554	3,107	_		333,661
Construction		23,818	_	_		23,818
PPP		109,704	_	_		109,704
Total	\$	873,092	\$ 18,584	\$	\$	891,676

¹ Loans subject to normal monitoring involve borrowers of acceptable-to-strong credit quality and risk, who have the apparent ability to satisfy their loan obligations.

The company had no impaired loans as of June 30, 2021. The Company had one loan considered impaired in the amount of \$2,500,000 at December 31, 2020 that was individually evaluated for impairment, resulting in a specific allowance for credit loss of \$500,000 at December 31, 2020. Due to improvement in borrower conditions, this loan was no longer considered impaired at June 30, 2021.

There were no foreclosed loans recorded as other real estate owned (included in other assets) as of June 30, 2021 or December 31, 2020.

There were no loans considered troubled debt restructurings as of June 30, 2021. There were two loans that were considered troubled debt restructurings at December 31, 2020 and these loans were removed from troubled debt restructuring status during the first quarter of 2021.

The recorded investment by category for loans considered as troubled debt restructuring during the year ended December 31, 2020 is as follows:

		Pre- Modification	Post- Modification
	Number of	Outstanding	Outstanding
(In thousands)	Loans	Balance	Balance
Commercial and industrial	1	\$ 8,773	\$ 8,773
Faith-based real estate	1	1,029	1,029
Total	2	\$ 9,802	\$ 9,802

During the year ended December 31, 2020, two loans were restructured to change the amortization schedule to reduce payments from the borrowers while the contractual interest rate remained unchanged. These loans did not have a specific allowance for credit loss allocated to them at December 31, 2020. There were no loans restructured that subsequently defaulted during the year ended December 31, 2020.

² Loans subject to special monitoring possess some credit deficiency or potential weakness which requires a high level of management attention.

A summary of the activity in allowance for credit losses ("ACL") by category for the period ended June 30, 2021 and December 31, 2020 is as follows:

	Faith-based Faith-based							
(In thousands)		C&I	CRE	CRE	Construction	Total		
Allowance for credit losses on loans:								
Balance at December 31, 2020	\$	4,635 \$	1,175 \$	5,717	\$ 417 \$	11,944		
Charge Offs		_	_	_	_	_		
(Release of) provision for credit losses		(509)	(54)	(199)	(28)	(\$790)		
Recoveries		2	_	15	_	17		
Balance at June 30, 2021	\$	4,128 \$	1,121 \$	5,533	\$ 389 \$	11,171		

The release of provision for credit losses during the six months ended June 30, 2021 is primarily due to improved economic conditions and the removal of specific allowance for credit loss allocations on impaired loans.

	Faith-based							
(In thousands)		C&I	CRE	CF	RE	Construction	Total	
Allowance for credit losses on loans:								
Balance at December 31, 2019	\$	4,874 \$	1,528	\$	3,842	\$ 312	\$ 10,556	
Cumulative effect of accounting change (ASU 2016-								
13)		(526)	(401)		1,636	14	723	
Balance at January 1, 2020		4,348	1,127		5,478	326	11,279	
Provision for credit losses		268	48		238	91	645	
Recoveries		19	_		1	_	20	
Balance at December 31, 2020	\$	4,635 \$	1,175	\$	5,717	\$ 417	\$ 11,944	

The provision for credit losses during the year ended December 31, 2020 was due to the Company's forecast of macroeconomic factors, which worsened during 2020, primarily due to the COVID-19 pandemic.

Note 7 – Commitments and Contingencies

In the normal course of business, the Company is party to activities that contain credit, market and operational risks that are not reflected in whole or in part in the Company's consolidated financial statements. Such activities include traditional off-balance sheet credit-related financial instruments and commitments under operating leases. These financial instruments include commitments to extend credit, commercial letters of credit and standby letters of credit. The Company's maximum potential exposure to credit loss in the event of nonperformance by the other party to the financial instrument for commitments to extend credit, commercial letters of credit and standby letters of credit is represented by the contractual amounts of those instruments. A release of credit losses of \$420,000 was recorded during the six months ended June 30, 2021 due to lower line of credit usage. An allowance for unfunded commitments of \$147,000 and \$567,000 had been recorded at June 30, 2021 and December 31, 2020, respectively.

Commitments to extend credit are agreements to lend to a customer as long as there is no violation of any condition established in the contract. Commercial and standby letters of credit are conditional commitments issued by the Company or its subsidiaries to guarantee the performance of a customer to a third party. These off-balance sheet financial instruments generally have fixed expiration dates or other termination clauses and may require payment of a fee. At June 30, 2021, the balance of unused loan commitments, standby and commercial letters of credit were \$194,669,000, \$11,932,000, and \$521,000, respectively. Since some of the financial instruments may expire without being drawn upon, the total amounts do not necessarily represent future cash requirements. Commitments to extend credit and letters of credit are subject to the same underwriting standards as those financial instruments included on the consolidated balance sheets. The Company evaluates each customer's credit worthiness on a case-by-case basis. The amount of collateral obtained, if deemed necessary upon extension of the credit, is based on management's credit evaluation of the borrower. Collateral held varies, but is generally accounts receivable, inventory, residential or income-producing commercial property or equipment. In the event of nonperformance, the Company or its subsidiaries may obtain and liquidate the collateral to recover amounts paid under guarantees on these financial instruments.

The following table summarizes contractual cash obligations of the Company related to time deposits at June 30, 2021:

	 Amount of Commitment Expiration per Period								
		Less than	1-3	3-5	Over 5				
(In thousands)	Total	1 Year	Years	Years	Years				
Time deposits	\$ 51,442	\$ 36,441	\$ 14,938 \$	63 \$	_				

The Company and its subsidiaries are involved in various pending legal actions and proceedings in which claims for damages are asserted. Management, after discussion with legal counsel, believes the ultimate resolution of these legal actions and proceedings will not have a material effect upon the Company's consolidated financial position or results of operations.

Note 8 - Stock-Based Compensation

The Amended and Restated Omnibus Stock and Performance Compensation Plan (the "Omnibus Plan") permits the issuance of up to 1,500,000 shares of the Company's common stock in the form of stock options, SARs, restricted stock, restricted stock units and performance awards. The Company may issue shares out of treasury stock for these awards. During the six months ended June 30, 2021, 49,406 restricted shares, 29,688 performance-based restricted shares, and no SARs were granted under the Omnibus Plan. Stock-based compensation expense for the three months ended June 30, 2021 and 2020 was \$826,000 and \$756,000, respectively, and \$1,519,000 and \$1,478,000 for the six months ended June 30, 2021 and 2020, respectively.

Restricted Stock

Bal

Restricted shares granted to Company employees are amortized to expense over the three-year cliff vesting period. Restricted shares granted to members of the Board of Directors are amortized to expense over a one-year service period, with the exception of those shares granted in lieu of cash payments for retainer fees which are expensed in the period earned.

As of June 30, 2021, the total unrecognized compensation expense related to non-vested restricted shares was \$2,638,000, and the related weighted-average period over which it is expected to be recognized is approximately .85 years.

Six Months Ended

Six Months Ended

44 99

162 823

Following is a summary of the activity of the restricted stock:

	June 30	June 30, 2021			
	Shares		Fair Value		
alance at December 31, 2020	136,167	\$	46.78		
ranted	49,406		41.54		
ested	(22,750)		47.97		

Performance-Based Restricted Stock

Balance at June 30, 2021

The Company has granted three-year performance based restricted stock ("PBRS") awards which are contingent upon the Company's achievement of preestablished financial goals over a three-year cliff vest period. The number of shares issued ranges from 0% to 150% of the target opportunity based on the actual achievement of financial goals for the three-year performance period.

Following is a summary of the activity of the PBRS, based on target value:

	June 3	June 30, 2021				
	Shares		Fair Value			
Balance at December 31, 2020	98,410	\$	50.64			
Granted	52,240		40.74			
Vested	(31,451)		48.63			
Balance at June 30, 2021	119.199	\$	46 79			

The PBRS that vested during the six months ended June 30, 2021 achieved financial goals of 94.4%, resulting in the issuance of 29,688 shares of common stock. The outstanding PBRS at June 30, 2021 will vest at scheduled vesting dates and the actual number of shares of common stock issued will range from 0% to 150% of the target opportunity based on the actual achievement of financial goals for the respective three-year performance period.

SARs

There were no SARs granted and no expense recognized during the six months ended June 30, 2021. Following is a summary of the activity of the Company's SARs program for the six-month period ended June 30, 2021:

	Shares	Weigl Avei Exei Shares Pri		e Remaining		gregate itrinsic Value housands)
Balance at December 31, 2020	144,999	\$	32.99	1.95	\$	1,095
Exercised	(20,560)		24.12			
Forfeited	(2,088)		31.92	_		_
Exercisable at June 30, 2021	122,351	\$	34.50	1.67	\$	1,228

There were no non-vested SARs at June 30, 2021.

Note 9 – Defined Pension Plans

The Company has a noncontributory defined-benefit pension plan (the "Plan"), which covers eligible employees. Effective December 31, 2016, the Plan was closed to all new participants. Additionally, the Plan's benefits were frozen for all remaining participants as of February 28, 2021. The Company accrues and makes contributions designed to fund normal service costs on a current basis using the projected unit credit with service proration method to amortize prior service costs arising from improvements in pension benefits and qualifying service prior to the establishment of the plan over a period of approximately 30 years. Disclosure information is based on a measurement date of December 31 of the corresponding year. The following table represents the components of the net periodic pension costs:

	Es	stimated	Actual
(In thousands)		2021	2020
Service cost – benefits earned during the year	\$	963 \$	4,329
Interest cost on projected benefit obligations		3,069	3,908
Expected return on plan assets		(6,299)	(6,049)
Net amortization		360	1,946
Net periodic pension (benefit) cost	\$	(1,907) \$	4,134

The Company recorded a net periodic benefit of \$691,000 and \$418,000 for the three and six month periods ended June 30, 2021, respectively as compared to net periodic pension cost of \$1,027,000 and \$2,056,000 for the three and six month periods ended June 30, 2020, respectively. Pension costs decreased in 2021 due to the Plan being frozen as of February 28, 2021. The Company has not made a contribution to the plan during the six-month period ended June 30, 2021 and is evaluating the amount of additional contributions, if any, in the remainder of 2021.

In addition to the above funded benefit plan, the Company has an unfunded supplemental executive retirement plan which covers key executives of the Company. This is a noncontributory plan in which the Company and its subsidiaries make accruals designed to fund normal service costs on a current basis using the same method and criteria as its defined benefit plan. The following table represents the components of the net periodic pension costs for 2020 and an estimate for 2021:

	Estimated		Actual
(In thousands)	2	021	2020
Service cost – benefits earned during the year	\$	147 \$	121
Interest cost on projected benefit obligation		291	347
Net amortization		203	112
Net periodic pension cost	\$	641 \$	580

Supplemental executive retirement plan costs recorded to expense were \$161,000 and \$145,000 for the three-month periods ended June 30, 2021 and 2020, respectively. Supplemental executive retirement plan costs recorded to expense were \$321,000 and \$290,000 for the six-month periods ended June 30, 2021 and 2020, respectively.

Note 10 – Income Taxes

The effective tax rate was 18.4% and 17.3% for the three-month periods ended June 30, 2021 and 2020, respectively, and 18.0% and 17.8% for the six-month periods ended June 30, 2021 and 2020, respectively. The effective tax rate for all periods differs from the statutory rate of 21% primarily due to the tax-exempt interest received from municipal bonds.

Note 11 – Investment in Securities

Investment securities available-for-sale are recorded at fair value on a recurring basis. The Company's investment securities available-for-sale are measured at fair value using Level 2 valuations. The market evaluation utilizes several sources which include "observable inputs" rather than "significant unobservable inputs" and therefore fall into the Level 2 category. The amortized cost, gross unrealized gains, gross unrealized losses and fair value of investment securities are summarized as follows:

		June 30, 2021							
	Amortized	Gross Unrealized	Gross Unrealized	Fair					
(In thousands)		Cost	Gains	Losses	Value				
State and political subdivisions	\$	335,739	\$ 16,004	\$ 48	\$ 351,695				
U.S. government agencies		90,756	601	424	90,933				
Corporate Bonds		63,567	852	_	64,419				
Total	\$	490,062	\$ 17,457	\$ 472	\$ 507,047				

	December 31, 2020																				
	Amortized		Amortized		Amortized		Amortized		Amortized		Amortized		Amortized		Amortized		Gross ized Unrealized		τ	Gross Inrealized	_
(In thousands)		Cost		Gains		Losses	Fair Value														
State and political subdivisions	\$	287,059	\$	18,915	\$	_	\$ 305,974														
U.S. government agencies		50,988		764		_	51,752														
Total	\$	338,047	\$	19,679	\$	_	\$ 357,726														

The fair values of securities with unrealized losses are as follows:

						June 30,	, 2021					
	Less than 12 months					12 months		Total				
	Es	timated	Ţ	J nrealized	F	Stimated	Unrealize	d	Esti	mated	U	nrealized
(In thousands)	Fa	ir Value		Losses	F	air Value	Losses		Fair	Value		Losses
State and political subdivisions	\$	8,184	\$	48	\$	_	\$	_	\$	8,184	\$	48
U.S. government agencies		59,998		424		_		_		59,998		424
Total	\$	68,182	\$	472	\$	_	\$	_	\$	68,182	\$	472

There were 15 securities, or 5%, (0 greater than 12 months) in an unrealized loss position as of June 30, 2021. There were no securities in an unrealized loss position as of December 31, 2020.

The amortized cost and fair value of investment securities by contractual maturity are shown in the following table. Expected maturities may differ from contractual maturities because borrowers have the right to prepay obligations with or without prepayment penalties.

	June 30							
(In thousands)	Amo	rtized Cost	Fair Value					
Due in 1 year or less	\$	58,144 \$	58,412					
Due after 1 year through 5 years		95,443	100,135					
Due after 5 years through 10 years		216,180	227,682					
Due after 10 years		120,295	120,818					
Total	\$	490,062 \$	507,047					

Proceeds from sales of investment securities classified as available-for-sale were \$10,125,000 and \$0 for the three months ended June 30, 2021 and 2020, respectively, and were \$13,116,000 and \$19,629,000 for the six months ended June 30, 2021 and 2020, respectively. Gross realized losses were \$3,000 and \$0 for the three months ended June 30, 2021 and 2020, respectively. Gross realized gains were \$45,000 and \$1,069,000 for the six months ended June 30, 2021 and 2020, respectively. There were no securities pledged to secure public deposits and for other purposes at June 30, 2021.

Note 12 – Fair Value of Financial Instruments

Following is a summary of the carrying amounts and fair values of the Company's financial instruments:

	June 30, 2021 Carrying					December	131	31, 2020	
					С	Carrying			
(In thousands)		Amount	F	air Value	Α	Amount	Fa	air Value	
Balance sheet assets:									
Cash and cash equivalents	\$	621,581	\$	621,581	\$	670,528	\$	670,528	
Investment securities		507,047		507,047		357,726		357,726	
Loans, net		859,849		861,911		879,732		883,461	
Accrued interest receivable		6,802		6,802		6,850		6,850	
Total	\$	1,995,279	\$	1,997,341	\$	1,914,836	\$	1,918,565	
Balance sheet liabilities:									
Deposits	\$	1,015,943	\$	1,015,943	\$	1,050,856	\$	1,050,856	
Accounts and drafts payable		939,570		939,570		835,386		835,386	
Accrued interest payable		58		58		38		38	
Total	\$	1,955,571	\$	1,955,571	\$	1,886,280	\$	1,886,280	

The following methods and assumptions were used to estimate the fair value of each class of financial instruments for which it is practicable to estimate that value:

Cash and Cash Equivalents - The carrying amount approximates fair value.

Investment in Securities - The fair value is measured on a recurring basis using Level 2 valuations. Refer to Note 11, "Investment in Securities," for fair value and unrealized gains and losses by investment type.

Loans - The fair value is estimated using present values of future cash flows discounted at risk-adjusted interest rates for each loan category designated by management and is therefore a Level 3 valuation. Management believes that the risk factor embedded in the interest rates along with the allowance for loan losses result in a fair valuation.

Accrued Interest Receivable - The carrying amount approximates fair value.

Deposits - The fair value of demand deposits, savings deposits and certain money market deposits is the amount payable on demand at the reporting date. The fair value of fixed-maturity certificates of deposit is estimated using the rates currently offered for deposits of similar remaining maturities and therefore, is a Level 2 valuation. The fair value estimates above do not include the benefit that results from the low-cost funding provided by the deposit liabilities compared to the cost of borrowing funds in the market or the benefit derived from the customer relationship inherent in existing deposits.

Accounts and Drafts Payable - The carrying amount approximates fair value.

Accrued Interest - The carrying amount approximates fair value.

No financial instruments are measured using Level 3 inputs for the three months ended June 30, 2021 and 2020.

Note 13 – Revenue from Contracts with Customers

Revenue is recognized as the obligation to the customer is satisfied. The following is detail of the Company's revenue from contracts with clients.

Invoice processing fees — The Company earns fees on a per-item or monthly basis for the invoice processing services rendered on behalf of customers. Per-item fees are recognized at the point in time when the performance obligation is satisfied. Monthly fees are earned over the course of a month, representing the period over which the performance obligation is satisfied. The contracts have no significant impact of variable consideration and no significant financing components.

Invoice payment fees – The Company earns fees on a transaction level basis for invoice payment services when making customer payments. Fees are recognized at the point in time when the payment transactions are made, which is when the performance obligation is satisfied. The contracts have no significant impact of variable consideration and no significant financing components.

Bank service fees — Revenue from service fees consists of service charges and fees on deposit accounts under depository agreements with customers to provide access to deposited funds. Service charges on deposit accounts are transaction based fees that are recognized at the point in time when the performance obligation is satisfied. Service charges are recognized on a monthly basis representing the period over which the performance obligation is satisfied. The contracts have no significant impact of variable consideration and no significant financing components.

	For the Three Months Ended June 30,				 For the Siz Ended J			
(In thousands)		2021		2020	2021		2020	
Fee revenue and other income								
In-scope of FASB ASC 606								
Invoice processing fees	\$	19,753	\$	17,923	\$ 38,817	\$	37,047	
Invoice payment fees		6,595		4,738	 12,747		11,117	
Information services payment and processing revenue		26,348		22,661	51,564		48,164	
Bank service fees		530		398	 1,024		808	
Fee revenue (in-scope of FASB ASC 606)		26,878		23,059	52,588		48,972	
Other income (out-of-scope of FASB ASC 606)		109		115	 574		1,297	
Total fee revenue and other income		26,987		23,174	53,162		50,269	

Note 14 - Leases

The Company leases certain premises under operating leases. As of June 30, 2021, the Company had lease liabilities of \$5,429,000 and right-of-use assets of \$4,912,000. Lease liabilities and right-of-use assets are reflected in other liabilities and other assets, respectively. Presented within occupancy expense on the Consolidated Statements of Income for the three months ended June 30, 2021, operating lease cost was \$415,000, short-term lease cost was \$61,000, and there was no variable lease cost. For the six months ended June 30, 2021, operating lease cost was \$835,000, short-term lease cost was \$91,000, and there was no variable lease cost. At June 30, 2021, the weighted average remaining lease term for the operating leases was 6.1 years and the weighted average discount rate used in the measurement of operating lease liabilities was 5.5%. Certain of the Company's leases contain options to renew the lease; however, these renewal options are not included in the calculation of the lease liabilities as they are not reasonably certain to be exercised. There has been no significant changes in the Company's expected future minimum lease payments since December 31, 2020. See the Company's 2020 Annual Report on Form 10-K for information regarding these commitments.

A maturity analysis of operating lease liabilities and undiscounted cash flows as of June 30, 2021 is as follows:

(In thousands)	June 30, 2021
Lease payments due	
Less than 1 year	\$ 1,695
1-2 years	1,351
2-3 years	532
3-4 years	509
4-5 years	519
Over 5 years	1,760
Total undiscounted cash flows	6,366
Discount on cash flows	937
Total lease liability	\$ 5,429

There were no sale and leaseback transactions, leveraged leases, or lease transactions with related parties during the six months ended June 30, 2021. At June 30, 2021, the Company had one lease that had not yet commenced, creating approximately \$200,000 of additional lease liabilities and right-of-use assets for the Company. This lease will commence in July 2021.

Note 15 – Subsequent Events

In accordance with FASB ASC 855, *Subsequent Events*, the Company has evaluated subsequent events after the consolidated balance sheet date of June 30, 2021. There were no events identified that would require additional disclosures to prevent the Company's unaudited consolidated financial statements from being misleading.

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

Impact of COVID-19 on the Company's Business

During the year ended December 31, 2020 and six months ended June 30, 2021, the effects of COVID-19 and related actions to attempt to control its spread significantly impacted the global economy and adversely affected the Company's operating results in both the Information Services and Banking Services segments.

With the spread of COVID-19 to the U.S. in the first quarter of 2020, many state and local governments recommended or mandated limitations on crowd size, closures of businesses and shelter-in-place orders in order to slow the transmission. The extent and nature of government actions varied during fiscal year 2020 and the first half of 2021 based upon the then-current extent and severity of the COVID-19 pandemic within the respective localities. Severe business disruptions, resulting constrictions in the manufacturing sector for most of the year, decreased oil demand and prices and general economic uncertainty, significantly and adversely impacted the Company's customers' business operations and had a corresponding negative affect on the Company's revenue generation in each sector of the Company's Information Services segment.

The Federal Reserve also took action to lower the Federal Funds rate in connection with COVID-19 relief, adversely affecting the Company's net interest income and operating results tied to Banking Services. The Federal Reserve has indicated that it will retain the current low level interest rates until the economy has stabilized.

Bank regulatory agencies and various governmental authorities are urging financial institutions to work prudently with borrowers who are or may be unable to meet their contractual payment obligations because of the effects of COVID-19. Accordingly, and in coordination with its primary regulators, the Company deferred borrower principal payments on loans during 2020, on an as needed basis, for periods of up to six months. There were no borrowers remaining on deferred terms at June 30, 2021.

In response to COVID-19, the CARES Act was adopted on March 27, 2020. The CARES Act provided for an estimated \$2.2 trillion to fight the COVID-19 pandemic and stimulate the economy by supporting individuals and businesses through loans, grants, tax changes, and other types of relief. Among other things, the CARES Act established the Paycheck Protection Program ("PPP"), which allowed entities to apply for low-interest private loans to fund payroll and other costs which, subject to certain conditions and qualifications, are partially or fully forgivable. In support of the CARES Act, the Bank processed nearly 350 applications for PPP loans of approximately \$170,000,000 during the year ended December 31, 2020 and an additional 110 applications for approximately \$40,000,000 during the six months ended June 30, 2021 to provide much-needed cash to small business and self-employed taxpayers during the COVID-19 crisis. The loans were primarily made to existing bank customers and are 100% guaranteed by the SBA.

The Company remains committed to creating a safe and healthy environment for employees while offering assurance that it remains a financially strong service provider possessing the resources necessary to weather this pandemic in support of its valued customers.

In late fiscal 2020, vaccines for combatting COVID-19 were approved by health agencies and have been administered throughout the country. The timeline of full administration of the COVID-19 vaccines is uncertain and fluctuating, however has resulted in a significant amount of previous business and other restrictions being lifted. The ongoing impact of COVID-19, including the impact of restrictions imposed to combat its spread, could result in additional and prolonged business closures, work restrictions and activity restrictions. Given these and other uncertainties discussed throughout this report, the Company remains subject to heightened risk, and the aggregate impact that COVID-19 could have on the Company's financial condition and operating results is presently unknown.

For further discussion on COVID-19, refer to Note 1 "Basis of Presentation."

Overview

Cass provides payment and information processing services to large manufacturing, distribution and retail enterprises from its offices/locations in St. Louis, Missouri, Columbus, Ohio, Greenville, South Carolina, Wellington, Kansas, Jacksonville, Florida, Breda, Netherlands, Basingstoke, United Kingdom, and Singapore. The Company's services include freight invoice rating, payment processing, auditing, and the generation of accounting and transportation information. Cass also processes and pays energy invoices, which include electricity and gas as

well as waste and telecommunications expenses, and is a provider of telecom expense management solutions. Cass solutions include a B2B payment platform for clients that require an agile fintech partner. Additionally, the Company offers an on-line platform to provide generosity services for faith-based and non-profit organizations. The Company's bank subsidiary, the "Bank," supports the Company's payment operations. The Bank also provides banking services to its target markets, which include privately-owned businesses and faith-based ministries in the St. Louis metropolitan area as well as other selected cities in the United States.

The specific payment and information processing services provided to each customer are developed individually to meet each customer's requirements, which can vary greatly. In addition, the degree of automation such as electronic data interchange, imaging, work flow, and web-based solutions varies greatly among customers and industries. These factors combine so that pricing varies greatly among the customer base. In general, however, Cass is compensated for its processing services through service fees and investment of account balances generated during the payment process. The amount, type, and calculation of service fees vary greatly by service offering, but generally follow the volume of transactions processed. Interest income from the balances generated during the payment processing cycle is affected by the amount of time Cass holds the funds prior to payment and the dollar volume processed. Both the number of transactions processed and the dollar volume processed are therefore key metrics followed by management. Other factors will also influence revenue and profitability, such as changes in the general level of interest rates, which have a significant effect on net interest income. The funds generated by these processing activities are invested in overnight investments, investment grade securities, advances to payees, and loans generated by the Bank. The Bank earns most of its revenue from net interest income, or the difference between the interest earned on its loans and investments and the interest paid on its deposits and other borrowings. The Bank also assesses fees on other services such as cash management services.

Industry-wide factors that impact the Company include the willingness of large corporations to outsource key business functions such as freight, energy, telecommunication and environmental payment and audit. The benefits that can be achieved by outsourcing transaction processing, and the management information generated by Cass' systems can be influenced by factors such as the competitive pressures within industries to improve profitability, the general level of transportation costs, deregulation of energy costs, and consolidation of telecommunication providers. Economic factors that impact the Company include the general level of economic activity that can affect the volume and size of invoices processed, the ability to hire and retain qualified staff, and the growth and quality of the loan portfolio. The general level of interest rates also has a significant effect on the revenue of the Company. As discussed in greater detail in Item 7A, "Quantitative and Qualitative Disclosures about Market Risk" in the Company's 2020 Annual Report on Form 10-K, a decline in the general level of interest rates can have a negative impact on net interest income and conversely, a rise in the general level of interest rates can have a positive impact on net interest income. The cost of fuel is another factor that has a significant impact on the transportation sector. As the price of fuel goes up or down, the Company's earnings increase or decrease with the dollar amount of transportation invoices.

Currently, management views Cass' major opportunity as the continued expansion of its payment and information processing service offerings and customer base. Management intends to accomplish this by maintaining the Company's leadership position in applied technology, which when combined with the security and processing controls of the Bank, makes Cass unique in the industry.

Critical Accounting Policies

The Company has prepared the consolidated financial statements in this report in accordance with the Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC"). In preparing the consolidated financial statements, management makes estimates and assumptions that affect the reported amount of assets and liabilities, disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenue and expenses during the reporting period. These estimates have been generally accurate in the past, have been consistent and have not required any material changes. There can be no assurances that actual results will not differ from those estimates. The accounting policy that requires significant management estimates and is deemed critical to the Company's results of operations or financial position has been discussed with the Audit Committee of the Board of Directors and is described below.

Allowance for Credit Losses. The Company performs periodic and systematic detailed reviews of its loan portfolio to determine management's estimate of the lifetime expected credit losses. Although these estimates are based on established methodologies for determining allowance requirements, actual results can differ significantly from estimated results. These policies affect both segments of the Company. The impact and associated risks related to these policies on the Company's business operations are discussed in the "Provision and Allowance for Credit Losses and Allowance for Unfunded Commitments" section of this report.

Results of Operations

The following paragraphs more fully discuss the results of operations and changes in financial condition for the three-month period ended June 30, 2021 ("Second Quarter of 2021") compared to the three-month period ended June 30, 2020 ("Second Quarter of 2020") and the six-month period ended June 30, 2021 ("First Half of 2021") compared to the six-month period ended June 30, 2020 ("First Half of 2020"). The following discussion and analysis should be read in conjunction with the unaudited consolidated financial statements and related notes and with the statistical information and financial data appearing in this report, as well as in the Company's 2020 Annual Report on Form 10-K. Results of operations for the Second Quarter and First Half of 2021 are not necessarily indicative of the results to be attained for any other period.

Net Income

The following table summarizes the Company's operating results:

	 Se	cond Qu	ıarter of		 F	irst Ha	ılf of	
				%				%
(In thousands except per share data)	2021		2020	Change	2021	2	020	Change
Net income	\$ 7,026	\$	5,439	29.2%	\$ 14,097	\$	12,984	8.6%
Diluted earnings per share	\$.48	\$.37	29.7%	\$.97	\$.89	9.0%
Return on average assets	1.24%		1.16%		1.27%		1.43%	_
Return on average equity	10.83%		9.04%	_	10.96%		10.77%	-

Fee Revenue and Other Income

The Company's fee revenue is derived mainly from transportation and facility payment and processing fees. As the Company provides its processing and payment services, it is compensated by service fees which are typically calculated on a per-item basis and by the accounts and drafts payable balances generated in the payment process which can be used to generate interest income. Processing volumes, fee revenue and other income were as follows:

	 Secoi	ıd Qı	iarter of				First	Halt of	
				%	· ·				%
(In thousands)	2021		2020	Change		2021		2020	Change
Transportation invoice volume	9,461		7,294	29.7%		18,248		15,574	17.2%
Transportation invoice dollar volume	\$ 8,940,889	\$	5,697,627	56.9%	\$	16,845,528	\$	12,164,678	38.5%
Facility-related transaction volume*	6,827		6,704	1.8%		13,823		13,213	4.6%
Facility-related dollar volume*	\$ 3,657,965	\$	3,064,038	19.4%	\$	7,375,393	\$	6,522,684	13.1%
Payment and processing revenue	\$ 26,348	\$	22,661	16.3%	\$	51,564	\$	48,164	7.1%

^{*}Includes energy, telecom and environmental

Second Quarter of 2021 compared to Second Quarter of 2020:

Payment and processing fee revenue increased 16%. Transportation volumes for invoices and dollars increased 30% and 57%, respectively. The increases were driven by the stronger performance of the manufacturing sector in addition to new customer wins. A factor contributing to the dramatic increase in dollar volume was scarcity in carrier supply, which drove prices higher. Facility-related invoice and dollar volume increased 2% and 19%, respectively, with the increases attributable, in part, to new business wins in the telecom division. Dollar volumes also improved due to significantly fewer pandemic-related restrictions in the restaurant, retail and hospitality sectors, creating higher utility usage.

First Half of 2021 compared to First Half of 2020:

Payment and processing revenue increased 7% for the same reasons as the Second Quarter. Transportation invoice and dollar volumes, as well as expense management transaction and dollar volumes, fluctuated for the same reasons as the Second Quarter.

Net Interest Income

Net interest income is the difference between interest earned on loans, investments, and other earning assets and interest expense on deposits and other interest-bearing liabilities. Net interest income is a significant source of the Company's revenues. The following table summarizes the changes in tax-equivalent net interest income and related factors:

	Sec	ond Quarter of			First Half of	
			%			%
(In thousands)	2021	2020	Change	2021	2020	Change
Average earnings assets	\$1,968,646	\$1,624,415	21.2%	\$1,930,234	\$1,556,144	24.0%
Average interest-bearing liabilities	596,744	478,370	24.7%	574,947	443,873	29.5%
Net interest income*	11,298	11,635	(2.9)%	22,105	23,492	(5.9)%
Net interest margin*	2.30%	2.88%		2.31%	3.04%	
Yield on earning assets*	2.36%	3.00%		2.37%	3.22%	
Rate on interest-bearing liabilities	.20%	.40%		.22%	.66%	

^{*}Presented on a tax-equivalent basis assuming a tax rate of 21% for both 2021 and 2020.

Second Quarter of 2021 compared to Second Quarter of 2020:

Second Quarter of 2021 average earning assets increased \$344,231,000, or 21.2%, compared to the same period in the prior year. Average federal funds sold increased \$158,554,000, or 956.9%, interest-bearing deposits in other financial institutions increased \$146,188,000, or 53.5%, and average investment securities increased \$102,243,000, or 27.6%. Average loans decreased \$62,441,000 as a significant amount of the PPP loans originated in 2020 were forgiven by the SBA in 2021. The overall increase in average interest-earning asset balances was funded by a significant increase in deposits and accounts and drafts payable driven by government stimulus programs, higher payments processing volumes and organic growth.

Average accounts and drafts payable increased \$206,440,000, or 27.8% for the Second Quarter of 2021 and average interest-bearing liabilities increased \$118,374,000, or 24.7%, compared to the Second Quarter of 2020.

Second Quarter of 2021 tax-equivalized net interest income decreased \$337,000, or 2.9%, compared to the same period in the prior year. While average interest-earning assets were up 21.2%, the Company's net interest margin declined 58 basis points from 2.88% to 2.30%, reflecting the negative impact of the historically low short-term interest rate environment.

First Half of 2021 compared to First Half of 2020:

First Half of 2021 average earning assets increased \$374,090,000, or 24.0%, compared to the same period in the prior year. Average interest-bearing deposits in other financial institutions increased \$298,391,000, or 147.8%, and average federal funds sold and other short-term investments increased \$25,810,000, or 28.5% for the First Half of 2021 compared to the First Half of 2020. These variances were driven by the same factors as the Second Quarter.

Average accounts and draft payable increased \$168,547,000, or 22.3%, and average interest-bearing liabilities increased \$131,074,000, or 29.5% for the First Half of 2021 compared to the First Half of 2020.

First Half of 2021 tax-equivalized net interest income decreased \$1,387,000, or 5.9%, compared to the same period in the prior year. While average interest-earning assets were up 24.0%, the Company's net interest margin declined 73 basis points from 3.04% to 2.31%, reflecting the negative impact of the historically low short-term interest rate environment.

For more information on the changes in net interest income, please refer to the tables that follow.

Distribution of Assets, Liabilities and Shareholders' Equity; Interest Rate and Interest Differential

The following tables show the condensed average balance sheets for each of the periods reported, the tax-equivalent interest income and expense on each category of interest-earning assets and interest-bearing liabilities, and the

average yield on such categories of interest-earning assets and the average rates paid on such categories of interest-bearing liabilities for each of the periods reported.

	Second Quarter of 2021						Second Quarter of 2020 Interest						
	Interest												
	A	Average		Income/	Yield/	1	Average		ncome/	Yield/			
(In thousands)]	Balance		Expense	Rate]	Balance	E	xpense	Rate			
Assets ¹													
Interest-earning assets													
Loans ² :													
Taxable	\$	901,619	\$	8,696	3.87%	\$	964,060	\$	9,298	3.88%			
Investment securities ³ :													
Taxable		156,057		458	1.18		82,107		471	2.31			
Tax-exempt ⁴		316,371		2,319	2.94		288,078		2,260	3.16			
Certificates of deposit				_	_		313		2	2.57			
Interest-bearing deposits in other financial							515		_	2.57			
institutions		419,475		104	0.10		273,287		73	0.11			
Federal funds sold and other short-term investments		175,124		18	0.04		16,570		12	0.29			
Total interest-earning assets		1,968,646		11,595	2.36		1,624,415		12,116	3.00			
Non-interest-earning assets		_,_ ,_ ,_ ,		,			_,,,,		,	5.53			
Cash and due from banks		20,565					15,948						
Premises and equipment, net		17,848					20,069						
Bank-owned life insurance		17,693					17,760						
Goodwill and other intangibles		17,382					18,239						
Other assets		247,983					200,779						
Allowance for loan losses		(11,715)					(10,895)						
Total assets	\$	2,278,402				\$	1,886,315						
Liabilities and Shareholders' Equity ¹										·			
Interest-bearing liabilities													
Interest-bearing demand deposits	\$	525,286	\$	136	0.10%	\$	394,756	\$	202	0.21%			
Savings deposits		17,772		2	0.05		12,921		3	0.09			
Time deposits >= \$100		22,841		68	1.19		28,268		138	1.96			
Other time deposits		30,835		91	1.18		42,414		138	1.31			
Total interest-bearing deposits		596,734		297	0.20		478,359		481	0.40			
Short-term borrowings		10		_	_		11						
Total interest-bearing liabilities		596,744		297	0.20		478,370		481	0.40			
Non-interest bearing liabilities													
Demand deposits		420,072					359,808						
Accounts and drafts payable		947,987					741,547						
Other liabilities		53,482					64,489						
Total liabilities		2,018,285					1,644,214						
Shareholders' equity		260,117					242,101						
Total liabilities and shareholders' equity	\$	2,278,402				\$	1,886,315						
Net interest income			\$	11,298				\$	11,635				
Net interest margin					2.30%					2.88%			
Interest spread					2.16					2.60			

Balances shown are daily averages.
Interest income on loans includes net loan fees of \$868,000 and \$565,000 for the Second Quarter of 2021 and 2020, respectively. The increase in net loan fees is due to higher PPP fees.
For purposes of these computations, yields on investment securities are computed as interest income divided by the average amortized cost of the investments.
Interest income is presented on a tax-equivalent basis assuming a tax rate of 21% for both 2021 and 2020. The tax-equivalent adjustment was approximately \$487,000 and \$474,000 for the Second Quarter of 2021 and 2020, respectively.

	First Half of 2021 First Half of 2020										
•			I	nterest		Interest					
	A	4verage	I	ncome/	Yield/	1	Average	Inc	ome/	Yield/	
(In thousands)]	Balance	E	xpense	Rate]	Balance	Exp	ense	Rate	
Assets ¹											
Interest-earning assets											
Loans ² :											
Taxable	\$	891,477	\$	17,283	3.91%	\$	881,781	\$	18,299	4.17%	
Investment securities ³ :											
Taxable		119,604		656	1.11		88,899		1,028	2.33	
Tax-exempt ⁴		302,456		4,520	3.01		292,561		4,562	3.14	
Certificates of deposit		_		_	_		407		5	2.47	
Interest-bearing deposits in other financial							,			_,	
institutions		500,340		242	0.10		201,949		456	0.45	
Federal funds sold and other short-term investments		116,357		32	0.06		90,547		588	1.31	
Total interest-earning assets		1,930,234		22,733	2.37		1,556,144		24,938	3.22	
Non-interest-earning assets:				•					ŕ		
Cash and due from banks		20,455					16,649				
Premises and equipment, net		17,958					20,182				
Bank-owned life insurance		17,806					17,703				
Goodwill and other intangibles		17,490					18,347				
Other assets		239,636					213,674				
Allowance for loan losses		(11,835)					(10,728)				
Total assets	\$	2,231,744				\$	1,831,971				
Liabilities and Shareholders' Equity ¹											
Interest-bearing liabilities:											
Interest-bearing demand deposits	\$	500,388	\$	287	0.12%	\$	360,804	\$	835	0.47%	
Savings deposits		19,775		5	0.05		10,662		16	0.30	
Time deposits >= \$100		23,668		185	1.58		29,044		279	1.93	
Other time deposits		31,106		151	0.98		43,253		314	1.46	
Total interest-bearing deposits		574,937		628	0.22		443,763		1,444	0.65	
Short-term borrowings		10			_		110		2	3.66	
Total interest-bearing liabilities		574,947		628	0.22		443,873		1,446	0.66	
Non-interest bearing liabilities:											
Demand deposits		419,013					327,486				
Accounts and drafts payable		923,320					754,773				
Other liabilities		55,054					63,359				
Total liabilities		1,972,334					1,589,491				
Shareholders' equity		259,410					242,480				
Total liabilities and shareholders' equity	\$	2,231,744				\$	1,831,971				
Net interest income			\$	22,105				\$	23,492		
Net interest margin					2.31%					3.04%	
Interest spread					2.15					2.56	

Interest spread

Balances shown are daily averages.
Interest income on loans includes net loan fees of \$1,769,000 and \$721,000 for the First Half of 2021 and 2020, respectively. The increase in net loan fees is due to higher PPP fees.
For purposes of these computations, yields on investment securities are computed as interest income divided by the average amortized cost of the investments.
Interest income is presented on a tax-equivalent basis assuming a tax rate of 21% for both 2021 and 2020. The tax-equivalent adjustment was approximately \$949,000 and \$958,000 for the First Half of 2021 and 2020, respectively.

Analysis of Net Interest Income Changes

The following tables present the changes in interest income and expense between periods due to changes in volume and interest rates. That portion of the change in interest attributable to the combined rate/volume variance has been allocated to rate and volume changes in proportion to the absolute dollar amounts of the change in each.

Second Quarter of 2021 Over Second Quarter of 2020

939

\$

(2,326) \$

(1,387)

		Second Quarter of 2020								
(In thousands)	·	Volume	Rate	Total						
Increase (decrease) in interest income:										
Loans ¹ :										
Taxable	\$	(578)	\$ (24)	\$ (602)						
Investment securities:										
Taxable		290	(303)	(13)						
Tax-exempt ²		217	(158)	59						
Certificates of deposit		(2)	_	(2)						
Interest-bearing deposits in other financial institutions		37	(6)	31						
Federal funds sold and other short-term investments		24	18)	6						
Total interest income		(12)	(509)	(521)						
Interest expense on:										
Interest-bearing demand deposits		54	(120)	(66)						
Savings deposits		1	(2)	(1)						
Time deposits >=\$100		(23)	(47)	(70)						
Other time deposits		(35)	(12)	(47)						
Total interest expense		(3)	(181)	(184)						
Net interest income	\$	(9)	\$ (328)	\$ (337)						

Interest income includes net loan fees.

^{2.} Interest income is presented on a tax-equivalent basis assuming a tax rate of 21% for the Second Quarter of 2021 and 2020.

		First Half of 2021 Over First Half of 2020										
(In thousands)	Vol	ume	Rate	Total								
Increase (decrease) in interest income:				_								
Loans ¹ :												
Taxable	\$	190 \$	(1,206)	(1,016)								
Investment securities:												
Taxable		278	(650)	(372)								
Tax-exempt ²		145	(187)	(42)								
Certificates of deposit		(5)	_	(5)								
Interest-bearing deposits in other financial institutions		325	(539)	(214)								
Federal funds sold and other short-term investments		129	(685)	(556)								
Total interest income		1,062	(3,267)	(2,205)								
Interest expense on:												
Interest-bearing demand deposits		238	(786)	(548)								
Savings deposits		8	(19)	(11)								
Time deposits >=\$100		(47)	(47)	(94)								
Other time deposits		(75)	(88)	(163)								
Short-term borrowings		(1)	(1)	(2)								
Total interest expense		123	(941)	(818)								

Net interest income

1. Interest income includes net loan fees.

Provision and Allowance for Credit Losses and Allowance for Unfunded Commitments

The Company recorded a release of credit losses and off-balance sheet credit exposures of \$610,000 in the Second Quarter of 2021 and a provision for loan losses of \$400,000 in the Second Quarter of 2020. The Company recorded a release of credit losses and off-balance sheet credit exposures of \$1,210,000 in the First Half of 2021 and a provision for loan losses of \$725,000 in the First Half of 2020. The release of credit losses in the First Half of 2021 was primarily due to improved economic conditions and the removal of specific allowance for credit loss allocations on two impaired loans, The amount of the (release of) provision for credit losses was derived from the Company's

Interest income includes net toan rees.
 Interest income is presented on a tax-equivalent basis assuming a tax rate of 21% for the First Half of 2021 and 2020.

quarterly Current Expected Credit Loss ("CECL") model. The amount of the (release of) provision for credit losses will fluctuate as determined by these quarterly analyses. The Company had no net loan recoveries in the Second Quarter of 2021 and \$3,000 in the Second Quarter of 2020. The Company had net loan recoveries of \$17,000 and \$11,000 in the First Half of 2021 and the First Half of 2020, respectively.

The ACL was \$11,171,000 at June 30, 2021 compared to \$11,944,000 at December 31, 2020. The ACL represented 1.28% of outstanding loans at June 30, 2021 and 1.34% of outstanding loans at December 31, 2020. Excluding PPP loans, the ACL represented 1.37% of total loans at June 30, 2021 and 1.53% of total loans at December 31, 2020. The allowance for unfunded commitments was \$147,000 at June 30, 2021 and \$567,000 at December 31, 2020. There were no nonperforming loans outstanding at June 30, 2021 or December 31, 2020.

The ACL has been established and is maintained to estimate the lifetime expected credit losses in the loan portfolio. An ongoing assessment is performed to determine if the balance is adequate. Charges or credits are made to expense based on changes in the economic forecast, qualitative risk factors, loan volume, and individual loans. For loans that are individually evaluated, the Company uses two impairment measurement methods: 1) the present value of expected future cash flows and 2) collateral value.

The Company also utilizes ratio analysis to evaluate the overall reasonableness of the ACL compared to its peers and required levels of regulatory capital. Federal and state regulatory agencies review the Company's methodology for maintaining the ACL. These agencies may require the Company to adjust the ACL based on their judgments and interpretations about information available to them at the time of their examinations.

Summary of Credit Loss Experience

The following table presents information on the Company's (release of) provision for credit losses and analysis of the ACL:

	Second Quarter of			First Half of				
(In thousands)		2021		2020	2021		2020	
Allowance for credit/loan losses at beginning of period	\$	11,721	\$	10,889	\$ 11,944	\$	10,556	
(Release of) provision for credit/loan losses		(550)		400	(790)		725	
Loans charged off				_			_	
Recoveries on loans previously charged off		_		3	17		11	
Net recoveries		_		3	17		11	
Allowance for credit/loan losses at end of period	\$	11,171	\$	11,292	\$ 11,171	\$	11,292	
Allowance for unfunded commitments at beginning of Period	\$	207	\$		\$ 567	\$		
(Release of) provision for credit losses		(60)		_	(420)		_	
Allowance for unfunded commitments at end of period		147			147			
Loans outstanding:								
Average	\$	901,619	\$	964,060	\$ 891,477	\$	881,781	
June 30		871,020		963,726	871,020		963,726	
Ratio of ACL to loans outstanding:								
Average		1.24%		1.17%	1.25%		1.28%	
June 30		1.28%		1.17%	1.28%		1.17%	

The Bank had no property carried as other real estate owned as of June 30, 2021 and June 30, 2020.

Operating Expenses

Total operating expenses for the Second Quarter of 2021 were up 8.9%, or \$2,446,000, compared to the Second Quarter of 2020 as personnel expense increased as a result of the increase in payment processing volumes.

Total operating expenses for the First Half of 2021 were up \$2,042,000, or 3.6%, compared to the First Half of 2020, also due to the increase in payment processing volumes.

Financial Condition

Total assets at June 30, 2021 were \$2,272,333,000, an increase of \$69,098,000, or 3.1%, from December 31, 2020. The Company increased the investment securities portfolio \$149,321,000, or 41.7%, during the period in an effort to increase the yield on interest-earning assets. The increase in investment securities was partially offset by decreases

in cash and cash equivalents of \$48,947,000, and payments in excess of funding of \$10,301,000. Changes in cash and cash equivalents reflect the Company's daily liquidity position and are affected by the changes in the other asset balances and changes in deposit and accounts and drafts payable balances.

Total liabilities at June 30, 2021 were \$2,011,566,000, an increase of \$69,491,000, or 3.6%, from December 31, 2020. Total deposits at June 30, 2021 were \$1,015,943,000, a decrease of \$34,913,000, or 3.3%, from December 31, 2020. Accounts and drafts payable at June 30, 2021 were \$939,570,000, an increase of \$104,184,000, or 12.5%, from December 31, 2020, reflecting an increase in both transportation and facility-related dollar volumes.

Total shareholders' equity at June 30, 2021 was \$260,767,000, a \$393,000, or 0.2%, decrease from December 31, 2020. Total shareholders' equity decreased primarily due to dividends paid of \$7,761,000, share repurchases of \$5,260,000 and an other comprehensive loss of \$2,030,000, partially offset by net income of \$14,097,000.

Accounts and drafts payable will fluctuate from period-end to period-end due to the payment processing cycle, which results in lower balances on days when payments clear and higher balances on days when payments are issued. For this reason, average balances are a more meaningful measure of accounts and drafts payable (for average balances refer to the tables under the "Distribution of Assets, Liabilities and Shareholders' Equity; Interest Rate and Interest Differential" section of this report).

Liquidity and Capital Resources

The balance of liquid assets consists of cash and cash equivalents, which include cash and due from banks, interest-bearing deposits in other financial institutions, federal funds sold and money market funds, and was \$621,581,000 at June 30, 2021, a decrease of \$48,947,000, or 7.3%, from December 31, 2020. At June 30, 2021, these assets represented 27.4% of total assets. These funds are the Company's and its subsidiaries' primary source of liquidity to meet future expected and unexpected loan demand, depositor withdrawals or reductions in accounts and drafts payable.

Secondary sources of liquidity include the investment portfolio and borrowing lines. Total investment in securities was \$507,047,000 at June 30, 2021, an increase of \$149,321,000 from December 31, 2020. These assets represented 22.3% of total assets at June 30, 2021. Of this total, 69% were state and political subdivision securities. Of the total portfolio, 11.5% mature in one year, 19.8% mature in one to five years, and 68.7% mature in five or more years.

The Bank has unsecured lines of credit at correspondent banks to purchase federal funds up to a maximum of \$83,000,000 at the following banks: US Bank, \$20,000,000; UMB Bank, \$20,000,000; Wells Fargo Bank, \$15,000,000; PNC Bank, \$12,000,000; Frost National Bank, \$10,000,000; and JPM Chase Bank, \$6,000,000. The Bank also has secured lines of credit with the Federal Home Loan Bank of \$208,132,000 collateralized by commercial mortgage loans. The Company also has secured lines of credit with UMB Bank of \$75,000,000 and First Horizon Bank of \$75,000,000 collateralized by state and political subdivision securities. There were no amounts outstanding under any line of credit as of June 30, 2021 or December 31, 2020.

In addition to the lines of credit discussed above, as of April 21, 2020 the Bank was approved for the Federal Reserve's Paycheck Protection Program Lending Facility. The Bank can receive non-recourse loans with the previously mentioned PPP loans pledged as collateral. The Bank can borrow an amount up to 100% of the amount of the PPP loans, which was \$56,642,000 as of June 30, 2021.

The deposits of the Company's banking subsidiary have historically been stable, consisting of a sizable volume of core deposits related to customers that utilize other commercial products of the Bank. The accounts and drafts payable generated by the Company has also historically been a stable source of funds. The Company is part of the Certificate of Deposit Account Registry Service ("CDARS") and Insured Cash Sweep ("ICS") deposit placement programs. Time deposits include \$31,779,000 of CDARS deposits and interest-bearing demand deposits include \$142,344,000 of ICS deposits. These programs offer the Bank's customers the ability to maximize Federal Deposit Insurance Corporation ("FDIC") insurance coverage. The Company uses these programs to retain or attract deposits from existing customers.

Net cash flows provided by operating activities were \$21,759,000 for the First Half of 2021, compared to \$32,655,000 for the First Half of 2020, a decrease of \$10,896,000. Net cash flows from investing and financing activities fluctuate greatly as the Company actively manages its investment and loan portfolios and customer activity influences changes in deposit and accounts and drafts payable balances. Other causes for the changes in these account balances are discussed earlier in this report. Due to the daily fluctuations in these account balances, the analysis of changes in average balances, also discussed earlier in this report, can be more indicative of underlying

activity than the period-end balances used in the statements of cash flows. Management anticipates that cash and cash equivalents, maturing investments and cash from operations will continue to be sufficient to fund the Company's operations and capital expenditures in 2021, which are estimated to range from \$4 million to \$6 million.

The Company faces market risk to the extent that its net interest income and fair market value of equity are affected by changes in market interest rates. For information regarding the market risk of the Company's financial instruments, see Item 3, "Quantitative and Qualitative Disclosures about Market Risk."

There are several trends and uncertainties that may impact the Company's ability to generate revenues and income at the levels that it has in the past. In addition, these trends and uncertainties may impact available liquidity. Those that could significantly impact the Company include the general levels of interest rates, business activity, and energy costs as well as new business opportunities available to the Company.

As a financial institution, a significant source of the Company's earnings is generated from net interest income. Therefore, the prevailing interest rate environment is important to the Company's performance. A major portion of the Company's funding sources are the non-interest bearing accounts and drafts payable generated from its payment and information processing services. Accordingly, higher levels of interest rates will generally allow the Company to earn more net interest income. Conversely, a lower interest rate environment will generally tend to depress net interest income. The Company actively manages its balance sheet in an effort to maximize net interest income as the interest rate environment changes. This balance sheet management impacts the mix of earning assets maintained by the Company at any point in time. For example, in a low interest rate environment, short-term relatively lower rate liquid investments may be reduced in favor of longer term relatively higher yielding investments and loans. If the primary source of liquidity is reduced in a low interest rate environment, a greater reliance would be placed on secondary sources of liquidity including borrowing lines, the ability of the Bank to generate deposits, and the investment portfolio to ensure overall liquidity remains at acceptable levels. For a discussion of trends and impacts relating to COVID-19, refer to Note 1 "Basis of Presentation."

The overall level of economic activity can have a significant impact on the Company's ability to generate revenues and income, as the volume and size of customer invoices processed may increase or decrease. Higher levels of economic activity increase both fee income (as more invoices are processed) and balances of accounts and drafts payable. For a discussion of trends and impacts relating to COVID-19, refer to Note 1 "Basis of Presentation." Lower levels of economic activity, such as those experienced by the Company as a result of COVID-19 and governmental actions related thereto, decrease both fee income and balances of accounts and drafts payable.

The relative level of energy costs can impact the Company's earnings and available liquidity. Lower levels of energy costs will tend to decrease transportation and energy invoice amounts resulting in a corresponding decrease in accounts and drafts payable. Decreases in accounts and drafts payable generate lower interest income. For a discussion of trends and impacts relating to COVID-19, refer to Note 1 "Basis of Presentation."

New business opportunities are an important component of the Company's strategy to grow earnings and improve performance. Generating new customers allows the Company to leverage existing systems and facilities and grow revenues faster than expenses.

The Basel III Capital Rules require FDIC insured depository institutions to meet and maintain several minimum capital standards: a common equity Tier 1 capital to risk-based assets ratio of 4.5%, a Tier 1 capital to risk-based assets ratio of 6.0%, a total capital to risk-based assets of 8.0%, and a 4.0% Tier 1 capital to total assets leverage ratio.

Common equity Tier 1 capital is generally defined as common stockholders' equity and retained earnings. Tier 1 capital is generally defined as common equity Tier 1 and Additional Tier 1 capital. Additional Tier 1 capital generally includes certain noncumulative perpetual preferred stock and related surplus and minority interests in equity accounts of consolidated subsidiaries. Total capital includes Tier 1 capital (common equity Tier 1 capital plus Additional Tier 1 capital) and Tier 2 capital. Tier 2 capital is comprised of capital instruments and related surplus meeting specified requirements. Also included in Tier 2 capital is the allowance for credit losses limited to a maximum of 1.25% of risk-weighted assets and, for non-advanced approaches institutions like Cass that have exercised a one-time opt-out election regarding the treatment of Accumulated Other Comprehensive Income, up to 45% of net unrealized gains on available-for-sale equity securities with readily determinable fair market values. The calculation of all types of regulatory capital is subject to deductions and adjustments specified in applicable regulations.

In determining the amount of risk-weighted assets for purposes of calculating risk-based capital ratios, all assets, including certain off-balance sheet assets are multiplied by a risk weight factor assigned by the regulations based on the risks believed inherent in the type of asset. Higher levels of capital are required for asset categories believed to present greater risk. For example, a risk weight of 0% is assigned to cash and U.S. government securities, a risk weight of 50% is generally assigned to prudently underwritten first lien one to four-family residential mortgages, a risk weight of 100% is assigned to commercial and consumer loans, a risk weight of 150% is assigned to certain past due loans, and a risk weight of between 0% to 600% is assigned to permissible equity interests, depending on certain specified factors.

The Basel III Capital Rules require banking organizations, like Cass, to maintain:

- · a minimum ratio of common equity Tier 1 capital to risk-weighted assets of at least 4.5%, plus a 2.5% capital conservation buffer;
- · a minimum ratio of Tier 1 capital to risk-weighted assets of at least 6.0%, plus a 2.5% capital conservation buffer;
- · a minimum ratio of total capital (that is, Tier 1 plus Tier 2 capital) to risk-weighted assets of at least 8.0%, plus the 2.5% capital conservation buffer; and
- · a minimum leverage ratio of 4.0%, calculated as the ratio of Tier 1 capital to adjusted average consolidated assets.

The capital conservation buffer is designed to absorb losses during periods of economic stress. Banking institutions with a ratio of common equity Tier 1 capital to risk-weighted assets above the minimum but below the conservation buffer will face limitations on the payment of dividends, common stock repurchases and discretionary cash payments to executive officers based on the amount of the shortfall.

The Company and the Bank continue to exceed all regulatory capital requirements, as evidenced by the following capital amounts and ratios:

	June 30, 2021		2021	December 31, 2020		
(Dollars in thousands)	Α	Amount	Ratio	A	Amount	Ratio
Total capital (to risk-weighted assets)						
Cass Information Systems, Inc.	\$	256,648	19.90%	\$	255,332	21.41%
Cass Commercial Bank		180,343	22.22%		171,298	21.46%
Common equity tier I capital (to risk-weighted assets)						
Cass Information Systems, Inc.	\$	245,477	19.04%	\$	243,388	20.41%
Cass Commercial Bank		170,195	20.97%		161,300	20.21%
Tier I capital (to risk-weighted assets)						
Cass Information Systems, Inc.	\$	245,477	19.04%	\$	243,388	20.41%
Cass Commercial Bank		170,195	20.97%		161,300	20.21%
Tier I capital (to leverage assets)						
Cass Information Systems, Inc.	\$	245,477	10.86%	\$	243,388	11.52%
Cass Commercial Bank		170,195	13.60%		161,300	14.48%

Inflation

The Company's assets and liabilities are primarily monetary, consisting of cash, cash equivalents, securities, loans, payables and deposits. Monetary assets and liabilities are those that can be converted into a fixed number of dollars. The Company's consolidated balance sheet reflects a net positive monetary position (monetary assets exceed monetary liabilities). During periods of inflation, the holding of a net positive monetary position will result in an overall decline in the purchasing power of a company. Management believes that replacement costs of equipment, furniture, and leasehold improvements will not materially affect operations. The rate of inflation does affect certain expenses, such as those for employee compensation, which may not be readily recoverable in the price of the Company's services.

Impact of New and Not Yet Adopted Accounting Pronouncements

In June 2016, the FASB issued ASU No. 2016-13, *Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments* ("ASU 2016-13"). The standard is effective for fiscal periods beginning after December 15, 2019. The CARES Act was signed into law on March 27, 2020 and included provisions that temporarily delayed the required implementation date of ASU 2016-13 to the earlier of the end of the national pandemic or December 31, 2020. The Consolidated Appropriations Act was signed into law on December 27, 2020 and extended the deferral of required implementation of ASU 2016-13 to the earlier of the first day of a company's fiscal year that begins after the date the COVID-19 national emergency comes to an end or January 1, 2022. The

Company elected to defer the adoption of ASU 2016-13 until December 31, 2020 with an effective date of January 1, 2020.

The ASU required measurement and recognition of expected credit losses for financial instruments held, as applicable, which include allowances for credit losses expected over the life of the portfolio, rather than incurred losses, which include allowances for current probable and estimable losses within the portfolio. Under this standard, the Company is required to hold an allowance equal to the expected life-of-loan losses on the loan portfolio. It also applies to off-balance sheet credit exposures such as loan commitments, standby letters of credit and other similar instruments. In addition, ASU 2016-13 made changes to the accounting for available-for-sale debt securities.

The Company adopted ASU 2016-13 using a modified retrospective approach. Results for annual reporting periods beginning after January 1, 2020 are presented under ASU 2016-13 while prior period amounts continue to be reported in accordance with previously applicable GAAP. Results for quarterly reporting periods beginning after December 31, 2020 in the Company's Form 10-Q will be presented under ASU 2016-13 while prior quarterly period amounts continue to be reported in accordance with previously applicable GAAP. Upon adoption on January 1, 2020, the Company recognized increases of \$723,000 in the allowance for credit losses and \$402,000 in the reserve for unfunded commitments, with a corresponding reduction to retained earnings, net of tax, of \$856,000. No credit loss allowance was required upon adoption for the investment securities portfolio.

The following table illustrates the impact of the adoption of ASU 2016-13:

(In thousands)	_	December 31, 2019	ASU	pact of 2016-13 doption	As Reported Under ASU 2016-13		
Assets:		31, 2013		aoption	_		
Allowance for credit/loan losses on	\$	10,556	\$	723	\$	11,279	
loans							
Deferred tax asset		2,298		269		2,567	
Liabilities:							
Reserve for unfunded commitments		_		402		402	
Shareholders' equity:							
Retained earnings		90,341		(856)		89,485	

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

As described in the Company's Annual Report on Form 10-K for the year ended December 31, 2020, the Company manages its interest rate risk through measurement techniques that include gap analysis and a simulation model. As part of the risk management process, asset/liability management policies are established and monitored by management. The policy objective is to limit the change in annualized net interest income to 15% from an immediate and sustained parallel change in interest rates of 200 basis points. The economic impact of the COVID-19 pandemic has introduced significant uncertainty and market volatility, which may result in the deterioration of the Company's risk position since December 31, 2020.

ITEM 4. CONTROLS AND PROCEDURES

The Company's management, under the supervision and with the participation of the principal executive officer and the principal financial officer, evaluated the effectiveness of the Company's disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended) as of the end of the period covered by this report and concluded that, as of such date, these controls and procedures were effective.

There were no changes in the Second Quarter of 2020 in the Company's internal control over financial reporting identified by the Company's principal executive officer and principal financial officer in connection with their evaluation that materially affected or are reasonably likely to materially affect the Company's internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the Securities Exchange Act of 1934, as amended).

PART II. OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

The Company is the subject of various pending or threatened legal actions and proceedings, including those that arise in the ordinary course of business. Management believes the outcome of all such proceedings will not have a material effect on the businesses or financial conditions of the Company or its subsidiaries.

ITEM 1A. RISK FACTORS

The Company has included in Part I, Item 1A of its Annual Report on Form 10-K for the year ended December 31, 2020, a description of certain risks and uncertainties that could affect the Company's business, future performance or financial condition (the "Risk Factors"). There are no material changes to the Risk Factors as disclosed in the Company's 2020 Annual Report on Form 10-K.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

During the three months ended June 30, 2021, the Company repurchased a total of 89,010 shares of its common stock pursuant to its treasury stock buyback program, as follows:

Period	Total Number of Shares Purchased	Average Price Paid per Share	of Shares Purchased as Part of Publicly Announced Plans or Programs ¹	Maximum Number of Shares that May Yet Be Purchased Under the Plans or Programs
April 1, 2021 – April 30, 2021	_		_	434,622
May 1, 2021– May 31, 2021	59,092	44.78	59,092	375,530
June 1, 2021 – June 30, 2021	29,918	45.25	29,918	345,612
Total	89,010	44.94	89,010	345,612

⁽¹⁾ All repurchases made during the quarter ended June 30, 2021 were made pursuant to the treasury stock buyback program, which was authorized by the Board of Directors on October 17, 2011 and announced by the Company on October 20, 2011. The program, as modified by the Board of Directors on October 20, 2014, provides that the Company may repurchase up to an aggregate of 500,000 shares of common stock and has no expiration date. The program is periodically modified by the Board of Directors and was most recently modified on October 20, 2020 to restore the aggregate number of shares available for repurchase to 500,000.

ITEM 3. DEFAULTS UPON SENIOR SECURITIES

None.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

ITEM 5. OTHER INFORMATION

- (a) None.
- (b) There have been no material changes to the procedures by which security holders may recommend nominees to the Company's Board of Directors implemented in the Second Quarter of 2021.

ITEM 6. EXHIBITS

Exhibit 31.1 Certification Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.

Exhibit 31.2 Certification Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.

Exhibit 32.1 Certification Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

Exhibit 32.2 Certification Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.

Exhibit 101.INS XBRL Instance Document. The instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.

Exhibit 101.SCH Inline XBRL Taxonomy Extension Schema Document.

Exhibit 101.CAL Inline XBRL Taxonomy Extension Calculation Linkbase Document.

Exhibit 101.LAB Inline XBRL Taxonomy Extension Label Linkbase Document.

Exhibit 101.PRE Inline XBRL Taxonomy Extension Presentation Linkbase Document.

Exhibit 101.DEF Inline XBRL Taxonomy Extension Definition Linkbase Document.

Exhibit 104 Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101).

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.

	CASS INF	CASS INFORMATION SYSTEMS, INC.		
DATE: August 5, 2021	Ву	/s/ Eric H. Brunngraber Eric H. Brunngraber Chairman, President, and Chief Executive Officer (Principal Executive Officer)		
DATE: August 5, 2021	Ву	/s/ Michael J. Normile Michael J. Normile Executive Vice President and Chief Financial Officer (Principal Financial and Accounting Officer)		
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CERTIFICATIONS

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

Date: August 5, 2021

/s/ Eric H. Brunngraber

Eric H. Brunngraber Chairman, President, and Chief Executive Officer (Principal Executive Officer)

CERTIFICATIONS

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

Date: August 5, 2021

/s/ Michael J. Normile

Michael J. Normile
Executive Vice President and Chief
Financial Officer
(Principal Financial and Accounting 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 Cass Information Systems, Inc. ("the Company") on Form 10-Q for the period ended June 30, 2021 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Eric H. Brunngraber, Chairman, President and Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that:

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

/s/ Eric H. Brunngraber

Eric H. Brunngraber Chairman, President, and Chief Executive Officer (Principal Executive Officer) August 5, 2021

A signed original of this written statement required by Section 906 has been provided to Cass Information Systems, Inc. and will be retained by Cass Information Systems, Inc. and furnished to the Securities and Exchange Commission or its staff upon request.

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 Cass Information Systems, Inc. ("the Company") on Form 10-Q for the period ended June 30, 2021 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Michael J. Normile, Executive Vice President and Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that:

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

/s/ Michael J. Normile

Michael J. Normile
Executive Vice President and Chief
Financial Officer
(Principal Financial and Accounting Officer)
August 5, 2021

A signed original of this written statement required by Section 906 has been provided to Cass Information Systems, Inc. and will be retained by Cass Information Systems, Inc. and furnished to the Securities and Exchange Commission or its staff upon request.