

Section 1: 10-Q (10-Q)

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 10-Q

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

For the quarterly period ended September 30, 2019
OR

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

For the transition period from _____ to _____
Commission File Number 001-38139



Byline Bancorp, Inc.
(Exact Name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction of
Incorporation or Organization)

36-3012593
(IRS Employer
Identification Number)

180 North LaSalle Street, Suite 300
Chicago, Illinois 60601
(Address of Principal Executive Offices)
(773) 244-7000

(Registrant’s telephone number, including area code)

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

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

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of “large accelerated filer”, “accelerated filer”, “smaller reporting company”, and “emerging growth company” in Rule 12b-2 of the Securities Exchange Act of 1934.

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

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

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

Title of each class	Trading Symbol	Name of each exchange on which registered
Common Stock	BY	New York Stock Exchange

Indicate the number of shares outstanding of each of the issuer’s classes of common stock, as of the latest practicable date:
Common Stock, \$0.01 par value, 38,174,780 shares outstanding as of November 7, 2019

BYLINE BANCORP, INC.

FORM 10-Q

September 30, 2019

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PART I – FINANCIAL INFORMATION

Item 1. Financial Statements

BYLINE BANCORP, INC. AND SUBSIDIARIES CONSOLIDATED STATEMENTS OF FINANCIAL CONDITION

(dollars in thousands, except per share data)	(Unaudited) September 30, 2019	December 31, 2018
ASSETS		
Cash and due from banks	\$ 75,275	\$ 30,190
Interest bearing deposits with other banks	33,564	91,670
Cash and cash equivalents	108,839	121,860
Equity and other securities, at fair value	7,648	—
Securities available-for-sale, at fair value	1,031,933	817,656
Securities held-to-maturity, at amortized cost (fair value at September 30, 2019—\$4,502, December 31, 2018—\$97,739)	4,417	99,266
Restricted stock, at cost	24,331	19,202
Loans held for sale	7,176	19,827
Loans and leases:		
Loans and leases	3,831,090	3,501,626
Allowance for loan and lease losses	(31,585)	(25,201)
Net loans and leases	3,799,505	3,476,425
Servicing assets, at fair value	19,939	19,693
Accrued interest receivable	13,013	10,863
Premises and equipment, net	96,006	97,680
Assets held for sale	15,472	14,489
Other real estate owned, net	8,531	5,314
Goodwill	145,638	128,177
Other intangible assets, net	33,905	33,419
Bank-owned life insurance	9,699	5,961
Deferred tax assets, net	33,388	35,643
Due from counterparty	47,045	5,338
Other assets	31,793	31,761
Total assets	<u>\$ 5,438,278</u>	<u>\$ 4,942,574</u>
LIABILITIES AND STOCKHOLDERS' EQUITY		
LIABILITIES		
Non-interest-bearing demand deposits	\$ 1,221,431	\$ 1,192,873
Interest-bearing deposits:		
NOW, savings accounts, and money market accounts	1,589,081	1,413,158
Time deposits	1,269,802	1,143,885
Total deposits	4,080,314	3,749,916
Accrued interest payable	4,778	3,484
Line of credit	—	—
Federal Home Loan Bank advances	506,000	425,000
Securities sold under agreements to repurchase	32,290	34,166
Junior subordinated debentures issued to capital trusts, net	37,207	36,768
Accrued expenses and other liabilities	41,823	42,568
Total liabilities	4,702,412	4,291,902
STOCKHOLDERS' EQUITY		
Preferred stock	10,438	10,438
Common stock, voting, \$0.01 par value at September 30, 2019 and December 31, 2018; 150,000,000 shares authorized at September 30, 2019 and December 31, 2018; 38,169,126 shares issued and outstanding at September 30, 2019 and 36,343,239 issued and outstanding at December 31, 2018	378	361
Additional paid-in capital	579,564	546,849
Retained earnings	144,525	102,522
Accumulated other comprehensive income (loss), net of tax	961	(9,498)
Total stockholders' equity	735,866	650,672
Total liabilities and stockholders' equity	<u>\$ 5,438,278</u>	<u>\$ 4,942,574</u>

See accompanying Notes to Unaudited Interim Condensed Consolidated Financial Statements.

BYLINE BANCORP, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF OPERATIONS
(UnAUDITED)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2019	2018	2019	2018
(dollars in thousands, except share and per share data)				
INTEREST AND DIVIDEND INCOME				
Interest and fees on loans and leases	\$ 63,391	\$ 55,045	\$ 177,298	\$ 128,326
Interest on taxable securities	6,554	5,076	18,550	13,703
Interest on tax-exempt securities	486	337	1,257	740
Other interest and dividend income	598	615	1,794	1,287
Total interest and dividend income	71,029	61,073	198,899	144,056
INTEREST EXPENSE				
Deposits	9,618	5,971	27,000	12,214
Federal Home Loan Bank advances	2,771	1,723	7,044	4,441
Subordinated debentures and other borrowings	802	786	2,484	2,057
Total interest expense	13,191	8,480	36,528	18,712
Net interest income	57,838	52,593	162,371	125,344
PROVISION FOR LOAN AND LEASE LOSSES	5,931	5,842	16,321	14,913
Net interest income after provision for loan and lease losses	51,907	46,751	146,050	110,431
NON-INTEREST INCOME				
Fees and service charges on deposits	1,612	1,825	4,823	4,593
Loan servicing revenue	2,692	2,622	7,861	7,605
Loan servicing asset revaluation	(1,610)	(2,446)	(4,094)	(6,407)
ATM and interchange fees	973	1,540	2,635	3,303
Net gains on sales of securities available-for-sale	178	—	1,151	4
Change in fair value of equity securities, net	(15)	—	1,035	—
Net gains on sales of loans	9,405	5,015	23,110	22,214
Wealth management and trust income	653	674	1,874	866
Other non-interest income	918	1,672	2,582	4,058
Total non-interest income	14,806	10,902	40,977	36,236
NON-INTEREST EXPENSE				
Salaries and employee benefits	24,537	21,312	71,081	58,834
Occupancy expense, net	3,745	3,548	12,362	11,802
Equipment expense	767	617	2,168	1,778
Loan and lease related expenses	1,949	1,015	5,367	3,886
Legal, audit and other professional fees	4,066	2,358	9,113	8,627
Data processing	4,062	2,724	11,055	15,396
Net loss (gain) recognized on other real estate owned and other related expenses	95	(284)	543	187
Regulatory assessments	228	675	540	1,282
Other intangible assets amortization expense	2,003	1,898	5,735	3,795
Advertising and promotions	843	537	2,284	1,133
Telecommunications	474	435	1,475	1,319
Other non-interest expense	2,679	2,880	8,358	6,769
Total non-interest expense	45,448	37,715	130,081	114,808
INCOME BEFORE PROVISION FOR INCOME TAXES	21,265	19,938	56,946	31,859
PROVISION FOR INCOME TAXES	5,923	5,402	15,796	7,787
NET INCOME	15,342	14,536	41,150	24,072
Dividends on preferred shares	196	196	587	587
INCOME AVAILABLE TO COMMON STOCKHOLDERS	<u>\$ 15,146</u>	<u>\$ 14,340</u>	<u>\$ 40,563</u>	<u>\$ 23,485</u>
EARNINGS PER COMMON SHARE				
Basic	\$ 0.40	\$ 0.40	\$ 1.09	\$ 0.73
Diluted	\$ 0.39	\$ 0.39	\$ 1.07	\$ 0.71

See accompanying Notes to Unaudited Interim Condensed Consolidated Financial Statements.

BYLINE BANCORP, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(UNAUDITED)

(dollars in thousands)	Three Months Ended September 30,		Nine Months Ended September 30,	
	2019	2018	2019	2018
Net income	\$ 15,342	\$ 14,536	\$ 41,150	\$ 24,072
Securities available-for-sale				
Unrealized holding gains (losses) arising during the period	3,992	(3,451)	24,954	(14,859)
Reclassification adjustments for net gains included in net income	(178)	—	(1,151)	(4)
Tax effect	(1,062)	961	(6,762)	4,138
Net of tax	2,752	(2,490)	17,041	(10,725)
Cash flow hedges				
Unrealized holding gains (losses) arising during the period	(251)	1,070	(5,484)	6,702
Reclassification adjustments for net gains included in net income	(363)	(428)	(1,643)	(863)
Tax effect	171	(179)	1,985	(1,626)
Net of tax	(443)	463	(5,142)	4,213
Total other comprehensive income (loss)	2,309	(2,027)	11,899	(6,512)
Comprehensive income	<u>\$ 17,651</u>	<u>\$ 12,509</u>	<u>\$ 53,049</u>	<u>\$ 17,560</u>

See accompanying Notes to Unaudited Interim Condensed Consolidated Financial Statements.

BYLINE BANCORP, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CHANGES IN STOCKHOLDERS' EQUITY
(UNAUDITED)

(dollars in thousands, except share data)	Preferred Stock		Common Stock		Additional Paid-In	Retained Earnings	Accumulated Other Comprehensive	Total
	Shares	Amount	Shares	Amount	Capital		Income (Loss)	Stockholders' Equity
Balance, December 31, 2017	10,438	\$ 10,438	29,317,298	\$ 292	\$ 391,586	\$ 61,349	\$ (5,087)	\$ 458,578
Net income	—	—	—	—	—	6,768	—	6,768
Other comprehensive loss, net of tax	—	—	—	—	—	—	(3,564)	(3,564)
Issuance of common stock upon exercise of stock options	—	—	86,750	1	1,004	—	—	1,005
Reclassification of certain income tax effects from accumulated other comprehensive income (loss)	—	—	—	—	—	763	(763)	—
Cash dividends declared on preferred stock	—	—	—	—	—	(193)	—	(193)
Share-based compensation expense	—	—	—	—	342	—	—	342
Balance, March 31, 2018	10,438	\$ 10,438	29,404,048	\$ 293	\$ 392,932	\$ 68,687	\$ (9,414)	\$ 462,936
Net income	—	—	—	—	—	2,768	—	2,768
Other comprehensive loss, net of tax	—	—	—	—	—	—	(921)	(921)
Issuance of common stock upon exercise of stock options	—	—	8,000	—	130	—	—	130
Issuance of common stock and stock options due to business combination, net of issuance costs	—	—	6,682,850	67	151,208	—	—	151,275
Issuance of common stock in connection with restricted stock awards	—	—	126,157	—	—	—	—	—
Forfeiture of restricted stock awards	—	—	(2,100)	—	—	—	—	—
Cash dividends declared on preferred stock	—	—	—	—	—	(198)	—	(198)
Share-based compensation expense	—	—	—	—	416	—	—	416
Balance, June 30, 2018	10,438	\$ 10,438	36,218,955	\$ 360	\$ 544,686	\$ 71,257	\$ (10,335)	\$ 616,406

See accompanying Notes to Unaudited Interim Condensed Consolidated Financial Statements.

BYLINE BANCORP, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CHANGES IN STOCKHOLDERS' EQUITY
(UNAUDITED)

(dollars in thousands, except share data)	Preferred Stock		Common Stock		Additional	Retained Earnings	Accumulated Other	Total
	Shares	Amount	Shares	Amount	Paid-In Capital		Comprehensive Income (Loss)	Stockholders' Equity
Balance, June 30, 2018	10,438	\$ 10,438	36,218,955	\$ 360	\$ 544,686	\$ 71,257	\$ (10,335)	\$ 616,406
Net income	—	—	—	—	—	14,536	—	14,536
Other comprehensive loss, net of tax	—	—	—	—	—	—	(2,027)	(2,027)
Issuance of common stock upon exercise of stock options	—	—	51,763	1	566	—	—	567
Issuance of common stock in connection with employee stock purchase plan	—	—	8,882	—	172	—	—	172
Cash dividends declared on preferred stock	—	—	—	—	—	(196)	—	(196)
Share-based compensation expense	—	—	—	—	403	—	—	403
Balance, September 30, 2018	<u>10,438</u>	<u>\$ 10,438</u>	<u>36,279,600</u>	<u>\$ 361</u>	<u>\$ 545,827</u>	<u>\$ 85,597</u>	<u>\$ (12,362)</u>	<u>\$ 629,861</u>
Net income	—	—	—	—	—	17,121	—	17,121
Other comprehensive loss, net of tax	—	—	—	—	—	—	2,864	2,864
Issuance of common stock upon exercise of stock options	—	—	58,639	—	638	—	—	638
Issuance of common stock in connection with restricted stock awards	—	—	5,000	—	—	—	—	—
Issuance of common stock in connection with employee stock purchase plan	—	—	—	—	31	—	—	31
Cash dividends declared on preferred stock	—	—	—	—	—	(196)	—	(196)
Share-based compensation expense	—	—	—	—	353	—	—	353
Balance, December 31, 2018	<u>10,438</u>	<u>\$ 10,438</u>	<u>36,343,239</u>	<u>\$ 361</u>	<u>\$ 546,849</u>	<u>\$ 102,522</u>	<u>\$ (9,498)</u>	<u>\$ 650,672</u>

See accompanying Notes to Unaudited Interim Condensed Consolidated Financial Statements.

BYLINE BANCORP, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CHANGES IN STOCKHOLDERS' EQUITY
Nine Months Ended September 30, 2019
(UNAUDITED)

(dollars in thousands, except share data)	Preferred Stock		Common Stock		Additional	Retained Earnings	Accumulated Other	Total
	Shares	Amount	Shares	Amount	Paid-In Capital		Comprehensive Income (Loss)	Stockholders' Equity
Balance, January 1, 2019	10,438	\$ 10,438	36,343,239	\$ 361	\$ 546,849	\$ 102,522	\$ (9,498)	\$ 650,672
Net income	—	—	—	—	—	12,597	—	12,597
Other comprehensive loss, net of tax	—	—	—	—	—	—	4,519	4,519
Issuance of common stock upon exercise of stock options	—	—	50,662	1	635	—	—	636
Forfeiture of restricted stock awards	—	—	(8,500)	—	—	—	—	—
Issuance of common stock in connection with employee stock purchase plan	—	—	12,743	—	291	—	—	291
Cumulative-effect adjustment (ASU 2016-01)	—	—	—	—	—	1,440	(1,440)	—
Cash dividends declared on preferred stock	—	—	—	—	—	(196)	—	(196)
Share-based compensation expense	—	—	—	—	230	—	—	230
Balance, March 31, 2019	<u>10,438</u>	<u>\$ 10,438</u>	<u>36,398,144</u>	<u>\$ 362</u>	<u>\$ 548,005</u>	<u>\$ 116,363</u>	<u>\$ (6,419)</u>	<u>\$ 668,749</u>
Net income	—	—	—	—	—	13,211	—	13,211
Other comprehensive income, net of tax	—	—	—	—	—	—	5,071	5,071
Issuance of common stock due to exercise of stock options	—	—	116,048	1	1,668	—	—	1,669
Issuance of common stock due to business combination, net of issuance costs	—	—	1,464,558	15	28,877	—	—	28,892
Issuance of common stock in connection with restricted stock awards	—	—	141,207	—	—	—	—	—
Forfeiture of restricted stock awards	—	—	(4,738)	—	—	—	—	—
Cash dividends declared on preferred stock	—	—	—	—	—	(195)	—	(195)
Share-based compensation expense	—	—	—	—	278	—	—	278
Balance, June 30, 2019	<u>10,438</u>	<u>\$ 10,438</u>	<u>38,115,219</u>	<u>\$ 378</u>	<u>\$ 578,828</u>	<u>\$ 129,379</u>	<u>\$ (1,348)</u>	<u>\$ 717,675</u>

See accompanying Notes to Unaudited Interim Condensed Consolidated Financial Statements.

BYLINE BANCORP, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CHANGES IN STOCKHOLDERS' EQUITY
Nine Months Ended September 30, 2019 (Continued)
(UNAUDITED)

(dollars in thousands, except share data)	Preferred Stock		Common Stock		Additional	Retained Earnings	Accumulated Other	Total
	Shares	Amount	Shares	Amount	Paid-In Capital		Comprehensive Income (Loss)	Stockholders' Equity
Balance, June 30, 2019	10,438	\$ 10,438	38,115,219	\$ 378	\$578,828	\$ 129,379	\$ (1,348)	\$ 717,675
Net income	—	—	—	—	—	15,342	—	15,342
Other comprehensive income, net of tax	—	—	—	—	—	—	2,309	2,309
Issuance of common stock due to exercise of stock options	—	—	3,472	—	54	—	—	54
Issuance cost in connection with business combination	—	—	—	—	(157)	—	—	(157)
Issuance of common stock in connection with restricted stock awards	—	—	50,992	—	—	—	—	—
Forfeiture of restricted stock awards	—	—	(14,642)	—	—	—	—	—
Issuance of common stock in connection with employee stock purchase plan	—	—	14,085	—	289	—	—	289
Cash dividends declared on preferred stock	—	—	—	—	—	(196)	—	(196)
Share-based compensation expense	—	—	—	—	550	—	—	550
Balance, September 30, 2019	<u>10,438</u>	<u>\$ 10,438</u>	<u>38,169,126</u>	<u>\$ 378</u>	<u>\$579,564</u>	<u>\$ 144,525</u>	<u>\$ 961</u>	<u>\$ 735,866</u>

See accompanying Notes to Unaudited Interim Condensed Consolidated Financial Statements.

BYLINE BANCORP, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS
(UNAUDITED)

(dollars in thousands)	Nine Months Ended September 30,	
	2019	2018
CASH FLOWS FROM OPERATING ACTIVITIES		
Net income	\$ 41,150	\$ 24,072
Adjustments to reconcile net income to net cash from operating activities:		
Provision for loan and lease losses	16,321	14,913
Impairment loss on assets held for sale	459	256
Depreciation and amortization of premises and equipment	4,701	4,089
Change in fair value of equity securities, net	(1,035)	—
Net amortization of securities	1,757	2,553
Net gains on sales of securities available-for-sale	(1,151)	(4)
Losses on disposal of premises and equipment	—	194
Net gains on sales of assets held for sale	(82)	(1,102)
Net gains on sales of loans	(23,110)	(22,214)
Originations of U.S. government guaranteed loans	(206,418)	(237,945)
Proceeds from U.S. government guaranteed loans sold	209,556	279,390
Accretion of premiums and discounts on acquired loans, net	(17,772)	(14,199)
Net change in servicing assets	(246)	726
Net valuation adjustments on other real estate owned	189	512
Net gains on sales of other real estate owned	(11)	(380)
Amortization of intangible assets	5,735	3,795
Amortization of time deposit premium	(145)	(273)
Amortization of Federal Home Loan Bank advances premium	—	(19)
Accretion of junior subordinated debentures discount	439	471
Share-based compensation expense	1,058	1,161
Deferred tax provision, net of valuation	2,364	9,656
Increase in cash surrender value of bank owned life insurance	(253)	(205)
Changes in assets and liabilities:		
Accrued interest receivable	(2,920)	(593)
Other assets	(14,310)	(6,720)
Accrued interest payable	1,213	1,095
Accrued expenses and other liabilities	(5,955)	2,937
Net cash provided by operating activities	11,534	62,166
CASH FLOWS FROM INVESTING ACTIVITIES		
Purchases of securities available-for-sale	(310,950)	(153,995)
Proceeds from maturities and calls of securities available-for-sale	76,297	13,630
Proceeds from paydowns of securities available-for-sale	69,455	45,785
Proceeds from sales of securities available-for-sale	92,103	544
Proceeds from paydowns of securities held-to-maturity	—	13,778
Purchases of Federal Home Loan Bank stock	(28,170)	(25,293)
Federal Home Loan Bank stock repurchases	23,455	23,794
Net change in loans and leases	(63,565)	(257,598)
Purchases of premises and equipment	(2,291)	(1,380)
Proceeds from sales of assets held for sale	1,373	4,414
Proceeds from sales of other real estate owned	2,539	6,686
Net cash received in acquisition of business	4,306	20,374
Net cash used in investing activities	(135,448)	(309,261)

See accompanying Notes to Unaudited Interim Condensed Consolidated Financial Statements.

BYLINE BANCORP, INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS (Continued)
(UNAUDITED)

	Nine Months Ended	
	September 30,	
(dollars in thousands)	2019	2018
CASH FLOWS FROM FINANCING ACTIVITIES		
Net increase in deposits	\$ 40,372	\$ 275,443
Proceeds from Federal Home Loan Bank advances	6,358,600	4,460,000
Repayments of Federal Home Loan Bank advances	(6,282,900)	(4,396,487)
Proceeds from line of credit	5,680	—
Repayments of line of credit	(11,335)	—
Net decrease in securities sold under agreements to repurchase	(1,876)	(6,741)
Dividends paid on preferred stock	(587)	(587)
Proceeds from issuance of common stock upon exercise of stock options	2,359	1,702
Proceeds from issuance of common stock	580	172
Net cash provided by financing activities	110,893	333,502
NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS	(13,021)	86,407
CASH AND CASH EQUIVALENTS, beginning of period	121,860	58,349
CASH AND CASH EQUIVALENTS, end of period	\$ 108,839	\$ 144,756
SUPPLEMENTAL DISCLOSURES OF CASH FLOW INFORMATION:		
Cash paid during the period for interest	\$ 35,021	\$ 16,868
Cash payments during the period for taxes	\$ 16,090	\$ 3,114
SUPPLEMENTAL DISCLOSURES OF NON-CASH INVESTING AND FINANCING ACTIVITIES:		
Change in fair value of available-for-sale securities, net of tax	\$ 17,041	\$ (10,725)
Change in fair value of cash flow hedges, net of tax	\$ (5,142)	\$ 4,213
Delayed payments of mortgage-backed securities	\$ 720	\$ 229
Transfer of securities from held-to-maturity to available-for-sale	\$ 94,837	\$ —
Reclassification of equity and other securities	\$ 6,609	\$ —
Transfers of loans to other real estate owned	\$ 3,916	\$ 1,527
Internally financed sale of other real estate owned	\$ 183	\$ 444
Transfers of land and premises to assets held for sale	\$ 2,733	\$ 2,531
Transfers of assets held for sale to premises and equipment	\$ —	\$ (415)
Transfers of premises and equipment to other assets	\$ —	\$ 35
Transfer of other assets to assets held for sale	\$ —	\$ 16
Due from counterparties	\$ 47,045	\$ 14,334
Due to broker	\$ —	\$ 6,983
Total assets acquired from acquisition	\$ 341,375	\$ 1,142,766
Total liabilities assumed from acquisition	\$ 305,892	\$ 1,036,609
Common stock and stock options issued due to acquisition of business	\$ 29,320	\$ 152,127

See accompanying Notes to Unaudited Interim Condensed Consolidated Financial Statements.

BYLINE BANCORP, INC. AND SUBSIDIARIES
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(Table dollars in thousands, except share and per share data) (Unaudited)

Note 1—Basis of Presentation

These unaudited interim condensed consolidated financial statements include the accounts of Byline Bancorp, Inc., a Delaware corporation (the “Company,” “Byline,” “we,” “us,” “our”), a bank holding company whose principal activity is the ownership and management of its Illinois state chartered subsidiary bank, Byline Bank (the “Bank”), based in Chicago, Illinois.

These unaudited interim condensed consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America (“GAAP”) for interim financial information and in accordance with the instructions to Form 10-Q and Article 10 of Regulation S-X as promulgated by the Securities and Exchange Commission (“SEC”). In preparing these financial statements, the Company has evaluated events and transactions subsequent to September 30, 2019 for potential recognition or disclosure. In the opinion of management, all adjustments (consisting of normal recurring accruals) considered necessary for a fair presentation of the financial position and results of operations for the periods presented have been included. Certain information in footnote disclosures normally included in financial statements prepared in accordance with GAAP has been condensed or omitted pursuant to the rules and regulations of the SEC and the accounting standards for interim financial statements. These financial statements should be read in conjunction with the consolidated financial statements and notes thereto included in the Company’s Consolidated Financial Statements for the years ended December 31, 2018, 2017, and 2016.

In accordance with the Financial Accounting Standards Board (“FASB”) Accounting Standards Codification (“ASC”) Topic 855, “Subsequent Events,” the Company’s management has evaluated subsequent events for potential recognition or disclosure through the date of the issuance of these consolidated financial statements.

The Company has one reportable segment. The Company’s chief operating decision maker evaluates the operations of the Company using consolidated information for purposes of allocating resources and assessing performance. Therefore, segments disclosures are not required.

No subsequent events were identified that would have required a change to the consolidated financial statements or disclosure in the notes to the consolidated financial statements.

Certain prior period amounts have been reclassified to conform to current period presentation. These reclassifications did not result in any changes to previously reported net income or stockholders’ equity.

Note 2—Accounting Pronouncements Recently Adopted or Issued

The following reflect recent accounting pronouncements that have been adopted or are pending adoption by the Company. As the Company qualifies as an emerging growth company and has elected the extended transition period for complying with new or revised accounting pronouncements, it is not subject to new or revised accounting standards applicable to public companies during the extended transition period. The accounting pronouncements pending adoption below reflect effective dates for the Company as an emerging growth company with the extended transition period.

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Adopted Accounting Pronouncements

Revenue from Contracts with Customers In May 2014, FASB issued Accounting Standards Update (“ASU”) No. 2014-09, deferred by ASU No. 2015-14 and clarifying standards, *Revenue from Contracts with Customers*, which creates Topics 606 and 610 and supersedes Topic 605, *Revenue Recognition*. The core principle of Topic 606 is that an entity recognizes revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. In April 2016, FASB issued ASU No. 2016-10, *Identifying Performance Obligations and Licensing*. The amendments in this ASU clarify the following two aspects of Topic 606: (1) identifying performance obligations and (2) licensing implementation guidance, while retaining the related principles for those areas. In May 2016, FASB issued ASU No. 2016-12, *Narrow-Scope Improvements and Practical Expedients*, amending ASC Topic 606, *Revenue from Contracts with Customers*. The amendments in this ASU affect only several narrow aspects of Topic 606. In November 2017, FASB issued ASU No. 2017-14, amending ASC Topic 606, *Revenue from Contracts with Customers*. The ASU amends the codification to incorporate additional previously issued guidance from the SEC. The SEC issued SAB 116 to bring existing SEC staff guidance into conformity with the FASB’s adoption of and amendments to ASC Topic 606.

In general, the new guidance requires companies to use more judgment and make more estimates than under current guidance, including identifying performance obligations in the contract, estimating the amount of variable consideration to include in the transaction price and allocating the transaction price to each separate performance obligation. The new authoritative guidance was initially effective for reporting periods after January 1, 2017 but was deferred to January 1, 2018. Given our emerging growth status, the Company adopted this new guidance on January 1, 2019 using the full retrospective method, meaning the standard is applied to all periods presented in the financial statements with the cumulative effect of initially applying the standard recognized at the beginning of the earliest period presented.

The majority of the Company’s revenue streams, including interest and dividend income, servicing fees, and gains on sales of loans and investments, are outside the scope of Topic 606. Revenue streams reported as fees and service charges on deposits, ATM and interchange fees, and wealth management and trust income are within the scope of Topic 606. The Company applied the requirements of Topic 606 to the revenue streams that are within its scope. The adoption of Topic 606 did not result in any changes in the either timing or amount of recognized; there was no cumulative effect adjustment to opening retained earnings as no material changes were identified in the timing of revenue recognition. However, the presentation of certain costs associated with our ATM and debit card income were offset against ATM and interchange income. This change in presentation resulted in \$396,000 and \$1.1 million of expenses for the three and nine months ended September 30, 2019, respectively, being netted against ATM and interchange fees and reported in non-interest income instead of as other non-interest expense in non-interest expense. In addition, to conform to the current period presentation, \$241,000 and \$837,000 of related expenses for the three and nine months ended September 30, 2018, respectively, were reclassified from other non-interest expense in non-interest expense to being netted against ATM and interchange fees in non-interest income. The Company elected to apply the practical expedient and therefore does not disclose information about remaining performance obligations that have an original expected term of one year or less and allows the Company to expense costs related to obtaining a contract as incurred when the amortization period would have been one year or less.

The Company adopted ASU 2014-09 using the full retrospective approach. The following table presents the impact of adopting the new revenue standard on our Consolidated Statements of Operations for the periods presented (in thousands):

	For the Three Months Ended September 30, 2019			For the Three Months Ended September 30, 2018		
	As Reported	Balance without Adoption of ASC 606	Effect of Change	As Reported	Balance without Adoption of ASC 606	Effect of Change
Non-interest income:						
ATM and interchange fees	\$ 973	\$ 1,369	\$ (396)	\$ 1,540	\$ 1,781	\$ (241)
Non-interest expense:						
Other non-interest expense	\$ 2,679	\$ 3,075	\$ (396)	\$ 2,880	\$ 3,121	\$ (241)

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	For the Nine Months Ended September 30, 2019			For the Nine Months Ended September 30, 2018		
	As Reported	Balance without Adoption of ASC 606	Effect of Change	As Reported	Balance without Adoption of ASC 606	Effect of Change
Non-interest income:						
ATM and interchange fees	\$ 2,635	\$ 3,757	\$ (1,122)	\$ 3,303	\$ 4,140	\$ (837)
Non-interest expense:						
Other non-interest expense	\$ 8,358	\$ 9,480	\$ (1,122)	\$ 6,769	\$ 7,606	\$ (837)

Fees and service charges on deposits:

Fees and service charges on deposits include transaction and non-transaction based deposit fees. Transaction based fees on deposit accounts are charged to deposit customers for specific services provided to the customer. These fees include such items as wire fees, official check fees, and overdraft fees. These are contracts specific to each individual transaction and do not extend beyond the individual transaction. The performance obligation is completed and the fees are recognized at the time the specific transactional service is provided to the customer. Non-transactional deposit fees are typically monthly account maintenance fees charged on deposit accounts. These are day-to-day contracts that can be cancelled by either party without notice. The performance obligation is satisfied and the fees are recognized on a monthly basis after the service period is completed.

ATM and interchange fees:

ATM fees represent fees earned when a foreign debit or ATM card is used in a Byline Bank ATM. These fees are assessed and paid at the time of each transaction as the performance obligation is satisfied, which is at the point in time that the transaction is performed and approved. Interchange fees represent fees earned when a debit card issued by the Bank is used to purchase goods or services at a merchant. The merchant's bank pays the Bank a default interchange rate set by MasterCard on a transaction by transaction basis. Interchange fees are assessed as the performance obligation is satisfied, which is at the point in time the card transaction is authorized. The performance obligation is satisfied and the fees are earned when the cost of the transaction is charged to the Bank cardholders' card. Direct expenses associated with ATM and debit cards are recorded as a net reduction against the ATM and interchange income.

Wealth management and trust income:

Wealth management and trust income represents fees earned by the Bank for discretionary investment management, trust administration, fiduciary and/or custody services rendered. Fees vary and are based on a contract with the customer. Fee income is determined as a percentage of assets under management and is recognized over the period the underlying account is serviced. Although some trust appointments can last for generations, most contracts are generally cancellable at any time, with the customer subject to a pro-rated fee in the month of termination.

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Recognition and Measurement of Financial Assets and Financial Liabilities In January 2016, FASB issued ASU No. 2016-01, *Recognition and Measurement of Financial Assets and Financial Liabilities*. The amendments in this ASU require equity securities to be measured at fair value with changes in the fair value recognized through net income. The amendments allow equity investments that do not have readily determinable fair values to be remeasured at fair value under certain circumstances and require enhanced disclosures about those investments. The amendments simplify the impairment assessment of equity investments without readily determinable fair values. The amendments also eliminate the requirement to disclose the method(s) and significant assumptions used to estimate the fair value that is required to be disclosed for financial instruments measured at amortized cost on the balance sheet. The amendments require entities to adjust fair value disclosures for financial instruments to be reflected at an exit price. The amendments in this ASU require separate presentation in other comprehensive income of the portion of the total change in the fair value of a liability resulting from a change in the instrument-specific credit risk when the entity has elected to measure the liability at fair value in accordance with the fair value option for financial instruments. This amendment excludes from net income gains or losses that the entity may not realize because those financial liabilities are not usually transferred or settled at their fair values before maturity. The amendments in this ASU require separate presentation of financial assets and financial liabilities by measurement category and form of financial asset (that is, securities or loans and receivables) on the balance sheet or in the accompanying notes to the financial statements. The Company adopted the provisions of ASU No. 2016-01 as of January 1, 2019. The adoption of this ASU resulted in the Company reclassifying \$1.4 million from other comprehensive income to retained earnings, representing the unrealized gain, net of tax, on available-for-sale for sale equity securities at the date of adoption. The provisions of ASU No. 2016-01 require any future changes in fair value of equity securities to be recorded in the Consolidated Statements of Operations which could result in additional volatility in non-interest income. At December 31, 2018, the Company held \$6.6 million of available-for-sale equity investment securities, which were previously reported as available-for-sale securities, at fair value, and are now reported as equity and other securities, at fair value.

In addition, the adoption of this ASU resulted in changing how the Company estimates the fair value of portfolio loans and leases for disclosure purposes. Fair values are estimated first by stratifying the portfolios of loans and leases with similar financial characteristics. Loans and leases are segregated by type such as commercial real estate, residential mortgage, construction, land, and development, commercial and industrial, consumer and other. Each loan and lease category is further segmented into fixed- and adjustable-rate interest terms. An estimate of fair value is then calculated based on discounted cash flows using as a discount rate based on the current rate offered on similar products, plus an adjustment for liquidity to reflect the non-homogeneous nature of the loans and leases, as well as a quarterly loss rate based on historical losses to arrive at an estimated exit price fair value. Fair value for impaired loans and leases is also based on recent appraisals or estimated cash flows discounted using rates commensurate with risk associated with the estimated cash flows. Assumptions regarding credit risk, cash flows and discount rates are judgmentally determined using available market information and specific borrower information.

Derivatives and Hedging (Topic 815) In August 2017, FASB issued ASU No. 2017-12, *Targeted Improvements to Accounting for Hedging Activities*. The amendments in this ASU better align an entity's risk management activities and financial reporting for hedging relationships through changes to both the designation and measurement guidance for qualifying hedging relationships and the presentation of hedge results. The Company adopted the provisions of ASU No. 2017-12 on January 1, 2019. Upon adoption, the Company elected to reclassify \$94.8 million of securities held-to-maturity to securities available-for-sale, which did not impact on the Consolidated Statements of Operations.

Compensation—Stock Compensation (Topic 718) In May 2017, the FASB issued ASU 2017-09, *Scope of Modification Accounting*. The amendments in the ASU provide guidance about which changes to the terms or conditions of a share-based payment award require an entity to apply modification accounting in Topic 718. An entity should account for the effects of a modification unless all of the following are met: (1) the fair value (or calculated value or intrinsic value, if such an alternative measurement method is used) of the modified award is the same as the fair value (or calculated value or intrinsic value, if such an alternative measurement method is used) of the original award immediately before the original award is modified. If the modification does not affect any of the inputs to the valuation technique that the entity uses to value the award, the entity is not required to estimate the value immediately before and after the modification. (2) the vesting conditions of the modified award are the same as the vesting conditions of the original award immediately before the original award is modified. (3) the classification of the modified award is an equity instrument or liability instrument is the same as the classification of the original award immediately before the original award is modified. The amendments are effective for annual periods, and interim periods within those annual periods, beginning after December 15, 2017. Early adoption is permitted, including adoption in any interim period, for reporting periods for which financial statements have not yet been issued. The amendments should be applied prospectively to an award modified on or after the adoption date. Given our emerging growth status, the Company adopted the provisions of ASU No. 2017-09 on January 1, 2019, which did not have a material impact on the Company's Consolidated Financial Statements.

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Statement of Cash Flows (Topic 230) In August 2016, FASB issued ASU No. 2016-15, *Classification of Certain Cash Receipts and Cash Payments*. There is diversity in practice in how certain cash receipts and cash payments are presented and classified in the statement of cash flows under Topic 230 and other Topics. This ASU addresses eight specific cash flow issues with the objective of reducing the existing diversity in practice. Those eight issues are (1) debt prepayment or debt extinguishment costs, (2) settlement of zero-coupon debt instruments or other debt instruments with coupon interest rates that are insignificant in relation to the effective interest rate of the borrowing, (3) contingent consideration payments made after a business combination, (4) proceeds from the settlement of insurance claims, (5) proceeds from the settlement of corporate-owned life insurance policies, including bank-owned life insurance policies, (6) distributions received from equity method investees, (7) beneficial interests in securitization transactions, and (8) separately identifiable cash flows and application of the predominance principle. Current GAAP either is unclear or does not include specific guidance on these eight cash flow classification issues. These amendments provide guidance for each of the eight issues, thereby reducing current and potential future diversity in practice. The amendments in this ASU are effective for fiscal years beginning after December 15, 2017, and interim periods within those fiscal years. Early adoption is permitted, including adoption in an interim period. Given the Company's emerging growth company status, the new authoritative guidance will be effective for reporting periods after January 1, 2019. The Company adopted the provisions of ASU No. 2016-15 on January 1, 2019, which did not have a material impact on the Company's Consolidated Financial Statements.

In November 2016, the FASB issued ASU No. 2016-18, *Statement of Cash Flows (Topic 230), Restricted Cash*. The ASU will require that a statement of cash flows explain the change during the period in the total of cash, cash equivalents, and amounts generally described as restricted cash or restricted cash equivalents. Therefore, amounts generally described as restricted cash and restricted cash equivalents should be included with cash and cash equivalents when reconciling the beginning-of-period and end-of-period total amounts shown on the statement of cash flows. The amendments in this update apply to all entities that have restricted cash or restricted cash equivalents and are required to present a statement of cash flows under Topic 230. The amendment is effective for annual reporting periods beginning after December 15, 2017, and interim periods within those fiscal years. Given our emerging growth status, the Company adopted these amendments on January 1, 2019 in conjunction with ASU No. 2016-15, which did not have a material impact on the Company's Consolidated Financial Statements.

Business Combinations (Topic 805) In January 2017, the FASB issued ASU No. 2017-01, *Clarifying the Definition of a Business*. The guidance clarifies the definition of a business to assist entities with evaluating whether transactions should be accounted for as acquisitions or disposals of assets or businesses. This guidance is effective for annual and interim periods beginning after December 15, 2017. Given our emerging growth status, the Company adopted the provisions of ASU No. 2017-01 on January 1, 2019, which did not have a material impact on the Company's Consolidated Financial Statements.

Fair Value Measurement (Topic 820) In August 2018, FASB issued ASU No. 2018-13, *Disclosure Framework—Changes to the Disclosure Requirements for Fair Value Measurement*. The amendments in this ASU modify the disclosure requirements on fair value measurements in Topic 820. The amendments remove the disclosure requirements for the amount and reasons for transfers between Level 1 and Level 2 securities of the fair value hierarchy, the policy for timing of transfers between levels, and the valuation processes for Level 3 fair value measurement. The amendments modify the disclosure requirements as follows: for investments in certain entities that calculate net asset value, an entity is required to disclose the timing of liquidation of an investee's assets and the date when restrictions from redemption might lapse only if the investee has communicated the timing to the entity or announced the timing publicly; and clarify that the measurement uncertainty disclosure is to communicate information about the uncertainty in measurement as of the reporting date. The amendments add the following disclosure requirements: the changes in unrealized gains and losses for the period included in other comprehensive income for recurring Level 3 fair value measurements held at the end of the reporting period; and the range and weighted average of significant unobservable inputs used to develop Level 3 fair value measurements. Early adoption is permitted. The Company early adopted these amendments in 2018, which did not have a material impact on the Company's Consolidated Financial Statements.

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Issued Accounting Pronouncements Pending Adoption

Leases (Topic 842) In February 2016, FASB issued ASU No. 2016-02, *Leases*. The amendments in this ASU require lessees to recognize the following for all leases (with the exception of short-term) at the commencement date: a lease liability, which is a lessee's obligation to make lease payments arising from a lease, measured on a discounted basis; and a right-of-use asset, which is an asset that represents the lessee's right to use, or control the use of, a specified asset for the lease term. The amendments in this ASU leave lessor accounting largely unchanged, although certain targeted improvements were made to align lessor accounting with the lessee accounting model. This ASU simplifies the accounting for sale and leaseback transactions primarily because lessees must recognize lease assets and lease liabilities. The amendments in this ASU are effective for fiscal years beginning after December 15, 2018, including interim periods within those fiscal years. Early application is permitted upon issuance. Lessees (for capital and operating leases) and lessors (for sales-type, direct financing, and operating leases) must apply a modified retrospective transition approach for leases existing at, or entered into after, the beginning of the earliest comparative period presented in the financial statements. The modified retrospective approach would not require any transition accounting for leases that expired before the earliest comparative period presented. Lessees and lessors may not apply a full retrospective transition approach. The Company is evaluating the new guidance and its impact on the Company's Consolidated Statements of Operations and Consolidated Statements of Financial Condition. In October 2019, FASB voted to defer the effective date of this ASU for entities not classified as Public Business Entities (PBEs). Our status as an emerging growth company makes us eligible for this deferral. Assuming the Company remains an emerging growth company, the proposed guidance will be effective for reporting periods after December 15, 2020, and interim periods with fiscal years beginning after December 15, 2021. The Company expects an increase in assets and liabilities as a result of recognizing additional right-of-use assets and liabilities under lease contracts in which the Company is lessee. While the Company has not quantified the impact of this ASU on its direct financing lease portfolio, it does not expect a material change in its accounting for the initial direct costs related to these leases.

Financial Instruments—Credit Losses (Topic 326) In June 2016, FASB issued ASU No. 2016-13, *Measurement of Credit Losses on Financial Instruments*. Current GAAP requires an "incurred loss" methodology for recognizing credit losses that delays recognition until it is probable a loss has been incurred. The main objective of this ASU is to provide financial statement users with more decision-useful information about the expected credit losses on financial instruments and other commitments to extend credit held by a reporting entity at each reporting date. The amendments in this ASU replace the incurred loss impairment methodology in current GAAP with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to inform credit loss estimates. The amendments in this ASU require a financial asset (or group of financial assets) measured at amortized cost basis to be presented at the net amount expected to be collected. The allowance for credit losses is a valuation account that is deducted from the amortized cost basis of the financial asset(s) to present the net carrying value at the amount expected to be collected on the financial asset. The measurement of expected credit losses will be based on relevant information about past events, including historical experience, current conditions, and reasonable and supportable forecasts that affect the collectability of the reported amount. The amendments in this ASU broaden the information that an entity must consider in developing its expected credit loss estimate for assets measured either collectively or individually. The use of forecasted information incorporates more timely information in the estimate of expected credit loss, which will be more useful to users of the financial statements. In October 2019, FASB voted to defer the effective date of the ASU for entities not classified as PBEs. Once issued, the Company intends to exercise the extension applicable to emerging growth companies. The Company is in process of implementation and determining the impact that this ASU will have on the Company's Consolidated Financial Statements.

Nonrefundable Fees and Other Costs (Subtopic 310-20) In March 2017, FASB issued ASU No. 2017-08, *Receivables—Nonrefundable Fees and Other Costs*. The amendments in the ASU shorten the amortization period for certain callable debt securities held at a premium at the earliest call date. Under current GAAP, the Company amortizes the premium as an adjustment of yield over the contractual life of the instrument. As a result, upon exercise of a call on a callable debt security held at a premium, the unamortized premium is charged to earnings. The ASU shortens the amortization period for certain callable debt securities held at a premium and requires the premium to be amortized to the earliest call date. However, the amendments do not require an accounting change for securities held at a discount; the discount continues to be amortized to maturity. The amendments are effective for annual periods beginning after December 15, 2019, and interim periods within annual periods beginning after December 15, 2020. Early adoption is permitted. The Company is required to apply the amendments on a modified retrospective basis through a cumulative-effect adjustment directly to retained earnings as of the beginning of the period of adoption. Assuming the Company remains an emerging growth company, the new authoritative guidance will be effective for reporting periods after January 1, 2020. The Company is currently evaluating the provisions of ASU No. 2017-08 to determine the potential impact the new standard will have on the Company's Consolidated Financial Statements.

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Note 3—Acquisitions

On April 30, 2019, the Company acquired all of the outstanding common stock of Oak Park River Forest Bankshares, Inc. (“Oak Park River Forest”) and its subsidiary pursuant to an Agreement and Plan of Merger, dated as of October 17, 2018 (the “OPRF Merger Agreement”). Oak Park River Forest operated one wholly owned subsidiary, Community Bank of Oak Park River Forest. Oak Park River Forest was merged with and into Byline. As a result of the merger, Oak Park River Forest’s subsidiary bank, Community Bank of Oak Park River Forest, was merged with and into Byline Bank, with Byline Bank as the surviving bank.

At the effective time of the merger (the “OPRF Effective Time”), each share of Oak Park River Forest’s common stock was converted into the right to receive: (1) 7.9321 shares of Byline’s common stock, and (2) an amount in cash equal to \$6.2 million divided by the number of outstanding shares of Oak Park River Forest common stock as of the closing date, with cash paid in lieu of any fractional shares. The per share cash consideration was based on the total \$6.2 million divided by the outstanding shares of Oak Park River Forest common stock, or \$33.375 per outstanding share. Based on the closing price of the Company’s common stock of \$20.02, as reported by the New York Stock Exchange, and 1,464,558 shares of common stock issued with respect to the outstanding shares of Oak Park River Forest common stock, the stock consideration was valued at \$29.3 million. Options to acquire 35,870 shares of Oak Park River Forest common stock that were outstanding at the OPRF Effective Time were cancelled, at the option holders election, in exchange for a cash payment in accordance with the OPRF Merger agreement of \$4.2 million, to be paid after the closing date. The value of the total merger consideration at closing was \$35.5 million before issuance costs of \$429,000.

The transaction resulted in goodwill of \$17.5 million, which is nondeductible for tax purposes, as this acquisition was a nontaxable transaction. Goodwill represents the premium paid over the fair value of the net tangible and intangible assets acquired and reflects related synergies expected from the combined operations. The Company incurred Oak Park River Forest merger-related expenses, including acquisition advisory expenses, of \$2.3 million for the nine months ended September 30, 2019. The Company incurred merger-related income of \$135,000 for the three months ended September 30, 2019, resulting from a legal fee credit. Core system conversion expenses were \$1.2 million \$1.9 million related to the Oak Park River Forest acquisition for the three and nine months ended September 30, 2019, respectively. These expenses are reflected in non-interest expense on the Consolidated Statements of Operations.

The acquisition of Oak Park River Forest was accounted for using the acquisition method of accounting in accordance with ASC Topic 805. Assets acquired, liabilities assumed and consideration exchanged were recorded at their respective acquisition date fair values. Determining the fair value of assets and liabilities involves significant judgment regarding methods and assumptions used to calculate estimated fair values. Fair values are preliminary and subject to refinement for up to one year after the closing date of the acquisition as additional information regarding the closing date fair values become available.

On May 31, 2018, the Company acquired all common stock of First Evanston Bancorp, Inc. (“First Evanston”) and its subsidiaries pursuant to an Agreement and Plan of Merger, dated as of November 27, 2017 (the “Merger Agreement”). First Evanston operated two wholly owned subsidiaries, First Bank & Trust and First Evanston Bancorp Trust I. First Evanston was merged with and into Byline. As a result of the merger, First Evanston’s subsidiary bank, First Bank & Trust, was merged with and into Byline Bank, with Byline Bank as the surviving bank.

At the effective time of the merger (the “Effective Time”), each share of First Evanston’s common stock was converted into the right to receive: (1) 3.994 shares of Byline’s common stock, and (2) an amount in cash equal to \$27.0 million divided by the number of outstanding shares of First Evanston common stock as of the closing date, with cash paid in lieu of any fractional shares. The per share cash consideration was based on the total \$27.0 million divided by the outstanding shares of First Evanston common stock, or \$16.136 per outstanding share. Based on the closing price of the Company’s common stock of \$21.62, as reported by the New York Stock Exchange, and 6,682,850 shares of common stock issued with respect to the outstanding shares of First Evanston common stock, the stock consideration was valued at \$144.5 million. Options to acquire 144,090 shares of First Evanston common stock that were outstanding at the Effective Time were converted into options to acquire 680,787 shares of Byline common stock, resulting in a consideration value of \$7.6 million. The value of the total merger consideration at closing was \$179.1 million before issuance costs of \$852,000.

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The transaction resulted in goodwill of \$73.6 million, which is nondeductible for tax purposes, as this acquisition was a nontaxable transaction. The Company incurred First Evanston merger-related expenses, including acquisition advisory expenses, of \$50,000 for the three months ended September 30, 2018. There were no merger-related expenses incurred for the three months ended September 30, 2019. Merger-related expenses were \$1.7 million for the nine months ended September 30, 2018. There were no merger-related expenses incurred for the nine months ended September 30, 2019. Core system conversion expenses were \$76,000 related to the First Evanston acquisition for the three months ended September 30, 2019. There were \$213,000 of core system conversion expenses incurred during the three months ended September 30, 2018. Core system conversion expenses were \$2.0 million and \$9.2 million for the nine months ended September 30, 2019 and 2018, respectively. These expenses are reflected in non-interest expense on the Consolidated Statements of Operations.

The acquisition of First Evanston was accounted for using the acquisition method of accounting in accordance with ASC Topic 805. Assets acquired, liabilities assumed and consideration exchanged were recorded at their respective acquisition date fair values. Determining the fair value of assets and liabilities involves significant judgment regarding methods and assumptions used to calculate estimated fair values. The fair value adjustments associated with the First Evanston transaction were finalized during the fourth quarter of 2018.

The following table presents a summary of the fair values of assets acquired and liabilities assumed as of the acquisition dates:

	Preliminary Estimates April 30, 2019 Oak Park River Forest	May 31, 2018 First Evanston
Assets		
Cash and cash equivalents	\$ 10,469	\$ 47,378
Securities available-for-sale	30,343	128,063
Restricted stock	414	1,360
Loans	261,151	916,011
Premises and equipment	3,488	15,890
Other real estate owned	2,201	—
Other intangible assets	6,220	22,276
Bank-owned life insurance	3,485	—
Deferred tax assets, net	4,887	2,302
Other assets	1,256	8,845
Total assets acquired	<u>323,914</u>	<u>1,142,125</u>
Liabilities		
Deposits	290,171	1,022,268
Line of credit	5,655	—
Federal Home Loan Bank advances	5,300	—
Junior subordinated debentures	—	8,497
Accrued expenses and other liabilities	4,766	5,844
Total liabilities assumed	<u>305,892</u>	<u>1,036,609</u>
Net assets acquired	<u>\$ 18,022</u>	<u>\$ 105,516</u>
Consideration paid		
Common stock (2019 - 1,464,558 shares issued at \$20.02 per share, 2018 - 6,682,850 shares issued at \$21.62 per share)	29,320	144,483
Outstanding stock options converted to Byline stock options	—	7,644
Cash paid	6,163	27,004
Total consideration paid	<u>35,483</u>	<u>179,131</u>
Goodwill	<u>\$ 17,461</u>	<u>\$ 73,615</u>

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The following table presents the acquired non-impaired loans as of the acquisition dates:

	April 30, 2019	May 31, 2018
	Oak Park River	First Evanston
	Forest	
Fair value	\$ 212,587	\$ 890,986
Gross contractual amounts receivable	275,553	1,057,374
Estimate of contractual cash flows not expected to be collected ⁽¹⁾	23,932	36,544
Estimate of contractual cash flows expected to be collected	251,621	1,020,830

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- (1) Includes interest payments not expected to be collected due to loan prepayments as well as principal and interest payments not expected to be collected due to customer default.

The discount on the acquired non-impaired loans is being accreted into income over the life of the loans on an effective yield basis.

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The following table provides the unaudited pro forma information for the results of operations for the three and nine months ended September 30, 2019 and 2018, as if the acquisitions had occurred on January 1, 2018. The pro forma results combine the historical results of First Evanston and Oak Park River Forest into the Company's Consolidated Statements of Operations, including the impact of certain acquisition accounting adjustments, which includes loan discount accretion, intangible assets amortization, deposit premium accretion, and borrowing, net of discount amortization. The pro forma results have been prepared for comparative purposes only and are not necessarily indicative of the results that would have been obtained had the acquisition actually occurred on January 1, 2018. No assumptions have been applied to the pro forma results of operations regarding possible revenue enhancements, provision for credit losses, expense efficiencies or asset dispositions. The acquisition-related expenses that have been recognized are included in net income in the following table for the three and nine months ended September 30, 2019 and 2018.

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2019	2018	2019	2018
Total revenues (net interest income and non-interest income)	\$ 72,644	\$ 69,019	\$ 209,765	\$ 200,371
Net income	\$ 15,342	\$ 15,673	\$ 45,138	\$ 42,160
Earnings per share—basic	\$ 0.40	\$ 0.41	\$ 1.18	\$ 1.11
Earnings per share—diluted	\$ 0.39	\$ 0.40	\$ 1.16	\$ 1.08

The operating results of the Company include the operating results produced by the acquired assets and assumed liabilities of First Evanston for the period beginning June 1, 2018 through September 30, 2019, and Oak Park River Forest for the period beginning May 1, 2019 through September 30, 2019. Revenues and earnings of the acquired companies since the acquisition date have not been disclosed as it is not practicable as First Evanston and Oak Park River Forest were both merged into the Company and separate financial information is not readily available.

Note 4—Securities

The following tables summarize the amortized cost and fair values of securities available-for-sale, securities held-to-maturity and equity and other securities as of the dates shown and the corresponding amounts of gross unrealized gains and losses:

September 30, 2019	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Available-for-sale				
U.S. Treasury Notes	\$ 42,381	\$ 461	\$ —	\$ 42,842
U.S. Government agencies	177,082	1,048	(272)	177,858
Obligations of states, municipalities, and political subdivisions	96,564	2,269	(231)	98,602
Residential mortgage-backed securities				
Agency	329,145	2,178	(2,313)	329,010
Non-agency	119,661	644	(245)	120,060
Commercial mortgage-backed securities				
Agency	150,891	1,698	(556)	152,033
Non-agency	31,224	276	—	31,500
Corporate securities	46,821	415	(42)	47,194
Other securities	32,955	—	(121)	32,834
Total	<u>\$ 1,026,724</u>	<u>\$ 8,989</u>	<u>\$ (3,780)</u>	<u>\$ 1,031,933</u>

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September 30, 2019	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Held-to-maturity				
Obligations of states, municipalities, and political subdivisions	\$ 4,417	\$ 85	\$ —	\$ 4,502
Total	\$ 4,417	\$ 85	\$ —	\$ 4,502

December 31, 2018	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Available-for-sale				
U.S. Treasury Notes	\$ 52,775	\$ 81	\$ (189)	\$ 52,667
U.S. Government agencies	187,427	367	(1,296)	186,498
Obligations of states, municipalities, and political subdivisions	60,686	133	(586)	60,233
Residential mortgage-backed securities				
Agency	284,038	101	(11,176)	272,963
Non-agency	84,998	199	(1,576)	83,621
Commercial mortgage-backed securities				
Agency	93,543	55	(3,164)	90,434
Non-agency	31,458	—	(1,000)	30,458
Corporate securities	34,716	67	(610)	34,173
Other securities	4,613	2,127	(131)	6,609
Total	\$ 834,254	\$ 3,130	\$ (19,728)	\$ 817,656

December 31, 2018	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Held-to-maturity				
Obligations of states, municipalities, and political subdivisions	\$ 23,835	\$ 40	\$ (210)	\$ 23,665
Residential mortgage-backed securities				
Agency	40,082	93	(531)	39,644
Non-agency	35,349	—	(919)	34,430
Total	\$ 99,266	\$ 133	\$ (1,660)	\$ 97,739

The Company did not classify securities as trading during the three or nine months ended September 30, 2019 or during 2018.

The Company adopted the provisions of ASU No. 2016-01 as of January 1, 2019. The adoption of this ASU resulted in the reclassification of available-for-sale equity securities, at fair value to a separate line item on the Company's Consolidated Statements of Financial Condition, and the reclassification of \$1.4 million from other comprehensive income to retained earnings, representing the net unrealized gain, net of tax, on available-for-sale for sale equity securities at the date of adoption. At December 31, 2018, the Company held \$6.6 million of available-for-sale equity investment securities which were reported as available-for-sale securities, at fair value, and are now reported as equity and other securities, at fair value. Additionally, the Company adopted the provisions of ASU No. 2017-12 on January 1, 2019, and elected to reclassify \$94.8 million of securities held-to-maturity to securities available-for-sale, which did not have an impact on the Consolidated Statements of Operations.

BYLINE BANCORP, INC. AND SUBSIDIARIES
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Gross unrealized losses and fair values, aggregated by investment category and length of time that individual securities have been in a continuous unrealized loss position as of September 30, 2019 and December 31, 2018, are summarized as follows:

		Less than 12 Months		12 Months or Longer		Total	
	# of Securities	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
September 30, 2019							
Available-for-sale							
U.S. Government agencies	5	\$ 14,834	\$ (163)	\$ 20,266	\$ (109)	\$ 35,100	\$ (272)
Obligations of states, municipalities and political subdivisions	4	9,960	(226)	1,417	(5)	11,377	(231)
Residential mortgage-backed securities							
Agency	40	32,436	(179)	204,649	(2,134)	237,085	(2,313)
Non-agency	11	36,826	(62)	28,142	(183)	64,968	(245)
Commercial mortgage-backed securities							
Agency	8	38,571	(256)	33,769	(300)	72,340	(556)
Corporate securities	5	9,276	(42)	—	—	9,276	(42)
Other securities	1	32,834	(121)	—	—	32,834	(121)
Total	74	\$ 174,737	\$ (1,049)	\$ 288,243	\$ (2,731)	\$ 462,980	\$ (3,780)

		Less than 12 Months		12 Months or Longer		Total	
	# of Securities	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
December 31, 2018							
Available-for-sale							
U.S. Treasury Notes	18	\$ 23,835	\$ (52)	\$ 9,865	\$ (137)	\$ 33,700	\$ (189)
U.S. Government agencies	25	43,487	(80)	50,101	(1,216)	93,588	(1,296)
Obligations of states, municipalities and political subdivisions	56	13,926	(97)	18,563	(489)	32,489	(586)
Residential mortgage-backed securities							
Agency	42	4,288	(45)	254,121	(11,131)	258,409	(11,176)
Non-agency	8	59,107	(1,378)	4,009	(198)	63,116	(1,576)
Commercial mortgage-backed securities							
Agency	9	21,356	(447)	52,640	(2,717)	73,996	(3,164)
Non-agency	5	—	—	30,458	(1,000)	30,458	(1,000)
Corporate securities	15	25,762	(342)	4,642	(268)	30,404	(610)
Other securities	1	—	—	2,844	(131)	2,844	(131)
Total	179	\$ 191,761	\$ (2,441)	\$ 427,243	\$ (17,287)	\$ 619,004	\$ (19,728)

		Less than 12 Months		12 Months or Longer		Total	
	# of Securities	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
December 31, 2018							
Held-to-maturity							
Obligations of states, municipalities, and political subdivisions	23	\$ 8,127	\$ (58)	\$ 8,792	\$ (152)	\$ 16,919	\$ (210)
Residential mortgage-backed securities							
Agency	16	6,625	(150)	21,139	(381)	27,764	(531)
Non-agency	7	21,499	(503)	12,931	(416)	34,430	(919)
Total	46	\$ 36,251	\$ (711)	\$ 42,862	\$ (949)	\$ 79,113	\$ (1,660)

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Certain securities have fair values less than amortized cost and, therefore, contain unrealized losses. The Company evaluated the securities which had an unrealized loss for other than temporary impairment and determined all declines in value to be temporary. There were 74 securities available-for-sale with unrealized losses at September 30, 2019. There were no securities held-to-maturity with unrealized losses at September 30, 2019. The Company anticipates full recovery of amortized cost with respect to these securities by maturity, or sooner, in the event of a more favorable market interest rate environment. The Company does not intend to sell these securities and it is not more likely than not that the Company will be required to sell them before recovery of their amortized cost basis, which may be at maturity.

The proceeds from all sales of securities available-for-sale, and the associated gains and losses, for the three and nine months ended September 30, 2019 and 2018 are listed below:

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2019	2018	2019	2018
Proceeds	\$ 32,509	\$ —	\$ 92,103	\$ 544
Gross gains	225	—	1,274	4
Gross losses	47	—	123	—

There were \$178,000 in net gains reclassified from accumulated other comprehensive income into earnings for the three months ended September 30, 2019. There were no net gains reclassified from accumulated other comprehensive income into earnings for the three months ended September 30, 2018. There were \$1.2 million and \$4,000 in net gains reclassified from accumulated other comprehensive income into earnings for the nine months ended September 30, 2019 and 2018, respectively.

Securities pledged at September 30, 2019 and December 31, 2018 had carrying amounts of \$306.9 million and \$244.7 million, respectively. At September 30, 2019 and December 31, 2018, of those pledged, the carrying amounts of securities pledged as collateral for public fund deposits were \$263.3 million and \$197.8 million, respectively, and for customer repurchase agreements of \$43.6 million and \$46.9 million, respectively. At September 30, 2019 and December 31, 2018, there were no securities pledged for advances from the Federal Home Loan Bank. Other securities were pledged for derivative positions, letters of credit and for purposes required or permitted by law. At September 30, 2019 and December 31, 2018, there were no holdings of securities of any one issuer, other than the U.S. Government and its agencies, in an amount greater than 10% of stockholders' equity.

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At September 30, 2019, the amortized cost and fair value of debt securities are shown by contractual maturity. Expected maturities may differ from contractual maturities if borrowers have the right to call or prepay obligations with or without call or prepayment penalties. Securities not due at a single maturity date are shown separately.

	Amortized Cost	Fair Value
Equity and other securities, at fair value		
Due after ten years	\$ 697	\$ 697
No defined maturity	6,951	6,951
Total	<u>\$ 7,648</u>	<u>\$ 7,648</u>
Available-for-sale		
Due in one year or less	\$ 59,697	\$ 59,875
Due from one to five years	123,941	125,158
Due from five to ten years	136,438	137,993
Due after ten years	75,727	76,304
Mortgage-backed securities	630,921	632,603
Total	<u>\$ 1,026,724</u>	<u>\$ 1,031,933</u>
Held-to-maturity		
Due from one to five years	\$ 3,805	\$ 3,873
Due from five to ten years	612	629
Total	<u>\$ 4,417</u>	<u>\$ 4,502</u>

Note 5—Loan and Lease Receivables

Outstanding loan and lease receivables as of the dates shown were categorized as follows:

	September 30, 2019	December 31, 2018
Commercial real estate	\$ 1,305,438	\$ 1,261,594
Residential real estate	748,875	704,899
Construction, land development, and other land	281,868	186,258
Commercial and industrial	1,300,997	1,145,240
Installment and other	9,284	13,675
Lease financing receivables	180,273	187,797
Total loans and leases	3,826,735	3,499,463
Net unamortized deferred fees and costs	1,444	(1,293)
Initial direct costs	2,911	3,456
Allowance for loan and lease losses	(31,585)	(25,201)
Net loans and leases	<u>\$ 3,799,505</u>	<u>\$ 3,476,425</u>
	September 30, 2019	December 31, 2018
Lease financing receivables		
Net minimum lease payments	\$ 196,163	\$ 204,646
Unguaranteed residual values	1,379	1,535
Unearned income	(17,269)	(18,384)
Total lease financing receivables	180,273	187,797
Initial direct costs	2,911	3,456
Lease financial receivables before allowance for lease losses	<u>\$ 183,184</u>	<u>\$ 191,253</u>

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Total loans and leases consist of originated loans and leases, acquired impaired loans and acquired non-impaired loans and leases. At September 30, 2019 and December 31, 2018, total loans and leases included the guaranteed amount of U.S. government guaranteed loans of \$139.8 million and \$108.7 million, respectively. At September 30, 2019 and December 31, 2018, installment and other loans included overdraft deposits of \$2.0 million and \$1.7 million, respectively, which were reclassified as loans. At September 30, 2019 and December 31, 2018, loans and loans held for sale pledged as security for borrowings were \$1.9 billion and \$1.4 billion.

The minimum annual lease payments for lease financing receivables as of September 30, 2019 are summarized as follows:

	Minimum Lease Payments
2019	\$ 18,025
2020	70,292
2021	51,235
2022	33,733
2023	17,614
Thereafter	5,264
Total	\$ 196,163

Originated loans and leases represent originations excluding loans initially acquired in a business combination. However, once an acquired non-impaired loan reaches its maturity date, and is re-underwritten and renewed, it is internally classified as an originated loan. Acquired impaired loans are loans acquired from a business combination with evidence of credit quality deterioration and are accounted for under ASC Topic 310-30. Acquired non-impaired loans and leases represent loans and leases acquired from a business combination without more than insignificant evidence of credit quality deterioration and are accounted for under ASC Topic 310-20. Acquired leases and revolving loans having evidence of credit quality deterioration do not qualify to be accounted for as acquired impaired loans and are accounted for under ASC Topic 310-20. The following tables summarize the balances for each respective loan and lease category as of September 30, 2019 and December 31, 2018:

September 30, 2019	Originated	Acquired Impaired	Acquired Non- Impaired	Total
Commercial real estate	\$ 772,559	\$ 142,435	\$ 391,294	\$ 1,306,288
Residential real estate	497,839	109,409	141,855	749,103
Construction, land development, and other land	236,780	4,562	39,657	280,999
Commercial and industrial	1,096,400	18,349	187,413	1,302,162
Installment and other	7,818	267	1,269	9,354
Lease financing receivables	160,061	—	23,123	183,184
Total loans and leases	\$ 2,771,457	\$ 275,022	\$ 784,611	\$ 3,831,090

December 31, 2018	Originated	Acquired Impaired	Acquired Non- Impaired	Total
Commercial real estate	\$ 652,234	\$ 146,808	\$ 462,565	\$ 1,261,607
Residential real estate	466,309	113,934	124,659	704,902
Construction, land development, and other land	144,128	3,779	37,442	185,349
Commercial and industrial	803,508	12,617	328,672	1,144,797
Installment and other	11,718	404	1,596	13,718
Lease financing receivables	159,901	—	31,352	191,253
Total loans and leases	\$ 2,237,798	\$ 277,542	\$ 986,286	\$ 3,501,626

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Acquired impaired loans—As part of the First Evanston acquisition, the Bank acquired impaired loans that are accounted for under ASC 310-30 in the amount of \$25.0 million. As part of the Oak Park River Forest acquisition, the Bank acquired impaired loans in the amount of \$48.6 million. Refer to Note 3—Acquisitions for additional information regarding the transaction. The following table presents a reconciliation of the undiscounted contractual cash flows, non-accretable difference, accretable yield, and fair value of acquired impaired loans as of the acquisition date of May 31, 2018 (First Evanston) and April 30, 2019 (Oak Park River Forest):

	First Evanston	Oak Park River Forest
Undiscounted contractual cash flows	\$ 33,594	\$ 65,223
Undiscounted cash flows not expected to be collected (non-accretable difference)	(5,003)	(8,158)
Undiscounted cash flows expected to be collected	28,591	57,065
Accretable yield at acquisition	(3,566)	(8,501)
Estimated fair value of impaired loans acquired at acquisition	<u>\$ 25,025</u>	<u>\$ 48,564</u>

The outstanding balance and carrying amount of all acquired impaired loans are summarized below. The balances do not include an allowance for loan and lease losses of \$2.8 million and \$2.7 million, at September 30, 2019 and December 31, 2018, respectively.

	September 30, 2019		December 31, 2018	
	Outstanding Balance	Carrying Value	Outstanding Balance	Carrying Value
Commercial real estate	\$ 196,495	\$ 142,435	\$ 216,137	\$ 146,808
Residential real estate	161,742	109,409	173,962	113,934
Construction, land development, and other land	13,276	4,562	11,962	3,779
Commercial and industrial	27,320	18,349	24,972	12,617
Installment and other	1,121	267	1,735	404
Total acquired impaired loans	<u>\$ 399,954</u>	<u>\$ 275,022</u>	<u>\$ 428,768</u>	<u>\$ 277,542</u>

The following table summarizes the changes in accretable yield for acquired impaired loans for the three and nine months ended September 30, 2019 and 2018:

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2019	2018	2019	2018
Beginning balance	\$ 46,538	\$ 41,306	\$ 37,115	\$ 36,446
Additions	—	—	8,501	3,566
Accretion to interest income	(7,703)	(5,665)	(17,772)	(17,227)
Reclassification from nonaccretable difference, net	5,153	2,507	16,144	15,363
Ending balance	<u>\$ 43,988</u>	<u>\$ 38,148</u>	<u>\$ 43,988</u>	<u>\$ 38,148</u>

Acquired non-impaired loans and leases—The Company acquired non-impaired loans as part of the First Evanston acquisition in the amount of \$891.0 million. The Company acquired non-impaired loans as part of the Oak Park River Forest acquisition in the amount of \$212.6 million. Refer to Note 3—Acquisitions for additional information regarding the transaction.

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The unpaid principal balance and carrying value for acquired non-impaired loans and leases at September 30, 2019 and December 31, 2018 were as follows:

	September 30, 2019		December 31, 2018	
	Unpaid Principal Balance	Carrying Value	Unpaid Principal Balance	Carrying Value
Commercial real estate	\$ 400,422	\$ 391,294	\$ 473,262	\$ 462,565
Residential real estate	144,075	141,855	127,478	124,659
Construction, land development, and other land	40,778	39,657	38,494	37,442
Commercial and industrial	194,756	187,413	344,879	328,672
Installment and other	1,303	1,269	1,831	1,596
Lease financing receivables	24,754	23,123	32,977	31,352
Total acquired non-impaired loans and leases	<u>\$ 806,088</u>	<u>\$ 784,611</u>	<u>\$ 1,018,921</u>	<u>\$ 986,286</u>

Note 6—Allowance for Loan and Lease Losses and Reserve for Unfunded Commitments

Loans and leases considered for inclusion in the allowance for loan and lease losses include acquired non-impaired loans and leases, those acquired impaired loans with credit deterioration after acquisition, and originated loans and leases. Although all acquired loans and leases are included in the following table, only those with credit deterioration subsequent to acquisition date are actually included in the allowance for loan and lease losses.

The following tables summarize the balance and activity within the allowance for loan and lease losses, the components of the allowance for loan and lease losses in terms of loans and leases individually and collectively evaluated for impairment, and corresponding loan and lease balances by type for the three and nine months ended September 30, 2019 and 2018 are as follows:

	Commercial Real Estate	Residential Real Estate	Construction, Land Development, and Other Land	Commercial and Industrial	Installment and Other	Lease Financing Receivables	Total
September 30, 2019							
Allowance for loan and lease losses							
Three months ended							
Beginning balance	\$ 8,934	\$ 2,171	\$ 691	\$ 17,126	\$ 67	\$ 2,143	\$ 31,132
Provisions	1,075	74	125	4,198	(12)	471	5,931
Charge-offs	(1,459)	—	—	(3,561)	(1)	(665)	(5,686)
Recoveries	3	6	—	20	1	178	208
Ending balance	<u>\$ 8,553</u>	<u>\$ 2,251</u>	<u>\$ 816</u>	<u>\$ 17,783</u>	<u>\$ 55</u>	<u>\$ 2,127</u>	<u>\$ 31,585</u>
Nine months ended							
Beginning balance	\$ 7,540	\$ 1,751	\$ 466	\$ 12,932	\$ 49	\$ 2,463	\$ 25,201
Provisions	4,212	230	350	10,550	10	969	16,321
Charge-offs	(3,628)	(9)	—	(5,740)	(5)	(1,932)	(11,314)
Recoveries	429	279	—	41	1	627	1,377
Ending balance	<u>\$ 8,553</u>	<u>\$ 2,251</u>	<u>\$ 816</u>	<u>\$ 17,783</u>	<u>\$ 55</u>	<u>\$ 2,127</u>	<u>\$ 31,585</u>
Ending balance:							
Individually evaluated for impairment	\$ 2,728	\$ 39	\$ —	\$ 6,795	\$ —	\$ —	\$ 9,562
Collectively evaluated for impairment	4,458	1,612	802	10,169	53	2,127	19,221
Loans acquired with deteriorated credit quality	1,367	600	14	819	2	—	2,802
Total allowance for loan and lease losses	<u>\$ 8,553</u>	<u>\$ 2,251</u>	<u>\$ 816</u>	<u>\$ 17,783</u>	<u>\$ 55</u>	<u>\$ 2,127</u>	<u>\$ 31,585</u>

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	Commercial Real Estate	Residential Real Estate	Construction, Land Development, and Other Land	Commercial and Industrial	Installment and Other	Lease Financing Receivables	Total
September 30, 2019							
Loans and leases ending balance:							
Individually evaluated for impairment	\$ 24,071	\$ 2,374	\$ —	\$ 26,731	\$ —	\$ —	\$ 53,176
Collectively evaluated for impairment	1,139,782	637,320	276,437	1,257,082	9,087	183,184	3,502,892
Loans acquired with deteriorated credit quality	142,435	109,409	4,562	18,349	267	—	275,022
Total loans and leases	<u>\$ 1,306,288</u>	<u>\$ 749,103</u>	<u>\$ 280,999</u>	<u>\$ 1,302,162</u>	<u>\$ 9,354</u>	<u>\$ 183,184</u>	<u>\$3,831,090</u>

	Commercial Real Estate	Residential Real Estate	Construction, Land Development, and Other Land	Commercial and Industrial	Installment and Other	Lease Financing Receivables	Total
September 30, 2018							
Allowance for loan and lease losses							
Three months ended							
Beginning balance	\$ 6,453	\$ 1,648	\$ 332	\$ 8,369	\$ 30	\$ 2,855	\$ 19,687
Provisions	1,705	29	58	3,579	12	459	5,842
Charge-offs	(736)	—	—	(858)	(4)	(823)	(2,421)
Recoveries	—	—	—	75	—	241	316
Ending balance	<u>\$ 7,422</u>	<u>\$ 1,677</u>	<u>\$ 390</u>	<u>\$ 11,165</u>	<u>\$ 38</u>	<u>\$ 2,732</u>	<u>\$ 23,424</u>

Nine months ended							
Beginning balance	\$ 4,794	\$ 1,638	\$ 222	\$ 7,418	\$ 41	\$ 2,593	\$ 16,706
Provisions	3,975	39	586	8,959	33	1,321	14,913
Charge-offs	(1,347)	—	(418)	(5,539)	(36)	(1,888)	(9,228)
Recoveries	—	—	—	327	—	706	1,033
Ending balance	<u>\$ 7,422</u>	<u>\$ 1,677</u>	<u>\$ 390</u>	<u>\$ 11,165</u>	<u>\$ 38</u>	<u>\$ 2,732</u>	<u>\$ 23,424</u>
Ending balance:							
Individually evaluated for impairment	\$ 2,294	\$ 70	\$ —	\$ 4,044	\$ 14	\$ —	\$ 6,422
Collectively evaluated for impairment	3,413	1,150	390	6,301	21	2,732	14,007
Loans acquired with deteriorated credit quality	1,715	457	—	820	3	—	2,995
Total allowance for loan and lease losses	<u>\$ 7,422</u>	<u>\$ 1,677</u>	<u>\$ 390</u>	<u>\$ 11,165</u>	<u>\$ 38</u>	<u>\$ 2,732</u>	<u>\$ 23,424</u>

	Commercial Real Estate	Residential Real Estate	Construction, Land Development, and Other Land	Commercial and Industrial	Installment and Other	Lease Financing Receivables	Total
September 30, 2018							
Loans and leases ending balance:							
Individually evaluated for impairment	\$ 13,612	\$ 1,941	\$ —	\$ 19,962	\$ 14	\$ —	\$ 35,529
Collectively evaluated for impairment	1,104,484	582,292	177,502	1,061,048	11,722	189,057	3,126,105
Loans acquired with deteriorated credit quality	154,108	120,963	4,203	14,436	458	—	294,168
Total loans and leases	<u>\$ 1,272,204</u>	<u>\$ 705,196</u>	<u>\$ 181,705</u>	<u>\$ 1,095,446</u>	<u>\$ 12,194</u>	<u>\$ 189,057</u>	<u>\$3,455,802</u>

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The Company increased the allowance for loan and lease losses by \$453,000 and \$6.4 million for the three and nine months ended September 30, 2019, respectively. The Company increased the allowance for loan and lease losses by \$3.7 million and \$6.7 million for the three and nine months ended September 30, 2018, respectively. For acquired impaired loans, the Company decreased the allowance for loan and lease losses by \$480,000 for the three months ended September 30, 2019. The Company increased the allowance for acquired impaired loan and lease losses by \$260,000 for the nine months ended September 30, 2019. The Company increased the allowance for loan and lease losses for acquired impaired loans by \$244,000 for the three months ended September 30, 2018, and decreased the allowance for loan and lease losses by \$879,000 for the nine months ended September 30, 2018.

For loans individually evaluated for impairment, the Company increased the allowance for loan and lease losses by \$276,000 and \$2.9 million for the three and nine months ended September 30, 2019, respectively. The Company increased the allowance for loan and lease losses by \$1.5 million and \$2.5 million for the three and nine months ended September 30, 2018, respectively. For loans collectively evaluated for impairment, the Company increased the allowance for loan and lease losses by \$850,000 and \$3.4 million for the three and nine months ended September 30, 2019, respectively. The Company increased the allowance for loan and lease losses by \$2.0 million and \$5.1 million for the three and nine months ended September 30, 2018, respectively.

The following tables summarize the recorded investment, unpaid principal balance, and related allowance for loans and leases considered impaired as of September 30, 2019 and December 31, 2018, which excludes acquired impaired loans:

	Recorded Investment	Unpaid Principal Balance	Related Allowance
September 30, 2019			
With no related allowance recorded			
Commercial real estate	\$ 15,636	\$ 16,653	\$ —
Residential real estate	2,246	2,356	—
Commercial and industrial	9,557	10,510	—
With an allowance recorded			
Commercial real estate	8,435	9,246	2,728
Residential real estate	128	146	39
Commercial and industrial	17,174	18,353	6,795
Total impaired loans	<u>\$ 53,176</u>	<u>\$ 57,264</u>	<u>\$ 9,562</u>
December 31, 2018			
With no related allowance recorded			
Commercial real estate	\$ 6,110	\$ 7,693	\$ —
Residential real estate	1,886	1,858	—
Commercial and industrial	11,193	13,961	—
With an allowance recorded			
Commercial real estate	5,873	6,313	2,191
Residential real estate	251	253	61
Commercial and industrial	10,601	11,153	4,397
Total impaired loans	<u>\$ 35,914</u>	<u>\$ 41,231</u>	<u>\$ 6,649</u>

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The following tables summarize the average recorded investment and interest income recognized for loans and leases considered impaired, which excludes acquired impaired loans, for the nine months ended as follows:

September 30, 2019	Average Recorded Investment	Interest Income Recognized
With no related allowance recorded		
Commercial real estate	\$ 9,379	\$ 761
Residential real estate	1,914	60
Commercial and industrial	11,889	482
With an allowance recorded		
Commercial real estate	8,238	479
Residential real estate	207	7
Commercial and industrial	13,543	668
Total impaired loans	\$ 45,170	\$ 2,457

September 30, 2018	Average Recorded Investment	Interest Income Recognized
With no related allowance recorded		
Commercial real estate	\$ 9,441	\$ 232
Residential real estate	1,910	24
Construction, land development and other land	—	15
Commercial and industrial	8,018	194
With an allowance recorded		
Commercial real estate	5,022	16
Residential real estate	330	3
Commercial and industrial	9,047	484
Installment and other	14	9
Total impaired loans	\$ 33,782	\$ 977

For purposes of these tables, the unpaid principal balance represents the outstanding contractual balance. Impaired loans include loans that are individually evaluated for impairment as well as troubled debt restructurings for all loan categories. The sum of non-accrual loans and loans past due 90 days still on accrual will differ from the total impaired loan amount.

The following tables summarize the risk rating categories of the loans and leases considered for inclusion in the allowance for loan and lease losses calculation, excluding acquired impaired loans, as of September 30, 2019 and December 31, 2018:

	Commercial Real Estate	Residential Real Estate	Construction, Land Development, and Other Land	Commercial and Industrial	Installment and Other	Lease Financing Receivables	Total
September 30, 2019							
Pass	\$ 1,008,797	\$ 608,106	\$ 254,745	\$ 1,034,730	\$ 8,916	\$ 179,954	\$3,095,248
Watch	103,761	10,986	14,544	183,458	170	16	312,935
Special Mention	24,998	17,975	7,148	24,289	—	2,097	76,507
Substandard	26,297	2,627	—	41,336	1	595	70,856
Doubtful	—	—	—	—	—	522	522
Loss	—	—	—	—	—	—	—
Total	\$ 1,163,853	\$ 639,694	\$ 276,437	\$ 1,283,813	\$ 9,087	\$ 183,184	\$3,556,068

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	Commercial Real Estate	Residential Real Estate	Construction, Land Development, and Other Land	Commercial and Industrial	Installment and Other	Lease Financing Receivables	Total
December 31, 2018							
Pass	\$ 1,009,041	\$ 553,665	\$ 147,123	\$ 962,291	\$ 9,997	\$ 188,314	\$2,870,431
Watch	76,276	29,522	31,376	112,996	3,302	80	253,552
Special Mention	17,602	5,656	3,071	34,314	—	1,794	62,437
Substandard	11,880	2,125	—	22,579	15	818	37,417
Doubtful	—	—	—	—	—	247	247
Loss	—	—	—	—	—	—	—
Total	\$ 1,114,799	\$ 590,968	\$ 181,570	\$ 1,132,180	\$ 13,314	\$ 191,253	\$3,224,084

The following tables summarize contractual delinquency information for acquired non-impaired and originated loans and leases by category at September 30, 2019 and December 31, 2018:

	30-59 Days Past Due	60-89 Days Past Due	Greater than 90 Days and Accruing	Non- accrual	Total Past Due	Current	Total
September 30, 2019							
Commercial real estate	\$ 6,140	\$ 2,449	\$ —	\$ 12,186	\$ 20,775	\$ 1,143,078	\$ 1,163,853
Residential real estate	632	501	—	2,092	3,225	636,469	639,694
Construction, land development, and other land	—	3,203	—	—	3,203	273,234	276,437
Commercial and industrial	9,136	1,018	—	24,592	34,746	1,249,067	1,283,813
Installment and other	12	—	—	1	13	9,074	9,087
Lease financing receivables	651	460	—	657	1,768	181,416	183,184
Total	\$ 16,571	\$ 7,631	\$ —	\$ 39,528	\$ 63,730	\$ 3,492,338	\$ 3,556,068

	30-59 Days Past Due	60-89 Days Past Due	Greater than 90 Days and Accruing	Non- accrual	Total Past Due	Current	Total
December 31, 2018							
Commercial real estate	\$ 6,659	\$ 2,145	\$ —	\$ 9,484	\$ 18,288	\$ 1,096,511	\$ 1,114,799
Residential real estate	4,488	711	—	1,815	7,014	583,954	590,968
Construction, land development, and other land	—	—	—	—	—	181,570	181,570
Commercial and industrial	5,829	1,376	—	13,932	21,137	1,111,043	1,132,180
Installment and other	1,932	4	—	12	1,948	11,366	13,314
Lease financing receivables	789	530	—	591	1,910	189,343	191,253
Total	\$ 19,697	\$ 4,766	\$ —	\$ 25,834	\$ 50,297	\$ 3,173,787	\$ 3,224,084

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Trouble debt restructurings are granted due to borrower financial difficulty and provide for a modification of loan repayment terms. TDRs are treated in the same manner as impaired loans for purposes of calculating the allowance for loan and lease losses. The tables below present TDRs by loan category as of September 30, 2019 and December 31, 2018:

September 30, 2019	Number of Loans	Pre- Modification Outstanding Recorded Investment	Post- Modification Outstanding Recorded Investment	Charge-offs	Specific Reserves
Accruing:					
Commercial real estate	5	\$ 1,476	\$ 1,476	\$ —	\$ 179
Commercial and industrial	3	528	528	—	120
Residential real estate	2	200	200	—	—
Total accruing	10	2,204	2,204	—	299
Non-accruing:					
Commercial real estate	8	3,650	3,473	177	553
Commercial and industrial	10	7,493	5,622	1,871	1,268
Residential real estate	1	113	113	—	—
Total non-accruing	19	11,256	9,208	2,048	1,821
Total troubled debt restructurings	29	\$ 13,460	\$ 11,412	\$ 2,048	\$ 2,120

December 31, 2018	Number of Loans	Pre- Modification Outstanding Recorded Investment	Post- Modification Outstanding Recorded Investment	Charge-offs	Specific Reserves
Accruing:					
Commercial real estate	4	\$ 1,508	\$ 1,508	\$ —	\$ 113
Commercial and industrial	2	191	191	—	100
Residential real estate	1	114	114	—	—
Total accruing	7	1,813	1,813	—	213
Non-accruing:					
Commercial real estate	9	2,512	2,471	41	743
Commercial and industrial	6	6,714	4,843	1,871	1,290
Total non-accruing	15	9,226	7,314	1,912	2,033
Total troubled debt restructurings	22	\$ 11,039	\$ 9,127	\$ 1,912	\$ 2,246

In addition, there was a \$500,000 commitment outstanding on troubled debt restructurings at September 30, 2019 and December 31, 2018.

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Loans modified as troubled debt restructurings that occurred during the three and nine months ended September 30, 2019 and 2018:

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2019	2018	2019	2018
Accruing:				
Beginning balance	\$ 1,529	\$ 1,238	\$ 1,813	\$ 1,061
Additions	—	—	113	37
Net payments	(242)	(8)	(291)	(56)
Net transfers from (to) non-accrual	917	—	569	188
Ending balance	2,204	1,230	2,204	1,230
Non-accruing:				
Beginning balance	7,834	5,776	7,314	1,570
Additions	2,893	1,667	4,321	7,123
Net payments	(540)	(84)	(1,266)	(1,002)
Charge-offs	(62)	—	(592)	(144)
Net transfers from (to) accrual	(917)	—	(569)	(188)
Ending balance	9,208	7,359	9,208	7,359
Total troubled debt restructurings	<u>11,412</u>	<u>8,589</u>	<u>11,412</u>	<u>8,589</u>

Troubled debt restructurings that subsequently defaulted within twelve months of the restructure date during the three and nine months ended September 30, 2019 had a recorded investment of zero and \$348,000, respectively. Troubled debt restructurings that subsequently defaulted within twelve months of the restructure date during the three and nine months ended September 30, 2018 had a recorded investment of zero and \$340,000, respectively.

At September 30, 2019 and December 31, 2018, the reserve for unfunded commitments was \$1.3 million and \$1.2 million, respectively. During the three and nine months ended September 30, 2019, the provision for unfunded commitments was \$51,000 and \$78,000, respectively. During the three and nine months ended September 30, 2018, the provision for unfunded commitments was \$441,000 and \$496,000, respectively. There were no charge-offs or recoveries related to the reserve for unfunded commitments during the periods.

Note 7—Servicing Assets

Activity for servicing assets and the related changes in fair value for the three and nine months ended September 30, 2019 and 2018 is as follows:

	Three Months Ended		Nine Months Ended	
	September 30,		September 30,	
	2019	2018	2019	2018
Beginning balance	\$ 19,760	\$ 21,587	\$ 19,693	\$ 21,400
Additions, net	1,789	1,533	4,340	5,681
Changes in fair value	(1,610)	(2,446)	(4,094)	(6,407)
Ending balance	<u>\$ 19,939</u>	<u>\$ 20,674</u>	<u>\$ 19,939</u>	<u>\$ 20,674</u>

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Loans serviced for others are not included in the Consolidated Statements of Financial Condition. The unpaid principal balances of these loans serviced for others as of September 30, 2019 and December 31, 2018 were as follows:

	September 30, 2019	December 31, 2018
Loan portfolios serviced for:		
SBA guaranteed loans	\$ 1,197,725	\$ 1,151,915
USDA guaranteed loans	117,478	106,184
Total	<u>\$ 1,315,203</u>	<u>\$ 1,258,099</u>

Loan servicing revenue totaled \$2.7 and \$2.6 million for the three months ended September 30, 2019 and 2018, respectively. Loan servicing revenue totaled \$7.9 and \$7.6 million for the nine months ended September 30, 2019 and 2018, respectively. Loan servicing asset revaluation, which represents the changes in fair value of servicing assets, resulted in downward valuations of \$1.6 and \$2.4 million for the three months ended September 30, 2019 and 2018, respectively. Loan servicing asset revaluation resulted in downward valuations of \$4.1 and \$6.4 million for the nine months ended September 30, 2019 and 2018, respectively.

The fair value of servicing rights is highly sensitive to changes in underlying assumptions. Changes in prepayment speed assumptions have the most significant impact on the fair value of servicing rights.

Generally, as interest rates rise on variable rate loans, loan prepayments increase due to an increase in refinance activity, which may result in a decrease in the fair value of servicing assets. Measurement of fair value is limited to the conditions existing and the assumptions used as of a particular point in time, and those assumptions may change over time. Refer to Note 16—Fair Value Measurement for further details.

Note 8—Other Real Estate Owned

The following table presents the change in other real estate owned (“OREO”) for the three and nine months ended September 30, 2019 and 2018:

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2019	2018	2019	2018
Beginning balance	\$ 8,070	\$ 6,402	\$ 5,314	\$ 10,626
Acquisitions of OREO through business combination	—	—	2,201	—
Net additions to OREO	1,840	307	3,916	1,527
Proceeds from sales of OREO	(1,391)	(2,008)	(2,722)	(7,130)
Gains (losses) on sales of OREO	38	489	11	380
Valuation adjustments	(26)	(299)	(189)	(512)
Ending balance	<u>\$ 8,531</u>	<u>\$ 4,891</u>	<u>\$ 8,531</u>	<u>\$ 4,891</u>

At September 30, 2019 and December 31, 2018, the balance of real estate owned included \$688,000 and \$838,000, respectively, of foreclosed residential real estate properties recorded as a result of obtaining physical possession of the property.

At September 30, 2019 and December 31, 2018, the recorded investment of consumer mortgage loans secured by residential real estate properties for which formal foreclosure proceedings were in process is \$2.9 million and \$2.3 million, respectively.

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Proceeds from sales of OREO include proceeds from internally financed sales of OREO of \$183,000 for the nine months ended September 30, 2019. There were no internally financed sales of OREO for the three months ended September 30, 2019. Proceeds from internally financed sales of OREO were \$444,000 for the nine months ended September 30, 2018. There were no internally financed sales of OREO for the three months ended September 30, 2018.

Note 9—Goodwill, Core Deposit Intangible and Other Intangible Assets

The following tables summarize the changes in the Company's goodwill, core deposit intangible assets, and customer relationship intangible assets for the three and nine months ended September 30, 2019 and 2018:

	Nine Months Ended September 30,					
	2019			2018		
	Goodwill	Core Deposit Intangible	Customer Relationship Intangible	Goodwill	Core Deposit Intangible	Customer Relationship Intangible
Beginning balance	\$ 128,177	\$ 30,360	\$ 3,059	\$ 54,562	\$ 16,720	\$ —
Additions	17,461	6,220	—	72,974	19,060	3,216
Amortization	—	(5,534)	(200)	—	(3,685)	(89)
Ending balance	<u>\$ 145,638</u>	<u>\$ 31,046</u>	<u>\$ 2,859</u>	<u>\$ 127,536</u>	<u>\$ 32,095</u>	<u>\$ 3,127</u>
Accumulated amortization	N/A	\$ 24,420	\$ 358	N/A	\$ 17,151	89
Weighted average remaining amortization period	N/A	6.7 Years	10.7 Years	N/A	7.1 Years	11.7 Years

	Three Months Ended September 30,					
	2019			2018		
	Goodwill	Core Deposit Intangible	Customer Relationship Intangible	Goodwill	Core Deposit Intangible	Customer Relationship Intangible
Beginning balance	\$ 145,638	\$ 32,982	\$ 2,926	\$ 127,536	\$ 33,917	\$ 3,194
Additions	—	—	—	—	—	—
Amortization	—	(1,936)	(67)	—	(1,822)	(67)
Ending balance	<u>\$ 145,638</u>	<u>\$ 31,046</u>	<u>\$ 2,859</u>	<u>\$ 127,536</u>	<u>\$ 32,095</u>	<u>\$ 3,127</u>
Accumulated amortization	N/A	\$ 24,420	\$ 358	N/A	\$ 17,151	89
Weighted average remaining amortization period	N/A	6.7 Years	10.7 Years	N/A	7.1 Years	11.7 Years

The Company added additional goodwill, core deposit intangible assets, and customer relationship intangible assets in conjunction with the Oak Park River Forest and First Evanston acquisitions. Please refer to Note 3—Acquisitions for further details.

The following table presents the estimated amortization expense for core deposit intangible, customer relationship intangible, and other intangible assets recognized at September 30, 2019:

	Estimated Amortization
2019	\$ 2,002
2020	7,577
2021	7,012
2022	6,440
2023	4,336
Thereafter	6,538
Total	<u>\$ 33,905</u>

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Note 10—Income Taxes

The Company uses an estimated annual effective tax rate method in computing its interim tax provision. This effective tax rate is based on forecasted annual pre-tax income, permanent tax differences and statutory tax rates.

The effective tax rate for the nine months ended September 30, 2019 and 2018 was 27.7% and 24.4%, respectively. The Company recorded discrete income tax benefit of \$64,000 and \$362,000 related to the exercise of stock options and vesting of restricted shares for the nine months ended September 30, 2019 and 2018, respectively. The current effective tax rate reflects the passage of the Tax Cuts and Jobs Act (the “Tax Act”), which was enacted on December 22, 2017. Among other things, the Tax Act reduces the corporate federal income tax rate from 35% to 21%, effective January 1, 2018. Also on December 22, 2017, the SEC issued Staff Accounting Bulletin 118 (“SAB 118”), which provides guidance on accounting for the Tax Act’s impact. SAB 118 provides a measurement period, not to extend beyond one year from the date of enactment during which a company, acting in good faith, may complete the accounting for the impacts of the Tax Act. The Company recorded an additional discrete income tax benefit of \$724,000 during the first quarter of 2018. This adjustment includes the impact of the federal income tax rate decrease due to the Tax Act (enacted on December 22, 2017) on our net deferred tax assets.

Net deferred tax assets decreased to \$33.4 million at September 30, 2019 compared to \$35.6 million at December 31, 2018. The net decrease in the total net deferred tax assets recorded as of September 30, 2019 was a result of \$4.9 million in net deferred tax assets added related to the acquisition of Oak Park River Forest, offset by a decrease in net deferred tax assets related to unrealized losses on available-for-sale securities and utilization of operating loss carryforwards during the period.

Note 11—Deposits

The composition of deposits was as follows as of September 30, 2019 and December 31, 2018:

	September 30, 2019	December 31, 2018
Non-interest-bearing demand deposits	\$ 1,221,431	\$ 1,192,873
Interest-bearing checking accounts	372,049	296,339
Money market demand accounts	745,154	640,401
Other savings	471,878	476,418
Time deposits (below \$250,000)	966,866	911,603
Time deposits (\$250,000 and above)	302,936	232,282
Total deposits	<u>\$ 4,080,314</u>	<u>\$ 3,749,916</u>

Time deposits of \$250,000 or more included \$81.0 million and \$50.0 million of brokered deposits at September 30, 2019 and December 31, 2018, respectively.

Note 12—Federal Home Loan Bank Advances

The following table summarizes the FHLB advances as of September 30, 2019 and December 31, 2018:

	September 30, 2019	December 31, 2018
Federal Home Loan Bank advances	\$ 506,000	\$ 425,000
Weighted average cost	2.05%	2.56%

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At September 30, 2019, fixed-rate advances totaled \$506.0 million with interest rates ranging from 2.04% to 2.08% and maturities ranging from October 2019 to December 2019. The Company's advances from the FHLB are collateralized by residential real estate loans, commercial real estate loans, and securities. The Company's required investment in FHLB stock is \$4.50 for every \$100 in advances. At September 30, 2019 and December 31, 2018, the Bank has additional borrowing capacity from the FHLB of \$1.4 billion and \$1.3 billion, respectively, subject to the availability of proper collateral. The Bank's maximum borrowing capacity is limited to 35% of total assets.

The Company hedges interest rates on borrowed funds using interest rate swaps through which the Company receives variable amounts and pays fixed amounts. Refer to Note 17—Derivative Instruments and Hedging Activities for additional information.

Note 13—Other Borrowings

The following is a summary of the Company's other borrowings as of September 30, 2019 and December 31, 2018:

	September 30, 2019	December 31, 2018
Securities sold under agreements to repurchase	\$ 32,290	\$ 34,166
Line of credit	—	—
Total	<u>\$ 32,290</u>	<u>\$ 34,166</u>

Securities sold under agreements to repurchase represent a demand deposit product offered to customers that sweep balances in excess of the FDIC insurance limit into overnight repurchase agreements. The Company pledges securities as collateral for the repurchase agreements. Refer to Note 4—Securities for additional discussion.

On October 13, 2016, the Company entered into a \$30.0 million credit agreement with a correspondent bank. In April 2017, the revolving line of credit was amended to a non-revolving line of credit as long as the outstanding balance exceeds \$5.0 million. When the outstanding balance is reduced to \$5.0 million, the line of credit will be converted to a revolving line of credit with credit availability up to \$5.0 million until maturity. In July 2017, the Company repaid the outstanding balance, in full, under this line of credit of \$16.2 million with proceeds from its initial public offering ("IPO"). The line of credit matured on October 10, 2019 and carried an interest rate at either the London Interbank Offered Rate ("LIBOR") plus 225 basis points or the Prime Rate minus 50 basis points, based on the Company's election. On October 10, 2019, the Company entered into a fourth amendment to the revolving credit agreement, which increased the revolving loan commitment to \$15.0 million and extended the maturity of the credit facility to October 9, 2020. The amended revolving line of credit bears interest at either the LIBOR plus 195 basis points or the Prime Rate minus 75 basis points, based on the Company's election, which is required to be communicated at least three business days prior to the commencement of an interest period. If the Company fails to provide timely notification, the interest rate will be Prime Rate minus 75 basis points. At September 30, 2019 and December 31, 2018, the line of credit had no outstanding balance, therefore an interest rate option has not been selected.

On April 30, 2019, the Company drew on the line of credit for \$5.7 million and selected the LIBOR plus 225 basis points interest rate option, which was the interest rate option at the time of the draw. The funds were utilized to repay a line of credit assumed as a result of the Oak Park River Forest acquisition. The Company repaid the \$5.7 million outstanding balance of the line of credit in full on May 31, 2019.

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The following table presents short-term credit lines available for use, for which the Company did not have an outstanding balance as of September 30, 2019 and December 31, 2018:

	September 30, 2019	December 31, 2018
Federal Reserve Bank of Chicago discount window line	\$ 419,086	\$ 293,613
Available federal funds lines	105,000	55,000

Note 14—Junior Subordinated Debentures

At September 30, 2019 and December 31, 2018, the Company's junior subordinated debentures by issuance were as follows:

Name of Trust	Aggregate Principal Amount September 30, 2019	Aggregate Principal Amount December 31, 2018	Stated Maturity	Contractual Rate at September 30, 2019	Interest Rate Spread
Metropolitan Statutory Trust 1	\$ 35,000	\$ 35,000	March 17, 2034	4.93%	Three-month LIBOR + 2.79%
RidgeStone Capital Trust I	1,500	1,500	June 30, 2033	6.38%	Five-year LIBOR + 3.50%
First Evanston Bancorp Trust I	10,000	10,000	March 15, 2035	3.90%	Three-month LIBOR + 1.78%
Total liability, at par	46,500	46,500			
Discount	(9,293)	(9,732)			
Total liability, at carrying value	\$ 37,207	\$ 36,768			

In 2004, the Company's predecessor, Metropolitan Bank Group, Inc., issued \$35.0 million floating rate junior subordinated debentures to Metropolitan Statutory Trust 1, which was formed for the issuance of trust preferred securities. The debentures bear interest at three-month LIBOR plus 2.79% (4.93% and 5.58% at September 30, 2019 and December 31, 2018, respectively). Interest is payable quarterly. The Company has the right to redeem the debentures, in whole or in part, on any interest payment date on or after March 2009. Accrued interest payable was \$69,000 and \$84,000 as of September 30, 2019 and December 31, 2018, respectively.

As part of the Ridgestone acquisition, the Company assumed the obligations to RidgeStone Capital Trust I of \$1.5 million in principal amount, which was formed for the issuance of trust preferred securities. Beginning on June 30, 2008, the interest rate reset to the five-year LIBOR plus 3.50% (6.38% at September 30, 2019 and December 31, 2018), which is in effect until June 30, 2023 and updated every five years. Interest is paid on a quarterly basis. The Company has the right to redeem the debentures, in whole or in part, on any interest payment date on or after June 30, 2008. There was no accrued interest payable as of September 30, 2019 or December 31, 2018.

As part of the First Evanston acquisition, the Company assumed the obligations to First Evanston Bancorp Trust I of \$10.0 million in principal amount, which was formed for the issuance of trust preferred securities. Refer to Note 3—Acquisitions for additional information. Beginning on March 15, 2010, the interest rate reset to the three-month LIBOR plus 1.78% (3.90% and 4.57% at September 30, 2019 and December 31, 2018, respectively), which is in effect until the debentures mature in 2035. Interest is paid on a quarterly basis. The Company has the right to redeem the debentures, in whole or in part, on any interest payment date on or after March 2010. The Company has the option to defer interest payments on the debentures from time to time for a period not to exceed five consecutive years. Accrued interest payable was \$17,000 and \$21,000 as of September 30, 2019 and December 31, 2018, respectively.

The Trusts are not consolidated with the Company. Accordingly, the Company reports the subordinated debentures held by the Trusts as liabilities. The Company owns all of the common securities of each trust. The junior subordinated debentures qualify, and are treated as, Tier 1 regulatory capital of the Company subject to regulatory limitations. The trust preferred securities issued by each trust rank equally with the common securities in right of payment, except that if an event of default under the indenture governing the notes has occurred and is continuing, the preferred securities will rank senior to the common securities in right of payment.

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Note 15—Commitments and Contingent Liabilities

Legal contingencies—In the ordinary course of business, the Company and Bank have various outstanding commitments and contingent liabilities that are not recognized in the accompanying consolidated financial statements. In addition, the Company may be a defendant in certain claims and legal actions arising in the ordinary course of business. In the opinion of management, after consultation with legal counsel, the ultimate disposition of these matters is currently not expected to have a material adverse effect on the Company's Consolidated Financial Statements.

Operating lease commitments—The Company has entered into various operating lease agreements primarily for facilities and land on which banking facilities are located. Certain lease agreements have renewal options at the end of the original lease term and certain lease agreements have escalation clauses in the rent payments.

The minimum annual rental commitments for operating leases subsequent to September 30, 2019, exclusive of taxes and other charges, are summarized as follows:

	Minimum Rental Commitments
2019	\$ 1,166
2020	4,455
2021	3,798
2022	2,230
2023	1,294
Thereafter	3,303
Total	<u>\$ 16,246</u>

The Company's rental expenses for the nine months ended September 30, 2019 and 2018 were \$4.2 million. Rental expenses for the three months ended September 30, 2019 and 2018 were \$1.4 million. During the nine months ended September 30, 2019 and 2018, the Company received \$560,000 and \$569,000, respectively, in sublease income which is included in the Consolidated Statements of Operations as a reduction of occupancy expense. Sublease income for the three months ended September 30, 2019 and 2018 was \$190,000 and \$223,000, respectively. The total amount of minimum rentals to be received in the future on these subleases is approximately \$1.3 million, and the leases have contractual lives extending through 2025. In addition to the above required lease payments, the Company has contractual obligations related primarily to information technology contracts and other maintenance contracts. In June 2018, the Company accrued \$8.1 million in data processing expense primarily related to contract termination with its core service provider in anticipation of a future system conversion. As of September 30, 2019, there was no remaining contract termination balance.

Commitments to extend credit—The Company is party to financial instruments with off-balance sheet risk in the normal course of business to meet the financing needs of its customers. These financial instruments include commitments to extend credit and standby letters of credit. Those instruments involve, to varying degrees, elements of credit and interest rate risk in excess of the amount recognized in the Consolidated Statements of Financial Condition. The contractual or notional amounts of those instruments reflect the extent of involvement the Company has in particular classes of financial instruments.

The Company's exposure to credit loss in the event of non-performance by the other party to the financial instrument for commitments to extend credit and letters of credit is represented by the contractual or notional amount of those instruments. The Company uses the same credit policies in making commitments and conditional obligations as it does for funded instruments. The Company does not anticipate any material losses as a result of the commitments and letters of credit.

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The following table summarizes the contract or notional amount of outstanding loan and lease commitments at September 30, 2019 and December 31, 2018:

	September 30, 2019			December 31, 2018		
	Fixed Rate	Variable Rate	Total	Fixed Rate	Variable Rate	Total
Commitments to extend credit	\$ 51,101	\$ 930,778	\$ 981,879	\$ 74,099	\$ 928,991	\$ 1,003,090
Letters of credit	784	39,724	40,508	1,982	34,071	36,053
Total	<u>\$ 51,885</u>	<u>\$ 970,502</u>	<u>\$ 1,022,387</u>	<u>\$ 76,081</u>	<u>\$ 963,062</u>	<u>\$ 1,039,143</u>

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. Commitments generally have fixed expiration dates or other termination clauses and may require payment of a fee. Since many of the commitments are expected to expire without being drawn upon, the total commitment amount does not necessarily represent future cash requirements. The Company evaluates each customer's creditworthiness on a case-by-case basis. The amount of collateral obtained, if deemed necessary by the Company upon extension of credit, is based on management's credit evaluation of the counterparty. Collateral is primarily obtained in the form of commercial and residential real estate (including income producing commercial properties).

Letters of credit are conditional commitments issued by the Company to guarantee to a third-party the performance of a customer. Those guarantees are primarily issued to support public and private borrowing arrangements, bond financing and similar transactions. The credit risk involved in issuing letters of credit is essentially the same as that involved in extending loan facilities to customers.

Commitments to make loans are generally made for periods of 90 days or less. The fixed rate loan commitments have interest rates ranging from 2.50% to 19.50% and maturities up to 2042. Variable rate loan commitments have interest rates ranging from 2.02% to 10.25% and maturities up to 2048.

Note 16—Fair Value Measurement

Fair value is the exchange price that would be received for an asset or paid to transfer a liability (exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. In addition, the Company has the ability to obtain fair values for markets that are not accessible.

These types of inputs create the following fair value hierarchy:

Level 1—Quoted prices in active markets for identical assets or liabilities.

Level 2—Quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active and model-derived valuations whose inputs are observable or whose significant value drivers are observable.

Level 3—Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the asset or liability. Unobservable inputs are used to measure fair value to the extent that observable inputs are not available. The Company's own data used to develop unobservable inputs may be adjusted for market considerations when reasonably available.

The categorization within the valuation hierarchy is based upon the lowest level of input that is significant to the fair value measurement. The Company's assessment of the significance of a particular input to the fair value measurement in its entirety requires judgment, and considers factors specific to assets and liabilities.

The Company used the following methods and significant assumptions to estimate fair value for certain assets measured and carried at fair value on a recurring basis:

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Securities available-for-sale—The Company obtains fair value measurements from an independent pricing service. Management reviews the procedures used by the third party, including significant inputs used in the fair value calculations. The fair value measurements consider observable data that may include dealer quotes, market spreads, cash flows, the U.S. Treasury yield curve, live trading levels, trade execution data, market consensus prepayment speeds, credit information and the bond's terms and conditions, among other things. When market quotes are not readily accessible or available, alternative approaches are utilized, such as matrix or model pricing.

The Company's methodology for pricing non-rated bonds focuses on three distinct inputs: equivalent rating, yield and other pricing terms. To determine the rating for a given non-rated municipal bond, the Company references a publicly issued bond by the same issuer if available as well as other additional key metrics to support the credit worthiness. Typically, pricing for these types of bonds would require a higher yield than a similar rated bond from the same issuer. A reduction in price is applied to the rating obtained from the comparable bond, as the Company believes if liquidated, a non-rated bond would be valued less than a similar bond with a verifiable rating. The reduction applied by the Company is one notch lower (i.e. a "AA" rating for a comparable bond would be reduced to "AA-" for the Company's valuation). In 2019 and 2018, all of the ratings derived by the Company were "BBB" or better with and without comparable bond proxies. The fair value measurement of municipal bonds is sensitive to the rating input, as a higher rating typically results in an increased valuation. The remaining pricing inputs used in the bond valuation are observable. Based on the rating determined, the Company obtains a corresponding current market yield curve available to market participants. Other terms including coupon, maturity date, redemption price, number of coupon payments per year, and accrual method are obtained from the individual bond term sheets.

Equity and other securities—The Company utilizes the same fair value measurement methodology for equity and other securities as detailed in the securities available-sale portfolio above.

Servicing assets—Fair value is based on a loan-by-loan basis taking into consideration the original term to maturity, the current age of the loan and the remaining term to maturity. The valuation methodology utilized for the servicing assets begins with generating estimated future cash flows for each servicing asset, based on their unique characteristics and market-based assumptions for prepayment speeds and costs to service. The present value of the future cash flows are then calculated utilizing market-based discount rate assumptions.

Derivative instruments—Interest rate derivatives are valued by a third party, using models that primarily use market observable inputs, such as yield curves, and are validated by comparison with valuations provided by the respective counterparties. Derivative financial instruments are included in other assets and other liabilities in the Consolidated Statements of Financial Condition.

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The following tables summarize the Company's financial assets and liabilities that were measured at fair value on a recurring basis at September 30, 2019 and December 31, 2018:

September 30, 2019	Fair Value	Fair Value Measurements Using		
		Level 1	Level 2	Level 3
Financial assets				
Securities available-for-sale				
U.S. Treasury Notes	\$ 42,842	\$ 42,842	\$ —	\$ —
U.S. Government agencies	177,858	—	177,858	—
Obligations of states, municipalities, and political subdivisions	98,602	—	98,407	195
Mortgage-backed securities; residential				
Agency	329,010	—	329,010	—
Non-Agency	120,060	—	120,060	—
Mortgage-backed securities; commercial				
Agency	152,033	—	152,033	—
Non-Agency	31,500	—	31,500	—
Corporate securities	47,194	—	47,194	—
Other securities	32,834	—	32,834	—
Equity and other securities, at fair value				
Mutual funds	2,944	2,944	—	—
Equity securities	4,704	—	4,008	696
Servicing assets	19,939	—	—	19,939
Derivative assets	10,288	—	10,288	—
Financial liabilities				
Derivative liabilities	11,093	—	11,093	—

December 31, 2018	Fair Value	Fair Value Measurements Using		
		Level 1	Level 2	Level 3
Financial assets				
Securities available-for-sale				
U.S. Treasury Notes	\$ 52,667	\$ 52,667	\$ —	\$ —
U.S. Government agencies	186,498	—	186,498	—
Obligations of states, municipalities, and political subdivisions	60,233	—	60,038	195
Mortgage-backed securities; residential				
Agency	272,963	—	272,963	—
Non-Agency	83,621	—	83,621	—
Mortgage-backed securities; commercial				
Agency	90,434	—	90,434	—
Non-Agency	30,458	—	30,458	—
Corporate securities	34,173	—	34,173	—
Other securities	6,609	2,844	3,074	691
Servicing assets	19,693	—	—	19,693
Derivative assets	10,740	—	10,740	—
Financial liabilities				
Derivative liabilities	4,243	—	4,243	—

The Company has originated, and acquired through a business combination, servicing assets classified as Level 3 of the fair value hierarchy. The Company acquired single-issuer trust preferred securities included in other securities categorized as Level 3 of the fair value hierarchy.

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The Company has purchased, and acquired through a business combination, privately-issued municipal securities that are categorized as Level 3. These municipal securities are bonds issued for municipal government entities located in the Chicago metropolitan area and are privately placed, non-rated bonds without Committee on Uniform Security Identification Procedures numbers.

The Company did not have any transfers to or from Level 3 of the fair value hierarchy during the nine months ended September 30, 2019 and 2018.

The following table presents additional information about financial assets measured at fair value on recurring basis for which the Company used significant unobservable inputs (Level 3):

	Nine Months Ended September 30,			
	2019		2018	
	Investment Securities		Servicing Assets	
Balance, beginning of period	\$ 886	\$ 1,052	\$ 19,693	\$ 21,400
Acquired assets at fair value	—	314	—	—
Additions, net	—	—	4,340	5,680
Amortization	4	4	—	—
Change in unrealized gain	1	11	—	—
Change in fair value	—	—	(4,094)	(6,406)
Balance, end of period	\$ 891	\$ 1,381	\$ 19,939	\$ 20,674

The following table presents additional information about the unobservable inputs used in the fair value measurements on recurring basis that were categorized within Level 3 of the fair value hierarchy as of September 30, 2019:

Financial Instruments	Valuation Technique	Unobservable Inputs	Range of Inputs	Weighted Average Range	Impact to Valuation from an Increased or Higher Input Value
Obligations of states, municipalities, and political obligations	Discounted cash flow	Probability of default	2.4%	2.4%	Decrease
Single issuer trust preferred	Discounted cash flow	Probability of default	4.9%—5.4%	5.8%	Decrease
Servicing assets	Discounted cash flow	Prepayment speeds	2.7%—21.9%	13.7%	Decrease
		Discount rate	4.8%—24.0%	12.2%	Decrease
		Expected weighted average loan life	0.1—9.5 years	4.5 years	Increase

The Company used the following methods and significant assumptions to estimate fair value for certain assets measured and carried at fair value on a non-recurring basis:

Impaired loans (excluding acquired impaired loans)—Impaired loans, other than those existing on the date of a business acquisition, are primarily carried at the fair value of the underlying collateral, less estimated costs to sell, if the loan is collateral dependent. Valuations of impaired loans that are collateral dependent are supported by third party appraisals in accordance with the Bank’s credit policy. Other valuation methods include analysis of discounted cash flows, which measures the present value of expected future cash flows discounted at the loan’s effective interest rate. Impaired loans that are not collateral dependent are not material.

Assets held for sale—Assets held for sale consist of former branch locations and real estate previously purchased for expansion. Assets are considered held for sale when management has approved to sell the assets following a branch closure or other events. The properties are being actively marketed and transferred to assets held for sale based on the lower of carrying value or its fair value, less estimated costs to sell.

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Other real estate owned—Certain assets held within other real estate owned represent real estate or other collateral that has been adjusted to its estimated fair value, less cost to sell, as a result of transferring from the loan portfolio at the time of foreclosure or repossession and based on management’s periodic impairment evaluation. From time to time, non-recurring fair value adjustments to other real estate owned are recorded to reflect partial write-downs based on an observable market price or current appraised value of property.

Adjustments to fair value based on such non-recurring transactions generally result from the application of lower-of-cost-or-market accounting or write-downs of individual assets due to impairment. The following tables summarize the Company’s assets that were measured at fair value on a non-recurring basis, excluding acquired impaired loans, as of September 30, 2019 and December 31, 2018:

September 30, 2019	Fair Value	Fair Value Measurements Using		
		Level 1	Level 2	Level 3
Non-recurring				
Impaired loans				
(excluding acquired impaired loans)				
Commercial real estate	\$ 21,343	\$ —	\$ —	\$ 21,343
Residential real estate	2,335	—	—	2,335
Commercial and industrial	19,936	—	—	19,936
Assets held for sale	15,472	—	—	15,472
Other real estate owned	8,531	—	—	8,531
December 31, 2018	Fair Value	Fair Value Measurements Using		
		Level 1	Level 2	Level 3
Non-recurring				
Impaired loans				
(excluding acquired impaired loans)				
Commercial real estate	\$ 9,792	\$ —	\$ —	\$ 9,792
Residential real estate	2,076	—	—	2,076
Commercial and industrial	17,397	—	—	17,397
Assets held for sale	14,489	—	—	14,489
Other real estate owned	5,314	—	—	5,314

The following methods and assumptions were used by the Company in estimating fair values of other assets and liabilities for disclosure purposes:

Cash and cash equivalents—For these short-term instruments, the carrying amount is a reasonable estimate of fair value.

Securities held-to-maturity—The Company obtains fair value measurements from an independent pricing service. Management reviews the procedures used by the third party, including significant inputs used in the fair value calculations. The fair value measurements consider observable data that may include dealer quotes, market spreads, cash flows, the U.S. Treasury yield curve, live trading levels, trade execution data, market consensus prepayment speeds, credit information and the bond’s terms and conditions, among other things. When market quotes are not readily accessible or available, alternative approaches are utilized, such as matrix or model pricing.

Restricted stock—The fair value has been determined to approximate cost.

Loans held for sale—The fair value of loans held for sale are based on quoted market prices, where available, and determined by discounted estimated cash flows using interest rates approximating the Company’s current origination rates for similar loans adjusted to reflect the inherent credit risk.

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Loan and lease receivables, net—For certain variable rate loans that reprice frequently and with no significant changes in credit risk, fair value is estimated at carrying value. The fair value of other types of loans is estimated using an exit price notion for 2019 values. It is estimated by discounting future cash flows, using current rates at which similar loans would be made to borrowers with similar credit ratings and for the same remaining maturities.

Deposits—The fair value of demand deposits, savings accounts, 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 by discounting future cash flows, using rates currently offered for deposits of similar remaining maturities.

Federal Home Loan Bank advances—The fair value of FHLB advances is estimated by discounting the agreements based on maturities using rates currently offered for FHLB advances of similar remaining maturities adjusted for prepayment penalties that would be incurred if the borrowings were paid off on the measurement date.

Securities sold under agreements to repurchase—The carrying amount approximates fair value due to maturities of less than ninety days.

Junior subordinated debentures—The fair value of junior subordinated debentures, in the form of trust preferred securities, is determined using rates currently available to the Company for debt with similar terms and remaining maturities.

Accrued interest receivable and payable—The carrying amount approximates fair value.

Commitments to extend credit and letters of credit—The fair values of these off-balance sheet commitments to extend credit and commercial and letters of credit are not considered practicable to estimate because of the lack of quoted market prices and the inability to estimate fair value without incurring excessive costs.

The estimated fair values of financial instruments not carried at fair value and levels within the fair value hierarchy are as follows:

	Fair Value Hierarchy Level	September 30, 2019		December 31, 2018	
		Carrying Amount	Estimated Fair Value	Carrying Amount	Estimated Fair Value
Financial assets					
Cash and due from banks	1	\$ 75,275	\$ 75,275	\$ 30,190	\$ 30,190
Interest bearing deposits with other banks	2	33,564	33,564	91,670	91,670
Securities held-to-maturity	2	4,417	4,503	99,266	97,739
Other restricted stock	2	24,331	24,331	19,202	19,202
Loans held for sale	3	7,176	7,922	19,827	21,654
Loans and lease receivables, net (less impaired loans at fair value ⁽¹⁾)	3	3,755,891	3,677,608	3,447,160	3,407,652
Accrued interest receivable	3	13,013	13,013	10,863	10,863
Financial liabilities					
Non-interest-bearing deposits	2	1,221,431	1,221,431	1,192,873	1,192,873
Interest-bearing deposits	2	2,858,883	2,867,646	2,557,043	2,554,329
Accrued interest payable	2	4,778	4,778	3,484	3,484
Line of credit	2	—	—	—	—
Federal Home Loan Bank advances	2	506,000	506,000	425,000	425,000
Securities sold under repurchase agreement	2	32,290	32,290	34,166	34,166
Junior subordinated debentures	3	37,207	42,496	36,768	42,351

(1) In accordance with the prospective adoption of ASU 2016-01, the fair value of loans and lease receivables, net (less impaired loans at fair value) as of September 30, 2019 was measured using an exit price notion. The fair value as of December 31, 2018 was measured using an entry price notion.

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Note 17—Derivative Instruments and Hedge Activities

The Company recognizes derivative financial instruments at fair value regardless of the purpose or intent for holding the instrument. The Company records derivative assets and derivative liabilities on the Consolidated Statements of Financial Condition within accrued interest receivable and other assets and accrued interest payable and other liabilities, respectively. The following tables present the fair value of the Company's derivative financial instruments and classification on the Consolidated Statements of Financial Condition as of September 30, 2019 and December 31, 2018:

	September 30, 2019			December 31, 2018		
	Notional Amount	Fair Value		Notional Amount	Fair Value	
		Other Assets	Other Liabilities		Other Assets	Other Liabilities
Derivatives designated as hedging instruments						
Interest rate swaps designated as cash flow hedges	\$ —	\$ —	\$ —	\$ 250,000	\$ 6,699	\$ —
Derivatives not designated as hedging instruments						
Other interest rate derivatives	296,656	10,288	11,076	294,545	4,041	4,237
Other credit derivatives	9,519	—	17	4,424	—	6
Total derivatives	<u>\$ 306,175</u>	<u>\$ 10,288</u>	<u>\$ 11,093</u>	<u>\$ 548,969</u>	<u>\$ 10,740</u>	<u>\$ 4,243</u>

Interest rate swaps designated as cash flow hedges—Cash flow hedges of interest payments associated with certain FHLB advances had notional amounts totaling \$250.0 million as of December 31, 2018. There were no cash flow hedges outstanding at September 30, 2019. The Company assesses the effectiveness of each hedging relationship by comparing the changes in fair value of the derivative hedging instrument with the changes in fair value of the designated hedged transactions. In September 2019, the Company terminated \$250.0 million interest rate swaps designated as cash flow hedges, which were executed to reduce interest rate risk in a declining rate environment. The transaction resulted in a net loss of \$383,000, net of tax, which was the clean value at the termination date. As of September 30, 2019, the remaining balance in accumulated other comprehensive income was \$378,000, which will be amortized over the original life of the cash flow hedge.

Interest recorded on these swap transactions reduced FHLB interest expense by \$364,000 and \$428,000 during the three months ended September 30, 2019 and 2018, respectively, and is reported as a component of interest expense on FHLB advances. Interest recorded on these swap transactions reduced FHLB interest expense by \$1.6 million and \$863,000 during the nine months ended September 30, 2019 and 2018, respectively. At September 30, 2019, the Company estimates \$85,000 of the unrealized loss to be reclassified as an increase to interest expense during the next twelve months.

The following table reflects the net gains (losses) recorded in accumulated other comprehensive income (loss) and the Consolidated Statements of Operations relating to the cash flow derivative instruments for the nine months ended:

	September 30, 2019			September 30, 2018		
	Amount of Loss Recognized in OCI	Amount of Gain Reclassified from OCI to Income as a Decrease to Interest Expense	Amount of Gain (Loss) Recognized in Other Non-Interest Income	Amount of Gain Recognized in OCI	Amount of Gain Reclassified from OCI to Income as an Increase to Interest Expense	Amount of Gain (Loss) Recognized in Other Non-Interest Income
Interest rate swaps	\$ (5,484)	\$ 1,643	\$ —	\$ 6,702	\$ 863	\$ —

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Other interest rate derivatives—The total combined notional amount was \$296.7 million as of September 30, 2019 with maturities ranging from April 2020 to January 2030. The fair values of the interest rate derivative agreements are reflected in other assets and other liabilities with corresponding gains or losses reflected in non-interest income. During the three months ended September 30, 2019 and 2018, there were \$170,000 and \$230,000 of transaction fees, respectively, included in other non-interest income, related to these derivative instruments. During the nine months ended September 30, 2019 and 2018, there were \$886,000 and \$1.2 million of transaction fees, respectively, related to these derivative instruments.

The following table reflects other interest rate derivatives as of September 30, 2019:

Notional amounts	\$ 296,656
Derivative assets fair value	10,288
Derivative liabilities fair value	11,076
Weighted average pay rates	4.74%
Weighted average receive rates	4.37%
Weighted average maturity	6.8 years

Other credit derivatives—The total notional amount was \$9.5 million and \$4.4 million as of September 30, 2019 and December 31, 2018, respectively. The fair value of the other credit derivatives are reflected in other liabilities with corresponding gains or losses reflected in non-interest income. The credit valuation adjustment (“CVA”) related to the other credit derivatives resulted in a decrease to other non-interest income of \$7,000 and \$1,000 during the three months ended September 30, 2019 and 2018, respectively. There were \$73,000 and \$35,000 of transaction fees included in non-interest income related to these derivative instruments during the three months ended September 30, 2019 and 2018, respectively. The CVA related to the other credit derivatives resulted in a decrease to other non-interest income of \$11,000 and \$4,000 during the nine months ended September 30, 2019 and 2018, respectively. There were \$73,000 and \$61,000 of transaction fees included in non-interest income related to these derivative instruments during the nine months ended September 30, 2019 and 2018, respectively.

The Company has entered into risk participation agreements with counterparty banks to assume a portion of the credit risk related to borrower transactions. The credit risk related to these other credit derivatives is managed through the Company’s loan underwriting process.

Credit risk—Derivative instruments are inherently subject to market risk and credit risk. Market risk is associated with changes in interest rates and credit risk relates to the Company’s risk of loss when the counterparty to a derivative contract fails to perform according to the terms of the agreement. Market and credit risks are managed and monitored as part of the Company’s overall asset-liability management process. The credit risk related to derivatives entered into with certain qualified borrowers is managed through the Company’s loan underwriting process. The Company’s loan underwriting process also approves the Bank’s swap counterparty used to mirror the borrowers’ swap. The Company has a bilateral agreement with each swap counterparty that provides that fluctuations in derivative values are to be fully collateralized with either cash or securities. The CVA is a fair value adjustment to the derivative to account for this risk. During the three months ended September 30, 2019, the CVA resulted in a decrease to non-interest income of \$219,000. During the three months ended September 30, 2018, CVA resulted in an increase to non-interest income of \$13,000. During the nine months ended September 30, 2019 and 2018, the CVA resulted in a decrease to non-interest income of \$592,000 and \$25,000, respectively.

The Company has agreements with its derivative counterparties that contain a cross-default provision under which if the Company defaults on any of its indebtedness, including default where repayment of the indebtedness has not been accelerated by the lender, then the Company could also be declared in default on its derivative obligations. The Company also has agreements with certain derivative counterparties that contain a provision where if the Company fails to maintain its status as a well or adequately capitalized institution, then the counterparty could terminate the derivative positions and the Company would be required to settle its obligations resulted in a net asset position.

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The Company records interest rate derivatives subject to master netting agreements at their gross value and does not offset derivative asset and liabilities on the Consolidated Statements of Financial Condition. The table below summarizes the Company's interest rate derivatives and offsetting positions as of:

	September 30, 2019		December 31, 2018	
	Derivative Assets Fair Value	Derivative Liabilities Fair Value	Derivative Assets Fair Value	Derivative Liabilities Fair Value
Gross amounts recognized	\$ 10,288	\$ 11,093	\$ 10,740	\$ 4,243
Less: Amounts offset in the Consolidated Statements of Financial Condition	—	—	—	—
Net amount presented in the Consolidated Statements of Financial Condition	\$ 10,288	\$ 11,093	\$ 10,740	\$ 4,243
Gross amounts not offset in the Consolidated Statements of Financial Condition				
Offsetting derivative positions	(1)	(1)	(2,823)	(2,823)
Collateral posted	(10,287)	(11,092)	(7,917)	(1,317)
Net credit exposure	\$ —	\$ —	\$ —	\$ 103

For purposes of this disclosure, the amount of posted collateral by the counterparties is limited to the amount offsetting the derivative asset and derivative liability.

Note 18 – Share-Based Compensation

In June 2017, the Company adopted the 2017 Omnibus Incentive Compensation Plan (the “Omnibus Plan”) in connection with our IPO. The Omnibus Plan provides for the grant of stock options, stock appreciation rights, restricted stock, restricted stock units, dividend equivalent rights and other equity-based, equity-related or cash-based awards. A total of 1,550,000 shares of our common stock have been reserved for issuance under the Omnibus Plan. As of September 30, 2019, there were 1,186,226 shares available for future grants under the Omnibus Plan.

On July 6, 2017, in conjunction with the completion of the IPO, the Company granted 58,900 restricted shares of the Company's common stock to certain key employees, pursuant to the Omnibus Plan. The restricted shares will cliff vest on the third anniversary of the grant date, subject to continued employment. A total of 11,898 restricted shares were also granted during the year ended December 31, 2017 in connection with the recruitment of employees. These restricted shares vest ratably over a four year period.

During 2018, the Company granted 131,157 shares of restricted common stock, par value \$0.01 per share. Of this total, 102,559 restricted shares will vest ratably over four years on each anniversary of the grant date, 15,165 restricted shares will vest ratably over three years on each anniversary of the grant date, and 2,268 restricted shares will vest on the first anniversary of the grant date, all subject to continued employment.

In addition, 11,165 performance-based restricted shares were included in the 2018 grant. The number of shares which may be earned under the award is dependent upon the Company's return on average assets over a three-year period ending December 31, 2020, measured in 2018 against the Company's internal targets and for 2019 and 2020 against a peer group consisting of publicly-traded bank holding companies ranging in asset size from 50% to 200% of the Company's total assets. Under the award, 25% of the shares will be earned at threshold performance, 100% will be earned at target and 50th percentile performance, and up to 125% of the shares with above target and 75th percentile performance. Any earned performance shares will vest on the third anniversary of the grant date.

During 2019, the Company granted 192,199 shares of restricted common stock, par value \$0.01 per share. Of this total, 115,496 restricted shares will vest ratably over four years on each anniversary of the grant date, 54,147 restricted shares will vest ratably over three years on each anniversary of the grant date, 683 restricted shares will vest on the first anniversary of the grant date, and 898 share have vested, all subject to continued employment.

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In addition, 20,975 performance-based restricted shares were included in the 2019 grants. The number of shares which may be earned under the award is dependent upon the Company's return on average assets, weighted equally, over a three-year period ending December 31, 2021, measured against a peer group consisting of publicly-traded bank holding companies. Results will be measured cumulatively at the end of the three years. Any earned shares will vest on the third anniversary of the grant date.

The following table discloses the changes in restricted shares for the nine months ended September 30, 2019:

	Omnibus Plan	
	Number of Shares	Weighted Average Grant Date Fair Value
Beginning balance, January 1, 2019	196,480	\$ 21.66
Granted	192,199	18.70
Vested	(37,310)	22.01
Forfeited	(27,880)	19.75
Ending balance outstanding at September 30, 2019	<u>323,489</u>	<u>\$ 20.03</u>

A total of 37,310 restricted shares vested during the nine months ended September 30, 2019. The fair value of restricted shares that vested during the nine months ended September 30, 2019 was \$699,000. A total of 2,975 restricted shares vested during the year ended December 31, 2018. The fair value of restricted shares that vested during the year ended December 31, 2018 was \$62,000.

The Company recognizes share-based compensation based on the estimated fair value of the restricted stock at the grant date. Share-based compensation expense is included in non-interest expense in the Consolidated Statements of Operations.

The following table summarizes restricted stock compensation expense for the nine months ended September 30, 2019 and 2018:

	Nine Months Ended September 30,	
	2019	2018
Total share-based compensation - restricted stock	\$ 1,357	\$ 638
Income tax benefit	378	178
Unrecognized compensation expense	4,917	3,379
Weighted-average amortization period remaining	2.8 years	3.1 years

The fair value of the unvested restricted stock awards at September 30, 2019 was \$5.8 million.

The Company maintained a nonqualified, share-based, stock option plan adopted prior to recapitalization ("MBG Plan"). There were no options granted or exercised under this plan during the year ended December 31, 2017. At the time of the Company's reincorporation in Delaware, in June 2017, the Board of Directors cancelled the MBG Plan and all the respective outstanding options were cancelled.

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In October 2014, the Company adopted the Byline Bancorp, Inc. Equity Incentive Plan (“BYB Plan”). The maximum number of shares available for grants under this plan was 2,476,122 shares. During 2016 and 2015, the Company granted options to purchase 212,400 and 1,634,568 shares, respectively, under this plan. The Company did not grant any stock options during the year ended December 31, 2017. In June 2017, the Board of Directors terminated the BYB Plan and no future grants can be made under this plan. Options to purchase a total of 1,449,072 shares remain outstanding under the BYB Plan at September 30, 2019.

The types of stock options granted under the BYB Plan were Time Options and Performance Options. The exercise price of each option is equal to the fair value of the stock as of the date of grant. These option awards have vesting periods ranging from one to five years and have 10-year contractual terms. Stock volatility was computed as the average of the volatilities of peer group companies.

The vesting of Time Options is conditional based on completion of service. Performance Options have conditional vesting based on either performance targets or market performance. Certain Performance Options’ performance goals will be satisfied (in whole or in part) if the Bank achieves various performance targets such as profitability, asset quality, and conditional based on market performance, as outlined in the BYB Plan. Each of the performance goals identified are measured for achievement (or failure to achieve) independent of each other. In October 2017, the Board of Directors determined that the Performance Option goals were satisfied, in whole, and these Performance Options converted to Time Options. As a result of the previous completion of service, 414,894 performance options vested on October 3, 2017.

The fair values of the stock options were determined using the Black-Scholes-Merton model for Time Options and a Monte Carlo simulation model for Performance Options.

The following table discloses the activity in shares subject to options and the weighted average exercise prices, in actual dollars, for the nine months ended September 30, 2019:

	BYB Plan			Weighted Average Remaining Contractual Term (in Years)
	Number of Shares	Weighted Average Exercise Price	Intrinsic Value	
Beginning balance, January 1, 2019	1,598,872	\$ 11.84	\$ 7,713	6.6
Exercised	(89,000)	16.25	\$ 253	
Forfeited	(60,800)	16.25		
Ending balance outstanding at September 30, 2019	1,449,072	\$ 11.38	\$ 9,420	5.6
Exercisable at September 30, 2019	1,411,572	\$ 11.25	\$ 9,359	5.6

A total of 89,000 stock options were exercised during the nine months ended September 30, 2019. During the nine months ended September 30, 2019, proceeds from the exercise of stock options were \$1.4 million and related tax benefit was \$70,000. A total of 148,748 stock options were exercised during the year ended December 31, 2018. During the year ended December 31, 2018, proceeds from the exercise of stock options were \$1.7 million and related tax benefit was \$449,000. No stock options vested during the nine months ended September 30, 2019.

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The Company recognizes share-based compensation based on the estimated fair value of the option at the grant date. Forfeitures are estimated based upon industry standards. Share-based compensation expense is included in non-interest expense in the Consolidated Statements of Operations. The following table summarizes stock option compensation expense for the nine months ended September 30, 2019 and 2018:

	Nine Months Ended September 30,			
	2019		2018	
Total share-based compensation (benefit) - stock options	\$	(119)	\$	510
Income tax benefit (expense)		(33)		142
Unrecognized compensation expense - stock options		21		209
Weighted-average amortization period remaining		0.5 years		1.2 years

Pursuant to the terms of the Merger Agreement, upon the Effective Time, each outstanding First Evanston Option held by a participant in the First Evanston Bancorp, Inc. Stock Incentive Plan (the “FEB Plan”) ceased to represent a right to acquire shares of First Evanston common stock and was assumed and converted automatically into a fully vested and exercisable adjusted option to purchase shares of Byline common stock (each an “Adjusted Option”). In accordance with the Merger Agreement, the number of shares of Byline common stock to which each such Adjusted Option relates is equal to the product (rounded down to the nearest whole share of Byline common stock) of: (a) the number of shares of First Evanston common stock subject to the First Evanston Option immediately prior to May 31, 2018, multiplied by (ii) 4.725. Each Adjusted Option has an exercise price per share of Byline common stock equal to the quotient (rounded up to the nearest whole cent) of (x) the per share exercise price of such First Evanston Option immediately prior to May 31, 2018, divided by (y) 4.725. The description of the conversion process is based on, and qualified by, the Merger Agreement.

The following table discloses the activity in shares subject to options under the FEB Plan and the weighted average exercise prices, in actual dollars, for the nine months ended September 30, 2019:

	FEB Plan			Weighted Average Remaining Contractual Term (in Years)
	Number of Shares	Weighted Average Exercise Price	Intrinsic Value	
Beginning balance, January 1, 2019	624,383	\$ 11.31	\$ 3,339	5.2
Granted	—			
Expired	—			
Exercised	(81,182)	11.24	\$ 677	
Forfeited	—			
Ending balance outstanding at September 30, 2019	543,201	\$ 11.32	\$ 3,561	4.5
Exercisable at September 30, 2019	543,201	\$ 11.32	\$ 3,561	4.5

A total of 81,182 stock options were exercised during the nine months ended September 30, 2019. During the nine months ended September 30, 2019, proceeds from the exercise of stock options were \$912,000 and related tax benefit was \$189,000. A total of 56,404 stock options were exercised during the year ended December 31, 2018. During the year ended December 31, 2018, proceeds from the exercise of stock options were \$601,000 and related tax benefit was \$168,000.

All shares of restricted performance shares of First Evanston common stock (“restricted stock”) that were previously issued under and held by Participants in the FEB Plan prior to the Merger were converted into the right to receive the per share merger consideration in connection with the Merger and pursuant to the Merger Agreement. Accordingly, no shares of First Evanston restricted stock remain outstanding under the FEB Plan.

On April 30, 2019, the Company completed the acquisition of Oak Park River Forest. On May 15, 2019, the Company made a cash payment of \$4.2 million for 35,870 outstanding Oak Park River Forest options to participants who elected to receive a cash payment in lieu of converting the options to the Omnibus plan.

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Note 19—Earnings per Share

A reconciliation of the numerators and denominators for earnings per common share computations is presented below. Incremental shares represent outstanding stock options for which the exercise price is less than the average market price of the Company's common stock during the periods presented. Options to purchase 1,992,273 and 2,312,294 shares of common stock were outstanding as of September 30, 2019 and 2018, respectively. There were 323,489 and 194,455 restricted stock awards outstanding at September 30, 2019 and 2018, respectively.

The following represent the calculation of basic and diluted earnings per share for the periods presented:

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2019	2018	2019	2018
Net income	\$ 15,342	\$ 14,536	\$ 41,150	\$ 24,072
Less: Dividends on preferred shares	196	196	587	587
Net income available to common stockholders	<u>\$ 15,146</u>	<u>\$ 14,340</u>	<u>\$ 40,563</u>	<u>\$ 23,485</u>
Weighted-average common stock outstanding:				
Weighted-average common stock outstanding (basic)	37,831,356	36,042,914	37,094,083	32,341,087
Incremental shares	655,824	915,295	724,785	947,570
Weighted-average common stock outstanding (dilutive)	<u>38,487,180</u>	<u>36,958,209</u>	<u>37,818,868</u>	<u>33,288,657</u>
Basic earnings per common share	\$ 0.40	\$ 0.40	\$ 1.09	\$ 0.73
Diluted earnings per common share	\$ 0.39	\$ 0.39	\$ 1.07	\$ 0.71

Note 20—Stockholders' Equity

A summary of the Company's preferred and common stock at September 30, 2019 and December 31, 2018 is as follows:

	September 30, 2019	December 31, 2018
Series B 7.5% fixed to floating non-cumulative perpetual preferred stock		
Par value	\$ 0.01	\$ 0.01
Shares authorized	50,000	50,000
Shares issued	10,438	10,438
Shares outstanding	10,438	10,438
Common stock, voting		
Par value	\$ 0.01	\$ 0.01
Shares authorized	150,000,000	150,000,000
Shares issued	38,169,126	36,343,239
Shares outstanding	38,169,126	36,343,239

During 2016, the Company authorized and issued Series B 7.50% fixed-to-floating non-voting, noncumulative perpetual preferred stock with a liquidation preference of \$1,000 per share, plus the amount of unpaid dividends, if any, which is redeemable at the Company's option on or after March 31, 2022. Holders of Series B Preferred Stock do not have any rights to convert such stock into shares of any other class of capital stock of the Company. Holders of Series B Preferred Stock are entitled to receive a fixed dividend of 7.50% per annum from the original issue date through December 30, 2021, after which the dividend is paid at a floating rate of three-month LIBOR plus 5.41% per annum.

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The Company Series B Preferred Stock is included in Tier 1 capital for regulatory capital purposes and is redeemable at the option of the Company at a redemption price of \$1,000 per share, plus any declared and unpaid dividends (i) in whole or part on any dividend payment date on or after March 31, 2022, and (ii) in whole but not in part prior to March 31, 2022, within 90 days following a regulatory event, as defined in the Certificate of Designations of the Company Series B Preferred Stock. The Company must receive approval of the Federal Reserve Board prior to any redemption of the Company Series B Preferred Stock.

For the three months ended September 30, 2019 and 2018, the Company declared and paid dividends on the Series B preferred stock of \$196,000. For the nine months ended September 30, 2019 and 2018, the Company declared and paid dividends on the Series B preferred stock of \$587,000.

On November 1, 2019, the Company announced that its Board of Directors approved a stock repurchase program authorizing the purchase of up to an aggregate of 1,250,000 shares of the Company's outstanding common stock. The shares may, at the discretion of management, be repurchased from time to time in open market purchases as market conditions warrant or in privately negotiated transactions. The Company is not obligated to purchase any shares under the program, and the program may be discontinued at any time. The actual timing, number and share price of shares purchased under the repurchase program will be determined by the Company at its discretion and will depend on a number of factors, including the market price of the Company's stock, general market and economic conditions and applicable legal requirements. The shares authorized to be repurchased represent approximately 3.3% of the Company's outstanding common stock at September 30, 2019.

Note 21—Consolidated Statements of Changes in Accumulated Other Comprehensive Income (Loss)

The following table summarizes the changes in accumulated other comprehensive income (loss) for the nine months ended September 30, 2019 and 2018:

(dollars in thousands)	Unrealized Gains (Losses) on Cash Flow Hedges	Unrealized Gains (Losses) on Available-for- Sale Securities	Total Accumulated Other Comprehensive Income (Loss)
Balance, January 1, 2018	\$ 2,913	\$ (8,000)	\$ (5,087)
Reclassification of certain income tax effects from accumulated other comprehensive income	687	(1,450)	(763)
Other comprehensive income (loss), net of tax	4,213	(10,725)	(6,512)
Balance, September 30, 2018	<u>\$ 7,813</u>	<u>\$ (20,175)</u>	<u>\$ (12,362)</u>
Balance, January 1, 2019	\$ 4,763	\$ (14,261)	\$ (9,498)
Cumulative-effect adjustment (ASU 2016-01)	—	(1,440)	(1,440)
Other comprehensive income (loss), net of tax	(5,142)	17,041	11,899
Balance, September 30, 2019	<u>\$ (379)</u>	<u>\$ 1,340</u>	<u>\$ 961</u>

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

The following is a discussion and analysis of Byline Bancorp, Inc.'s financial condition and results of operations and should be read in conjunction with our Unaudited Interim Condensed Consolidated Financial Statements and notes thereto included elsewhere in this report. The words "the Company," "we," "Byline," "our" and "us" refer to Byline Bancorp, Inc. and its consolidated subsidiaries, unless we indicate otherwise.

Overview

Our business

We are a bank holding company headquartered in Chicago, Illinois and conduct all our business activities through our subsidiary, Byline Bank, a full service commercial bank, and Byline Bank's subsidiaries. Through Byline Bank, we offer a broad range of banking products and services to small and medium sized businesses, commercial real estate and financial sponsors and to consumers who generally live or work near our branches. In addition to our traditional commercial banking business, we provide small ticket equipment leasing solutions through Byline Financial Group, a wholly-owned subsidiary of Byline Bank, headquartered in Bannockburn, Illinois with sales offices in Illinois and New York, and sales representatives in Illinois, Michigan, New Jersey, and New York. Following our acquisition of Ridgestone Financial Services, Inc. ("Ridgestone") in October 2016, we also participate in U.S. government guaranteed lending programs and originate U.S. government guaranteed loans. Byline Bank was the fifth most active originator of SBA loans in the country and the most active SBA lender in Illinois and Wisconsin, as reported by the SBA for the quarter ended September 30, 2019. Following our acquisition of First Evanston Bancorp, Inc. ("First Evanston") and its subsidiary bank, First Bank & Trust, at the end of May 2018, we also provide trust and wealth management services to our customers. As of September 30, 2019, we had consolidated total assets of \$5.4 billion, total gross loans and leases outstanding of \$3.8 billion, total deposits of \$4.1 billion, and total stockholders' equity of \$735.9 million.

Ridgestone Acquisition

On October 14, 2016, we completed the acquisition of Ridgestone under the terms of a definitive merger agreement. As of the acquisition date, Ridgestone had \$447.4 million in assets, including \$347.3 million of loans, \$14.7 million of loans held for sale, \$27.2 million of securities, \$21.5 million of servicing assets and total deposits of \$358.7 million. Ridgestone's loan portfolio was primarily comprised of the retained unguaranteed portion of U.S. government guaranteed loans as a participant in the SBA and USDA (together, "U.S. government guaranteed") lending programs.

First Evanston Acquisition

On May 31, 2018, we completed the acquisition of First Evanston under the terms of a definitive merger agreement. As a result of the merger, First Evanston's wholly owned bank subsidiary, First Bank & Trust, was merged with and into Byline Bank. As of the acquisition date, First Evanston had \$1.1 billion in assets, including \$932.4 million of loans, \$128.1 million of securities, and total deposits of \$1.0 billion.

At the effective time of the merger (the "Effective Time"), each share of First Evanston's common stock (the "First Evanston Common Stock") was converted into the right to receive: (1) 3.994 shares of Byline's common stock, and (2) an amount in cash equal to \$27.0 million divided by the number of outstanding shares of First Evanston Common Stock as of the closing date, with cash paid in lieu of any fractional shares. Options to acquire First Evanston Common Stock that were outstanding at the Effective Time were converted into options of substantially equivalent value to acquire Byline common stock. In the aggregate, Byline paid \$27.0 million in cash and issued 6,682,850 shares of its common stock in respect of the outstanding shares of First Evanston Common Stock. The value of the total merger consideration at closing was approximately \$179.1 million.

Oak Park River Forest Acquisition

On April 30, 2019, we completed the acquisition of Oak Park River Forest Bankshares, Inc. ("Oak Park River Forest"), the parent company of Community Bank of Oak Park River Forest, under the terms of a definitive merger agreement. As a result of the merger, Oak Park River Forest's wholly owned bank subsidiary, Community Bank of Oak Park River Forest, was merged with and into Byline Bank. As of the acquisition date, Oak Park River Forest had \$329.8 million in assets, including \$30.5 million of securities, \$274.7 million of loans, and \$290.2 million of deposits.

At the effective time of the merger, each share of Oak Park River Forest's common stock was converted into the right to receive: (1) 7.9321 shares of Byline's common stock, and (2) an amount in cash equal to \$6.2 million divided by the number of outstanding shares of Oak Park River Forest common stock as of the closing date, with cash paid in lieu of fractional shares. Options to acquire Oak Park River Forest common stock that were outstanding at the Effective Time were paid in cash based on elections made by option holders, resulting in an aggregate stock options transaction value of \$4.2 million. In the aggregate, Byline paid \$6.2 million in cash and issued 1,464,558 shares of its common stock in respect of the outstanding shares of Oak Park River Forest common stock. The value of the total merger consideration at closing was approximately \$35.5 million before issuance costs of \$429,000.

Strategic Branch Consolidation

We continually perform strategic reviews of our existing banking footprint. With technology improvements and changes to customers' banking preferences, we examine branch growth potential, customer usage, branch profitability, services provided, markets served and proximity to other locations with a goal of minimizing customer impact and deposit runoff. Since our recapitalization, which occurred in June 2013, our branch network has been reduced from 88 to 61, including eight branches added through the First Evanston acquisition and three branches added through the Oak Park River Forest acquisition. During 2018 and 2019, we consolidated seven branches and two other facilities within our current network that had a minimal impact on our customer service levels, convenience, and business development capabilities. Additionally, this quarter we identified another three branches that we believe can be consolidated and one that we believe can be repurposed with minimal customer impact, service levels, and overall convenience. We expect these activities to occur during the first quarter of 2020. We expect to record a one-time charge of approximately \$817,000 and to generate \$1.2 million in annual cost savings as a result of this consolidation, a portion of which we will look to reinvest back into the business.

We plan to continue to leverage our seasoned management team, the attractive market opportunity in the Chicago metropolitan area, our diversified lending approach and our track record of successfully integrating acquisitions to drive future growth. We believe that having a deep understanding of customers, longstanding ties to the communities in which we operate, a strong market position and exceptional employees allows us to provide the attention, responsiveness and customized service our clients seek while offering a diverse range of products to serve a variety of needs.

Critical Accounting Policies and Significant Estimates

Our accounting and reporting policies conform to accounting principles generally accepted in the United States ("GAAP") and to general practices within the Banking industry. To prepare financial statements and interim financial statements in conformity with GAAP, management makes estimates, assumptions and judgments based on available information. These estimates, assumptions and judgments affect the amounts reported in the financial statements and accompanying notes; and are based on information available as of the date of the financial statements. As this information changes, actual results could differ from the estimates, assumptions and judgments reflected in the financial statements. In particular, management has identified several accounting policies that, due to the estimates, assumptions and judgements inherent in those policies, are critical in understanding our financial statements.

These critical accounting policies and estimates include (i) acquisition-related fair value computations, (ii) the carrying value of loans and leases, (iii) determining the provision and allowance for loan and lease losses, (iv) the valuation of intangible assets such as goodwill, servicing assets and core deposit intangibles, (v) the determination of fair value for financial instruments, including other-than-temporary-impairment losses, (vi) the valuation of real estate held for sale, and (vii) the valuation of or recognition of deferred tax assets and liabilities.

The Jumpstart Our Business Startups Act of 2012, or the JOBS Act, permits us an extended transition period for complying with new or revised accounting standards affecting public companies. We have elected to take advantage of this extended transition period, which means that the financial statements included in this report, as well as any financial statements that we file in the future, will not be subject to all new or revised accounting standards generally applicable to public companies for the transition period for so long as we remain an emerging growth company or until we affirmatively and irrevocably opt out of the extended transition period provided for under the JOBS Act.

The following is a discussion of the critical accounting policies and significant estimates that require us to make complex and subjective judgments. Additional information about these policies can be found in Note 1 of our audited

Consolidated Financial Statements included in our Annual Report on Form 10-K for the year ended December 31, 2018, that we filed with the Securities and Exchange Commission (“SEC”) on March 15, 2019.

Business Combinations

We account for business combinations under the acquisition method of accounting in accordance with ASC 805. We recognize the fair value of the assets acquired and liabilities assumed as of the date of acquisition, with any excess of the fair value of consideration provided over the fair value of the identifiable net tangible and intangible assets acquired recorded as goodwill. Transaction costs are expensed as incurred. Application of the acquisition method requires extensive use of accounting estimates and judgements to determine the fair values of the identifiable assets acquired and liabilities assumed at the acquisition date.

In accordance with ASC 805, the acquiring company retains the right to make appropriate adjustments to the assets and liabilities of the acquired entity for information obtained during the measurement period about facts and circumstances that existed as of the acquisition date. The measurement period ends as of the earlier of (i) one year from the acquisition date or (ii) the date when the acquirer receives the information necessary to complete the business combination accounting.

Carrying Value of Loans and Leases

Our accounting methods for loans and leases differ depending on whether they are new or acquired loans and leases; and for acquired loans, whether the loans were acquired at a discount as a result of credit deterioration since the date of origination.

Originated Loans and Leases

We account for originated loans and leases and purchased loans and leases not acquired through business combinations as originated loans and leases. The new loans that management has the intent and ability to hold for the foreseeable future are reported at their outstanding principal balances net of any allowance for loan and lease losses, unamortized deferred fees and costs and unamortized premiums or discounts. The net amount of nonrefundable loan origination fees and certain direct costs associated with the lending process are deferred and amortized to interest income over the contractual lives of the new loans using methods which approximate the level yield method. Discounts and premiums are amortized or accreted to interest income over the estimated term of the new loans using methods that approximate the effective yield method. Interest income on new loans is accrued based on the unpaid principal balance outstanding. Additionally, once an acquired non-impaired loan reaches its contractual maturity date, it is re-underwritten, and if renewed, it is classified as an originated loan.

Acquired Loans and Leases

Acquired loans and leases are recorded at fair value as of the acquisition date. Credit discounts are included in the determination of fair value; therefore, an allowance for loan and lease losses is not recorded at the acquisition date. Acquired loans are evaluated upon acquisition and classified as either acquired impaired or acquired non-impaired. Acquired impaired loans reflect evidence of credit deterioration since origination for which it is probable that all contractually required principal and interest will not be collected by us. Subsequent to acquisition, we periodically update for changes in cash flow expectations, which are reflected in interest income over the life of the loan as accretible yield. Any subsequent decreases in expected cash flow attributable to credit deterioration are recognized by recording a provision for loan losses.

For acquired non-impaired loans and leases, the excess or deficit of the loan and lease principal balance over the fair value is recorded as a discount or premium at acquisition and is accreted through interest income over the life of the loan or lease. Subsequent to acquisition, these loans and leases are evaluated for credit deterioration and a provision for loan and lease losses would be recorded when probable loss is incurred. These loans and leases are evaluated for impairment consistent with originated loans and leases.

Provision and Allowance for Loan and Lease Losses

The provision for loan and lease losses reflects the amount required to maintain the allowance for loan and lease losses (“ALLL”) at an appropriate level based upon management’s evaluation of the adequacy of general and specific loss reserves.

The ALLL is maintained at a level that management believes is appropriate to provide for known and inherent incurred loan and lease losses as of the dates of the Consolidated Statements of Financial Condition, and we have established methodologies for the determination of its adequacy. The methodologies are set forth in a formal policy and take into consideration the need for an overall general valuation allowance as well as specific allowances that are determined on an

individual loan basis. We increase our ALLL by charging provisions for probable losses against our income and decreased by charge-offs, net of recoveries.

The evaluation is inherently subjective, as it requires estimates that are susceptible to significant revision as more information becomes available. While management uses available information to recognize losses on loans and leases, changes in economic or other conditions may necessitate revision of the estimate in future periods.

The ALLL is maintained at a level management believes is sufficient to provide for probable losses based upon an ongoing review of the originated and acquired non-impaired loan and lease portfolios by portfolio category, which include consideration of actual loss experience, peer loss experience, changes in the size and risk profile of the portfolio, identification of individual problem loan and lease situations which may affect a borrower's ability to repay, and evaluation of prevailing economic conditions.

For acquired impaired loans, a specific valuation allowance is established when it is probable that we will be unable to collect all of the cash flows expected at acquisition, plus the additional cash flows expected to be collected arising from changes in estimates after acquisition.

The originated and non-impaired acquired loans have limited delinquency and credit loss history and have not yet exhibited an observable loss trend. The credit quality of loans in these loan portfolios are impacted by delinquency status and debt service coverage generated by the borrowers' businesses and fluctuations in the value of real estate collateral.

Acquired non-impaired loans and originated loans are considered impaired when, based on current information and events, it is probable that we will be unable to collect the scheduled payments of principal or interest when due, according to the contractual terms of the loan agreements. All acquired non-impaired loans and originated loans of \$100,000 or greater with an internal risk rating of substandard or below and on nonaccrual, as well as loans classified as troubled debt restructurings ("TDR"), are reviewed individually for impairment on a quarterly basis.

Goodwill and Other Intangible Assets

Goodwill

Goodwill represents the excess of the purchase consideration over the fair value of net assets acquired in connection with our recapitalization and acquisitions using the acquisition method of accounting. Goodwill is not amortized but is periodically evaluated for impairment under the provisions of ASC Topic 350, Intangibles—Goodwill and Other ("ASC 350").

Impairment testing is performed using either a qualitative or quantitative approach at the reporting unit level. Our goodwill is allocated to Byline Bank, which is our only applicable reporting unit for the purposes of testing goodwill for impairment. We have selected November 30 as the date to perform the annual goodwill impairment test. Additionally, we perform a goodwill impairment evaluation on an interim basis when events or circumstances indicate impairment potentially exists.

Servicing Assets

Servicing assets are recognized separately when they are acquired through sales of loans or when the rights to service loans are purchased. When loans are sold with servicing rights retained, servicing assets are recorded at fair value in accordance with ASC Topic 860, Transfers and Servicing ("ASC 860"). Fair value is based on market prices for comparable servicing contracts, when available, or alternatively, is based on a valuation model that calculates the present value of estimated future net servicing income. The fair value of servicing rights is highly sensitive to changes in underlying assumptions. Changes in the prepayment speed and discount rate assumptions have the most significant impact on the fair value of servicing rights. See Note 7 and Note 16 of our Unaudited Interim Condensed Consolidated Financial Statements as of September 30, 2019, included in this report, for additional information.

Core Deposit Intangible Assets

Other intangible assets primarily consist of core deposit intangible assets. In valuing core deposit intangibles, we consider variables such as deposit servicing costs, attrition rates and market discount rates. Core deposit intangibles are reviewed annually, or more frequently when events or changes in circumstances occur that indicate that their carrying values may not be recoverable. If the recoverable amount of the core deposit intangibles is determined to be less than its carrying value, we would then measure the amount of impairment based on an estimate of the fair value at that time. We also evaluate whether the events or circumstances have occurred that warrant a revision to the remaining useful lives of intangible assets.

In cases where a revision is deemed appropriate, the remaining carrying amounts of the intangible assets are amortized over the revised remaining useful life. Core deposit intangibles are currently amortized over an approximate ten year period.

Customer Relationship Intangible

Other intangible assets also include our customer relationship intangible asset. In valuing our customer relationship intangibles, we consider variables such as assets under management, attrition rates, and fee structure. Customer relationship intangibles are currently amortized over a 12 year period.

Fair value of Financial Instruments

ASC Topic 820, Fair Value Measurement defines fair value as the price that would be received to sell a financial asset or paid to transfer a financial liability in an orderly transaction between market participants at the measurement date.

The degree of management judgment involved in determining the fair value of assets and liabilities is dependent upon the availability of quoted market prices or observable market parameters. For financial instruments that trade actively and have quoted market prices or observable market parameters, there is minimal subjectivity involved in measuring fair value. When observable market prices and parameters are not available, management judgment is necessary to estimate fair value. In addition, changes in market conditions may reduce the availability of quoted prices or observable data. For example, reduced liquidity in the capital markets or changes in secondary market activities could result in observable market inputs becoming unavailable. Therefore, when market data is not available, we would use valuation techniques requiring more management judgment to estimate the appropriate fair value measurement.

See Note 18 of Byline's Consolidated Financial Statements included in our Annual Report on Form 10-K for the year ended December 31, 2018, for a complete discussion of our use of fair value of financial assets and liabilities and their related measurement practices.

Valuation of Real Estate Held for Sale

Other Real Estate Owned (OREO)

OREO includes real estate assets that have been acquired through, or in lieu of, loan foreclosure or repossession and are to be sold. OREO assets are initially recorded at fair value, less estimated costs to sell, of the collateral of the loan, on the date of foreclosure or repossession, establishing a new cost basis. Adjustments that reduce loan balances to fair value at the time of foreclosure or repossession are recognized as charge-offs in the allowance for loan and lease losses. Positive adjustments, if any, at the time of foreclosure or repossession are recognized in non-interest expense. After foreclosure or repossession, management periodically obtains new valuations and real estate or other assets may be adjusted to a lower carrying amount, determined by the fair value of the asset, less estimated costs to sell. Any subsequent write-downs are recorded as a decrease in the asset and charged against other real estate owned valuation adjustments, included within non-interest expense. Operating expenses of such properties, net of related income, are included in non-interest expense, and gains and losses on their disposition are included in non-interest expense. Gains on internally financed other real estate owned sales are accounted for in accordance with the methods stated in ASC Topic 360-20, Real Estate Sales ("ASC 360-20"). Any losses on the sales of other real estate owned properties are recognized immediately.

Assets Held for Sale

Assets held for sale consist of former branch locations and real estate purchased for expansion. Assets are considered held for sale when management has approved a plan to sell the assets following a branch closure or other events. The properties are being actively marketed and transferred to assets held for sale based at the lower of its carrying value or its fair value, less estimated costs to sell. Adjustments to reduce the asset balances to fair value are recorded at the time of transfer and are recognized through a charge against income. An assessment of the recoverability of other long-lived assets associated with all branches is periodically performed, resulting in impairment losses which are reflected in other non-interest expense.

Income Taxes

We use the asset and liability method to account for income taxes. The objective of the asset and liability method is to establish deferred tax assets and liabilities for the temporary differences between the financial reporting basis and the income tax basis of our assets and liabilities at enacted tax rates expected to be in effect when such amounts are realized or settled. Our annual tax rate is based on our income, statutory tax rates and available tax planning opportunities. Tax laws are complex and subject to different interpretations by the taxpayer and respective governmental taxing authorities. Significant judgment is required in determining tax expense and in evaluating tax positions, including evaluating uncertainties.

Deferred income tax assets represent amounts available to reduce income taxes payable on taxable income in future years. Such assets arise because of temporary differences between the financial reporting and tax bases of assets and liabilities, as well as from net operating loss carryforwards. We review our deferred tax positions quarterly for changes which may impact realizability. We evaluate the recoverability of these future tax deductions by assessing the adequacy of future expected taxable income from all sources, including reversal of taxable temporary differences, forecasted operating earnings and available tax planning strategies. We use short and long-range business forecasts to provide additional information for its evaluation of the recoverability of deferred tax assets. It is our policy to recognize interest and penalties associated with uncertain tax positions, if applicable, as components of non-interest expense.

A deferred tax valuation allowance is established to reduce the net carrying amount of deferred tax assets if it is determined to be more likely than not that all or some of the deferred tax asset will not be realized. See Note 11 of the notes to our Consolidated Financial Statements included in our Annual Report on Form 10-K for the year ended December 31, 2018, for further information on income taxes.

Recently Issued Accounting Pronouncements

Refer to Note 2 of our Unaudited Interim Condensed Consolidated Financial Statements as of September 30, 2019, included in this report, for a description of recent accounting pronouncements, including the effective dates of adoption and anticipated effects on our results of operations and financial condition.

Primary Factors Used to Evaluate Our Business

As a financial institution, we manage and evaluate various aspects of both our results of operations and our financial condition. We evaluate the levels and trends of the line items included in our consolidated balance sheet and income statement as well as various financial ratios that are commonly used in our industry. We analyze these ratios and financial trends against our own historical performance, our budgeted performance and the final condition and performance of comparable financial institutions in our region. Comparison of our financial performance against other financial institutions is impacted by the accounting for acquired non-impaired and acquired impaired loans.

These factors and metrics described in this prospectus may not provide an appropriate basis to compare our results or financial condition to the results or financial condition of other financial services companies, given our limited operating history and strategic acquisitions since our recapitalization.

Results of Operations

Overview

Our results of operations depend substantially on net interest income, which is the difference between interest income on interest-earning assets, consisting primarily of interest income on loans and lease receivables, including accretion income on loans, investment securities and other short-term investments, and interest expense on interest-bearing liabilities, consisting primarily of deposits and borrowings. Our results of operations are also dependent upon our generation of non-interest income, consisting primarily of income from fees and service charges on deposits, loan servicing revenue, wealth management and trust income, ATM and interchange fees, and net gains on sales of investment securities and loans. Other factors contributing to our results of operations include our provisions for loan and lease losses, provision for income taxes, and non-interest expenses, such as salaries and employee benefits, occupancy and equipment expenses and other miscellaneous operating costs.

Our third quarter 2019 results reflect growth in net interest income, primarily driven by the Oak Park River Forest acquisition, organic loan and lease growth, and security purchases. Net interest margin decreased to 4.62% for the third

quarter of 2019, compared to 4.73% for the third quarter of 2018. The decrease was primarily due to increased interest expense due to the Oak Park River Forest acquisition, increased rates paid on time deposits, and increased costs on FHLB advances. This was partially offset by increased interest income due to an increase in earning assets as a result of the acquisition, organic loan and lease growth, and security purchases. Our total revenues increased by \$9.1 million, or 14.4%, compared to the third quarter of 2018, primarily driven by the acquired Oak Park River Forest loan portfolio, loan and lease originations, and increased loan and lease yields.

Selected Financial Data

	As of or For the Three Months Ended September 30,		As of or For the Nine Months Ended September 30,	
	2019	2018	2019	2018
<i>(dollars in thousands, except share and per share data)</i>				
Summary of Operations				
Net interest income	\$ 57,838	\$ 52,593	\$ 162,371	\$ 125,344
Provision for loan and lease losses	5,931	5,842	16,321	14,913
Non-interest income	14,806	10,902	40,977	36,236
Non-interest expense	45,448	37,715	130,081	114,808
Income before provision for income taxes	21,265	19,938	56,946	31,859
Provision for income taxes	5,923	5,402	15,796	7,787
Net income	15,342	14,536	41,150	24,072
Dividends on preferred shares	196	196	587	587
Income available to common stockholders	<u>\$ 15,146</u>	<u>\$ 14,340</u>	<u>\$ 40,563</u>	<u>\$ 23,485</u>
Earnings per Common Share				
Basic earnings per common share	\$ 0.40	\$ 0.40	\$ 1.09	\$ 0.73
Diluted earnings per common share	\$ 0.39	\$ 0.39	\$ 1.07	\$ 0.71
Adjusted diluted earnings per share ⁽²⁾⁽³⁾	\$ 0.41	\$ 0.40	\$ 1.20	\$ 0.93
Weighted-average common shares outstanding (basic)	37,831,356	36,042,914	37,094,083	32,341,087
Weighted-average common shares outstanding (diluted)	38,487,180	36,958,209	37,818,868	33,288,657
Common shares outstanding	38,169,126	36,279,600	38,169,126	36,279,600
Key Ratios and Performance Metrics (annualized where applicable)				
Net interest margin	4.62%	4.73%	4.52%	4.56%
Cost of deposits	0.94%	0.64%	0.91%	0.54%
Efficiency ratio ⁽¹⁾	59.81%	56.41%	61.15%	68.70%
Adjusted efficiency ratio ⁽¹⁾⁽²⁾⁽³⁾⁽⁵⁾	58.17%	55.62%	57.87%	61.73%
Non-interest expense to average assets	3.32%	3.11%	3.33%	3.82%
Adjusted non-interest expense to average assets ⁽²⁾⁽³⁾	3.23%	3.07%	3.16%	3.45%
Return on average stockholders' equity	8.34%	9.22%	7.91%	6.01%
Adjusted return on average stockholders' equity ⁽²⁾⁽³⁾⁽⁵⁾	8.78%	9.47%	8.86%	7.90%
Return on average assets	1.12%	1.20%	1.05%	0.80%
Adjusted return on average assets ⁽²⁾⁽³⁾⁽⁵⁾	1.18%	1.23%	1.18%	1.05%
Non-interest income to total revenues ⁽²⁾	20.38%	17.17%	20.15%	22.43%
Pre-tax pre-provision return on average assets ⁽²⁾	1.98%	2.13%	1.87%	1.56%
Adjusted pre-tax pre-provision return on average assets ⁽²⁾	2.07%	2.17%	2.04%	1.93%
Return on average tangible common stockholders' equity ⁽²⁾	12.22%	13.81%	11.66%	8.51%
Adjusted return on average tangible common stockholders' equity ⁽²⁾⁽³⁾⁽⁵⁾	12.82%	14.16%	12.94%	10.96%
Non-interest-bearing deposits to total deposits	29.93%	31.42%	29.93%	31.42%
Loans and leases held for sale and loans and leases held for investment to total deposits	94.07%	92.62%	94.07%	92.62%
Deposits to total liabilities	86.77%	87.25%	86.77%	87.25%
Deposits per branch	\$ 66,890	\$ 63,403	\$ 66,890	\$ 63,403
Tangible book value per common share ⁽²⁾	\$ 14.30	\$ 12.59	\$ 14.30	\$ 12.59
Asset Quality Ratios				
Non-performing loans and leases to total loans and leases held for investment, net before ALLL	1.09%	0.87%	1.09%	0.87%
ALLL to total loans and leases held for investment, net before ALLL	0.82%	0.68%	0.82%	0.68%
Net charge-offs to average total loans and leases held for investment, net before ALLL	0.56%	0.25%	0.36%	0.40%
Acquisition accounting adjustments ⁽⁴⁾	\$ 31,053	\$ 42,375	\$ 31,053	\$ 42,375
Capital Ratios				
Common equity to total assets	13.34%	12.60%	13.34%	12.60%
Tangible common equity to tangible assets ⁽²⁾	10.38%	9.60%	10.38%	9.60%
Leverage ratio	11.14%	10.78%	11.14%	10.78%
Common equity tier 1 capital ratio	12.12%	11.26%	12.12%	11.26%
Tier 1 capital ratio	13.43%	12.71%	13.43%	12.71%
Total capital ratio	14.19%	13.37%	14.19%	13.37%

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- (1) Represents non-interest expense less amortization of intangible assets divided by net interest income and non-interest income.
 - (2) Represents a non-GAAP financial measure. See “Reconciliations of non-GAAP Financial Measures” for a reconciliation of our non-GAAP measures to the most directly comparable GAAP financial measure.
 - (3) Calculation excludes impairment charges, merger-related expenses, and core system conversion expenses.
 - (4) Represents the remaining net unaccreted discount as a result of applying the fair value acquisition accounting adjustment at the time of the business combination on acquired loans.
 - (5) Calculation excludes incremental income tax expense or benefit related to changes in corporate income tax rates.

We reported consolidated net income of \$15.3 million for the three months ended September 30, 2019, compared to net income of \$14.5 million for the three months ended September 30, 2018, an increase of \$806,000. The increase in net income was primarily attributable to a \$5.2 million increase in net interest income and a \$3.9 increase in non-interest income, offset by a \$7.7 million increase in non-interest expense, a \$521,000 increase in provision for income taxes, and an \$89,000 increase in provision for loan and lease losses. The increase in net interest income during the three months ended September 30, 2019 was a primarily a result of the acquisition and organic loan and lease growth, offset by increases in interest-bearing deposits cost during the current period. The increase in non-interest income was primarily driven by an increase in net gains on sale of loans. The increase in non-interest expense was primarily due to an increase in salaries and employee benefits of \$3.2 million due to organizational growth and a result of the most recent acquisition, an increase in legal, audit and other professional fees of \$1.7 million due to increased professional services engagements, and an increase in data processing of \$1.3 million due to expenses incurred related to the Oak Park River Forest core system conversion. The increase in provision for income taxes was primarily driven by an increase in net income before provision for income taxes during the period. The increase in provision for loan and lease losses reflects the growth in our loan portfolio, particularly the unguaranteed portion of U.S. government guaranteed loans, the migration of the acquired portfolio into the originated portfolio, and increases to our general reserves.

Net income available to common stockholders was \$15.1 million or \$0.40 per basic and \$0.39 per diluted common share for the three months ended September 30, 2019, compared to \$14.3 million or \$0.40 per basic and \$0.39 per diluted common share for the three months ended September 30, 2018. Dividends on preferred shares were \$196,000 for the three months ended September 30, 2019 and 2018.

Our annualized return on average assets was 1.12% for the three months ended September 30, 2019, compared to 1.20% for the three months ended September 30, 2018. Our annualized return on average stockholders' equity was 8.34% for the three months ended September 30, 2019, compared to 9.22% for the three months ended September 30, 2018. Our efficiency ratio was 59.81% for the three months ended September 30, 2019, compared to 56.41% for the three months ended September 30, 2018.

We reported consolidated net income of \$41.2 million for the nine months ended September 30, 2019, compared to net income of \$24.1 million for the nine months ended September 30, 2018, an increase of \$17.1 million. The increase in net income was primarily attributable to a \$37.0 million increase in net interest income and a \$4.7 million increase in non-interest income, offset by a \$15.3 million increase in non-interest expense, an \$8.0 million increase in provision for income taxes, and a \$1.4 million increase in provision for loan and lease losses. The increase in net interest income during the nine months ended September 30, 2019 was primarily a result of the Oak Park River Forest acquisition, organic loan and lease growth, and security purchases, offset by increases in the costs of interest-bearing deposits and increases in average FHLB advances during the current period. The increase in non-interest income was primarily driven by a decreased downward loan servicing asset revaluation, security sales during the period, an increase in the fair value of equity securities, net, and the acquisition. The increase in non-interest expense was primarily due to additional costs associated with the acquisitions, primarily salaries and employee benefits, partially offset by a decrease in data processing of \$4.3 million due to the core system conversion charges incurred in the second quarter of 2018. The increase in provision for income taxes was primarily driven by an increase in net income before provision for income taxes during the period. The increase in provision for loan and lease losses was primarily driven by increases in the general reserves driven by loan and lease originations.

Net income available to common stockholders was \$40.6 million or \$1.09 per basic and \$1.07 per diluted common share for the nine months ended September 30, 2019, compared to \$23.5 million or \$0.73 per basic and \$0.71 per diluted common share for the nine months ended September 30, 2018. Dividends on preferred shares were \$587,000 for the nine months ended September 30, 2019 and 2018.

Our annualized return on average assets was 1.05% for the nine months ended September 30, 2019, compared to 0.80% for the nine months ended September 30, 2018. Our annualized return on average stockholders' equity was 7.91% for the nine months ended September 30, 2019, compared to 6.01% for the nine months ended September 30, 2018. Our

efficiency ratio was 61.15% for the nine months ended September 30, 2019, compared to 68.70% for the nine months ended September 30, 2018.

Net Interest Income

Net interest income, representing interest income less interest expense, is a significant contributor to our revenues and earnings. We generate interest income from interest and dividends on interest-earning assets, which include loans, leases and investment securities we own. We incur interest expense from interest paid on interest-bearing liabilities, which include interest-bearing deposits, FHLB advances, junior subordinated debentures and other borrowings. To evaluate net interest income, we measure and monitor (i) yields on our loans and other interest-earning assets, (ii) the costs of our deposits and other funding sources, (iii) our net interest spread, and (iv) our net interest margin. Net interest spread is the difference between rates earned on interest-earning assets and rates paid on interest-bearing liabilities. Net interest margin is calculated as the annualized net interest income divided by average interest-earning assets. Because non-interest-bearing sources of funds, such as non-interest-bearing deposits and stockholders' equity, also fund interest-earning assets, net interest margin includes the benefit of these non-interest-bearing sources.

We also recognize income from the accretable discounts associated with the purchase of interest-earning assets. Because of our recapitalization and the acquisitions of Ridgestone, First Evanston, and Oak Park River Forest, we derive a portion of our interest income from the accretable discounts on acquired loans. The accretion is generally recognized over the life of the loan and is impacted by changes in expected cash flows on the loan. This accretion will continue to have an impact on our net interest income as long as loans acquired with a discount at acquisition represent a meaningful portion of our interest-earning assets. As of September 30, 2019, acquired loans with evidence of credit deterioration accounted for under ASC Topic 310-30, Accounting for Purchased Loans with Deteriorated Credit Quality, represented 7.2% of our total loan portfolio, compared to 8.0% at December 31, 2018.

Changes in the market interest rates we earn on interest-earning assets or pay on interest-bearing liabilities, as well as the volume and types of interest-earning assets, interest-bearing and non-interest-bearing liabilities, are usually the largest drivers of periodic changes in net interest spread, net interest margin and net interest income. In addition, our interest income includes the accretion of the discounts on our acquired loans, which will also affect our net interest spread, net interest margin and net interest income.

The following tables present, for the periods indicated, information about (i) average balances, the total dollar amount of interest income from interest-earning assets and the resultant average yields; (ii) average balances, the total dollar amount of interest expense on interest-bearing liabilities and the resultant average rates; (iii) net interest income; (iv) the interest rate spread; and (v) the net interest margin. Yields have been calculated on a pre-tax basis (dollars in thousands).

	Three Months Ended September 30,					
	2019			2018		
	Average Balance ⁽⁵⁾	Interest Inc / Exp	Average Yield / Rate	Average Balance ⁽⁵⁾	Interest Inc / Exp	Average Yield / Rate
ASSETS						
Cash and cash equivalents	\$ 34,225	\$ 252	2.93%	\$ 107,555	\$ 368	1.36%
Loans and leases ⁽¹⁾	3,860,770	63,391	6.51%	3,387,569	55,045	6.45%
Taxable securities	996,750	6,900	2.75%	860,081	5,323	2.46%
Tax-exempt securities ⁽²⁾	76,161	486	2.53%	55,656	337	2.40%
Total interest-earning assets	<u>\$ 4,967,906</u>	<u>\$ 71,029</u>	5.67%	<u>\$ 4,410,861</u>	<u>\$ 61,073</u>	5.49%
Allowance for loan and lease losses	(32,246)			(21,557)		
All other assets	500,102			420,635		
TOTAL ASSETS	<u><u>\$ 5,435,762</u></u>			<u><u>\$ 4,809,939</u></u>		
LIABILITIES AND STOCKHOLDERS' EQUITY						
Deposits						
Interest checking	\$ 358,185	\$ 524	0.58%	\$ 316,394	\$ 384	0.48%
Money market accounts	735,724	1,917	1.03%	618,213	1,200	0.77%
Savings	475,417	114	0.10%	479,837	148	0.12%
Time deposits	1,270,050	7,063	2.21%	1,084,550	4,239	1.55%
Total interest-bearing deposits	2,839,376	9,618	1.34%	2,498,994	5,971	0.95%
Federal Home Loan Bank advances	530,055	2,771	2.07%	394,588	1,723	1.73%
Other borrowed funds	70,080	802	4.54%	61,582	786	5.06%
Total borrowings	600,135	3,573	2.36%	456,170	2,509	2.18%
Total interest-bearing liabilities	<u>\$ 3,439,511</u>	<u>\$ 13,191</u>	1.52%	<u>\$ 2,955,164</u>	<u>\$ 8,480</u>	1.14%
Non-interest-bearing demand deposits	1,223,556			1,175,523		
Other liabilities	42,914			53,631		
Total stockholders' equity	<u>729,781</u>			<u>625,621</u>		
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	<u><u>\$ 5,435,762</u></u>			<u><u>\$ 4,809,939</u></u>		
Net interest spread ⁽³⁾			<u>4.15%</u>			<u>4.35%</u>
Net interest income		<u>\$ 57,838</u>			<u>\$ 52,593</u>	
Net interest margin ⁽⁴⁾			<u>4.62%</u>			<u>4.73%</u>
Net loan accretion impact on margin		\$ 7,703	0.62%		\$ 8,259	0.74%

- (1) Loan and lease balances are net of deferred origination fees and costs and initial direct costs. Non-accrual loans and leases are included in total loan and lease balances.
- (2) Interest income and rates exclude the effects of a tax equivalent adjustment to adjust tax-exempt investment income on tax-exempt investment securities to a fully taxable basis due to immateriality.
- (3) Represents the average rate earned on interest-earning assets minus the average rate paid on interest-bearing liabilities.
- (4) Represents net interest income (annualized) divided by total average interest-earning assets.
- (5) Average balances are average daily balances.

	Nine Months Ended September 30,					
	2019			2018		
	Average Balance ⁽⁵⁾	Interest Inc / Exp	Average Yield / Rate	Average Balance ⁽⁵⁾	Interest Inc / Exp	Average Yield / Rate
ASSETS						
Cash and cash equivalents	\$ 45,327	\$ 798	2.35%	\$ 71,607	\$ 648	1.21%
Loans and leases ⁽¹⁾	3,719,323	177,298	6.37%	2,771,274	128,326	6.19%
Taxable securities	966,449	19,546	2.70%	794,261	14,342	2.41%
Tax-exempt securities ⁽²⁾	66,635	1,257	2.52%	40,065	740	2.47%
Total interest-earning assets	\$ 4,797,734	\$ 198,899	5.54%	\$ 3,677,207	\$ 144,056	5.24%
Allowance for loan and lease losses	(28,626)			(19,085)		
All other assets	457,383			358,793		
TOTAL ASSETS	\$ 5,226,491			\$ 4,016,915		
LIABILITIES AND STOCKHOLDERS' EQUITY						
Deposits						
Interest checking	\$ 328,558	\$ 1,390	0.57%	\$ 244,088	\$ 546	0.30%
Money market accounts	682,020	5,166	1.01%	478,607	2,352	0.66%
Savings	474,815	371	0.10%	457,179	308	0.09%
Time deposits	1,248,258	20,073	2.15%	895,502	9,008	1.34%
Total interest-bearing deposits	2,733,651	27,000	1.32%	2,075,376	12,214	0.79%
Federal Home Loan Bank advances	463,645	7,044	2.03%	367,098	4,441	1.62%
Other borrowed funds	71,568	2,484	4.64%	58,585	2,057	4.70%
Total borrowings	535,213	9,528	2.38%	425,683	6,498	2.04%
Total interest-bearing liabilities	\$ 3,268,864	\$ 36,528	1.49%	\$ 2,501,059	\$ 18,712	1.00%
Non-interest-bearing demand deposits	1,221,375			938,423		
Other liabilities	40,705			42,257		
Total stockholders' equity	695,547			535,176		
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	\$ 5,226,491			\$ 4,016,915		
Net interest spread ⁽³⁾			4.05%			4.24%
Net interest income		\$ 162,371			\$ 125,344	
Net interest margin ⁽⁴⁾			4.52%			4.56%
Net loan accretion impact on margin		\$ 17,772	0.50%		\$ 14,199	0.52%

- (1) Loan and lease balances are net of deferred origination fees and costs and initial direct costs. Non-accrual loans and leases are included in total loan and lease balances.
- (2) Interest income and rates exclude the effects of a tax equivalent adjustment to adjust tax-exempt investment income on tax-exempt investment securities to a fully taxable basis due to immateriality.
- (3) Represents the average rate earned on interest-earning assets minus the average rate paid on interest-bearing liabilities.
- (4) Represents net interest income (annualized) divided by total average interest-earning assets.
- (5) Average balances are average daily balances.

Increases and decreases in interest income and interest expense result from changes in average balances (volume) of interest-earning assets and interest-bearing liabilities, as well as changes in average interest rates. The following table sets forth the effects of changing rates and volumes on our net interest income during the periods shown. Information is provided with respect to (i) effects on interest income attributable to changes in volume (changes in volume multiplied by prior rate) and (ii) effects on interest income attributable to changes in rate (changes in rate multiplied by prior volume). Changes applicable to both volume and rate have been allocated to volume. Yields have been calculated on a pre-tax basis. The table below is a summary of increases and decreases in interest income and interest expense resulting from changes in average balances (volume) and changes in average interest rates (dollars in thousands):

Three Months Ended September 30, 2019 compared to Three Months Ended September 30, 2018			
	Increase (Decrease) Due to		Total
	Volume	Rate	
Interest income			
Cash and cash equivalents	\$ (541)	\$ 425	\$ (116)
Loans and leases ⁽¹⁾	7,834	512	8,346
Taxable securities	947	630	1,577
Tax-exempt securities	131	18	149
Total interest income	\$ 8,371	\$ 1,585	\$ 9,956
Interest expense			
Deposits			
Interest checking	\$ 61	\$ 79	\$ 140
Money market accounts	311	406	717
Savings	(10)	(24)	(34)
Time deposits	1,020	1,804	2,824
Total interest-bearing deposits	1,382	2,265	3,647
Federal Home Loan Bank advances	710	338	1,048
Other borrowed funds	97	(81)	16
Total borrowings	807	257	1,064
Total interest expense	\$ 2,189	\$ 2,522	\$ 4,711
Net interest income	\$ 6,182	\$ (937)	\$ 5,245

(1) Includes loans and leases on non-accrual status.

Net interest income for the three months ended September 30, 2019 was \$57.8 million compared to \$52.6 million during the same period in 2018, an increase of \$5.2 million or 10.0%. Interest income increased \$10.0 million for the three months ended September 30, 2019 compared to the same period in 2018, and was primarily a result of an increase in loans as a result of the Oak Park River Forest acquisition, organic loan and lease growth, an increase in the securities portfolio, and an increase in average yield on loans and leases. Interest expense increased by \$4.7 million for the three months ended September 30, 2019 compared to the same period in 2018, primarily due to deposits assumed as a result of the Oak Park River Forest acquisition, an increase in FHLB advances to fund organic growth, and increased interest expense on time deposits and FHLB advances resulting from higher market interest rates.

Nine Months Ended September 30, 2019 compared to Nine Months Ended September 30, 2018			
	Increase (Decrease) Due to		Total
	Volume	Rate	
Interest income			
Cash and cash equivalents	\$ (460)	\$ 610	\$ 150
Loans and leases ⁽¹⁾	45,241	3,731	48,972
Taxable securities	3,481	1,723	5,204
Tax-exempt securities	502	15	517
Total interest income	\$ 48,764	\$ 6,079	\$ 54,843
Interest expense			
Deposits			
Interest checking	\$ 351	\$ 493	\$ 844
Money market accounts	1,561	1,253	2,814
Savings	29	34	63
Time deposits	5,640	5,425	11,065
Total interest-bearing deposits	7,581	7,205	14,786
Federal Home Loan Bank advances	1,477	1,126	2,603
Other borrowed funds	453	(26)	427
Total borrowings	1,930	1,100	3,030
Total interest expense	\$ 9,511	\$ 8,305	\$ 17,816
Net interest income	\$ 39,253	\$ (2,226)	\$ 37,027

(1) Includes loans and leases on non-accrual status.

Net interest income for the nine months ended September 30, 2019 was \$162.4 million compared to \$125.3 million during the same period in 2018, an increase of \$37.0 million or 29.5%. The increase in interest income of \$54.8 million was primarily a result of an increase in loans as a result of the acquisitions, organic loan and lease growth, an increase in average yield on loans and leases, and an increase in the securities portfolio. Interest expense increased by \$17.8 million for the nine months ended September 30, 2019 compared to the same period in 2018, primarily due to deposits assumed as a result of the acquisitions, increased FHLB advances to fund organic growth, and increased interest cost of interest-bearing deposits and FHLB advances resulting from higher market interest rates.

The net interest margin for the three months ended September 30, 2019 was 4.62%, a decrease of 11 basis points compared to 4.73% for the three months ended September 30, 2018. The primary driver of the decrease for the three month period was increased average interest-bearing deposit costs resulting from increased market interest rates and increased costs of time deposits, partially offset by increases in average loan and lease yields resulting from the acquisitions. The net interest margin for the nine months ended September 30, 2019 was 4.52%, a decrease of four basis points compared to 4.56% for the nine months ended September 30, 2018. The primary driver of the decrease for the nine month period was increased average interest-bearing deposit costs resulting from increased market interest rates and increased costs on FHLB advances, partially offset by increases in average loan and lease yields and loan accretion income resulting from the acquisitions and increased interest rates on variable rate loans. Net loan accretion income was \$7.7 million for the three months ended September 30, 2019, compared to \$8.3 million for the three months ended September 30, 2018. Net loan accretion income was \$17.8 million for the nine months ended September 30, 2019, compared to \$14.2 million for the nine months ended September 30, 2018. Total net loan accretion on acquired loans contributed 62 basis points to the net interest margin for the three months ended September 30, 2019, compared to 74 basis points for the three months ended September 30, 2018. Total net loan accretion on acquired loans contributed 50 basis points to the net interest margin for the nine months ended September 30, 2019, compared to 52 basis points for the nine months ended September 30, 2018.

Provision for Loan and Lease Losses

The provision for loan and lease losses represents a charge to earnings necessary to establish an allowance for loan and lease losses that, in management's evaluation, is appropriate to provide coverage for probable losses incurred in the loan and lease portfolio. The allowance for loan and lease losses is increased by the provision for loan and lease losses and is decreased by charge-offs, net of recoveries on prior charge-offs.

Provisions for loan and lease losses were \$5.9 million and \$5.8 million for the three months ended September 30, 2019 and 2018, respectively, an increase of \$89,000 or 1.5%. Provisions for loan and lease losses were \$16.3 million and \$14.9 million for the nine months ended September 30, 2019 and 2018, respectively, an increase of \$1.4 million or 9.4%. These increases reflect the growth in our loan portfolio, particularly the unguaranteed portion of U.S. government guaranteed loans, the migration of the acquired portfolio into the originated portfolio, and increases to our general reserves. The ALLL as a percentage of loans and leases increased from 0.72% at December 31, 2018 to 0.82% at September 30, 2019.

Non-Interest Income

Non-interest income was \$14.8 million for the three months ended September 30, 2019, compared to \$10.9 million for the three months ended September 30, 2018, an increase of \$3.9 million or 35.8%. The increase was primarily due to an increase in net gains on sales of U.S. government guaranteed loans due to increased sales volume during the quarter, and a reduction in loan servicing asset revaluation due to changes in fair value of the servicing asset as a result of changes in prepayment speeds.

Non-interest income was \$41.0 million for the nine months ended September 30, 2019, compared to \$36.2 million for the nine months ended September 30, 2018, an increase of \$4.7 million or 13.1%. The increase was primarily due to a reduction in loan servicing asset revaluation due to changes in fair value of the servicing asset as a result of changes to valuation assumptions, security sales during the period, an increase in the fair value of equity securities, net, wealth management and trust income as a result of the First Evanston acquisition, and an increase in net gains on sales of U.S. government guaranteed loans primarily due to increased average premiums during the period.

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2019	2018	2019	2018
Fees and service charges on deposits	\$ 1,612	\$ 1,825	\$ 4,823	\$ 4,593
Loan servicing revenue	2,692	2,622	7,861	7,605
Loan servicing asset revaluation	(1,610)	(2,446)	(4,094)	(6,407)
ATM and interchange fees	973	1,540	2,635	3,303
Net gain on sales of securities available-for-sale	178	—	1,151	4
Change in fair value of equity securities, net	(15)	—	1,035	—
Net gains on sales of loans	9,405	5,015	23,110	22,214
Wealth management and trust income	653	674	1,874	866
Other non-interest income	918	1,672	2,582	4,058
Total non-interest income	<u>\$ 14,806</u>	<u>\$ 10,902</u>	<u>\$ 40,977</u>	<u>\$ 36,236</u>

Fees and service charges on deposits represent amounts charged to customers for banking services, such as fees on deposit accounts, and include, but are not limited to, maintenance fees, insufficient fund fees, overdraft protection fees, wire transfer fees and other charges. Fees and service charges on deposits were \$1.6 million for the three months ended September 30, 2019, compared to \$1.8 million for the three months ended September 30, 2018, a decrease of \$213,000 or 11.7%. The variance was primarily attributable to lower fee income from business and consumer accounts. Fees and service charges on deposits were \$4.8 million for the nine months ended September 30, 2019, compared to \$4.6 million for the nine months ended September 30, 2018, an increase of \$230,000 or 5.0%. The increase was primarily driven by additional deposit accounts from the First Evanston acquisition.

While portions of the loans that we originate are sold and generate gains on sale revenue, servicing rights for the majority of loans that we sell are retained by us. In exchange for continuing to service loans that have been sold, we receive servicing revenue from a portion of the interest cash flow of the loan. We generated \$2.7 million in loan servicing revenue on the sold portion of the U.S. government guaranteed loans for the three months ended September 30, 2019, compared to \$2.6 million for the three months ended September 30, 2018, an increase of \$70,000 or 2.7%. We generated \$7.9 million in loan servicing revenue for the nine months ended September 30, 2019, compared to \$7.6 million for the nine months ended September 30, 2018, an increase of \$256,000 or 3.4%. The increases were primarily driven by an increase in total loans serviced due to additional U.S government guaranteed loans sold with retained servicing rights during the periods. At September 30, 2019 and December 31, 2018, the outstanding balance of guaranteed loans serviced was \$1.3 billion.

Loan servicing asset revaluation represents net changes in the fair value of our servicing assets. Loan servicing asset revaluation had a downward adjustment of \$1.6 million for the three months ended September 30, 2019, compared to \$2.4 million for the three months ended September 30, 2018, a decrease of \$836,000 or 34.2% due to improved secondary market premiums. Loan servicing asset revaluation had a downward adjustment of \$4.1 million for the nine months ended September 30, 2019, compared to \$6.4 million for the nine months ended September 30, 2018, a decrease of \$2.3 million or 36.1%. The reductions in loan servicing asset revaluation were primarily driven by the change in secondary market premiums.

ATM and interchange fees were \$973,000 for the three months ended September 30, 2019, compared to \$1.5 million for the three months ended September 30, 2018, a decrease of \$567,000 or 36.8%. ATM and interchange fees were \$2.6 million for the nine months ended September 30, 2019, compared to \$3.3 million for the nine months ended September 30, 2018, a decrease of \$668,000 or 20.2%. The decreases were primarily driven by lower interchange income and decreased transactional account volume. In addition, the nine months ended September 30, 2018 included a credit card vendor agreement signing bonus.

Net gains on sales of securities were \$178,000 during the three months ended September 30, 2019. There were no security sales during the three months ended September 30, 2018. Net gains on sales of securities were \$1.2 million during the nine months ended September 30, 2019, compared to \$4,000 for the nine months ended September 30, 2018. The increase is a result of sales during the period. We sold \$32.5 million of securities during the three months ended September 30, 2019 and sold no securities during the three months ended September 30, 2018. We sold \$92.1 million of securities during the nine months ended September 30, 2019, compared to \$544,000 during the nine months ended September 30, 2018.

Change in fair value of equity securities, net, was a \$15,000 decrease and \$1.0 million increase in fair value for the three and nine months ended September 30, 2019, respectively. Upon adoption of new accounting guidance as of January 1, 2019, changes in fair value of equity securities are recorded through net income rather than other comprehensive income. The amount recorded during the periods is a result of the increase or decrease in the fair value of these securities.

Net gains on sales of loans were \$9.4 million for the three months ended September 30, 2019, compared to \$5.0 million for the three months ended September 30, 2018, an increase of \$4.4 million or 87.5%. We sold \$93.3 million of U.S. government guaranteed loans during the three months ended September 30, 2019 compared to \$59.6 million during the three months ended September 30, 2018. Net gains on sales of loans were \$23.1 million for the nine months ended September 30, 2019, compared to \$22.2 million for the nine months ended September 30, 2018, an increase of \$896,000 or 4.0%. We sold \$234.7 million of U.S. government guaranteed loans during the nine months ended September 30, 2019, compared to \$233.1 million during the nine months ended September 30, 2018. The increases in net gains on sales were primarily driven by increased government guaranteed loan sales volume and increased average premiums during the periods.

Wealth management and trust income represents fees charged to customers for investment, trust, or wealth management services and are primarily determined by total assets under management. Wealth management and trust income was \$653,000 for the three months ended September 30, 2019, compared to \$674,000 for the three months ended September 30, 2018. Wealth management and trust income was \$1.9 million for the nine months ended September 30, 2019, compared to \$866,000 for the nine months ended September 30, 2018. Prior to the First Evanston acquisition during the second quarter of 2018, we did not record wealth management and trust income. Assets under management were \$566.0 million and \$648.5 million as of September 30, 2019 and 2018, respectively. The decrease was primarily driven by market conditions and account closures.

Other non-interest income was \$918,000 for the three months ended September 30, 2019, compared to \$1.7 million for the three months ended September 30, 2018, a decrease of \$754,000 or 45.1%. The primary drivers of the decrease were a decrease in gains on sales of assets held for sale of \$677,000 and a decrease in customer derivative products fee income of \$258,000 due to the current interest rate environment.

Other non-interest income was \$2.6 million for the nine months ended September 30, 2019, compared to \$4.1 million for the nine months ended September 30, 2018, a decrease of \$1.5 million or 36.4%. The primary drivers of the decrease were a decrease in customer derivative products fee income of \$912,000 due to the interest rate environment, and loss on sales of assets held for sale of \$29,000 for the nine months ended September 30, 2019, compared to a gain of \$908,000 for the nine months ended September 30, 2018.

Non-Interest Expense

Non-interest expense was \$45.4 million for the three months ended September 30, 2019, compared to \$37.7 million for the three months ended September 30, 2018, an increase of \$7.7 million or 20.5%. Non-interest expense was \$130.1 million for the nine months ended September 30, 2019, compared to \$114.8 million for the nine months ended September 30, 2018, an increase of \$15.3 million or 13.3%. The increases were primarily due to the additional expenses as a result of our acquisition related activity, including salary and employee benefits, system conversion expenses, other intangible asset amortization expense, and the core system conversion completed in the first quarter of 2019.

The following table presents the major components of our non-interest expense for the periods indicated (dollars in thousands):

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2019	2018	2019	2018
Salaries and employee benefits	\$ 24,537	\$ 21,312	\$ 71,081	\$ 58,834
Occupancy expense, net	3,745	3,548	12,362	11,802
Equipment expense	767	617	2,168	1,778
Loan and lease related expenses	1,949	1,015	5,367	3,886
Legal, audit and other professional fees	4,066	2,358	9,113	8,627
Data processing	4,062	2,724	11,055	15,396
Net loss (gain) recognized on other real estate owned and other related expenses	95	(284)	543	187
Regulatory assessments	228	675	540	1,282
Other intangible assets amortization expense	2,003	1,898	5,735	3,795
Advertising and promotions	843	537	2,284	1,133
Telecommunications	474	435	1,475	1,319
Other non-interest expense	2,679	2,880	8,358	6,769
Total non-interest expense	<u>\$ 45,448</u>	<u>\$ 37,715</u>	<u>\$ 130,081</u>	<u>\$ 114,808</u>

Salaries and employee benefits, the single largest component of our non-interest expense, totaled \$24.5 million for the three months ended September 30, 2019, compared to \$21.3 million for the three months ended September 30, 2018, an increase of \$3.2 million or 15.1%. Salaries and employee benefits totaled \$71.1 million for the nine months ended September 30, 2019, compared to \$58.8 million for the nine months ended September 30, 2018, an increase of \$12.2 million or 20.8%. The increases were primarily a result of the acquisitions. Our staffing increased from 924 full-time equivalent employees as of September 30, 2018 to 1,004 as of September 30, 2019.

Occupancy expense was \$3.7 million for the three months ended September 30, 2019, compared to \$3.5 million for the three months ended September 30, 2018, an increase of \$197,000 or 5.6%. Occupancy expense was \$12.4 million for the nine months ended September 30, 2019, compared to \$11.8 million for the nine months ended September 30, 2018, an increase of \$560,000 or 4.7%. The increases were primarily a result of our additional branches resulting from the acquisitions and seasonal weather fluctuations in the Chicagoland area, offset by the consolidation of seven branches and two other facilities.

Equipment expense was \$767,000 for the three months ended September 30, 2019, compared to \$617,000 for the three months ended September 30, 2018, an increase of \$150,000 or 24.3%. Equipment expense was \$2.2 million for the nine months ended September 30, 2019, compared to \$1.8 million for the nine months ended September 30, 2018, an increase of \$390,000 or 21.9%. The increases were primarily a result of increased investment in equipment and technology assets.

Loan and lease related expenses were \$1.9 million for the three months ended September 30, 2019, compared to \$1.0 million for the three months ended September 30, 2018, an increase of \$934,000 or 92.0%. Loan and lease related expenses were \$5.4 million for the nine months ended September 30, 2019, compared to \$3.9 million for the nine months ended September 30, 2018, an increase of \$1.5 million or 38.1%. The increases were primarily driven by additional loans and leases from organic growth and increased collection expense.

Legal, audit and other professional fees were \$4.1 million for the three months ended September 30, 2019, compared to \$2.4 million for the three months ended September 30, 2018, an increase of \$1.7 million or 72.4%. The increase was primarily driven by higher professional services costs. Legal, audit and other professional fees were \$9.1 million for the nine months ended September 30, 2019, compared to \$8.6 million for the nine months ended September 30, 2018, an increase of \$486,000 or 5.6%. The increase was primarily driven by our core system conversion and the Oak Park River Forest acquisition, partially offset by the higher expenses related to the First Evanston acquisition incurred in 2018.

Data processing expense was \$4.1 million for the three months ended September 30, 2019, compared to \$2.7 million for the three months ended September 30, 2018, an increase of \$1.3 million or 49.1%. The increase was primarily due to increased expenses in connection with the Oak Park River Forest core system conversion. Data processing expense was \$11.1 million for the nine months ended September 30, 2019, compared to \$15.4 million for the nine months ended September 30, 2018, a decrease of \$4.3 million or 28.2%. The decrease was primarily due to contract termination expenses during the second quarter of 2018 related to our core system conversion, which was completed during the first quarter of 2019.

Net loss recognized on other real estate owned and other related expenses was \$95,000 for the three months ended September 30, 2019, compared to a net gain of \$284,000 for the three months ended September 30, 2018, an increase in expense of \$379,000 or 133.5%. This variance was primarily attributed to a net gain on sales of other real estate owned assets during the third quarter of 2018 of \$489,000 compared to \$38,000 during the three months ended September 30, 2019, and increased expenses due to higher real estate tax expenses. Net loss recognized on other real estate owned and other related expenses was \$543,000 for the nine months ended September 30, 2019, compared to \$187,000 for the nine months ended September 30, 2018, an increase of \$356,000 or 190.4%. This variance was primarily attributed to decreased gains on sales of other real estate owned assets.

Regulatory assessments were \$228,000 for the three months ended September 30, 2019, compared to \$675,000 for the three months ended September 30, 2018, a decrease of \$447,000 or 66.2%. The decrease was primarily driven by our FDIC small business assessment credit. Regulatory assessments were \$540,000 for the nine months ended September 30, 2019, compared to \$1.3 million for the nine months ended September 30, 2018, a decrease of \$742,000 or 57.9%. The decrease was primarily driven by an FDIC credit and updated FICO multiplier.

Other intangible assets amortization expense was \$2.0 million for the three months ended September 30, 2019, compared to \$1.9 million for the three months ended September 30, 2018, an increase of \$105,000 or 5.5%. Other intangible assets amortization expense was \$5.7 million for the nine months ended September 30, 2019, compared to \$3.8 million for the nine months ended September 30, 2018, an increase of \$1.9 million or 51.1%. The increases were attributed to additional core deposit intangible asset amortization resulting from the acquisitions and a customer relationship intangible asset amortization as a result of the First Evanston acquisition.

Advertising and promotions were \$843,000 for the three months ended September 30, 2019, compared to \$537,000 for the three months ended September 30, 2018, an increase of \$306,000 or 57.0%. Advertising and promotions were \$2.3 million for the nine months ended September 30, 2019, compared to \$1.1 million for the nine months ended September 30, 2018, an increase of \$1.2 million or 101.6%. The increases were primarily due to an increase in advertising attributable to deposit advertising campaigns and an increase in sponsorships.

Telecommunications expense was \$474,000 for the three months ended September 30, 2019, compared to \$435,000 for the three months ended September 30, 2018, an increase of \$39,000 or 9.0%. Telecommunications expense was \$1.5 million for the nine months ended September 30, 2019, compared to \$1.3 million for the nine months ended September 30, 2018, an increase of \$156,000 or 11.8%. The increases were primarily a result of our larger branch network and integration expenses partially offset by cost savings initiatives.

Other non-interest expense was \$2.7 million for the three months ended September 30, 2019, compared to \$2.9 million for the three months ended September 30, 2018, a decrease of \$201,000 or 7.0%. The primary drivers of the decrease were decreases of \$360,000 in provision for unfunded commitments due to a decrease in our unfunded loan commitments, \$123,000 in ATM, debit card, and other losses, and \$73,000 in impairment charges on assets held for sale.

Other non-interest expense was \$8.4 million for the nine months ended September 30, 2019, compared to \$6.8 million for the nine months ended September 30, 2018, an increase of \$1.6 million or 23.5%. The primary drivers of the increase were increases of \$915,000 in stationery, supplies and postage, \$482,000 in ATM, debit card, and other losses, and \$203,000 in impairment charges on assets held for sale.

Our efficiency ratio was 59.81% for the three months ended September 30, 2019, compared to 56.41% for the three months ended September 30, 2018. The change in our efficiency ratio for the three months ended September 30, 2019 is primarily attributable to increased non-interest expense driven by the Oak Park River Forest acquisition, partially offset by the increase in our net interest income resulting from the acquisition and organic loan and lease growth. Our efficiency ratio was 61.15% for the nine months ended September 30, 2019, compared to 68.70% for the nine months ended September 30, 2018. The improvement in our efficiency ratio for the nine months ended September 30, 2019 is primarily attributable to the increase in our net interest income resulting from our acquisitions and organic loan and lease growth, partially offset by increased non-interest expense primarily driven by increased salary and employee benefit expenses and core system conversion expenses. Our adjusted efficiency ratio was 58.17% for the three months ended September 30, 2019, compared to 55.62% for the three months ended September 30, 2018. Our adjusted efficiency ratio was 57.87% for the nine months ended September 30, 2019, compared to 61.73% for the nine months ended September 30, 2018. Please refer to the “Reconciliation of Non-GAAP Financial Measures” for a reconciliation of our non-GAAP measures to the most directly comparable GAAP financial measure.

Income Taxes

Our provision for income taxes for the three months ended September 30, 2019 totaled \$5.9 million, compared to \$5.4 million for the three months ended September 30, 2018. The increase in income tax expense was primarily due to increased income before provision for income taxes during the period. Our effective tax rate was 27.9% for the three months ended September 30, 2019 and 27.1% for the three months ended September 30, 2018. The Company recorded minimal discrete income tax expense related to the exercise of stock options and vesting of restricted stock for the three months ended September 30, 2019, and recorded discrete income tax benefit of \$151,000 for the three months ended September 30, 2018.

Our provision for income taxes for the nine months ended September 30, 2019 totaled \$15.8 million, compared to \$7.8 million for the nine months ended September 30, 2018. The increase in income tax expense was primarily due to increased income before provision for income taxes during the period. Our effective tax rate was 27.7% and 24.4% for the nine months ended September 30, 2019 and 2018, respectively. The Company recorded discrete income tax benefit related to the exercise of stock options and vesting of restricted stock of \$64,000 and \$362,000 for the nine months ended September 30, 2019 and 2018, respectively. We expect our effective tax rate for 2019 to be approximately 27% to 29%.

The Tax Cuts and Jobs Act (the “Tax Act”) was enacted on December 22, 2017, and ASC Topic 740, Income Taxes (“ASC 740”), required us to reflect the changes associated with the Tax Act’s provisions in the fourth quarter of 2017. The Tax Act is complex and has extensive implications for our federal and state taxes. Among other things, the Tax Act reduced the corporate federal income tax rate from 35% to 21%, effective January 1, 2018. Also on December 22, 2017, the SEC issued Staff Accounting Bulletin No. 118, which provides guidance on accounting for the Tax Act’s impact. SAB 118 provides a measurement period, not to extend beyond one year from the date of enactment. As a result of the rate change, our net deferred tax assets were required to be revalued during the period in which the new legislation was enacted. We recorded net income tax expense of \$7.2 million during the fourth quarter of 2017 as a result of this change, and recorded an additional discrete income tax benefit of \$760,000 during the first quarter of 2018.

Financial Condition

Balance Sheet Analysis

Our total assets increased by \$495.7 million, or 10.0%, to \$5.4 billion at September 30, 2019, compared to \$4.9 billion at December 31, 2018. The increase in total assets includes an increase of \$329.5 million, or 9.4%, in loans and leases from \$3.5 billion at December 31, 2018 to \$3.8 billion at September 30, 2019. Our originated loan and lease portfolio increased by \$533.7 million and our acquired loan and lease portfolio decreased by \$204.2 million. The increase in our originated portfolio is primarily attributed to organic loan and lease growth and renewals of acquired non-impaired loans that are now reflected with originated loans. The decrease in our acquired portfolio is attributed to renewals reflected in originated loans, payoffs, and pay downs during the period, partially offset by the Oak Park River Forest acquisition.

Total liabilities increased by \$410.5 million, or 9.6%, to \$4.7 billion at September 30, 2019, compared to \$4.3 billion at December 31, 2018. The increase is a result of an increase in total deposits of \$330.4 million, or 8.8%, primarily attributed to the Oak Park River Forest acquisition, time deposit growth as a result of deposit promotions to seek to expand our retail customer base, money market growth, and in increase in Federal Home Loan Bank advances due to loan and lease growth and security purchases.

Investment Portfolio

Our investment securities portfolio consists of securities classified as available-for-sale and held-to-maturity. There were no securities classified as trading in our investment portfolio as of September 30, 2019 or December 31, 2018. All available-for sale securities are carried at fair value and may be used for liquidity purposes should management consider it to be in our best interest. Securities available-for-sale consist primarily of residential mortgage-backed securities, commercial mortgage-backed securities and U.S. government agencies securities.

Securities available-for-sale increased \$214.3 million, or 26.2%, from \$817.7 million at December 31, 2018 to \$1.0 billion at September 30, 2019. The increase was primarily attributed to securities purchases and the adoption of the provisions of ASU No. 2017-12 during the year. Upon adoption, we elected to reclassify \$94.8 million of securities held-to-maturity to securities available-for-sale. Additionally, we acquired \$30.3 million of available-for-sale securities upon the acquisition of Oak Park River Forest, and there were additional purchases of agency, mortgage-backed, corporate, and U.S. Treasury securities during the year.

At September 30, 2019, our held-to-maturity securities portfolio consists of obligations of states, municipalities and political subdivisions. We carry these securities at amortized cost. Securities held-to-maturity decreased \$94.8 million, or 95.6%, from \$99.3 million at December 31, 2018 to \$4.4 million at September 30, 2019. This decrease was due to the adoption of ASU No. 2017-12 as discussed above.

The fair value of our equity and other securities portfolio was \$7.6 million at September 30, 2019. We adopted the provisions of ASU No. 2016-01 on January 1, 2019, which require changes in the value of certain equity securities and mutual fund investments to be recognized in the Consolidated Statements of Operations. These securities were included in the available-for-sale portfolio as of December 31, 2018.

We had no securities that were classified as having other-than-temporary-impairment ("OTTI") as of September 30, 2019 or December 31, 2018.

The following table summarizes the fair value of the available-for-sale and held-to-maturity securities portfolio as of the dates presented (dollars in thousands):

	September 30, 2019		December 31, 2018	
	Amortized Cost	Fair Value	Amortized Cost	Fair Value
Available-for-sale				
U.S. Treasury Notes	\$ 42,381	\$ 42,842	\$ 52,775	\$ 52,667
U.S. Government agencies	177,082	177,858	187,427	186,498
Obligations of states, municipalities, and political subdivisions	96,564	98,602	60,686	60,233
Residential mortgage-backed securities				
Agency	329,145	329,010	284,038	272,963
Non-agency	119,661	120,060	84,998	83,621
Commercial mortgage-backed securities				
Agency	150,891	152,033	93,543	90,434
Non-agency	31,224	31,500	31,458	30,458
Corporate securities	46,821	47,194	34,716	34,173
Other securities	32,955	32,834	4,613	6,609
Total	<u>\$ 1,026,724</u>	<u>\$ 1,031,933</u>	<u>\$ 834,254</u>	<u>\$ 817,656</u>

	September 30, 2019		December 31, 2018	
	Amortized Cost	Fair Value	Amortized Cost	Fair Value
Held-to-maturity				
Obligations of states, municipalities, and political subdivisions	\$ 4,417	\$ 4,502	\$ 23,835	\$ 23,665
Residential mortgage-backed securities				
Agency	—	—	40,082	39,644
Non-agency	—	—	35,349	34,430
Total	<u>\$ 4,417</u>	<u>\$ 4,502</u>	<u>\$ 99,266</u>	<u>\$ 97,739</u>

Certain securities have fair values less than amortized cost and, therefore, contain unrealized losses. At September 30, 2019, we evaluated the securities which had an unrealized loss for OTTI and determined all declines in value to be temporary. There were 74 investment securities with unrealized losses at September 30, 2019. We anticipate full recovery of amortized cost with respect to these securities by maturity, or sooner in the event of a more favorable market interest rate environment. We do not intend to sell these securities and it is not more likely than not that we will be required to sell them before recovery of their amortized cost basis, which may be at maturity.

The following tables (dollars in thousands) set forth certain information regarding contractual maturities and the weighted average yields of our investment securities as of the dates presented. Expected maturities may differ from contractual maturities if borrowers have the right to call or prepay obligations with or without call or prepayment penalties.

	Maturity as of September 30, 2019							
	Due in One Year or Less		Due from One to Five Years		Due from Five to Ten Years		Due after Ten Years	
	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾
Equity and other securities, at fair value								
Mutual funds	\$ —	0.00%	\$ —	0.00%	\$ —	0.00%	\$ 2,944	2.62%
Equity securities	—	0.00%	—	0.00%	—	0.00%	4,704	1.53%
Total	<u>\$ —</u>	<u>0.00%</u>	<u>\$ —</u>	<u>0.00%</u>	<u>\$ —</u>	<u>0.00%</u>	<u>\$ 7,648</u>	<u>1.95%</u>

Maturity as of September 30, 2019								
	Due in One Year or Less		Due from One to Five Years		Due from Five to Ten Years		Due after Ten Years	
	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾
Available-for-sale								
U.S. Treasury Notes	\$ 16,973	2.57%	\$ 25,408	2.50%	\$ —	0.00%	\$ —	0.00%
U.S. government agencies	29,874	2.35%	58,958	2.33%	76,233	2.89%	12,017	3.06%
Obligations of states, municipalities, and political subdivisions	5,312	2.15%	30,202	2.37%	30,295	2.88%	30,755	2.89%
Residential mortgage-backed securities								
Agency	—	0.00%	2,305	1.68%	39,695	2.01%	287,145	2.33%
Non-agency	—	0.00%	—	0.00%	—	0.00%	119,661	3.03%
Commercial mortgage-backed securities								
Agency	—	0.00%	7,387	3.35%	3,051	2.08%	140,453	2.65%
Non-agency	—	0.00%	—	0.00%	—	0.00%	31,224	2.61%
Corporate securities	7,538	3.15%	9,373	3.31%	29,910	4.00%	—	0.00%
Other securities	—	0.00%	—	0.00%	—	0.00%	32,955	3.60%
Total	<u>\$ 59,697</u>	<u>2.49%</u>	<u>\$ 133,633</u>	<u>2.48%</u>	<u>\$ 179,184</u>	<u>2.87%</u>	<u>\$ 654,210</u>	<u>2.64%</u>

Maturity as of September 30, 2019								
	Due in One Year or Less		Due from One to Five Years		Due from Five to Ten Years		Due after Ten Years	
	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾
Held-to-maturity								
Obligations of states, municipalities, and political subdivisions	\$ —	0.00%	\$ 3,805	2.45%	\$ 612	2.75%	\$ —	0.00%
Total	<u>\$ —</u>	<u>0.00%</u>	<u>\$ 3,805</u>	<u>2.45%</u>	<u>\$ 612</u>	<u>2.75%</u>	<u>\$ —</u>	<u>0.00%</u>

(1) The weighted average yields are based on amortized cost.

Maturity as of December 31, 2018								
	Due in One Year or Less		Due from One to Five Years		Due from Five to Ten Years		Due after Ten Years	
	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾
Available-for-sale								
U.S. Treasury Notes	\$ 13,431	2.14%	\$ 39,344	2.30%	\$ —	0.00%	\$ —	0.00%
U.S. government agencies	47,773	2.05%	90,978	2.39%	43,701	2.91%	4,975	2.78%
Obligations of states, municipalities, and political subdivisions	5,925	2.09%	24,655	2.40%	17,344	2.58%	12,762	3.16%
Residential mortgage-backed securities								
Agency	—	0.00%	2,449	1.36%	34,565	1.94%	247,024	2.18%
Non-agency	—	0.00%	—	0.00%	—	0.00%	84,998	3.48%
Commercial mortgage-backed securities								
Agency	—	0.00%	7,320	3.35%	16,382	3.02%	69,841	2.41%
Non-agency	—	0.00%	—	0.00%	—	0.00%	31,458	2.61%
Corporate securities	3,701	3.56%	17,044	3.21%	13,971	4.22%	—	0.00%
Other securities	—	0.00%	—	0.00%	—	0.00%	4,613	3.23%
Total	<u>\$ 70,830</u>	<u>2.15%</u>	<u>\$ 181,790</u>	<u>2.47%</u>	<u>\$ 125,963</u>	<u>2.76%</u>	<u>\$ 455,671</u>	<u>2.53%</u>

	Maturity as of December 31, 2018							
	Due in One Year or Less		Due from One to Five Years		Due from Five to Ten Years		Due after Ten Years	
	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾	Amortized Cost	Weighted Average Yield ⁽¹⁾
Held-to-maturity								
Obligations of states, municipalities, and political subdivisions	\$ —	0.00%	\$ 5,966	2.34%	\$ 10,075	2.64%	\$ 7,794	2.79%
Residential mortgage-backed securities								
Agency	—	0.00%	—	0.00%	—	0.00%	40,082	2.29%
Non-agency	—	0.00%	—	0.00%	—	0.00%	35,349	3.35%
Total	<u>\$ —</u>	<u>0.00%</u>	<u>\$ 5,966</u>	<u>2.34%</u>	<u>\$ 10,075</u>	<u>2.64%</u>	<u>\$ 83,225</u>	<u>2.79%</u>

(1) The weighted average yields are based on amortized cost.

Total non-taxable securities classified as obligations of states, municipalities and political subdivisions were \$81.5 million at September 30, 2019, a decrease of \$24.5 million from December 31, 2018.

There were no holdings of securities of any one issuer, other than U.S. government-sponsored entities and agencies, with total outstanding balances greater than 10% of our stockholders' equity as of September 30, 2019 or December 31, 2018.

Restricted Stock

As a member of the Federal Home Loan Bank system, Byline Bank is required to maintain an investment in the capital stock of the FHLB. No market exists for this stock, and it has no quoted market value. The stock is redeemable at par by the FHLB and is, therefore, carried at cost. In addition, Byline Bank owns stock of Bankers' Bank that was acquired as part of the Ridgestone acquisition. The stock is redeemable at par and carried at cost. As of September 30, 2019 and December 31, 2018, we held \$24.3 million and \$19.2 million, respectively, in FHLB and Bankers' Bank stock. We evaluate impairment of our investment in FHLB and Bankers' Bank based on the ultimate recoverability of the par value rather than by recognizing temporary declines in value. We did not identify any indicators of impairment of FHLB and Bankers' Bank stock as of September 30, 2019 and December 31, 2018.

Loan and Lease Portfolio

Lending-related income is the most important component of our net interest income and is the main driver of the results of our operations. Total loans and leases at September 30, 2019 and December 31, 2018 were \$3.8 billion and \$3.5 billion, respectively, an increase of \$329.5 million, or 9.4%. Originated loans were \$2.8 billion at September 30, 2019, an increase of \$533.7 million or 23.8%, compared to \$2.2 billion at December 31, 2018. Acquired impaired loans and acquired non-impaired loans and leases were \$1.0 billion at September 30, 2019, a decrease of \$204.2 million or 16.2%, compared to \$1.3 billion at December 31, 2018. The growth in the originated loan and lease portfolio was primarily driven by increases in commercial and industrial loans and leases. The decrease in the acquired loan and lease portfolio was driven by renewals that are reflected within originated loans, payoffs, and maturities during the period, partially offset by loans acquired as a result of the Oak Park River Forest acquisition.

We strive to maintain a relatively diversified loan portfolio to help reduce the risk inherent in concentration in certain types of collateral. The following table shows our allocation of originated, acquired impaired and acquired non-impaired loans and leases as of the dates presented (dollars in thousands):

	September 30, 2019		December 31, 2018	
	Amount	% of Total	Amount	% of Total
Originated loans and leases				
Commercial real estate	\$ 772,559	20.2%	\$ 652,234	18.6%
Residential real estate	497,839	13.0%	466,309	13.3%
Construction, land development, and other land	236,780	6.2%	144,128	4.1%
Commercial and industrial	1,096,400	28.6%	803,508	22.9%
Installment and other	7,818	0.2%	11,718	0.3%
Leasing financing receivables	160,061	4.2%	159,901	4.6%
Total originated loans and leases	\$ 2,771,457	72.4%	\$ 2,237,798	63.8%
Acquired impaired loans				
Commercial real estate	\$ 142,435	3.7%	\$ 146,808	4.2%
Residential real estate	109,409	2.9%	113,934	3.3%
Construction, land development, and other land	4,562	0.1%	3,779	0.1%
Commercial and industrial	18,349	0.5%	12,617	0.4%
Installment and other	267	0.0%	404	0.0%
Total acquired impaired loans	\$ 275,022	7.2%	\$ 277,542	8.0%
Acquired non-impaired loans and leases				
Commercial real estate	\$ 391,294	10.2%	\$ 462,565	13.2%
Residential real estate	141,855	3.7%	124,659	3.6%
Construction, land development, and other land	39,657	1.0%	37,442	1.1%
Commercial and industrial	187,413	4.9%	328,672	9.4%
Installment and other	1,269	0.0%	1,596	0.0%
Leasing financing receivables	23,123	0.6%	31,352	0.9%
Total acquired non-impaired loans and leases	\$ 784,611	20.4%	\$ 986,286	28.2%
Total loans and leases	\$ 3,831,090	100.0%	\$ 3,501,626	100.0%
Allowance for loan and lease losses	(31,585)		(25,201)	
Total loans and leases, net of allowance for loan and lease losses	\$ 3,799,505		\$ 3,476,425	

Loans collateralized by real estate comprised 61.0% and 61.5% of the loan and lease portfolio at September 30, 2019 and December 31, 2018, respectively. Commercial real estate loans comprised the largest portion of the real estate loan portfolio as of September 30, 2019 and December 31, 2018 and totaled \$1.3 billion, or 55.9%, of real estate loans and 34.1% of the total loan and lease portfolio at September 30, 2019. At December 31, 2018, commercial real estate loans totaled \$1.3 billion and comprised 58.6% of real estate loans and 36.0% of the total loan and lease portfolio. Acquired impaired commercial real estate loans decreased from \$146.8 million as of December 31, 2018 to \$142.4 million as of September 30, 2019, or 3.0%. At September 30, 2019 and December 31, 2018, commercial real estate loans, including both owner-occupied and non-owner occupied, as a percentage of total capital were 319.7% and 331.2%, respectively. Non-owner occupied commercial real estate loans were \$480.4 million and \$502.1 million, or 80.8% and 95.0% of total capital, at September 30, 2019 and December 31, 2018, respectively.

Residential real estate loans totaled \$749.1 million at September 30, 2019 compared to \$704.9 million at December 31, 2018, an increase of \$44.2 million or 6.3%. The residential real estate loan portfolio comprised 32.1% and 32.8% of real estate loans as of September 30, 2019 and December 31, 2018, respectively, and 19.6% and 20.1% of total loans and leases at September 30, 2019 and December 31, 2018, respectively. Acquired impaired residential real estate loans decreased from \$113.9 million at December 31, 2018 to \$109.4 million at September 30, 2019, or 4.0%.

Construction, land development and other land loans totaled \$281.0 million at September 30, 2019 compared to \$185.3 million at December 31, 2018, an increase of \$95.7 million or 51.6%, primarily due to organic growth and the acquisition. The construction, land development and other land loan portfolio comprised 12.0% and 8.6% of real estate loans at September 30, 2019 and December 31, 2018, respectively, and 7.3% and 5.3% of the total loan and lease portfolio at September 30, 2019 and December 31, 2018, respectively.

Commercial and industrial loans totaled \$1.3 billion and \$1.1 billion at September 30, 2019 and December 31, 2018, respectively, an increase of \$157.4 million or 13.7%, primarily due to organic growth and the acquisition. The commercial and industrial loan portfolio comprised 34.0% and 32.7% of the total loan and lease portfolio at September 30, 2019 and December 31, 2018, respectively.

Lease financing receivables comprised 4.8% and 5.5% of the loan and lease portfolio at September 30, 2019 and December 31, 2018, respectively. Total lease financing receivables were \$183.2 million and \$191.3 million at September 30, 2019 and December 31, 2018, respectively, a decrease of \$8.1 million, or 4.2%, primarily due to payoffs or pay downs during the period.

Loan and Lease Portfolio Maturities and Interest Rate Sensitivity

The following table shows our loan and lease portfolio by scheduled maturity at September 30, 2019 (dollars in thousands):

	Due in One Year or Less		Due after One Year Through Five Years		Due after Five Years		
	Fixed Rate	Floating Rate	Fixed Rate	Floating Rate	Fixed Rate	Floating Rate	Total
Originated loans and leases							
Commercial real estate	\$ 60,224	\$ 50,888	\$ 266,534	\$ 142,495	\$ 63,720	\$ 188,698	\$ 772,559
Residential real estate	15,075	33,007	92,733	75,124	217,675	64,225	497,839
Construction, land development, and other land	1,452	57,571	32,129	134,569	405	10,654	236,780
Commercial and industrial	16,261	309,206	102,269	303,285	104,372	261,007	1,096,400
Installment and other	544	5,448	1,354	71	401	—	7,818
Leasing financing receivables	5,777	—	144,382	—	9,902	—	160,061
Total originated loans and leases	\$ 99,333	\$ 456,120	\$ 639,401	\$ 655,544	\$ 396,475	\$ 524,584	\$ 2,771,457
Acquired impaired loans							
Commercial real estate	\$ 37,776	\$ 164	\$ 84,169	\$ 7,835	\$ 7,570	\$ 4,921	\$ 142,435
Residential real estate	33,481	1,546	46,861	3,942	18,646	4,933	109,409
Construction, land development, and other land	2,865	859	838	—	—	—	4,562
Commercial and industrial	2,387	7,699	5,500	120	1,633	1,010	18,349
Installment and other	1	—	71	—	195	—	267
Total acquired impaired loans	\$ 76,510	\$ 10,268	\$ 137,439	\$ 11,897	\$ 28,044	\$ 10,864	\$ 275,022
Acquired non-impaired loans and leases							
Commercial real estate	\$ 55,844	\$ 7,521	\$ 188,359	\$ 24,526	\$ 21,095	\$ 93,949	\$ 391,294
Residential real estate	10,153	11,272	48,348	53,237	3,620	15,225	141,855
Construction, land development, and other land	209	11,806	3,236	17,852	6,554	—	39,657
Commercial and industrial	15,132	17,269	61,482	38,685	11,068	43,777	187,413
Installment and other	212	4	952	101	—	—	1,269
Leasing financing receivables	1,933	—	19,982	—	1,208	—	23,123
Total acquired non-impaired loans and leases	\$ 83,483	\$ 47,872	\$ 322,359	\$ 134,401	\$ 43,545	\$ 152,951	\$ 784,611
Total loans and leases	\$ 259,326	\$ 514,260	\$ 1,099,199	\$ 801,842	\$ 468,064	\$ 688,399	\$ 3,831,090

At September 30, 2019, 47.7% of the loan and lease portfolio bears interest at fixed rates and 52.3% at floating rates. The expected life of our loan portfolio will differ from contractual maturities because borrowers may have the right to curtail or prepay their loans with or without penalties. Because a portion of the portfolio is accounted for under ASC 310-30, the carrying value is significantly affected by estimates and it is impracticable to allocate scheduled payments for those loans based on those estimates. Consequently, the tables presented include information limited to contractual maturities of the underlying loans.

Allowance for Loan and Lease Losses

The ALLL is determined by us on a quarterly basis, although we are engaged in monitoring the appropriate level of the allowance on a more frequent basis. The ALLL reflects management's estimate of probable incurred credit losses inherent in the loan and lease portfolios. The computation includes elements of judgement and high levels of subjectivity.

Factors considered by us include, but are not limited to, actual loss experience, peer loss experience, changes in size and risk profile of the portfolio, identification of individual problem loan and lease situations which may affect a borrower's ability to repay, and evaluation of the prevailing economic conditions. Changes in conditions may necessitate revision of the estimate in future periods.

We assess the ALLL based on three categories: (i) originated loans and leases, (ii) acquired non-impaired loans and leases, and (iii) acquired impaired loans with further credit deterioration after the acquisitions or our recapitalization.

Total ALLL was \$31.6 million at September 30, 2019 compared to \$25.2 million at December 31, 2018, an increase of \$6.4 million, or 25.3%. The increase was primarily due to increases in the general reserve driven by newly originated loans and leases and renewals of acquired non-impaired loans that are also reflected within originated loans and leases, and specific impairments in the unguaranteed portion of the U.S. government guaranteed portfolio as well as a commercial loan relationship.

Total ALLL to total loans and leases held for investment, net before ALLL, was 0.82% and 0.72% of total loans and leases at September 30, 2019 and December 31, 2018, respectively. The increase was primarily driven by an increase in the general reserve resulting from originated loan and lease growth and an increase in specific impairments in the unguaranteed portion of the U.S. government guaranteed portfolio. We valued significant amounts of acquired loans at fair value at acquisition date as a result of our recapitalization, the Ridgestone acquisition, the First Evanston acquisition, and the Oak Park River Forest acquisition. As a result of marking these acquired loans to fair value, management believes that this reduces the need to reserve for these loans for a period after acquisition, in accordance with applicable accounting guidance. Acquisition accounting adjustments remaining on loans from our recapitalization, the Ridgestone acquisition, the First Evanston acquisition, and the Oak Park River Forest acquisition totaled \$31.1 million and \$34.0 million at September 30, 2019 and December 31, 2018, respectively.

The following table presents an analysis of the allowance of the loan and lease losses for the periods presented (dollars in thousands):

	Commercial Real Estate	Residential Real Estate	Construction, Land Development, and Other Land	Commercial and Industrial	Installment and Other	Lease Financing Receivables	Total
Balance at June 30, 2019	\$ 8,934	\$ 2,171	\$ 691	\$ 17,126	\$ 67	\$ 2,143	\$ 31,132
Provision (release) for acquired impaired loans	9	10	(1)	(83)	—	—	(65)
(Release) for acquired non-impaired loans and leases	(71)	(1)	(1)	(277)	(1)	(54)	(405)
Provision (release) for originated loans	1,137	65	127	4,558	(11)	525	6,401
Total provision (release)	\$ 1,075	\$ 74	\$ 125	\$ 4,198	\$ (12)	\$ 471	\$ 5,931
Charge-offs for acquired impaired loans	(368)	—	—	(240)	—	—	(608)
Charge-offs for acquired non-impaired loans and leases	(4)	—	—	—	—	—	(4)
Charge-offs for originated loans and leases	(1,087)	—	—	(3,321)	(1)	(665)	(5,074)
Total charge-offs	\$ (1,459)	\$ —	\$ —	\$ (3,561)	\$ (1)	\$ (665)	\$ (5,686)
Recoveries for acquired impaired loans	—	—	—	—	—	—	—
Recoveries for acquired non-impaired loans and leases	—	—	—	—	—	22	22
Recoveries for originated loans and leases	3	6	—	20	1	156	186
Total recoveries	\$ 3	\$ 6	\$ —	\$ 20	\$ 1	\$ 178	\$ 208
Less: Net charge-offs (recoveries)	1,456	(6)	—	3,541	—	487	5,478
Acquired impaired loans	1,367	600	14	819	2	—	2,802
Acquired non-impaired loans and leases	2,166	15	21	2,791	—	268	5,261
Originated loans and leases	5,020	1,636	781	14,173	53	1,859	23,522
Balance at September 30, 2019	\$ 8,553	\$ 2,251	\$ 816	\$ 17,783	\$ 55	\$ 2,127	\$ 31,585
Ending ALLL balance							
Acquired impaired loans	\$ 1,367	\$ 600	\$ 14	\$ 819	\$ 2	\$ —	\$ 2,802
Acquired non-impaired loans and leases and originated loans individually evaluated for impairment	2,728	39	—	6,795	—	—	9,562
Acquired non-impaired loans and leases and originated loans and leases collectively evaluated for impairment	4,458	1,612	802	10,169	53	2,127	19,221
Balance at September 30, 2019	\$ 8,553	\$ 2,251	\$ 816	\$ 17,783	\$ 55	\$ 2,127	\$ 31,585
Loans and leases ending balance							
Acquired impaired loans	\$ 142,435	\$ 109,409	\$ 4,562	\$ 18,349	\$ 267	\$ —	\$ 275,022
Acquired non-impaired loans and leases and originated loans individually evaluated for impairment	24,071	2,374	—	26,731	—	—	53,176
Acquired non-impaired loans and leases and originated loans and leases collectively evaluated for impairment	1,139,782	637,320	276,437	1,257,082	9,087	183,184	3,502,892
Total loans and leases at September 30, 2019, gross	\$ 1,306,288	\$ 749,103	\$ 280,999	\$ 1,302,162	\$ 9,354	\$ 183,184	\$ 3,831,090
Ratio of net charge-offs (recoveries) to average loans and leases outstanding during the period (annualized)							
Acquired impaired loans	0.04%	0.00%	0.00%	0.03%	0.00%	0.00%	0.06%
Acquired non-impaired loans and leases	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Originated loans and leases	0.11%	0.00%	0.00%	0.35%	0.00%	0.05%	0.51%
Loans and leases ending balance as a percentage of total loans and leases, gross							
Acquired impaired loans	3.72%	2.86%	0.12%	0.48%	0.01%	0.00%	7.18%
Acquired non-impaired loans and leases and originated loans individually evaluated for impairment	0.63%	0.06%	0.00%	0.70%	0.00%	0.00%	1.39%
Acquired non-impaired loans and leases and originated loans and leases collectively evaluated for impairment	29.75%	16.64%	7.22%	32.81%	0.24%	4.78%	91.43%

	Commercial Real Estate	Residential Real Estate	Construction, Land Development, and Other Land	Commercial and Industrial	Installment and Other	Lease Financing Receivables	Total
Balance at December 31, 2018	\$ 7,540	\$ 1,751	\$ 466	\$ 12,932	\$ 49	\$ 2,463	\$ 25,201
Provision (release) for acquired impaired loans	203	(37)	14	599	—	—	779
Provision (release) for acquired non-impaired loans and leases	1,478	(96)	4	856	—	(278)	1,964
Provision for originated loans	2,531	363	332	9,095	10	1,247	13,578
Total provision	\$ 4,212	\$ 230	\$ 350	\$ 10,550	\$ 10	\$ 969	\$ 16,321
Charge-offs for acquired impaired loans	(478)	—	—	(907)	—	—	(1,385)
Charge-offs for acquired non-impaired loans and leases	(1,755)	—	—	(1,379)	—	—	(3,134)
Charge-offs for originated loans and leases	(1,395)	(9)	—	(3,454)	(5)	(1,932)	(6,795)
Total charge-offs	\$ (3,628)	\$ (9)	\$ —	\$ (5,740)	\$ (5)	\$ (1,932)	\$ (11,314)
Recoveries for acquired impaired loans	398	270	—	4	—	—	672
Recoveries for acquired non-impaired loans and leases	28	2	—	19	—	142	191
Recoveries for originated loans and leases	3	7	—	18	1	485	514
Total recoveries	\$ 429	\$ 279	\$ —	\$ 41	\$ 1	\$ 627	\$ 1,377
Less: Net charge-offs (recoveries)	3,199	(270)	—	5,699	4	1,305	9,937
Acquired impaired loans	1,367	600	14	819	2	—	2,802
Acquired non-impaired loans and leases	2,166	15	21	2,791	0	268	5,261
Originated loans and leases	5,020	1,636	781	14,173	53	1,859	23,522
Balance at September 30, 2019	\$ 8,553	\$ 2,251	\$ 816	\$ 17,783	\$ 55	\$ 2,127	\$ 31,585
Ending ALLL balance							
Acquired impaired loans	\$ 1,367	\$ 600	\$ 14	\$ 819	\$ 2	\$ —	\$ 2,802
Acquired non-impaired loans and leases and originated loans individually evaluated for impairment	2,728	39	—	6,795	—	—	9,562
Acquired non-impaired loans and leases and originated loans and leases collectively evaluated for impairment	4,458	1,612	802	10,169	53	2,127	19,221
Balance at September 30, 2019	\$ 8,553	\$ 2,251	\$ 816	\$ 17,783	\$ 55	\$ 2,127	\$ 31,585
Loans and leases ending balance							
Acquired impaired loans	\$ 142,435	\$ 109,409	\$ 4,562	\$ 18,349	\$ 267	\$ —	\$ 275,022
Acquired non-impaired loans and leases and originated loans individually evaluated for impairment	24,071	2,374	—	26,731	—	—	53,176
Acquired non-impaired loans and leases and originated loans and leases collectively evaluated for impairment	1,139,782	637,320	276,437	1,257,082	9,087	183,184	3,502,892
Total loans and leases at September 30, 2019, gross	\$ 1,306,288	\$ 749,103	\$ 280,999	\$ 1,302,162	\$ 9,354	\$ 183,184	\$ 3,831,090
Ratio of net charge-offs (recoveries) to average loans and leases outstanding during the period (annualized)							
Acquired impaired loans	0.00%	(0.0)%	0.00%	0.03%	0.00%	0.00%	0.03%
Acquired non-impaired loans and leases	0.06%	0.00%	0.00%	0.05%	0.00%	(0.0)%	0.11%
Originated loans and leases	0.05%	0.00%	0.00%	0.13%	0.00%	0.05%	0.23%
Loans and leases ending balance as a percentage of total loans and leases, gross							
Acquired impaired loans	3.72%	2.86%	0.12%	0.48%	0.01%	0.00%	7.18%
Acquired non-impaired loans and leases and originated loans individually evaluated for impairment	0.63%	0.06%	0.00%	0.70%	0.00%	0.00%	1.39%
Acquired non-impaired loans and leases and originated loans and leases collectively evaluated for impairment	29.75%	16.64%	7.22%	32.81%	0.24%	4.78%	91.43%

	Commercial Real Estate	Residential Real Estate	Construction, Land Development, and Other Land	Commercial and Industrial	Installment and Other	Lease Financing Receivables	Total
Balance at June 30, 2018	\$ 6,453	\$ 1,648	\$ 332	\$ 8,369	\$ 30	\$ 2,855	\$ 19,687
Provision (release) for acquired impaired loans	223	107	(22)	13	—	—	321
Provision (release) for acquired non-impaired loans and leases	1,049	(93)	(1)	1,453	4	(11)	2,401
Provision for originated loans	433	15	81	2,113	8	470	3,120
Total provision	\$ 1,705	\$ 29	\$ 58	\$ 3,579	\$ 12	\$ 459	\$ 5,842
Charge-offs for acquired impaired loans	(10)	—	—	(67)	—	—	(77)
Charge-offs for acquired non-impaired loans and leases	(615)	—	—	(790)	(4)	(13)	(1,422)
Charge-offs for originated loans and leases	(111)	—	—	(1)	—	(810)	(922)
Total charge-offs	\$ (736)	\$ —	\$ —	\$ (858)	\$ (4)	\$ (823)	\$ (2,421)
Recoveries for acquired impaired loans	—	—	—	—	—	—	—
Recoveries for acquired non-impaired loans and leases	—	—	—	75	—	32	107
Recoveries for originated loans and leases	—	—	—	—	—	209	209
Total recoveries	\$ —	\$ —	\$ —	\$ 75	\$ —	\$ 241	\$ 316
Less: Net charge-offs	736	0	—	783	4	582	2,105
Acquired impaired loans	1,715	457	—	820	3	—	2,995
Acquired non-impaired loans and leases	2,858	81	2	2,451	—	480	5,872
Originated loans and leases	2,849	1,139	388	7,894	35	2,252	14,557
Balance at September 30, 2018	\$ 7,422	\$ 1,677	\$ 390	\$ 11,165	\$ 38	\$ 2,732	\$ 23,424
Ending ALLL balance							
Acquired impaired loans	\$ 1,715	\$ 457	\$ —	\$ 820	\$ 3	\$ —	\$ 2,995
Acquired non-impaired loans and leases and originated loans individually evaluated for impairment	2,294	70	—	4,044	14	—	6,422
Acquired non-impaired loans and leases and originated loans and leases collectively evaluated for impairment	3,413	1,150	390	6,301	21	2,732	14,007
Balance at September 30, 2018	\$ 7,422	\$ 1,677	\$ 390	\$ 11,165	\$ 38	\$ 2,732	\$ 23,424
Loans and leases ending balance							
Acquired impaired loans	\$ 154,108	\$ 120,963	\$ 4,203	\$ 14,436	\$ 458	\$ —	\$ 294,168
Acquired non-impaired loans and leases and originated loans individually evaluated for impairment	13,612	1,941	—	19,962	14	—	35,529
Acquired non-impaired loans and leases and originated loans and leases collectively evaluated for impairment	1,104,484	582,292	177,502	1,061,048	11,722	189,057	3,126,105
Total loans and leases at September 30, 2018, gross	\$ 1,272,204	\$ 705,196	\$ 181,705	\$ 1,095,446	\$ 12,194	\$ 189,057	\$ 3,455,802
Ratio of net charge-offs to average loans and leases outstanding during the period (annualized)							
Acquired impaired loans	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.01%
Acquired non-impaired loans and leases	0.07%	0.00%	0.00%	0.08%	0.00%	0.00%	0.15%
Originated loans and leases	0.01%	0.00%	0.00%	0.00%	0.00%	0.07%	0.08%
Loans and leases ending balance as a percentage of total loans and leases, gross							
Acquired impaired loans	4.46%	3.50%	0.12%	0.42%	0.01%	0.00%	8.51%
Acquired non-impaired loans and leases and originated loans individually evaluated for impairment	0.39%	0.06%	0.00%	0.58%	0.00%	0.00%	1.03%
Acquired non-impaired loans and leases and originated loans and leases collectively evaluated for impairment	31.96%	16.85%	5.14%	30.70%	0.34%	5.47%	90.46%

	Commercial Real Estate	Residential Real Estate	Construction, Land Development, and Other Land	Commercial and Industrial	Installment and Other	Lease Financing Receivables	Total
Balance at December 31, 2017	\$ 4,794	\$ 1,638	\$ 222	\$ 7,418	\$ 41	\$ 2,593	\$ 16,706
Provision (release) for acquired impaired loans	191	24	341	(329)	19	—	246
Provision for acquired non-impaired loans and leases	2,208	(110)	—	3,156	2	(78)	5,178
Provision for originated loans	1,576	125	245	6,132	12	1,399	9,489
Total provision	\$ 3,975	\$ 39	\$ 586	\$ 8,959	\$ 33	\$ 1,321	\$ 14,913
Charge-offs for acquired impaired loans	(404)	—	(418)	(269)	(34)	—	(1,125)
Charge-offs for acquired non-impaired loans and leases	(693)	—	—	(2,775)	(2)	(151)	(3,621)
Charge-offs for originated loans and leases	(250)	—	—	(2,495)	—	(1,737)	(4,482)
Total charge-offs	\$ (1,347)	\$ —	\$ (418)	\$ (5,539)	\$ (36)	\$ (1,888)	\$ (9,228)
Recoveries for acquired impaired loans	—	—	—	—	—	—	—
Recoveries for acquired non-impaired loans and leases	—	—	—	81	—	193	274
Recoveries for originated loans and leases	—	—	—	246	—	513	759
Total recoveries	\$ —	\$ —	\$ —	\$ 327	\$ —	\$ 706	\$ 1,033
Less: Net charge-offs	1,347	—	418	5,212	36	1,182	8,195
Acquired impaired loans	1,715	457	—	820	3	—	2,995
Acquired non-impaired loans and leases	2,858	81	2	2,451	—	480	5,872
Originated loans and leases	2,849	1,139	388	7,894	35	2,252	14,557
Balance at September 30, 2018	\$ 7,422	\$ 1,677	\$ 390	\$ 11,165	\$ 38	\$ 2,732	\$ 23,424
Ending ALLL balance							
Acquired impaired loans	\$ 1,715	\$ 457	\$ —	\$ 820	\$ 3	\$ —	\$ 2,995
Acquired non-impaired loans and leases and originated loans individually evaluated for impairment	2,294	70	—	4,044	14	—	6,422
Acquired non-impaired loans and leases and originated loans and leases collectively evaluated for impairment	3,413	1,150	390	6,301	21	2,732	14,007
Balance at September 30, 2018	\$ 7,422	\$ 1,677	\$ 390	\$ 11,165	\$ 38	\$ 2,732	\$ 23,424
Loans and leases ending balance							
Acquired impaired loans	\$ 154,108	\$ 120,963	\$ 4,203	\$ 14,436	\$ 458	\$ —	\$ 294,168
Acquired non-impaired loans and leases and originated loans individually evaluated for impairment	13,612	1,941	—	19,962	14	—	35,529
Acquired non-impaired loans and leases and originated loans and leases collectively evaluated for impairment	1,104,484	582,292	177,502	1,061,048	11,722	189,057	3,126,105
Total loans and leases at September 30, 2018, gross	\$ 1,272,204	\$ 705,196	\$ 181,705	\$ 1,095,446	\$ 12,194	\$ 189,057	\$ 3,455,802
Ratio of net charge-offs to average loans and leases outstanding during the period (annualized)							
Acquired impaired loans	0.02%	0.00%	0.02%	0.01%	0.00%	0.00%	0.05%
Acquired non-impaired loans and leases	0.03%	0.00%	0.00%	0.13%	0.00%	0.00%	0.16%
Originated loans and leases	0.01%	0.00%	0.00%	0.11%	0.00%	0.06%	0.18%
Loans and leases ending balance as a percentage of total loans and leases, gross							
Acquired impaired loans	4.46%	3.50%	0.12%	0.42%	0.01%	0.00%	8.51%
Acquired non-impaired loans and leases and originated loans individually evaluated for impairment	0.39%	0.06%	0.00%	0.58%	0.00%	0.00%	1.03%
Acquired non-impaired loans and leases and originated loans and leases collectively evaluated for impairment	31.96%	16.85%	5.14%	30.70%	0.34%	5.47%	90.46%

Non-Performing Assets

Non-performing loans and leases include loans and leases 90 days past due and still accruing, loans and leases accounted for on a non-accrual basis and accruing restructured loans. Non-performing assets consist of non-performing loans and leases plus other real estate owned. Non-performing assets at September 30, 2019 and December 31, 2018 totaled \$50.3 million and \$33.0 million, respectively, an increase of \$17.3 million, or 52.5%. The increase was primarily driven by downgrades in the U.S. government guaranteed loan portfolio and a commercial relationship. Non-performing assets consisted of \$6.2 million and \$4.6 million of U.S. government guaranteed balances at September 30, 2019 and December 31, 2018, respectively.

Total non-accrual loans and leases increased by \$13.7 million, or 53.0%, between December 31, 2018 and September 30, 2019 due to additional non-accrual loans primarily from the downgrades of U.S. government guaranteed loans and a commercial relationship. The U.S. government guaranteed portion of non-performing loans totaled \$4.2 million at September 30, 2019 and \$4.6 million at December 31, 2018.

Total accruing loans past due slightly decreased from \$24.5 million at December 31, 2018 to \$24.2 million at September 30, 2019. This represents a decrease \$261,000, or 1.1%, and can be attributed to decreases in residential real estate and installment and other loans, partially offset by increases in commercial and industrial loans, primarily in the 30-59 days past due category. See Note 6 of our Unaudited Interim Condensed Consolidated Financial Statements, included in this report, for further information.

Total OREO increased from \$5.3 million at December 31, 2018 to \$8.5 million at September 30, 2019. The \$3.2 million increase in OREO resulted primarily from net additions of \$2.2 million to OREO as a result of the Oak Park River Forest acquisition, and loan foreclosures and deeds in lieu of loan foreclosures totaling \$3.9 million, partially offset by dispositions of \$2.7 million, and valuation adjustments of \$189,000. The government guaranteed portion of OREO was \$2.0 million at September 30, 2019. There was no government guaranteed portion of OREO at December 31, 2018.

The following table sets forth the amounts of non-performing loans and leases, non-performing assets, and OREO at the dates indicated (dollars in thousands):

	September 30, 2019	December 31, 2018
Non-performing assets:		
Non-accrual loans and leases ⁽¹⁾⁽²⁾⁽³⁾	\$ 39,528	\$ 25,834
Past due loans and leases 90 days or more and still accruing interest	—	—
Accruing troubled debt restructured loans	2,204	1,813
Total non-performing loans and leases	41,732	27,647
Other real estate owned	8,531	5,314
Total non-performing assets	<u>\$ 50,263</u>	<u>\$ 32,961</u>
Total non-performing loans and leases as a percentage of total loans and leases	1.09%	0.79%
Total non-performing assets as a percentage of total assets	0.92%	0.67%
Allowance for loan and lease losses as a percentage of non-performing loans and leases	75.68%	91.15%
Non-performing assets guaranteed by U.S. government:		
Non-accrual loans guaranteed	\$ 4,167	\$ 4,245
Past due loans 90 days or more and still accruing interest guaranteed	—	—
Accruing troubled debt restructured loans guaranteed	—	381
Total non-performing loans guaranteed	4,167	4,626
Other real estate owned guaranteed	2,029	—
Total non-performing assets guaranteed	<u>\$ 6,196</u>	<u>\$ 4,626</u>
Total non-performing loans and leases not guaranteed as a percentage of total loans and leases	0.98%	0.66%
Total non-performing assets not guaranteed as a percentage of total assets	0.81%	0.57%

- (1) Includes \$9.2 million and \$7.3 million of non-accrual restructured loans at September 30, 2019 and December 31, 2018.
- (2) For the nine months ended September 30, 2019, \$1.9 million in interest income would have been recorded had non-accrual loans been current.
- (3) For the nine months ended September 30, 2019, \$391,000 in interest income would have been recorded had troubled debt restructurings included within non-accrual loans been current.

Acquired impaired loans (accounted for under ASC 310-30) that are delinquent and/or on non-accrual status continue to accrue income provided the respective pool in which those assets reside maintains a discount and recognizes accretion income. The aforementioned loans are characterized as performing loans based on contractual delinquency. If the pool no longer has a discount and accretion income can no longer be recognized, any loan within that pool on non-accrual status will be classified as non-accrual for presentation purposes.

Deposits

We gather deposits primarily through each of our 60 branch locations in the Chicago metropolitan area and one branch in Brookfield, Wisconsin. Through our branch network, online, mobile and direct banking channels, we offer a variety of deposit products including demand deposit accounts, interest-bearing products, savings accounts, and certificates of deposit. We offer competitive online, mobile and direct banking channels. Small businesses are a significant source of low cost deposits as they value convenience, flexibility and access to local decision makers that are responsive to their needs. Deposits assumed from the Oak Park River Forest and First Evanston acquisitions were recorded at fair value using the acquisition method of accounting in accordance with ASC Topic 805.

Total deposits at September 30, 2019 were \$4.1 billion, representing an increase of \$330.4 million, or 8.8%, compared to \$3.7 billion at December 31, 2018. Non-interest-bearing deposits were \$1.2 billion, or 29.9% of total deposits, at September 30, 2019, an increase of \$28.6 million, or 2.4%, compared to \$1.2 billion at December 31, 2018, or 31.8% of total deposits. Core deposits were 81.1% and 81.7% of total deposits at September 30, 2019 and December 31, 2018, respectively.

The following table shows the average balance amounts and the average contractual rates paid on our deposits for the periods indicated (dollars in thousands):

	For the Three Months Ended September 30, 2019		For the Three Months Ended September 30, 2018	
	Average Balance	Average Rate	Average Balance	Average Rate
Non-interest-bearing demand deposits	\$ 1,223,556	0.00%	\$ 1,175,523	0.00%
Interest checking	358,185	0.58%	316,394	0.48%
Money market accounts	735,724	1.03%	618,213	0.77%
Savings	475,417	0.10%	479,837	0.12%
Time deposits (below \$100,000)	494,933	2.00%	447,125	1.28%
Time deposits (\$100,000 and above)	775,117	2.34%	637,425	1.74%
Total	\$ 4,062,932	0.94%	\$ 3,674,517	0.64%

	For the Nine Months Ended September 30, 2019		For the Nine Months Ended September 30, 2018	
	Average Balance	Average Rate	Average Balance	Average Rate
Non-interest-bearing demand deposits	\$ 1,221,375	0.00%	\$ 938,423	0.00%
Interest checking	328,558	0.57%	244,088	0.30%
Money market accounts	682,020	1.01%	478,607	0.66%
Savings	474,815	0.10%	457,179	0.09%
Time deposits (below \$100,000)	487,116	1.87%	407,957	1.15%
Time deposits (\$100,000 and above)	761,142	2.33%	487,545	1.51%
Total	\$ 3,955,026	0.91%	\$ 3,013,799	0.54%

The increase in time deposits was driven by promotional campaigns during the first and second quarters of 2019. Our average cost of deposits was 94 basis points during the third quarter of 2019 compared to 64 basis points during the third quarter of 2018. This increase was primarily attributed to higher rates on interest-bearing deposits as a result of local competition and the interest rate environment. We had \$81.0 million and \$50.0 million of brokered time deposits at September 30, 2019 and December 31, 2018, respectively.

The following table shows time deposits and other time deposits of \$100,000 or more by time remaining until maturity (dollars in thousands):

	At September 30, 2019
	Time Deposits
Three months or less	\$ 194,940
Over three months through six months	329,572
Over six months through 12 months	201,648
Over 12 months	46,605
Total	\$ 772,765

Borrowed Funds

In addition to deposits, we also utilize FHLB advances as a supplementary funding source to finance our operations. The bank's advances from the FHLB are collateralized by residential and multi-family real estate loans and securities. At September 30, 2019 and December 31, 2018, we had maximum borrowing capacity from the FHLB of \$1.9 billion and \$1.7 billion, respectively, subject to the availability of collateral. During the nine months ended September 30, 2019, outstanding FHLB advances increased to \$506.0 million, from \$425.0 million at December 31, 2018, resulting from asset growth.

The following table sets forth certain information regarding our short-term borrowings at the dates and for the periods indicated (dollars in thousands):

	Nine Months Ended September 30,	
	2019	2018
Federal Home Loan Bank advances:		
Average balance outstanding	\$ 463,645	\$ 367,098
Maximum outstanding at any month-end period during the year	550,000	460,000
Balance outstanding at end of period	506,000	425,000
Weighted average interest rate during period	2.03%	1.62%
Weighted average interest rate at end of period	2.05%	2.30%
Line of credit:		
Average balance outstanding	\$ 645	\$ —
Maximum outstanding at any month-end period during the year	5,680	—
Balance outstanding at end of period	—	—
Weighted average interest rate during period	5.64%	N/A
Weighted average interest rate at end of period ⁽¹⁾	N/A	N/A

- (1) We amended the credit agreement, which extended the maturity date to October, 2020. The amended revolving line of credit bears interest at either the LIBOR Rate plus 195 basis points or the Prime Rate minus 75 basis points, based on our election, which is required to be communicated to the lender at least three business days prior to the commencement of an interest period. If we fail to provide timely notification, the interest rate will be Prime Rate minus 75 basis points.

At September 30, 2019, FHLB advances have maturities ranging from October 2019 to December 2019.

Customer Repurchase Agreements (Sweeps)

Securities sold under agreements to repurchase represent a demand deposit product offered to customers that sweep balances in excess of the FDIC insurance limit into overnight repurchase agreements. We pledge securities as collateral for the repurchase agreements. Securities sold under agreements to repurchase decreased by \$1.9 million, from \$34.2 million at December 31, 2018 to \$32.3 million at September 30, 2019.

Liquidity

We manage liquidity based upon factors that include the amount of core deposits as a percentage of total deposits, the level of diversification of our funding sources, the amount of non-deposit funding used to fund assets, the availability of unused funding sources, off-balance sheet obligations, the availability of assets to be readily converted into cash without undue loss, the amount of cash and liquid securities we hold and the re-pricing characteristics and maturities of our assets when compared to the re-pricing characteristics of our liabilities, the ability to securitize and sell certain pools of assets and other factors.

Our liquidity needs are primarily met by cash and investment securities positions, growth in deposits, cash flow from amortizing loan portfolios, and borrowings from the FHLB. For additional information regarding our operating, investing, and financing cash flows, see Consolidated Statements of Cash Flows in our Unaudited Interim Condensed Consolidated Financial Statements included elsewhere in this report.

As of September 30, 2019, Byline Bank had maximum borrowing capacity from the FHLB of \$1.9 billion and \$419.1 million from the Federal Reserve Bank (“FRB”). As of September 30, 2019, Byline Bank had open advances of \$506.0 million and open letters of credit of \$20.8 million, leaving us with available aggregate borrowing capacity of \$1.4 billion. In addition, Byline Bank had uncommitted federal funds lines available of \$105.0 million.

As of December 31, 2018, Byline Bank had maximum borrowing capacity from the FHLB of \$1.7 billion and \$293.6 million from the FRB. As of December 31, 2018, Byline Bank had open advances of \$425.0 million and open letters of credit of \$32.6 million, leaving us with available aggregate borrowing capacity of \$1.3 billion. In addition, Byline Bank had an uncommitted federal funds line available of \$55.0 million.

On October 13, 2016, we entered into a \$30.0 million revolving credit agreement with a correspondent bank. In April 2017, the revolving line of credit was amended to a non-revolving line of credit as long as the outstanding balance exceeds \$5.0 million. When the outstanding balance was reduced to \$5.0 million, the line of credit was converted to a revolving line of credit with credit availability up to \$5.0 million until maturity. In July 2017, we repaid the outstanding balance, in full, under this line of credit of \$16.2 million with proceeds from our initial public offering. On October 10, 2019, the Company entered into a fourth amendment to the revolving credit agreement, which increased the revolving loan commitment to \$15.0 million and extended the maturity of the credit facility to October 9, 2020. As of September 30, 2019, no balance was outstanding on the line of credit.

On April 30, 2019, we drew on the line of credit for \$5.7 million and selected the LIBOR plus 225 basis points interest rate option, which was the interest rate option at the time of the draw. The funds were utilized to repay a line of credit assumed as a result of the Oak Park River Forest acquisition. We repaid the \$5.7 million outstanding balance of the line of credit in full on May 31, 2019.

There are regulatory limitations that affect the ability of Byline Bank to pay dividends to the Company. See Note 21 of our Consolidated Financial Statements, included in our Annual Report on Form 10-K for the year ended December 31, 2018 for additional information. Management believes that such limitations will not impact our ability to meet our ongoing short-term cash obligations.

We expect that our cash and liquidity resources will be generated by the operations of Byline Bank, which we expect to be sufficient to satisfy our liquidity and capital requirements for at least the next twelve months.

Capital Resources

Stockholders’ equity at September 30, 2019 was \$735.9 million compared to \$650.7 million at December 31, 2018, an increase of \$85.2 million, or 13.1%. The increase was primarily driven by the acquisition of Oak Park River Forest, the issuance of common stock upon the exercise of stock options, retained earnings, and a decrease to other comprehensive loss.

The Company and Byline Bank are subject to various regulatory capital requirements administered by federal banking regulators. Failure to meet minimum capital requirements can initiate certain mandatory and possibly additional discretionary actions by federal banking regulators that, if undertaken, could have a direct material effect on our financial statements.

Under applicable bank regulatory capital requirements, each of the Company and Byline Bank must meet specific capital guidelines that involve quantitative measures of their assets, liabilities and certain off-balance sheet items as calculated under regulatory accounting practices. Byline Bank must also meet certain specific capital guidelines under the prompt corrective action framework. The capital amounts and classification are subject to qualitative judgments by the federal banking regulators about components, risk weightings and other factors. Quantitative measures established by regulation to ensure capital adequacy require the Company and Byline Bank to maintain minimum amounts and ratios of CET1 Capital, Tier 1 capital and total capital to risk-weighted assets and of Tier 1 capital to average consolidated assets, (referred to as the “leverage ratio”), as defined under these capital requirements.

As of September 30, 2019, Byline Bank exceeded all applicable regulatory capital requirements and was considered “well-capitalized.” There have been no conditions or events since September 30, 2019 that management believes have changed Byline Bank’s classifications.

The regulatory capital ratios for the Company and Byline Bank to meet the minimum capital adequacy standards and for Byline Bank to be considered well capitalized under the prompt corrective action framework and the Company's and Byline Bank's actual capital amounts and ratios are set forth in the following tables as of the periods indicated (dollars in thousands):

	Actual		Minimum Capital Required		Required to be Considered Well Capitalized	
	Amount	Ratio	Amount	Ratio	Amount	Ratio
September 30, 2019						
Total capital to risk weighted assets:						
Company	\$ 615,656	14.19%	\$ 347,079	8.00%	N/A	N/A
Bank	594,885	13.72%	346,762	8.00%	\$ 433,453	10.00%
Tier 1 capital to risk weighted assets:						
Company	\$ 582,754	13.43%	\$ 260,309	6.00%	N/A	N/A
Bank	561,953	12.96%	260,072	6.00%	\$ 346,762	8.00%
Common Equity Tier 1 (CET1) to risk weighted assets:						
Company	\$ 525,816	12.12%	\$ 195,232	4.50%	N/A	N/A
Bank	561,953	12.96%	195,054	4.50%	\$ 281,744	6.50%
Tier 1 capital to average assets:						
Company	\$ 582,754	11.14%	\$ 209,331	4.00%	N/A	N/A
Bank	561,953	10.74%	209,242	4.00%	\$ 261,552	5.00%

	Actual		Minimum Capital Required		Required to be Considered Well Capitalized	
	Amount	Ratio	Amount	Ratio	Amount	Ratio
December 31, 2018						
Total capital to risk weighted assets:						
Company	\$ 551,079	13.99%	\$ 315,093	8.00%	N/A	N/A
Bank	528,329	13.40%	315,455	8.00%	\$ 394,318	10.00%
Tier 1 capital to risk weighted assets:						
Company	\$ 523,808	13.30%	\$ 236,320	6.00%	N/A	N/A
Bank	501,058	12.71%	236,591	6.00%	\$ 315,455	8.00%
Common Equity Tier 1 (CET1) to risk weighted assets:						
Company	\$ 466,870	11.85%	\$ 177,240	4.50%	N/A	N/A
Bank	501,058	12.71%	177,443	4.50%	\$ 256,307	6.50%
Tier 1 capital to average assets:						
Company	\$ 523,808	11.05%	\$ 189,587	4.00%	N/A	N/A
Bank	501,058	10.56%	189,797	4.00%	\$ 237,246	5.00%

The Company and Byline Bank must maintain a capital conservation buffer consisting of CET1 capital greater than 2.5% of risk-weighted assets above the required minimum risk-based capital levels in order to avoid limitations on paying dividends, repurchasing shares, and paying discretionary bonuses. The conservation buffers for the Company and Byline Bank exceed the minimum capital requirement as of September 30, 2019.

Provisions of state and federal banking regulations may limit, by statute, the amount of dividends that may be paid to the Company by Byline Bank without prior approval of Byline Bank's regulatory agencies. The Company is economically dependent on the cash dividends received from Byline Bank. These dividends represent the primary cash flow from operating activities used to service obligations. For the nine months ended September 30, 2019 and year ended December 31, 2018, the Company received \$8.0 million and \$2.9 million, respectively, in cash dividends from Byline Bank in order to pay the required interest on its outstanding junior subordinated debentures in connection with its trust preferred securities interest, dividends on the Series B preferred stock outstanding, and to fund other Company-related activities.

On November 1, 2019, the Company announced that its Board of Directors approved a stock repurchase program authorizing the purchase of up to an aggregate of 1,250,000 shares of the Company's outstanding common stock. The shares may, at the discretion of management, be repurchased from time to time in open market purchases as market conditions warrant or in privately negotiated transactions, including pursuant to a Rule 10b5-1 plan, all as effected to the extent permitted by applicable law, including pursuant to the safe harbor provided under Rule 10b-18 of the Securities Exchange Act of 1934, as amended. The Company is not obligated to purchase any shares under the program, and the program may be discontinued at any time. The actual timing, number and share price of shares purchased under the repurchase program will be determined by the Company at its discretion and will depend on a number of factors, including the market price of the Company's stock, general market and economic conditions and applicable legal requirements. The shares authorized to be repurchased represent approximately 3.3% of the Company's currently outstanding common stock. Shares repurchased, if any, would be available for issuance under the Company's equity incentive plans and for other general corporate purposes.

Contractual Obligations

FHLB advances are fully described in Note 12 of our Unaudited Interim Condensed Consolidated Financial Statements, included elsewhere in this report. Operating lease obligations are in place for facilities and land on which banking facilities are located. See Note 15 of our Unaudited Interim Condensed Consolidated Financial Statements, included elsewhere in this report for additional information.

Off-Balance Sheet Items and Other Financing Arrangements

We are a party to financial instruments with off-balance sheet risk in the normal course of business to meet the financing needs of our customers. These financial instruments include commitments to extend credit, commercial letters of credit and standby letters of credit. Those instruments involve, to varying degrees, elements of credit and interest rate risk in excess of the amount recognized in the Consolidated Statements of Financial Condition. The contractual or notional amounts of those instruments reflect the extent of involvement we have in particular classes of financial instruments.

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. Commitments generally have fixed expiration dates or other termination clauses and may require payment of a fee. Since many of the commitments are expected to expire without being drawn upon, the total commitment amount does not necessarily represent future cash requirements. We evaluate each customer's creditworthiness on a case-by-case basis. The amount of collateral obtained, if deemed necessary by Byline Bank upon extension of credit, is based on management's credit evaluation of the counterparty. Collateral is primarily obtained in the form of commercial and residential real estate (including income producing commercial properties).

Letters of credit are conditional commitments issued by Byline Bank to guarantee the performance of a customer to a third-party. Those guarantees are primarily issued to support public and private borrowing arrangements, bond financing and similar transactions. The credit risk involved in issuing letters of credit is essentially the same as that involved in extending loan facilities to customers.

Commitments to make loans are generally made for periods of 90 days or less. The fixed rate loan commitments have interest rates ranging from 2.50% to 19.50% and maturities up to 2042. Variable rate loan commitments have interest rates ranging from 2.02% to 10.25% and maturities up to 2048.

Our exposure to credit loss in the event of non-performance by the other party to the financial instrument for commitments to extend credit and standby letters of credit is represented by the contractual or notional amount of those instruments. We use the same credit policies in making commitments and conditional obligations as for funded instruments. We do not anticipate any material losses as a result of the commitments and standby letters of credit.

We enter into interest rate swaps that are used to manage differences in the amount, timing, and duration of our known or expected cash receipts and its known or expected cash payments principally related to certain variable rate borrowings. We also enter into interest rate swaps with certain qualified borrowers to facilitate the borrowers' risk management strategies and concurrently entered into mirror-image derivatives with a third party counterparty.

We recognize derivative financial instruments at fair value regardless of the purpose or intent for holding the instrument. We record derivative assets and derivative liabilities on the Consolidated Statements of Financial Condition within other assets and other liabilities, respectively. Because the derivative assets and liabilities recorded on the balance sheet at September 30, 2019 do not represent the amounts that may ultimately be paid under these contracts, these assets and liabilities are listed in the table below (dollars in thousands):

	September 30, 2019		
	Notional	Fair Value	
		Asset	Liability
Interest rate contracts—pay fixed, receive floating	\$ —	\$ —	\$ —
Other interest rate swaps—pay fixed, receive floating	296,656	10,288	11,076
Other credit derivatives	9,519	—	17

GAAP Reconciliation and Management Explanation of Non-GAAP Financial Measures

Some of the financial measures included in our “Selected Financial Data” are not measures of financial performance in accordance with GAAP. Our management uses the non-GAAP financial measures set forth below in its analysis of our performance:

- “Adjusted net income” and “adjusted diluted earnings per share” exclude certain significant items, which include incremental income tax benefit related to the reversal of the valuation allowance on our net deferred tax assets, incremental income tax benefit related to Illinois corporate income tax rate increases, incremental income tax expense or benefit related to federal corporate income tax reductions, impairment charges on assets held for sale, merger-related expenses, and core system conversion expenses adjusted for applicable income tax. Management believes the significant items are not indicative of or useful to measure the Company’s operating performance on an ongoing basis.
- “Adjusted non-interest expense” is non-interest expense excluding certain significant items, which include impairment charges on assets held for sale, merger-related expenses, and core system conversion expenses.
- “Adjusted efficiency ratio” is adjusted non-interest expense less amortization of intangible assets divided by net interest income and non-interest income. Management believes the metric is an important measure of the Company’s operating performance on an ongoing basis.
- “Adjusted non-interest expense to average assets” is adjusted non-interest expense divided by average assets. Management believes the metric is an important measure of the Company’s operating performance on an ongoing basis.
- “Adjusted return on average stockholders’ equity” is adjusted net income divided by average stockholders’ equity. Management believes the metric is an important measure of the Company’s operating performance on an ongoing basis.
- “Adjusted return on average assets” is adjusted net income divided by average assets. Management believes the metric is an important measure of the Company’s operating performance on an ongoing basis.
- “Non-interest income to total revenues” is non-interest income divided by net interest income plus non-interest income. Management believes that it is standard practice in the industry to present non-interest income as a percentage of total revenue. Accordingly, management believes providing these measures may be useful for peer comparison.
- “Pre-tax pre-provision net income” is pre-tax income plus the provision for loan and lease losses. Management believes this metric is important due to the tax benefit resulting from the reversal of the net deferred tax asset valuation allowance, the decrease in the federal corporate income tax rate, and the increase in the Illinois state corporate income tax rate. The metric demonstrates income excluding the tax provision or benefit and the provision for loan and lease losses, and enables investors and others to assess the Company’s ability to generate capital to cover credit losses through a credit cycle.
- “Adjusted pre-tax pre-provision net income” is pre-tax pre-provision net income excluding certain significant items, which include impairment charges on assets held for sale, merger-related expenses, and core system conversion expenses. Management believes the metric is an important measure of the Company’s operating performance on an ongoing basis.

- “Pre-tax pre-provision return on average assets” is pre-tax income plus the provision for loan and lease losses, divided by average assets. Management believes this metric is important due to the change in tax expense or benefit resulting from the recent decrease in the federal corporate income tax rate and the recent increase in the Illinois state income tax rate. The ratio demonstrates profitability excluding the tax provision or benefit and excludes the provision for loan and lease losses. “Adjusted pre-tax pre-provision return on average assets” excludes certain significant items, which include impairment charges on assets held for sale, merger-related expenses, and core system conversion expenses.
- “Tangible common equity” is defined as total stockholders’ equity reduced by preferred stock and goodwill and other intangible assets. Management does not consider servicing assets as an intangible asset for purposes of this calculation.
- “Tangible assets” is defined as total assets reduced by goodwill and other intangible assets. Management does not consider servicing assets as an intangible asset for purposes of this calculation.
- “Tangible book value per common share” is calculated as tangible common equity, which is stockholders’ equity reduced by preferred stock and goodwill and other intangible assets, divided by total shares of common stock outstanding. Management believes this metric is important due to the relative changes in the book value per share exclusive of changes in intangible assets.
- “Tangible common equity to tangible assets” is calculated as tangible common equity divided by tangible assets, which is total assets reduced by goodwill and other intangible assets. Management believes this metric is important to investors and analysts interested in relative changes in the ratio of total stockholders’ equity to total assets, each exclusive of changes in intangible assets.
- “Tangible net income available to common stockholders” is net income available to common stockholders excluding after-tax intangible asset amortization.
- “Adjusted tangible net income available to common stockholders” is tangible net income available to common stockholders excluding certain significant items. Management believes the metric is an important measure of the Company’s operating performance on an ongoing basis.
- “Return on average tangible common stockholders’ equity” is tangible net income available to common stockholders divided by average tangible common stockholders’ equity. Management believes the metric is an important measure of the Company’s operating performance on an ongoing basis.
- “Adjusted return on average tangible common stockholders’ equity” is adjusted tangible net income available to common stockholders divided by average tangible common stockholders’ equity. Management believes the metric is an important measure of the Company’s operating performance on an ongoing basis.

We believe that these non-GAAP financial measures provide useful information to its management and investors that is supplementary to our financial condition, results of operations and cash flows computed in accordance with GAAP; however, we acknowledge that our non-GAAP financial measures have a number of limitations. As such, you should not view these disclosures as a substitute for results determined in accordance with GAAP financial measures that we and other companies use. Management also uses these measures for peer comparison.

Reconciliations of Non-GAAP Financial Measures

	As of or For the Three Months Ended September 30,		As of or For the Nine Months Ended September 30,	
	2019	2018	2019	2018
<i>(dollars in thousands, except per share data)</i>				
Net income and earnings per share excluding significant items				
Reported Net Income	\$ 15,342	\$ 14,536	\$ 41,150	\$ 24,072
Significant items:				
Incremental income tax benefit attributed to federal income tax reform	—	—	—	(724)
Impairment charges on assets held for sale	67	139	459	256
Merger-related expense	1,043	150	4,213	1,790
Core system conversion expense	77	213	2,001	9,222
Tax benefit on impairment charges and merger-related expenses	(369)	(112)	(1,751)	(2,978)
Adjusted Net Income	<u>\$ 16,160</u>	<u>\$ 14,926</u>	<u>\$ 46,072</u>	<u>\$ 31,638</u>
Reported Diluted Earnings per Share	\$ 0.39	\$ 0.39	\$ 1.07	\$ 0.71
Significant items:				
Incremental income tax benefit attributed to federal income tax reform	—	—	—	(0.02)
Impairment charges on assets held for sale	—	—	0.01	—
Merger-related expense	0.03	—	0.11	0.05
Core system conversion expense	—	0.01	0.05	0.28
Tax benefit on impairment charges and merger-related expenses	(0.01)	—	(0.04)	(0.09)
Adjusted Diluted Earnings per Share	<u>\$ 0.41</u>	<u>\$ 0.40</u>	<u>\$ 1.20</u>	<u>\$ 0.93</u>

	As of or For the Three Months Ended September 30,		As of or For the Nine Months Ended September 30,	
	2019	2018	2019	2018
<i>(dollars in thousands, except per share data)</i>				
Adjusted non-interest expense:				
Non-interest expense	\$ 45,448	\$ 37,715	\$ 130,081	\$ 114,808
Less: significant items				
Impairment charges on assets held for sale	67	139	459	256
Merger-related expense	1,043	150	4,213	1,790
Core system conversion expense	77	213	2,001	9,222
Adjusted non-interest expense	<u>\$ 44,261</u>	<u>\$ 37,213</u>	<u>\$ 123,408</u>	<u>\$ 103,540</u>
Adjusted non-interest expense excluding amortization of intangible assets:				
Adjusted non-interest expense	\$ 44,261	\$ 37,213	\$ 123,408	\$ 103,540
Less: Amortization of intangible assets	2,003	1,898	5,735	3,795
Adjusted non-interest expense excluding amortization of intangible assets	<u>\$ 42,258</u>	<u>\$ 35,315</u>	<u>\$ 117,673</u>	<u>\$ 99,745</u>
Pre-tax pre-provision net income:				
Pre-tax income	\$ 21,265	\$ 19,938	\$ 56,946	\$ 31,859
Add: Provision for loan and lease losses	5,931	5,842	16,321	14,913
Pre-tax pre-provision net income	<u>\$ 27,196</u>	<u>\$ 25,780</u>	<u>\$ 73,267</u>	<u>\$ 46,772</u>
Adjusted pre-tax pre-provision net income:				
Pre-tax pre-provision net income	\$ 27,196	\$ 25,780	\$ 73,267	\$ 46,772
Impairment charges on assets held for sale	67	139	459	256
Merger-related expense	1,043	150	4,213	1,790
Core system conversion expense	77	213	2,001	9,222
Adjusted pre-tax pre-provision net income	<u>\$ 28,383</u>	<u>\$ 26,282</u>	<u>\$ 79,940</u>	<u>\$ 58,040</u>
Total revenues:				
Net interest income	\$ 57,838	\$ 52,593	\$ 162,371	\$ 125,344
Add: non-interest income	14,806	10,902	40,977	36,236
Total revenues	<u>\$ 72,644</u>	<u>\$ 63,495</u>	<u>\$ 203,348</u>	<u>\$ 161,580</u>
Tangible common stockholders' equity:				
Total stockholders' equity	\$ 735,866	\$ 629,861	\$ 735,866	\$ 629,861
Less: Preferred stock	10,438	10,438	10,438	10,438
Less: Goodwill	145,638	127,536	145,638	127,536
Less: Core deposit intangibles and other intangibles	33,905	35,248	33,905	35,248
Tangible common stockholders' equity	<u>\$ 545,885</u>	<u>\$ 456,639</u>	<u>\$ 545,885</u>	<u>\$ 456,639</u>
Tangible assets:				
Total assets	\$ 5,438,278	\$ 4,917,409	\$ 5,438,278	\$ 4,917,409
Less: Goodwill	145,638	127,536	145,638	127,536
Less: Core deposit intangibles and other intangibles	33,905	35,248	33,905	35,248
Tangible assets	<u>\$ 5,258,735</u>	<u>\$ 4,754,625</u>	<u>\$ 5,258,735</u>	<u>\$ 4,754,625</u>
Average tangible common stockholders' equity:				
Average total stockholders' equity	\$ 729,781	\$ 625,621	\$ 695,547	\$ 535,176
Less: Average preferred stock	10,438	10,438	10,438	10,438
Less: Average goodwill	145,638	127,536	138,027	87,173
Less: Average core deposit intangibles and other intangibles	35,102	36,444	34,346	25,359
Average tangible common stockholders' equity	<u>\$ 538,603</u>	<u>\$ 451,203</u>	<u>\$ 512,736</u>	<u>\$ 412,206</u>
Average tangible assets:				
Average total assets	\$ 5,435,762	\$ 4,809,939	\$ 5,226,491	\$ 4,016,915
Less: Average goodwill	145,638	127,536	138,027	87,173
Less: Average core deposit intangibles and other intangibles	35,102	36,444	34,346	25,359
Average tangible assets	<u>\$ 5,255,022</u>	<u>\$ 4,645,959</u>	<u>\$ 5,054,118</u>	<u>\$ 3,904,383</u>
Tangible net income available to common stockholders:				
Net income available to common stockholders	\$ 15,146	\$ 14,340	\$ 40,563	\$ 23,485
Add: After-tax intangible asset amortization	1,445	1,369	4,138	2,738
Tangible net income available to common stockholders	<u>\$ 16,591</u>	<u>\$ 15,709</u>	<u>\$ 44,701</u>	<u>\$ 26,223</u>
Adjusted Tangible net income available to common stockholders:				
Tangible net income available to common stockholders	\$ 16,591	\$ 15,709	\$ 44,701	\$ 26,223
Incremental income tax benefit attributed to federal income tax reform	—	—	—	(724)
Impairment charges on assets held for sale	67	139	459	256
Merger-related expense	1,043	150	4,213	1,790
Core system conversion expense	77	213	2,001	9,222
Tax benefit on significant items	(369)	(112)	(1,751)	(2,978)
Adjusted tangible net income available to common stockholders	<u>\$ 17,409</u>	<u>\$ 16,099</u>	<u>\$ 49,623</u>	<u>\$ 33,789</u>

	As of or For the Three Months Ended September 30,		As of or For the Nine Months Ended September 30,	
	2019	2018	2019	2018
<i>(dollars in thousands, except share and per share data)</i>				
Pre-tax pre-provision return on average assets:				
Pre-tax pre-provision net income	\$ 27,196	\$ 25,780	\$ 73,267	\$ 46,772
Average total assets	5,435,762	4,809,939	5,226,491	4,016,915
Pre-tax pre-provision return on average assets	1.98%	2.13%	1.87%	1.56%
Adjusted pre-tax pre-provision return on average assets:				
Adjusted pre-tax pre-provision net income	\$ 28,383	\$ 26,282	\$ 79,940	\$ 58,040
Average total assets	5,435,762	4,809,939	5,226,491	4,016,915
Adjusted pre-tax pre-provision return on average assets:	2.07%	2.17%	2.04%	1.93%
Non-interest income to total revenues:				
Non-interest income	\$ 14,806	\$ 10,902	\$ 40,977	\$ 36,236
Total revenues	72,644	63,495	203,348	161,580
Non-interest income to total revenues	20.38%	17.17%	20.15%	22.43%
Adjusted non-interest expense to average assets:				
Adjusted non-interest expense	\$ 44,261	\$ 37,213	\$ 123,408	\$ 103,540
Average total assets	5,435,762	4,809,939	5,226,491	4,016,915
Adjusted non-interest expense to average assets	3.23%	3.07%	3.16%	3.45%
Adjusted efficiency ratio:				
Adjusted non-interest expense excluding amortization of intangible assets	\$ 42,258	\$ 35,315	\$ 117,673	\$ 99,745
Total revenues	72,644	63,495	203,348	161,580
Adjusted efficiency ratio	58.17%	55.62%	57.87%	61.73%
Adjusted return on average assets:				
Adjusted net income	\$ 16,160	\$ 14,926	\$ 46,072	\$ 31,638
Average total assets	5,435,762	4,809,939	5,226,491	4,016,915
Adjusted return on average assets	1.18%	1.23%	1.18%	1.05%
Adjusted return on average stockholders' equity:				
Adjusted net income	\$ 16,160	\$ 14,926	\$ 46,072	\$ 31,638
Average stockholders' equity	729,781	625,621	695,547	535,176
Adjusted return on average stockholders' equity	8.78%	9.47%	8.86%	7.90%
Tangible common equity to tangible assets:				
Tangible common equity	\$ 545,885	\$ 456,639	\$ 545,885	\$ 456,639
Tangible assets	5,258,735	4,754,625	5,258,735	4,754,625
Tangible common equity to tangible assets	10.38%	9.60%	10.38%	9.60%
Return on average tangible common stockholders' equity:				
Tangible net income available to common stockholders	\$ 16,591	\$ 15,709	\$ 44,701	\$ 26,223
Average tangible common stockholders' equity	538,603	451,203	512,736	412,206
Return on average tangible common stockholders' equity:	12.22%	13.81%	11.66%	8.51%
Adjusted return on average tangible common stockholders' equity:				
Adjusted tangible net income available to common stockholders	\$ 17,409	\$ 16,099	\$ 49,623	\$ 33,789
Average tangible common stockholders' equity	538,603	451,203	512,736	412,206
Adjusted return on average tangible common stockholders' equity	12.82%	14.16%	12.94%	10.96%
Tangible book value per share:				
Tangible common equity	\$ 545,885	\$ 456,639	\$ 545,885	\$ 456,639
Common shares outstanding	38,169,126	36,279,600	38,169,126	36,279,600
Tangible book value per share	\$ 14.30	\$ 12.59	\$ 14.30	\$ 12.59

Forward-Looking Statements

This report contains certain “forward-looking statements” within the meaning of the U.S. Private Securities Litigation Reform Act of 1995. Any statements about Byline’s expectations, beliefs, plans, strategies, predictions, forecasts, objectives or assumptions of future events or performance are not historical facts and may be forward-looking. These statements are often, but not always, made through the use of words or phrases such as “anticipates,” “believes,” “expects,” “can,” “could,” “may,” “predicts,” “potential,” “opportunity,” “should,” “will,” “estimate,” “plans,” “projects,” “continuing,” “ongoing,” “expects,” “seeks,” “intends” and similar words or phrases. Accordingly, these statements involve estimates, known and unknown risks, assumptions and uncertainties that could cause actual strategies, actions or results to differ materially from those expressed in such statements, and are not guarantees of future results or other events or performance. Because forward-looking statements are necessarily only estimates of future strategies, actions or results, based on management’s current expectations, assumptions and estimates on the date hereof, and there can be no assurance that actual strategies, actions or results will not differ materially from expectations, readers are cautioned not to place undue reliance on such statements.

Our ability to predict results or the actual effects of future plans, strategies or events is inherently uncertain. Factors which could cause actual results or conditions to differ materially from those reflected in forward-looking statements include:

- uncertainty regarding geopolitical developments and the United States and global economic outlook that may continue to impact market conditions or affect demand for certain banking products and services;
- unforeseen credit quality problems or changing economic conditions that could result in charge-offs greater than we have anticipated in our allowance for loan and lease losses or changes in the value of our investments;
- commercial real estate market conditions in the Chicago metropolitan area and southern Wisconsin;
- deterioration in the financial condition of our borrowers resulting in significant increases in our loan and lease losses and provisions for those losses and other related adverse impacts to our results of operations and financial condition;
- estimates of fair value of certain of our assets and liabilities, which could change in value significantly from period to period;
- competitive pressures in the financial services industry relating to both pricing and loan and lease structures, which may impact our growth rate;
- unanticipated developments in pending or prospective loan and/or lease transactions or greater-than-expected pay downs or payoffs of existing loans and leases;
- inaccurate assumptions in our analytical and forecasting models used to manage our loan and lease portfolio;
- unanticipated changes in monetary policies of the Federal Reserve or significant adjustments in the pace of, or market expectations for, future interest rate changes;
- availability of sufficient and cost-effective sources of liquidity or funding as and when needed;
- our ability to retain or the loss of key personnel or an inability to recruit appropriate talent cost-effectively;
- adverse effects on our information technology systems resulting from failures, human error or cyberattack, including the potential impact of disruptions or security breaches at our third-party service providers, any of which could result in an information or security breach, the disclosure or misuse of confidential or proprietary information, significant legal and financial losses and reputational harm;
- greater-than-anticipated costs to support the growth of our business, including investments in technology, process improvements or other infrastructure enhancements, or greater-than-anticipated compliance or regulatory costs and burdens;
- the impact of possible future acquisitions, if any, including the costs and burdens of integration efforts;
- the ability of the Company to receive dividends from its subsidiaries;
- changes in Small Business Administration (“SBA”) and U.S. Department of Agriculture (“USDA”) U.S. government guaranteed lending rules, regulations and loan products, including specifically the SBA Section 7(a) program, changes in SBA or USDA standard operating procedures or changes to the status of Byline Bank as an SBA Preferred Lender;

- changes in accounting principles, policies and guidelines applicable to bank holding companies and banking generally;
- the impact of a possible change in the federal or state income tax rate on our deferred tax assets and provision for income tax expense;
- the possibility that any of the anticipated benefits of acquisitions will not be realized or will not be realized within the expected time period;
- the risk that the integration of acquisition operations will be materially delayed or will be more costly or difficult than expected;
- the effect of mergers on customer relationships and operating results; and
- other risks detailed from time to time in filings we make with the SEC.

These risks and uncertainties should be considered in evaluating any forward-looking statements, and undue reliance should not be placed on such statements. Forward looking statements speak only as of the date they are made. You should also consider the risks, assumptions and uncertainties set forth in the “Risk Factors” section of this Form 10-Q and in our Annual Report on Form 10-K for the year ended December 31, 2018, and the “Management’s Discussion and Analysis of Financial Condition and Results of Operations” section of this Form 10-Q, as well as those set forth in the reports we file with the SEC. We assume no obligation to update any of these statements in light of new information, future events or otherwise unless required under the federal securities laws.

Item 3. Quantitative and Qualitative Disclosures About Market Risk.

Our primary market risk is interest rate risk, which is defined as the risk of loss of net interest income or net interest margin because of changes in interest rates.

We seek to measure and manage the potential impact of interest rate risk. Interest rate risk occurs when interest-earning assets and interest-bearing liabilities mature or re-price at different times, on a different basis or in unequal amounts. Interest rate risk also arises when our assets, liabilities and off-balance sheet contracts each respond differently to changes in interest rates, including as a result of explicit and implicit provisions in agreements related to such assets and liabilities and in off-balance sheet contracts that alter the applicable interest rate and cash flow characteristics as interest rates change. The two primary examples of such provisions that we are exposed to are the duration and rate sensitivity associated with indeterminate-maturity deposits (e.g., non-interest-bearing checking accounts, negotiable order of withdrawal accounts, savings accounts and money market deposits accounts and the rate of prepayment associated with fixed-rate lending and mortgage-backed securities. Interest rates may also affect loan demand, credit losses, mortgage origination volume and other items affecting earnings.

We are also exposed to interest rate risk through the retained portion of the U.S. government guaranteed loans we make and the related servicing rights. Our U.S. government guaranteed loan portfolio is comprised primarily of SBA 7(a) loans, virtually all of which are quarterly or monthly adjustable with the prime rate. The SBA portfolio reacts differently in a rising rate environment than our other non-guaranteed portfolios. Generally, when interest rates rise, the prepayments in the SBA portfolio tend to increase.

Our management of interest rate risk is overseen by our bank’s asset liability committee, and is chaired by Byline Bank’s Treasurer, based on a risk management infrastructure approved by our board of directors that outlines reporting and measurement requirements. In particular, this infrastructure sets limits and management targets, calculated monthly, for various metrics, including our economic value sensitivity, our economic value of equity and net interest income simulations involving parallel shifts in interest rate curves, steepening and flattening yield curves, and various prepayment and deposit duration assumptions. Our risk management infrastructure also requires a periodic review of all key assumptions used, such as identifying appropriate interest rate scenarios, setting loan prepayment rates based on historical analysis, non-interest-bearing and interest-bearing demand deposit durations based on historical analysis and the targeted investment term of capital.

We manage the interest rate risk associated with our interest-bearing liabilities by managing the interest rates and tenors associated with our borrowings from the FHLB and deposits from our customers that we rely on for funding. In particular, from time to time we use special offers on deposits to alter the interest rates and tenors associated with our interest-bearing liabilities. We manage the interest rate risk associated with our interest-earning assets by managing the interest rates and tenors associated with our investment and loan portfolios, from time to time purchasing and selling investment securities and selling residential mortgage loans in the secondary market.

We utilize interest rate swaps to hedge our interest rate exposure on commercial loans when it meets our clients' and Byline Bank's needs. Typically, customer interest rate swaps are for terms of more than five years. As of September 30, 2019, we had a notional amount of \$296.7 million of interest rate swaps outstanding which includes customer swaps and those on Byline Bank's balance sheet. The overall effectiveness of our hedging strategies is subject to market conditions, the quality of our execution, the accuracy of our valuation assumptions, the associated counterparty credit risk and changes in interest rates.

We do not engage in speculative trading activities relating to interest rates, foreign exchange rates, commodity prices, equities or credit.

We are also subject to credit risk. Credit risk is the risk that borrowers or counterparties will be unable or unwilling to repay their obligations in accordance with the underlying contractual terms. We manage and control credit risk in the loan and lease portfolio by adhering to well-defined underwriting criteria and account administration standards established by management. Written credit policies document underwriting standards, approval levels, exposure limits and other limits or standards deemed necessary and prudent. Portfolio diversification at the obligor, industry, product and/or geographic location levels is actively managed to mitigate concentration risk. In addition, credit risk management also includes an independent credit review process that assesses compliance with commercial, real estate and other credit policies, risk ratings, and other critical credit information. In addition to implementing risk management practices that are based upon established and sound lending practices, we adhere to sound credit principles. We understand and evaluate our customers' borrowing needs and capacity to repay, in conjunction with their character and history.

Evaluation of Interest Rate Risk

We use a net interest income simulation model to measure and evaluate potential changes in our net interest income. We run various hypothetical interest rate scenarios at least monthly and compare these results against a scenario with no changes in interest rates. Our net interest income simulation model incorporates various assumptions, which we believe are reasonable but which may have a significant impact on results such as: (1) the timing of changes in interest rates, (2) shifts or rotations in the yield curve, (3) re-pricing characteristics for market-rate-sensitive instruments on and off balance sheet, (4) differing sensitivities of financial instruments due to differing underlying rate indices, (5) the effect of interest rate limitations in our assets, such as floors and caps, (6) the effect of our interest rate swaps and (7) overall growth and repayment rates and product mix of assets and liabilities. Because of limitations inherent in any approach used to measure interest rate risk, simulation results are not intended as a forecast of the actual effect of a change in market interest rates on our results but rather as a means to better plan and execute appropriate asset-liability management strategies and manage our interest rate risk.

Potential changes to our net interest income in hypothetical rising and declining rate scenarios calculated as of September 30, 2019 is presented in the following table. The projections assume (1) immediate, parallel shifts downward of the yield curve of 100 basis points and immediate, parallel shifts upward of the yield curve of 100, 200, 300 and 400 basis points and (2) gradual shifts downward of 100 and 200 basis points over 12 months and gradual shifts upward of 100 and 200 basis points over 12 months. In the current interest rate environment, a downward shift of the yield curve of 300 and 400 basis points does not provide us with meaningful results. In a downward parallel shift of the yield curve, interest rates at the short-end of the yield curve are not modeled to decline any further than 0%. For the dynamic balance sheet and rate shift scenarios, we assume interest rates follow a forward yield curve and then ramp it up by 1/12th of the total change in rates each month for twelve months.

Change in Market Interest Rates as of September 30, 2019	Estimated Increase (Decrease) in Net Interest Income	
	Twelve Months Ending September 30, 2020	Twelve Months Ending September 30, 2021
<u>Immediate Shifts</u>		
+400 basis points	15.8%	20.8%
+300 basis points	12.4%	16.5%
+200 basis points	8.6%	11.9%
+100 basis points	4.3%	6.3%
-100 basis points	(7.6)%	(11.5)%
-200 basis points	(15.4)%	(22.3)%
<u>Dynamic Balance Sheet and Rate Shifts</u>		
+200 basis points	6.2%	
+100 basis points	3.4%	
-100 basis points	(2.4)%	
-200 basis points	(6.6)%	

The results of this simulation analysis are hypothetical, and a variety of factors might cause actual results to differ substantially from what is depicted. For example, if the timing and magnitude of interest rate changes differ from those projected, our net interest income might vary significantly. Non-parallel yield curve shifts such as a flattening or steepening of the yield curve or changes in interest rate spreads, would also cause our net interest income to be different from that depicted. An increasing interest rate environment could reduce projected net interest income if deposits and other short-term liabilities re-price faster than expected or faster than our assets re-price. Actual results could differ from those projected if we grow assets and liabilities faster or slower than estimated, if we experience a net outflow of deposit liabilities or if our mix of assets and liabilities otherwise changes. Actual results could also differ from those projected if we experience substantially different repayment speeds in our loan portfolio than those assumed in the simulation model. Finally, these simulation results do not contemplate all the actions that we may undertake in response to potential or actual changes in interest rates, such as changes to our loan, investment, deposit, funding or hedging strategies.

On October 30, 2019, the Federal Reserve Bank announced a reduction in its benchmark interest rate of 25 basis points. Following the announcement, we reduced the Prime Rate from 5.00% to 4.75% on our variable rate loans effective October 31, 2019. We estimate the reduction will decrease net interest income by approximately \$560,000 over the remainder of 2019.

Item 4. Controls and Procedures.

The Company's management, including our President and Chief Executive Officer and our Chief Financial Officer, have evaluated the effectiveness of our "disclosure controls and procedures" (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934 (the "Exchange Act")), as of the end of the period covered by this report. Based on such evaluation, our President and Chief Executive Officer and our Chief Financial Officer have concluded that, as of September 30, 2019, the Company's disclosure controls and procedures were effective to provide reasonable assurance that the information required to be disclosed by the Company in the reports it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the rules and forms of the SEC and is accumulated and communicated to the Company's management, including our President and Chief Executive Officer and our Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosure.

Changes in Internal Control Over Financial Reporting

There was no change in our internal control over financial reporting during the quarter ended September 30, 2019, that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

The design of any system of controls and procedures is based in part upon certain assumptions about the likelihood of future events. There can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions, regardless of how remote.

PART II-OTHER INFORMATION

Item 1. Legal Proceedings.

We operate in a highly regulated environment. From time to time we are a party to various litigation matters incidental to the conduct of our business. We are not presently party to any legal proceedings the resolution of which we believe would have a material adverse effect on our business, prospects, financial condition, liquidity, results of operation, cash flows or capital levels.

Item 1A. Risk Factors.

There have been no material changes to the risk factors previously disclosed in the “Risk Factors” section included in our Form 10-K for our fiscal year ended December 31, 2018 that was filed with the SEC on March 15, 2019.

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

None.

Item 3. Defaults Upon Senior Securities.

None.

Item 4. Mine Safety Disclosures.

Not applicable.

Item 5. Other Information.

None.

Item 6. Exhibits.

Number	EXHIBIT Description
3.1	<u>Amended and Restated Certificate of Incorporation (filed as Exhibit 3.1 to the Company's Registration Statement on Form S-1, as amended (File No. 333-218362) filed on June 19, 2017 and incorporated herein by reference)</u>
3.2	<u>Amended and Restated Bylaws (filed as Exhibit 3.2 to the Company's Registration Statement on Form S-1, as amended (File No. 333-218362) filed on June 19, 2017 and incorporated herein by reference)</u>
3.3	<u>Certificate of Designations of Noncumulative Perpetual Preferred Stock, Series A (filed as Exhibit 3.3 to the Company's Registration Statement on Form S-1, as amended (File No. 333-218362) filed on June 19, 2017 and incorporated herein by reference)</u>
3.4	<u>Form of Repurchase Agreement for Noncumulative Perpetual Preferred Stock, Series A (filed as Exhibit 10.1 to the Company's Current Report on Form 8-K (File No. 001-38139) filed on July 17, 2017 and incorporated herein by reference)</u>
3.5	<u>Certificate of Elimination of Noncumulative Perpetual Preferred Stock, Series A (filed as Exhibit 3.5 to the Company's Quarterly Report on Form 10-Q (file No. 001-38139) filed on August 13, 2018 and incorporated herein by reference)</u>
3.6	<u>Certificate of Designations of 7.50% Fixed-to-Floating Noncumulative Perpetual Preferred Stock, Series B (filed as Exhibit 3.4 to the Company's Registration Statement on Form S-1, as amended (File No. 333-218362) filed on June 19, 2017 and incorporated herein by reference)</u>
4.1	<i>Certain instruments defining the rights of holders of long-term debt securities of the registrant and its subsidiaries are omitted pursuant to Item 601(b)(4)(iii) of Regulation S-K. The registrant hereby undertakes to furnish to the SEC, upon request, copies of any such instruments.</i>
31.1	<u>Certification of the Chief Executive Officer Pursuant to Rules 13a-14(a) and 15d-14(a) of the Securities Exchange Act of 1934, and Section 302 of the Sarbanes-Oxley Act of 2002</u>
31.2	<u>Certification of the Chief Financial Officer Pursuant to Rules 13a-14(a) and 15d-14(a) of the Securities Exchange Act of 1934, and Section 302 of the Sarbanes-Oxley Act of 2002</u>
32.1(a)	<u>Certification of Chief Executive Officer and Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002</u>
101	Financial information from the Company's Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2019, formatted in XBRL interactive data files pursuant to Rule 405 of Regulation S-T: (i) Consolidated Statements of Condition; (ii) Consolidated Statements of Operations; (iii) Consolidated Statements of Comprehensive Income (Loss); (iv) Consolidated Statements of Changes in Stockholders' Equity; (v) Consolidated Statements of Cash Flows; and (vi) Notes to Consolidated Financial Statements
(a)	This exhibit shall not be deemed "filed" for purposes of Section 18 of the Exchange Act, or otherwise subject to the liability of that section, and shall not be deemed to be incorporated by reference into any filing under the Securities Act or the Exchange Act.

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.

BYLINE BANCORP, INC.

Date: November 7, 2019

By: /s/ Alberto J. Paracchini

Alberto J. Paracchini
President and Chief Executive Officer
(Principal Executive Officer)

Date: November 7, 2019

By: /s/ Lindsay Corby

Lindsay Corby
Executive Vice President and Chief Financial Officer
(Principal Financial and Accounting Officer)

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Section 2: EX-31.1 (EX-31.1)

EXHIBIT 31.1

Certification of Chief Executive Officer Pursuant to Rules 13a-14(a) and 15d-14(a) of the Securities Exchange Act of 1934 and Section 302 of the Sarbanes-Oxley Act of 2002

I, Alberto J. Paracchini, certify that:

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

b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the Registrant's internal control over financial reporting.

Date: November 7, 2019

/s/ Alberto J. Paracchini
Alberto J. Paracchini
President and Chief Executive Officer
(Principal Executive Officer)

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Section 3: EX-31.2 (EX-31.2)

EXHIBIT 31.2

**Certification of Chief Financial Officer
Pursuant to Rules 13a-14(a) and 15d-14(a) of the Securities Exchange Act of 1934
and Section 302 of the Sarbanes-Oxley Act of 2002**

I, Lindsay Corby, certify that:

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

Date: November 7, 2019

/s/ Lindsay Corby
Lindsay Corby
Executive Vice President and Chief Financial Officer

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Section 4: EX-32.1 (EX-32.1)

EXHIBIT 32.1(a)

**CERTIFICATIONS 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 Byline Bancorp, Inc. (the “Company”) on Form 10-Q for the period ended September 30, 2019 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), the undersigned, the Chief Executive Officer and Chief Financial Officer of the Company, each hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that, to his or her knowledge:

1. The Report fully complies with the requirements of Sections 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/ Alberto J. Paracchini

Alberto J. Paracchini
President and Chief Executive Officer
(Principal Executive Officer)
November 7, 2019

/s/ Lindsay Corby

Lindsay Corby
Executive Vice President & Chief Financial Officer
(Principal Financial Officer)
November 7, 2019

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