

BANK OF SOUTH CAROLINA CORP
Form 10-K
March 04, 2019

UNITED STATES

**SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

FORM 10-K

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

For the fiscal year ended December 31, 2018

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: 0-27702

BANK OF SOUTH CAROLINA CORPORATION

(Exact name of registrant as specified in its charter)

South Carolina	57-1021355
(State or other jurisdiction of incorporation or organization)	(IRS Employer Identification Number)

256 Meeting Street, Charleston, SC	29401
(Address of principal executive offices)	(Zip Code)

Issuer's telephone number: (843) 724-1500

Securities registered under Section 12(b) of the Exchange Act:

Common Stock
(Title of Class)

Securities registered under Section 12(g) of the Exchange Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act.

Yes No

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, if any, 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 a shorter period that the registrant was required to submit).

Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§229.405 of this chapter) is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

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

Large accelerated filer Accelerated filer 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 by 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

Aggregate market value of the voting stock held by non-affiliates, computed by reference to the closing price of such stock on June 30, 2018 was \$74,908,192.

As of February 14, 2019, the Registrant has outstanding 5,514,305 shares of common stock.

BANK OF SOUTH CAROLINA CORPORATION

AND SUBSIDIARY

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PART I

CAUTIONARY STATEMENT REGARDING FORWARD-LOOKING STATEMENTS

This report, including information included or incorporated by reference in this document, contains statements that constitute “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1934. We desire to take advantage of the “safe harbor” provisions of the Private Securities Litigation Reform Act of 1996 and are including this statement for the express purpose of availing the Bank of South Carolina Corporation (the “Company”) of protections of such safe harbor with respect to all “forward-looking statements” contained in this Form 10-K. Forward-looking statements may relate to, among other matters, the financial condition, results of operations, plans, objectives, future performance, and business of the Company. Forward-looking statements are based on many assumptions and estimates and are not guarantees of future performance. Our actual results may differ materially from those anticipated in any forward-looking statements, as they will depend on many factors about which we are unsure, including many factors that are beyond our control. The words “may,” “would,” “could,” “should,” “will,” “expect,” “anticipate,” “predict,” “project,” “potential,” “continue,” “assume,” “believe,” “intend,” “plan,” “forecast,” “goal,” and “estimate,” as well as other similar expressions, are meant to identify such forward-looking statements. Potential risks and uncertainties that could cause our actual results to differ materially from those anticipated in our forward-looking statements include, without limitation, those described under the heading “Risk Factors” in this Annual Report on Form 10-K for the year ended December 31, 2018 as filed with the Securities and Exchange Commission (the “SEC”) and the following:

Risk from changes in economic, monetary policy, and industry conditions

Changes in interest rates, shape of the yield curve, deposit rates, the net interest margin and funding sources

Market risk (including net income at risk analysis and economic value of equity risk analysis) and inflation

Risk inherent in making loans including repayment risks and changes in the value of collateral

Loan growth, the adequacy of the allowance for loan losses, provisions for loan losses, and the assessment of problem loans

Level, composition, and re-pricing characteristics of the securities portfolio

Deposit growth and changes in the mix or type of deposit products and services

Continued availability of senior management and ability to attract and retain key personnel

Technological changes

Increased cybersecurity risk, including potential business disruptions or financial losses

Ability to control expenses

Changes in compensation

Risks associated with income taxes including potential for adverse adjustments

Changes in accounting policies and practices

Changes in regulatory actions, including the potential for adverse adjustments

Recently enacted or proposed legislation and changes in political conditions

Reputational risk

We will undertake no obligation to update any forward-looking statement to reflect events or circumstances after the date on which such statement is made to reflect the occurrence of unanticipated events. In addition, certain statements in future filings with the SEC, in our press releases, and in oral and written statements, which are not statements of historical fact, constitute forward-looking statements.

Item 1. Business

General

The Bank of South Carolina (the “Bank”) was organized on October 22, 1986 and opened for business as a state-chartered financial institution on February 26, 1987, in Charleston, South Carolina. The Bank was reorganized into a wholly owned subsidiary of the Company, effective April 17, 1995. At the time of the reorganization, each outstanding share of the Bank was exchanged for two shares of Company stock.

Market Area

The Bank operates as an independent, community oriented, commercial bank providing a broad range of financial services and products to the Charleston – North Charleston metro area, which includes Charleston, Berkeley, and Dorchester county. We have four banking house locations: 256 Meeting Street, Charleston, SC; 100 North Main Street, Summerville, SC; 1337 Chuck Dawley Boulevard, Mt. Pleasant, SC; and 2027 Sam Rittenberg Boulevard, Charleston, SC. We intend to open a banking office at 9403 Highway 78, North Charleston, SC in 2019 (copy of the lease incorporated as Exhibit 10.13 in the June 30, 2017 Form 10-Q).

The Charleston – North Charleston metro area grew 33.11% between 2012 and 2017 according to the U.S. Bureau of Economic Analysis. The primary economic drivers of our market area are manufacturing, hospitality, technology, and the healthcare industry. This includes manufacturing campuses for Boeing, Volvo Cars, and Mercedes-Benz Vans in the area. Hospitality has also contributed to the economic growth as both Conde Nast Traveler and Travel Leisure Magazine have recognized the area as a top tourism destination. Additionally, Charleston is considered the number one mid-sized U.S. metro area for IT growth according to the U.S. Bureau of Labor Statistics.

References to “we,” “us,” “our,” “the Bank,” or “the Company” refer to the parent and its subsidiary, that are consolidated for financial purposes.

The Company (ticker symbol: BKSC) is publicly traded on the National Association of Securities Dealers Automated Quotations (“NASDAQ”), and is under the reporting authority of the SEC. All of our electronic filings with the SEC, including our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and other documents filed or furnished pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934, are accessible at no cost on our website, <http://www.banksc.com>, through the “Investor Relations” link. Our filings are also available through the SEC’s web site at <http://www.sec.gov> or by calling 1-800-SEC-0330.

Competition

The financial services industry is highly competitive. We face competition in attracting deposits and originating loans based upon a variety of factors including:

- interest rates offered on deposit accounts
- interest rates charged on loans
- credit and service charges
- the quality of services rendered
- the convenience of banking facilities and other delivery channels
- relative lending limits in the case of loans
- increase in non-banking financial institutions providing similar services
- continued consolidation, and
- legislative, regulatory, economic, and technological changes

We compete with commercial banks, savings institutions, finance companies, credit unions and other financial services companies. Many of our larger commercial bank competitors have greater name recognition and offer certain services that we do not. However, we believe that we have developed an effective competitive advantage in our market area by emphasizing exceptional service and knowledge of local trends and conditions.

Lending Activities

We focus our lending activities on small and middle market businesses, professionals and individuals in our geographic markets and typically require personal guarantees. Our primary lending activities are for commercial,

commercial real estate, and consumer purposes, with the largest category being commercial real estate. Most of our lending activity is to borrowers within our market area.

Commercial Loans

As of December 31, 2018, \$54.8 million, or 19.96%, of our loan portfolio consisted of commercial loans. We originate various types of secured and unsecured commercial loans to customers in our market area in order to provide customers with working capital and funds for other general business purposes. The term of these loans generally range from less than one year to 10 years. These loans bear either a fixed interest rate or an interest rate linked to a variable market index, depending on the individual loan, its purpose, and underwriting of that loan.

Commercial credit decisions are based upon our credit assessment of each applicant. We evaluate the applicant's ability to repay in accordance with the proposed terms of the loan and assess the risks involved. In addition to evaluating the applicant's financial statements, we consider the adequacy of the primary and secondary sources of repayment for the loan. Credit agency reports of the applicant's personal credit history supplement our analysis of the applicant's creditworthiness. In addition, collateral supporting a secured transaction is analyzed to determine its marketability. Commercial business loans generally have higher interest rates than residential loans of similar duration because they have a higher risk of default with repayment generally depending on the successful operation of the borrower's business and the adequacy of any collateral.

Commercial Real Estate Loans

As of December 31, 2018, commercial real estate construction loans comprised \$7.3 million, or 2.66%, of our loan portfolio. We make construction loans for commercial properties to businesses. Advances on construction loans are made in accordance with a schedule reflecting the cost of construction. Loans are typically underwritten with a maximum loan to value ratio of 80% based on current appraisals with value defined as the purchase price, appraised value, or cost of construction, whichever is lower. Repayment of construction loans on non-residential and income-producing properties is normally attributable to rental income, income from the borrower's operating entity, or the sale of the property. Construction loans are interest-only during the construction period, which typically does not exceed twelve months and are often paid-off with permanent financing.

Before making a commitment to fund a construction loan, we require an appraisal of the property by a state-certified or state-licensed appraiser. We review and inspect properties before disbursement of funds during the term of the construction loan.

Construction financing generally involves greater credit risk than long-term financing on improved, owner-occupied real estate. Risk of loss on a construction loan depends largely upon the accuracy of the initial estimate of the value of the property at completion of construction compared to the estimated cost (including interest) of construction and other assumptions. Construction loans also expose us to risk that improvements will not be completed on time in accordance with specifications and projected costs.

As of December 31, 2018, \$143.7 million, or 52.32%, of our loan portfolio consisted of other commercial real estate loans, excluding commercial construction loans. Properties securing our commercial real estate loans are primarily comprised of business owner-occupied properties, small office buildings and office suites, and income-producing real estate.

We base our decision to lend primarily on the economic viability of the property and the creditworthiness of the borrower. In evaluating a proposed commercial real estate loan, we emphasize the ratio of the property's projected net cash flow to the loan's debt service requirement computed after a deduction for an appropriate vacancy factor and reasonable expenses. We typically require property casualty insurance, title insurance, earthquake insurance, wind and hail coverage, and, if appropriate, flood insurance, in order to protect our security interest in the underlying property.

Commercial real estate loans generally carry higher credit risks, as they typically involve larger loan balances concentrated with single borrowers or groups of related borrowers. In addition, the payment of loans secured by income-producing properties typically depends on the successful operation of the property, as repayment of the loan generally is dependent, in large part, on sufficient income from the property to cover operating expenses and debt service. Changes in economic conditions not within the control of the borrower or lender could affect the value of the underlying collateral or the future cash flow of the property.

Consumer Loans

Consumer real estate loans were \$63.8 million, or 23.22%, of the loan portfolio as of December 31, 2018. Consumer real estate loans consist of consumer construction loans, consumer real estate loans, HELOCs, and mortgage originations. We make construction loans for owner-occupied residential properties. Advances on construction loans are in accordance with a schedule reflecting the cost of construction, but are limited to a maximum loan-to-value ratio of 80%. Before making a commitment to fund a construction loan, we require an appraisal of the property by a state-certified or state-licensed appraiser. We review and inspect properties before disbursement of funds during the term of the construction loan. Similar to commercial real estate construction financing, consumer construction financing generally involves greater credit risk than long-term financing on improved, owner-occupied real estate. Risk of loss on a construction loan depends largely upon the accuracy of the initial estimate of the value of the property at completion of construction compared to the estimated cost (including interest) of construction and other assumptions. Construction loans also expose us to risk that improvements will not be completed on time in accordance

with specifications and projected costs.

Consumer real estate loans consist of loans secured by first or second mortgages on primary residences, and originate as adjustable-rate or fixed-rate loans. Owner-occupied properties located in the Company's market area serve as the collateral for these loans. The Company currently originates residential mortgage loans for our portfolio with a maximum loan-to-value ratio of 80% for traditional owner-occupied homes.

In addition to consumer real estate loans, we offer home equity loans and lines of credit secured by the borrower's primary or secondary residence. Our home equity loans and lines of credit currently originate with adjustable-rate with a floor. We generally underwrite home equity loans and lines of credit with the same criteria that we use to underwrite mortgage loans to be sold. For a borrower's primary and secondary residences, home equity loans and lines of credit are typically underwritten with a maximum loan-to-value ratio of 80% when combined with the principal balance of the existing mortgage loan. We require a current appraisal or internally prepared real estate evaluations on home equity loans and lines of credit. At the time we close a home equity loan or line of credit, we record a mortgage to perfect our security interest in the underlying collateral.

All residential loans that we originate are underwritten pursuant to our policies and procedures. We originate both adjustable-rate and fixed-rate loans. A rising interest rate environment that typically results in decreased loan demand may adversely affect our loan origination and sales activity.

Other consumer loans totaled \$5.0 million and were 1.83% of the loan portfolio as of December 31, 2018. These loans are originated for various purposes, including the purchase of automobiles, boats, and other personal purposes.

Consumer loans may entail greater credit risk than mortgage loans to be sold, particularly in the case of consumer loans that are unsecured or are secured by rapidly depreciable assets, such as automobiles. In addition, consumer loan collections are dependent on the borrower's continuing financial stability, and thus are more likely to be affected by adverse personal circumstances. The application of various federal and state laws, including bankruptcy and insolvency laws, may also limit the amount which can be recovered on such loans.

Loan Approval Procedures and Authority

Our lending activities follow written, non-discriminatory underwriting standards and loan origination procedures established by the Board of Directors of the Bank. The loan approval process is intended to assess the borrower's ability to repay the loan and the value of the collateral that will secure the loan. To assess the borrower's ability to repay, we review the borrower's employment, credit history, and information on the historical and projected income and expenses of the borrower.

The objectives of our lending program are to:

1. Establish a sound asset structure
2. Provide a sound and profitable loan portfolio to:
 - a) Protect the depositor's funds
 - b) Maximize the shareholders' return on their investment
3. Promote the stable economic growth and development of the market area served by the Bank
4. Comply with all regulatory agency requirements and applicable law

The underwriting standards and loan origination procedures include officer lending limits, which are approved by the Board of Directors. The individual secured/unsecured lending authority of the President/Chief Executive Officer of the Bank is set at \$1,500,000 and the individual secured/unsecured lending authority of the Senior Lender/Executive Vice President is set at \$750,000. The President/Chief Executive Officer of the Bank and the Senior Lender/Executive Vice President may jointly lend up to 10% of the Bank's unimpaired capital for the previous quarter end. In the absence of either of the above, the other may, jointly with the approval of either the Chairman of the Board of Directors or a majority of the Loan Committee of the Board of Directors, lend up to 10% of the Bank's unimpaired capital for the previous quarter end. The Board of Directors, with two-thirds vote, may approve the aggregate credit in excess of this limit but may not exceed 15% of the Bank's unimpaired capital. Loan limits apply to the total direct and indirect liability of the borrower. All loans above the loan officer's authority must have the approval of a loan officer with the authority to approve a loan of that amount. Pooling of loan authority is not allowed except as outlined above for the President/Chief Executive Officer, Senior Lender/Executive Vice President, a majority of the Loan Committee or two-thirds of the Board of Directors.

All new credit which results in aggregate direct, indirect, and related credit, not under an approved line of credit of a threshold set forth in our loan policy, with the exceptions of mortgage loans in the process of being sold to investors

and loans secured by properly margined negotiable securities traded on an established market or other cash collateral, are reviewed in detail on a monthly basis by the Loan Committee. Certain new credits that meet a higher threshold than required for the Loan Committee are reviewed by the Board of Directors of the Bank at its regular monthly meeting.

Employees

At December 31, 2018, we employed 79 people, with four individuals considered part time and one individual considered hourly, none of whom are subject to a collective bargaining agreement. We provide a variety of benefit programs including an Employee Stock Ownership Plan and Trust, Stock Incentive Plan, health, life, disability and other insurance. We believe our relationship with our employees is excellent.

Supervision and Regulation

We are subject to extensive state and federal banking laws and regulations that impose specific requirements or restrictions and provide for general regulatory oversight of virtually all aspects of operations. The regulations are primarily intended to protect depositors, customers, and the integrity of the U.S. banking system and capital markets. The following information describes some of the more significant laws and regulations applicable to us. The description is qualified in its entirety by reference to the applicable laws and regulations. Proposals to change the laws and regulations governing the banking industry are frequently raised in Congress, state legislatures, and with the various bank regulatory agencies. Changes in applicable laws or regulations, or a change in the way such laws or regulations are interpreted by regulatory agencies or courts, may have a material impact on our business operations and earnings.

Dodd-Frank Act

On July 21, 2010, the Dodd-Frank Wall Street Reform and Consumer Protection Act (the “Dodd-Frank Act”) became effective. This law has broadly affected the financial services industry by implementing changes to the financial regulatory landscape aimed at strengthening the sound operation of the financial services industry, and will continue to significantly change the current bank regulatory structure and affect the lending, deposit, investment, trading and operating activities of financial institutions and their holding companies, including the Company and the Bank.

The Dodd-Frank Act created the Consumer Financial Protection Bureau (the “CFPB”) to centralize responsibility for consumer financial protection, including implementing, examining and enforcing compliance with federal consumer financial laws. The CFPB exercises supervisory review of banks under its jurisdiction. The CFPB focuses its rulemaking in several areas, particularly in the areas of mortgage reform involving the Real Estate Settlement Procedures Act, the Truth in Lending Act, the Equal Credit Opportunity Act, and the Fair Debt Collection Practices Act. There are many provisions in the Dodd-Frank Act mandating regulators to adopt new regulations and conduct studies upon which future regulation may be based. Governmental intervention and new regulations could materially and adversely affect our business, financial condition and results of operations.

Volcker Rule

Section 619 of the Dodd-Frank Act, known as the “Volcker Rule,” prohibits any bank, bank holding company, or affiliate (referred to collectively as “banking entities”) from engaging in two types of activities: proprietary trading and the ownership or sponsorship of private equity or hedge funds that are referred to as covered funds. Proprietary trading, in general, is trading in securities on a short-term basis for a banking entity’s own account. In December 2013, federal banking agencies, the SEC and the Commodity Futures Trading Commission, finalized a regulation to implement the Volcker Rule. At December 31, 2018, the Company has evaluated our securities portfolio and has determined that we do not hold any covered funds.

Bank Holding Company Act

The Company is a one-bank holding company under the Federal Bank Holding Company Act of 1956, as amended. As a result, the Company is primarily subject to the supervision, examination and reporting requirements of the Board of Governors (the “Federal Reserve Board”) of the Federal Reserve Bank (the “Federal Reserve”) under the act and its regulations promulgated thereunder. Moreover, as a bank holding company located in South Carolina, the Company is also subject to the regulations of the South Carolina State Board of Financial Institutions.

Capital Requirements

The Federal Reserve Board imposes certain capital requirements on the Company under the Bank Holding Company Act, including a minimum leverage ratio and minimum ratio of “qualifying” capital to risk-weighted assets. These requirements are essentially the same as those that apply to the Bank and are described under “Regulatory Capital Requirements” in the notes to the financial statements (see Note 18). The ability of the Company to pay dividends to shareholders depends on the Bank’s ability to pay dividends to the Company, which is subject to regulatory restrictions as described below in “Dividends.”

Standards for Safety and Soundness

The Federal Deposit Insurance Act requires the federal banking regulatory agencies to prescribe, by regulation or guideline, operational and managerial standards for all insured depository institutions relating to (1) internal controls, information systems and internal audit systems, (2) loan documentation, (3) credit underwriting, (4) interest rate risk exposure, and (5) asset growth. The agencies also must prescribe standards for asset quality, earnings, and stock valuation, as well as standards for compensation, fees, and benefits. The federal banking agencies have adopted regulations and “Interagency Guidelines Establishing Standards for Safety and Soundness” to implement these required standards. These guidelines set forth the safety and soundness standards that the federal banking agencies use to identify and address problems at insured depository institutions before capital becomes impaired.

Regulatory Examination

All insured institutions must undergo regular on-site examinations by their appropriate banking agency. The cost of examinations of insured depository institutions and any affiliates may be assessed by the appropriate banking agency against each institution or affiliate, as it deems necessary or appropriate. Insured institutions are required to submit annual reports to the Federal Deposit Insurance Corporation (“FDIC”), their federal regulatory agency, and state supervisor when applicable.

The federal banking regulatory agencies prescribe, by regulation, standards for all insured depository institutions and depository institution holding companies relating to, among other things, the following:

- Internal controls
- Information systems and audit systems
- Loan documentation
- Credit underwriting
- Interest rate risk exposure
- Asset quality
- Liquidity
- Capital adequacy
- Bank Secrecy Act
- Sensitivity to market risk

Transactions with Affiliates and Insiders

We are subject to certain restrictions on extensions of credit to executive officers, directors, certain principal shareholders, and their related interests. Such extensions of credit must be made on substantially the same terms, including interest rates, and collateral, as those prevailing at the time for comparable transactions with third parties and must not involve more than the normal risk of repayment or present other unfavorable features.

Dividends

The Company's principal source of cash flow, including cash flow to pay dividends to its shareholders, is dividends it receives from the Bank. Statutory and regulatory limitations apply to the Bank's payment of dividends to the Company. As a general rule, the amount of a dividend may not exceed, without prior regulatory approval, the sum of net income in the calendar year to date and the retained net earnings of the immediately preceding two calendar years. A depository institution may not pay any dividend if payment would cause the institution to become undercapitalized or if it already is undercapitalized.

Consumer Protection Regulations

Activities of the Bank are subject to a variety of statutes and regulations designed to protect consumers. Interest and other charges collected by the Bank are subject to state usury laws and federal laws concerning interest rates. Our loan operations are also subject to federal laws applicable to credit transactions, such as:

The federal Truth-In-Lending Act, which governs disclosures of credit terms to consumer borrowers
The Home Mortgage Disclosure Act of 1975, which requires financial institutions to provide information to enable the public and public officials to determine whether a financial institution is fulfilling its obligation to help meet the housing needs of the community it serves
The Fair Lending Act, which requires fair, equitable, and nondiscriminatory access to credit for consumers
The Equal Credit Opportunity Act, prohibiting discrimination on the basis of race, creed or other prohibited factors in extending credit
The Fair Credit Reporting Act of 1978, which governs the use and provision of information to credit reporting agencies
The Fair Debt Collection Act, which governs the manner in which consumer debt may be collected by collection agencies
The rules and regulations of the various federal agencies charged with the responsibility of implementing such federal laws.

The deposit operations of the Bank also are subject to:

The Right to Financial Privacy Act, which imposes a duty to maintain confidentiality of consumer financial records and prescribes procedures for complying with administrative subpoenas of financial records

The Electronic Funds Transfer Act and the Federal Reserve Board issued Regulation E to implement the act, which governs automatic deposits to and withdrawals from deposit and customer's rights and liabilities arising from the use of automated teller machines and other electronic banking services

Regulation DD, which implements the Truth in Savings Act to enable consumers to make informed decisions about deposit accounts at depository institutions.

Enforcement Powers

The Company is subject to supervision and examination by the Federal Reserve and the South Carolina State Board of Financial Institutions. The Bank is subject to extensive federal and state regulations that significantly affect business and activities. These regulatory bodies have broad authority to implement standards and to initiate proceedings designed to prohibit depository institutions from engaging in activities that represent unsafe or unsound banking practices or constitute violations of applicable laws, rules, regulations, administrative orders, or written agreements with regulators. These regulatory bodies are authorized to take action against institutions that fail to meet such standards, including the assessment of civil monetary penalties, the issuance of cease-and-desist orders, and other actions.

Bank Secrecy Act/Anti-Money Laundering

We are subject to the Bank Secrecy Act and other anti-money laundering laws and regulations, including the USA Patriot Act of 2001 ("USA Patriot Act"). We must maintain a Bank Secrecy Act Program that includes established internal policies, procedures, and controls; a designated compliance officer; an ongoing employee-training program; and testing of the program by an independent audit function. The enactment of the USA Patriot Act amended and expanded the focus of the Bank Secrecy Act to facilitate information sharing among governmental entities and the Company for the purpose of combating terrorism and money laundering. It improves anti-money laundering and financial transparency laws, information collection tools and the enforcement mechanics for the U.S. government. These provisions include (a) standards for verifying customer identification at account opening; (b) rules to promote cooperation among financial institutions, regulators, and law enforcement entities in identifying parties that may be involved in terrorism or money laundering; (c) reports by nonfinancial trades and businesses filed with the U.S. Treasury's Financial Crimes Enforcement Network for transactions exceeding \$10,000; (d) suspicious activities reports by brokers and dealers if they believe a customer may be violating U.S. laws; and (e) regulations and enhanced due diligence requirements for financial institutions that administer, maintain, or manage private bank accounts or correspondent accounts for non-U.S. persons.

Similar in purpose to the Bank Secrecy Act, the Office of Foreign Assets Control (“OFAC”), a division of the U.S. Department of Treasury, controls and imposes economic and trade sanctions based on U.S. foreign policy and national security goals against targeted countries and individuals based on threats to foreign policy, national security, or the U.S. economy. OFAC has and will send banking regulatory agencies lists of names of individuals and organizations suspected of aiding, concealing, or engaging in terrorist acts. Among other things, the Bank must block transactions with or accounts of sanctioned persons and report those transactions after their occurrence.

Bank regulators routinely examine institutions for compliance with these obligations and are required to consider compliance in connection with the regulatory review of applications.

Privacy and Credit Reporting

In connection with our lending activities, we are subject to a number of federal laws designed to protect borrowers and promote lending to various sectors of the economy and population. These include the Equal Credit Opportunity Act, the Truth-in-Lending Act, the Home Mortgage Disclosure Act, the Real Estate Settlement Procedures Act, and the Community Reinvestment Act (the “CRA”). The CRA requires the appropriate federal banking agency, in connection with its examination of a bank, to assess the bank’s record in meeting the credit needs of the communities served by the bank, including low and moderate income neighborhoods. Under the CRA, institutions are assigned a rating of “outstanding,” “satisfactory,” “needs to improve,” or “substantial non-compliance.” In addition, federal banking regulators, pursuant to the Gramm-Leach-Bliley Act, have enacted regulations limiting the ability of banks and other financial institutions to disclose nonpublic consumer information to non-affiliated third parties. The regulations require disclosure of privacy policies and allow consumers to prevent certain personal information from being shared with nonaffiliated third parties.

Item 1A. Risk Factors

Under the filer category of “smaller reporting company”, as defined in Rule 12b-2 of the Exchange Act, the Company is not required to provide information requested by Part I, Item 1A of its Form 10-K.

Item 1B. Unresolved Staff Comments

None.

Item 2. Properties

The Company's headquarters is located at 256 Meeting Street in downtown Charleston, South Carolina. This site is also the location of the main office of the Bank. The Bank also operates from three additional locations: 100 North Main Street, Summerville, SC; 1337 Chuck Dawley Boulevard, Mount Pleasant, SC; and 2027 Sam Rittenberg Boulevard, Charleston, SC. The Bank's mortgage department is located at 1071 Morrison Drive, Charleston, SC. A fifth office at 9403 Highway 78 in North Charleston, SC is under construction and will open in 2019. The Company owns the 2027 Sam Rittenberg Boulevard location, which houses the Operations Department of the Bank as well as operating as a banking office. The Company leases all other locations. The owned location is not encumbered and all of the leases have renewal options. Each banking location is suitable and adequate for banking operations.

Item 3. Legal Proceedings

In our opinion, there are no legal proceedings pending other than routine litigation incidental to the Company's business involving amounts that are not material to our financial condition.

Item 4. Mine Safety Disclosures

Not applicable.

PART II**Item 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities**

At December 31, 2018, there were 5,777,474 shares issued and 5,510,917 shares outstanding of the 12,000,000 authorized shares of common stock of the Company. Our common stock is traded on the NASDAQ under the trading symbol "BKSC".

Information regarding the historical market prices of our common stock and dividends declared on that stock is shown below.

	High	Low	Dividends
2018			
Quarter ended March 31, 2018	\$21.45	\$18.90	\$ 0.15
Quarter ended June 30, 2018	\$21.90	\$17.55	\$ 0.15
Quarter ended September 30, 2018	\$21.15	\$19.50	\$ 0.25
Quarter ended December 31, 2018	\$20.90	\$17.89	\$ 0.15
2017			
Quarter ended March 31, 2017	\$21.85	\$19.28	\$ 0.14
Quarter ended June 30, 2017	\$21.15	\$18.80	\$ 0.14
Quarter ended September 30, 2017	\$19.95	\$17.47	\$ 0.15
Quarter ended December 31, 2017	\$19.35	\$18.00	\$ 0.15
2016			
Quarter ended March 31, 2016	\$16.75	\$14.91	\$ 0.13
Quarter ended June 30, 2016	\$16.25	\$15.51	\$ 0.13
Quarter ended September 30, 2016	\$18.63	\$15.95	\$ 0.14
Quarter ended December 31, 2016	\$23.47	\$18.39	\$ 0.14

The future payment of cash dividends is subject to the discretion of the Board of Directors and depends upon a number of factors, including future earnings, financial condition, cash requirements, and general business conditions. Cash dividends, when declared, are paid by the Bank to the Company for distribution to shareholders of the Company. Certain regulatory requirements restrict the amount of dividends that the Bank can pay to the Company.

At our December 1995 Board Meeting, the Board of Directors authorized the repurchase of up to 140,918 shares of its common stock on the open market. At our October 1999 Board Meeting, the Board of Directors authorized the repurchase of up to 45,752 shares of its common stock on the open market and again at our September 2001 Board meeting, the Board of Directors authorized the repurchase of up to 54,903 shares of its common stock on the open market. As of the date of this report, the Company owns 266,557 shares, adjusted for five 10% stock dividends and a 25% stock dividend. At the Annual Meeting in April 2007, the shareholders voted to increase the number of authorized shares from 6,000,000 to 12,000,000.

As of February 14, 2019, there were approximately 1,853 shareholders of record with shares held by individuals and in nominee names. The market price for our common stock as of February 14, 2019, was \$18.51. As of February 14, 2019, there were 5,780,862 shares of common stock issued and 5,514,305 shares of common stock outstanding.

THE BANK OF SOUTH CAROLINA EMPLOYEE STOCK OWNERSHIP PLAN AND TRUST

During 1989, the Board of Directors of the Bank adopted an Employee Stock Ownership Plan and Trust Agreement (“ESOP”) to provide retirement benefits to eligible employees of the Bank for long and faithful service. An amendment and restatement was made to the ESOP effective January 1, 2007 and approved by the Board of Directors January 18, 2007. Periodically, the Internal Revenue Service (“IRS”) requires a restatement of a qualified retirement plan to ensure that the plan document includes provisions required by legislative and regulatory changes made since the last restatement. There have been no substantive changes to the plan; however, to comply with the IRS rules, the Board of Directors approved a restated plan on January 26, 2012 (incorporated as Exhibit 10.5 in the 2011 10-K) and submitted the plan to the IRS for approval. The IRS issued a determination letter on September 26, 2013, stating that the plan satisfied the requirements of Code Section 4975 (e) (7). On January 26, 2017, the Board of Directors approved a restated plan (incorporated as Exhibit 10.6 in the 2016 10-K). The restated Plan was submitted to the IRS for approval and a determination letter was issued November 17, 2017, stating that the plan satisfies the requirements of Code Section 4975 (e) (7).

The Board of Directors of the Bank approved a cash contribution of \$420,000 to the ESOP for the fiscal year ended December 31, 2018. The Board of Directors of the Bank approved cash contributions of \$375,000 and \$345,000 for the fiscal years ended December 31, 2017 and 2016, respectively. The contributions were made during the respective fiscal years.

An employee of the Bank who is not a member of an ineligible class of employees is eligible to participate in the plan upon reaching 21 years of age and being credited with one year of service (1,000 hours of service). All employees are eligible employees except for the following ineligible classes of employees:

Employees whose employment is governed by a collective bargaining agreement between employee representatives and the Company in which retirement benefits were the subject of good faith bargaining unless the collective bargaining agreement expressly provides for the inclusion of such employees in the plan

Employees who are non-resident aliens who do not receive earned income from the Company which constitutes income from sources within the United States

Any person who becomes an employee as the result of certain asset or stock acquisitions, mergers, or similar transactions (but only during a transitional period)

Certain leased employees

Employees who are employed by an affiliated company that does not adopt the plan

Any person who is deemed by the Company to be an independent contractor on his or her employment commencement date and on the first day of each subsequent plan year, even if such person is later determined by a court or a governmental agency to be or to have been an employee.

The employee may enter the Plan on the January 1st that occurs nearest the date on which the employee first satisfies the age and service requirements described above. No contributions by employees are permitted. The amount and time of contributions are at the sole discretion of the Board of Directors of the Bank. The contribution for all participants is based solely on each participant's respective regular or base salary and wages paid by the Bank including commissions, bonuses and overtime, if any.

A participant becomes vested in the ESOP based upon the employee's credited years of service. The vesting schedule is as follows:

1 Year of Service	0% Vested
2 Years of Service	25% Vested
3 Years of Service	50% Vested
4 Years of Service	75% Vested
5 Years of Service	100% Vested

The Bank is the Plan Administrator. Eugene H. Walpole, IV, Fleetwood S. Hassell, Sheryl G. Sharry and Douglas H. Sass, currently serve as the Plan Administrative Committee and Trustees for the Plan. At December 31, 2018, the Plan owned 308,613 shares of common stock of the Company.

THE BANK OF SOUTH CAROLINA STOCK INCENTIVE PLAN

We have a Stock Incentive Plan, which was approved in 1998, with 180,000 (329,422 adjusted for four 10% stock dividends, and a 25% stock dividend) shares reserved, and a Stock Incentive Plan, which was approved in 2010, with 300,000 (363,000 adjusted for two 10% stock dividends) shares reserved. Under both plans, options are periodically granted to employees at a price not less than the fair market value of the shares at the date of grant. Participating employees become 20% vested after five years and then vest 20% each year until fully vested. The right to exercise each such 20% of the options is cumulative and will not expire until the tenth anniversary of the date of the grant. Employees are eligible to participate in this plan if the Executive/Long-Range Planning Committee, in its sole discretion, determines that an employee has contributed or can be expected to contribute to our profits or growth.

The fair value of each option award is estimated on the date of grant using a closed form option valuation (Black-Scholes) model. Expected volatilities are based on historical volatilities of our common stock. The expected term of the options granted will not exceed ten years from the date of grant (the amount of time options granted are expected to be outstanding). The risk-free interest rate for the expected term of the option is based on the U.S. Treasury yield curve in effect at the time of the grant.

Item 6. Selected Financial Data

The following table sets forth certain selected financial information concerning the Company and its wholly-owned subsidiary. The information was derived from audited consolidated financial statements. The information should be read in conjunction with “Management’s Discussion and Analysis of Financial Condition and Results of Operations,” which follows, and the audited consolidated financial statements and notes, which are presented elsewhere in this report.

	2018	2017	2016	2015	2014
For December 31:					
Net income	\$6,922,934	\$4,901,825	\$5,247,063	\$4,884,288	\$4,398,820
Selected Year End Balances:					
Total assets	429,135,198	446,566,498	413,949,636	399,172,512	367,225,802
Total loans ⁽¹⁾	275,863,705	272,274,363	264,962,325	248,442,944	241,442,873
Investment securities available for sale	119,668,874	139,250,250	119,978,944	119,997,585	113,994,112
Interest-bearing deposits at the Federal Reserve	25,506,784	24,034,194	18,101,300	23,898,862	5,680,613
Earning assets	421,039,363	435,558,807	403,042,569	392,339,391	361,117,598
Total deposits	382,378,388	402,888,300	372,522,851	358,718,612	322,419,027
Total shareholders’ equity	45,462,561	42,764,635	40,612,974	39,151,712	36,759,982
Weighted average shares outstanding - basic	5,500,027	5,471,001	5,428,884	5,403,749	5,397,929
Weighted average shares outstanding - diluted	5,589,012	5,568,493	5,561,739	5,573,794	5,535,432
For the Year:					
Selected Average Balances:					
Total assets	430,495,412	428,174,359	410,581,560	379,527,104	358,774,284
Total loans ⁽¹⁾	277,223,600	264,881,222	265,151,258	243,729,630	232,281,473
Investment securities available for sale	123,347,669	130,161,937	110,762,289	110,633,399	99,488,314
Interest-bearing deposits at the Federal Reserve	20,151,823	23,558,893	26,474,258	17,549,903	19,588,597
Earning assets	420,723,092	418,602,052	402,387,805	371,912,932	351,358,384
Total deposits	386,025,147	384,524,305	367,822,900	337,969,217	319,131,466
Total shareholders’ equity	43,691,359	43,121,778	41,479,755	38,631,718	36,283,441
Performance Ratios:					
Return on average equity	15.85	% 11.37	% 12.65	% 12.64	% 12.12
Return on average assets	1.61	% 1.14	% 1.28	% 1.29	% 1.23
Average equity to average assets	10.15	% 10.07	% 10.10	% 10.18	% 10.11
Net interest margin	4.15	% 3.76	% 3.71	% 3.72	% 3.70

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Net (recoveries) charge-offs to average loans	(0.01)%	0.01	%	0.05	%	0.04	%	0.02	%
Allowance for loan losses as a percentage of total loans ⁽²⁾	1.53	%	1.43	%	1.48	%	1.41	%	1.42	%
Per Share:										
Basic income per common share ⁽³⁾	\$1.26		\$0.90		\$0.97		\$0.90		\$0.81	
Diluted income per common share ⁽³⁾	\$1.24		\$0.88		\$0.94		\$0.88		\$0.79	
Year end book value ⁽³⁾	\$8.25		\$7.79		\$7.45		\$7.24		\$7.49	
Dividends per common share	\$0.58		\$0.58		\$0.54		\$0.52		\$0.62	
Dividend payout ratio	54.68	%	58.87	%	50.86	%	49.94	%	62.88	%
Full time employee equivalents	79		77		74		81		77	

(1) Including mortgage loans to be sold.

(2) Excluding mortgage loans to be sold.

(3) Adjusted to retroactively reflect 10% stock dividend.

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

Management's discussion and analysis is included to assist the shareholder in understanding our financial condition, results of operations, and cash flow. This discussion should be reviewed in conjunction with the audited consolidated financial statements and accompanying notes presented in Item 8 of this report and the supplemental financial data appearing throughout this report. Since the primary asset of the Company is its wholly-owned subsidiary, most of the discussion and analysis relates to the Bank.

OVERVIEW

The Company is a bank holding company headquartered in Charleston, South Carolina, with \$429.1 million in assets as of December 31, 2018 and net income of \$6.9 million for the year ended December 31, 2018. The Company offers a broad range of financial services through its wholly owned subsidiary, the Bank. The Bank is a state-chartered commercial bank, which operates principally in the Charleston, Dorchester, and Berkeley counties of South Carolina. The Bank's original and current concept is to be a full service financial institution specializing in personal service, responsiveness, and attention to detail to foster long-standing relationships.

We derive most of our income from interest on loans and investment securities. The primary source of funding for making these loans and investment securities is our interest and non-interest-bearing deposits. Consequently, one of the key measures of our success is the amount of net interest income, or the difference between the income on our interest-earning assets, such as loans and investments, and the expense on our interest-bearing liabilities, such as deposits. Another key measure is the spread between the yield we earn on these interest-earning assets and the rate we pay on our interest-bearing liabilities.

A consequence of lending activities is that we may incur credit losses. The amount of such losses will vary depending upon the risk characteristics of the loan portfolio as affected by economic conditions such as rising interest rates and the financial performance of borrowers. The reserve for credit losses consists of the allowance for loan losses (the "allowance") and a reserve for unfunded commitments (the "unfunded reserve"). The allowance provides for probable and estimable losses inherent in our loan portfolio while the unfunded reserve provides for potential losses related to unfunded lending commitments. For a detailed discussion on the allowance for loan losses, see "Allowance for Loan Losses".

In addition to earning interest on loans and investment securities, we earn income through fees and other expenses we charge to the customer. The various components of other income and other expenses are described in the following

discussion. The discussion and analysis also identifies significant factors that have affected our financial position as of December 31, 2018 as compared to December 31, 2017 and our operating results for 2018 compared to 2017 and 2017 compared to 2016, and should be read in conjunction with the consolidated financial statements and the related notes included in this report. In addition, a number of tables have been included to assist in the discussion.

CRITICAL ACCOUNTING POLICIES

We have adopted various accounting policies that govern the application of accounting principles generally accepted in the United States (“GAAP”) and with general practices within the banking industry in the preparation of our consolidated financial statements. Our significant accounting policies are set forth in the notes to the consolidated financial statements of this report.

Certain accounting policies involve significant judgments and assumptions made by the Company that have a material impact on the carrying value of certain assets and liabilities. We consider these accounting policies to be critical accounting policies. The judgment and assumptions we use are based on factors that we believe to be reasonable under the circumstances. Because of the number of judgments and assumptions that we make, actual results could differ and have a material impact on the carrying values of our assets and liabilities and our results of operations.

We consider our policy regarding the allowance for loan losses to be our most subjective accounting policy due to the significant degree of judgment. We have developed what we believe to be appropriate policies and procedures for assessing the adequacy of the allowance for loan losses, recognizing that this process requires a number of assumptions and estimates with respect to our loan portfolio. Our assessments may be impacted in future periods by changes in economic conditions, the impact of regulatory examinations and the discovery of information with respect to borrowers, which were not known at the time of the issuance of the consolidated financial statements. For additional discussion concerning our allowance for loan losses and related matters, see “Allowance for Loan Losses”.

COMPARISON OF THE YEAR ENDED DECEMBER 31, 2018 TO DECEMBER 31, 2017

Net income increased \$2.0 million or 41.23% to \$6.9 million, or basic and diluted income per share of \$1.26 and \$1.24, respectively, for the year ended December 31, 2018 from \$4.9 million or basic and diluted income per share of \$0.90 and \$0.88, respectively, for the year ended December 31, 2017. The increase in net income was primarily due to improved margins resulting from a lower corporate tax rate due to the enactment of the Tax Cuts and Jobs Act and rising interest rates on interest-earning assets. Our returns on average assets and average equity for the year ended December 31, 2018 were 1.61% and 15.85%, respectively, compared with 1.14% and 11.37%, respectively, for the year ended December 31, 2017.

Net interest income increased \$1.7 million or 10.78% to \$17.4 million for the year ended December 31, 2018 from \$15.7 million for the year ended December 31, 2017. This increase was primarily due to increases in interest and fees on loans and investment securities. Interest and fees on loans increased \$1.8 million or 13.84% to \$15.1 million for the year ended December 31, 2018 from \$13.3 million for the year ended December 31, 2017, as the result of the increases in the Federal Funds target rate set by the Federal Reserve. Interest income on investment securities increased \$4,980 or 0.31% to \$2.6 million for the year ended December 31, 2018.

Average earning assets increased \$2.1 million or 0.51% to \$420.7 million for the year ended December 31, 2018 from \$418.6 million for the year ended December 31, 2017. This is primarily related to the increase in the average balance of loans offset by decreases in average investment securities and interest-bearing deposits at the Federal Reserve.

The provision to the allowance for loan losses for the year ended December 31, 2018 was \$325,000 compared to \$55,000 for the year ended December 31, 2017. The increase was primarily driven by the growth of our loan portfolio in accordance with our allowance for loan loss methodology. The Board of Directors determined that this provision was appropriate based upon the adequacy of our reserve. Charge-offs of \$115,887 and recoveries of \$129,820, together with the provision to the allowance, resulted in an allowance for loan losses of \$4,214,331 or 1.53% of total loans at December 31, 2018.

Other income decreased \$273,846 or 12.07% to \$2.0 million for the year ended December 31, 2018, from \$2.3 million for the year ended December 31, 2017. Our mortgage banking income decreased \$270,564 or 25.59% to \$786,893 for the year ended December 31, 2018 from \$1.1 million for the year ended December 31, 2017 due to decreased volume. We were also impacted by an increase in competition as new banks entered the market area. Mortgage banking income is highly influenced by mortgage interest rates and the housing market.

Other expense increased \$837,938 or 8.18% to \$11.1 million for the year ended December 31, 2018, from \$10.2 million for the year ended December 31, 2017. Salaries and employee benefits increased \$427,398 or 7.05% from \$6.1 million for the year ended December 31, 2017 to \$6.5 million for the year ended December 31, 2018. Other operating expenses increased \$435,726 to \$3.0 million during the year ended December 31, 2018 from \$2.5 million during the year ended December 31, 2017. This increase is directly related to the amortization expense of \$354,888 for our investment in a Federal Rehabilitation Tax Credit.

For the year ended December 31, 2018, the Company's effective tax rate was 13.81% compared to 36.48% during the year ended December 31, 2017. The decrease in the effective tax rate is directly related to the income tax expense recorded due to the revaluation of the deferred tax asset in 2017, as well as our investment in a Federal Rehabilitation Tax Credit in 2018. As a result of the enactment of the Tax Cuts and Jobs Act, which changed the corporate tax rate to 21% from 34%, the deferred tax asset was revalued on December 22, 2017. This revaluation resulted in additional income tax expense of \$666,674 in 2017.

COMPARISON OF THE YEAR ENDED DECEMBER 31, 2017 TO DECEMBER 31, 2016

Net income decreased \$345,238 or 6.58% to \$4.9 million, or basic and diluted income per share of \$0.90 and \$0.88, respectively for the year ended December 31, 2017 from \$5.2 million or basic and diluted income per share of \$0.97 and \$0.94, respectively for the year ended December 31, 2016. The decrease in net income was primarily due to the enactment of the Tax Cuts and Jobs Act on December 22, 2017 and the related revaluation of the deferred tax asset. Deferred tax assets and liabilities must be adjusted to legislation based on the enactment date not the effective date; therefore, the deferred tax asset was revalued at a corporate tax rate of 21% instead of 34% in accordance with GAAP at December 22, 2017. This revaluation resulted in additional income tax expense of \$666,674. Our returns on average assets and average equity for the year ended December 31, 2017 were 1.14% and 11.37%, respectively, compared with 1.28% and 12.65%, respectively, for the year ended December 31, 2016.

Net interest income increased \$828,427 or 5.55% to \$15.7 million for the year ended December 31, 2017 from \$14.9 million for the year ended December 31, 2016. This increase was primarily due to increases in interest and fees on loans and investment securities. Interest and fees on loans increased \$435,418 or 3.89% to \$13.3 million for the year ended December 31, 2017 from \$12.9 million for the year ended December 31, 2016, as the result of the increases in the Federal Funds rate set by the Federal Reserve. Interest income on investment securities increased \$306,944 or 13.32% to \$2.6 million for the year ended December 31, 2017 from \$2.3 million for the year ended December 31, 2016 a result of the increase in the average balance of investment securities from \$110.8 million for the year ended December 31, 2016 to \$130.2 million for the year ended December 31, 2017.

Average earning assets increased \$16.2 million or 4.03% to \$418.6 million for the year ended December 31, 2017 from \$402.4 million for the year ended December 31, 2016. This is primarily related to the increase in the average balance of investment securities as stated in the previous paragraph.

The provision to the allowance for loan losses for the year ended December 31, 2017 was \$55,000 compared to \$570,000 for the year ended December 31, 2016. The decrease was primarily a result of slower loan growth in the first three quarters of the year and lower net charge-offs. The Board of Directors determined that this provision was appropriate based upon the adequacy of our reserve and the anticipation of continued loan growth and an improving economy. Charge-offs of \$185,449 and recoveries of \$154,230, together with the provision to the allowance, resulted in an allowance for loan losses of \$3.9 million or 1.43% of total loans at December 31, 2017.

Other income decreased \$592,612 or 20.71% to \$2.3 million for the year ended December 31, 2017. Our mortgage banking income decreased \$330,283 or 23.80% to \$1.1 million for the year ended December 31, 2017 from \$1.4 million for the year ended December 31, 2016 due to decreased volume. We were also impacted by an increase in competition as new banks enter the market area. Mortgage banking income is highly influenced by mortgage interest rates and the housing market. Mortgage loan originations decreased \$20.2 million or 26.62% to \$55.8 million for the year ended December 31, 2017 from \$76.0 million for the year ended December 31, 2016. We also had gains of \$380,904 on the sales of investment securities during the year ended December 31, 2016 compared to gains of \$45,820 during the year ended December 31, 2017, a decrease of \$335,084 or 87.97%. The decrease in gains was due to the little difference between short-term and long-term rates for bonds of the same credit quality in the current market.

Other expense decreased \$30,148 or 0.29% to \$10.2 million for the year ended December 31, 2017, from \$10.3 million for the year ended December 31, 2016. Salaries and employee benefits decreased \$27,098 or 0.45% from \$6.1 million for the year ended December 31, 2016 to \$6.1 million for the year ended December 31, 2017. Other operating expenses decreased \$122,039 to \$2.5 million during the year ended December 31, 2017 from \$2.6 million during the year ended December 31, 2016. This decrease was primarily attributable to a decrease in state and FDIC insurance and fees. Our net occupancy expense increased \$43,028 or 2.82% to \$1.6 million for the year ended December 31, 2017, from \$1.5 million for the year ended December 31, 2016. Our net occupancy expense includes rent and insurance on our banking locations as well as the cost of repairs and maintenance on these facilities. Occupancy expense increased primarily due to annual rent increases at our Meeting Street and Summerville banking locations as well as an increase in insurance on banking locations, offset by a decrease in the cost of maintenance and repairs and depreciation on furniture, fixtures and equipment.

For the year ended December 31, 2017, the Company's effective tax rate was 36.48% compared to 24.34% during the year ended December 31, 2016. The increase in the effective tax rate is directly related to the income tax expense recorded due to the revaluation of the deferred tax asset. As a result of the enactment of the Tax Cuts and Jobs Act changing the corporate tax rate to 21% from 34%, the deferred tax asset was revalued on December 22, 2017. This revaluation resulted in additional income tax expense of \$666,674.

ASSET AND LIABILITY MANAGEMENT

We manage our assets and liabilities to ensure there is sufficient liquidity to enable management to fund deposit withdrawals, loan demand, capital expenditures, reserve requirements, operating expenses, and dividends; and to manage daily operations on an ongoing basis. Funds are primarily provided by the Bank through customer deposits, principal and interest payments on loans, mortgage loan sales, the sale or maturity of securities, temporary investments and earnings. The Asset Liability/Investment Committee ("ALCO") manages asset and liability procedures though the ultimate responsibility rests with the President/Chief Executive Officer. At December 31, 2018, total assets decreased 3.90% to \$429.1 million from \$446.6 million as of December 31, 2017 and total deposits decreased 5.09% to \$382.4 million from \$402.9 million as of December 31, 2017.

As of December 31, 2018, earning assets, which are composed of U.S. Treasury, Government Sponsored Enterprises and Municipal Securities in the amount of \$119.7 million, interest-bearing deposits at the Federal Reserve in the amount of \$25.5 million and total loans, including mortgage loans held for sale, in the amount of \$275.9 million, constituted approximately 98.11% of our total assets.

The yield on a majority of our earning assets adjusts in tandem with changes in the general level of interest rates. Some of the Company's liabilities are issued with fixed terms and can be repriced only at maturity.

MARKET RISK

Market risk is the risk of loss from adverse changes in market prices and interest rates. Our risk consists primarily of interest rate risk in our lending and investing activities as they relate to the funding by deposit and borrowing activities.

Our policy is to minimize interest rate risk between interest-earning assets and interest-bearing liabilities at various maturities and to attempt to maintain an asset sensitive position over a six-month period. By adhering to this policy, we anticipate that our net interest margins will not be materially affected, unless there is an extraordinary and or precipitous change in interest rates. The average net interest rate margin for 2018 increased to 4.15% from 3.76% for 2017. The average net interest margin for 2017 increased to 3.76% from 3.71% for 2016. At December 31, 2018 and 2017, our net cumulative gap was liability sensitive for periods less than one year and asset sensitive for periods of one year or more. The reason for the shift in sensitivity is the direct result of management's strategic decision to invest excess funds held at the Federal Reserve into fixed rate investment securities that match our investment policy objectives. Management is aware of this departure from policy and will continue to closely monitor our sensitivity position going forward.

Since the rates on most of our interest-bearing liabilities can vary on a daily basis, we continue to maintain a loan portfolio priced predominately on a variable rate basis. However, in an effort to protect future earnings in a declining rate environment, we offer certain fixed rates, interest rate floors, and terms primarily associated with real estate transactions. We seek stable, long-term deposit relationships to fund our loan portfolio. Furthermore, we do not have any brokered deposits or internet deposits.

At December 31, 2018, the average maturity of the investment portfolio was 3.69 years with an average yield of 2.08% compared to 3.90 years with an average yield of 2.04% at December 31, 2017.

We do not take foreign exchange or commodity risks. In addition, we do not own mortgage-backed securities nor do we have any exposure to the sub-prime market or any other distressed debt instruments.

The following table summarizes our interest sensitivity position as of December 31, 2018.

	One Day	Less than three months	Three months to less than six months	Six months to less than one year	One year to less than five years	Five years or more	Total	Estimated Fair Value
Interest-earning assets								
<i>(in thousands)</i>								
Loans ⁽¹⁾	\$ 137,630	\$ 12,605	\$ 16,434	\$ 23,337	\$ 84,806	\$ 1,051	\$ 275,863	\$ 263,781
Investment securities available for sale ⁽²⁾	—	560	3,283	403	99,753	17,919	121,918	119,669
Interest-bearing deposits at the Federal Reserve	25,507	—	—	—	—	—	25,507	25,507
Total	\$ 163,137	\$ 13,165	\$ 19,717	\$ 23,740	\$ 184,559	\$ 18,970	\$ 423,288	\$ 408,957
Interest-bearing liabilities								
<i>(in thousands)</i>								
CD's and other time deposits less than \$250,000	\$—	\$ 6,851	\$ 5,034	\$ 6,025	\$ 2,149	\$ —	\$ 20,059	\$ 24,841
CD's and other time deposits \$250,000 and over	—	9,161	1,605	3,644	—	—	14,410	13,907
Money market and interest-bearing demand accounts	181,508	—	—	—	—	—	181,508	181,508
Savings	35,461	—	—	—	—	—	35,461	35,461
Total	\$ 216,969	\$ 16,012	\$ 6,639	\$ 9,669	\$ 2,149	\$ —	\$ 251,438	\$ 255,717
Net Cumulative	\$(53,832)	\$(2,847)	\$ 13,078	\$ 14,071	\$ 182,410	\$ 18,970	\$ 171,850	
		\$ (56,679)	\$ (43,601)	\$ (29,530)	\$ 152,880	\$ 171,850		

(1) Including mortgage loans to be sold and deferred fees.

(2) At amortized cost.

LIQUIDITY

Historically, we have maintained our liquidity at levels believed by management to be adequate to meet requirements of normal operations, potential deposit outflows and strong loan demand and still allow for optimal investment of funds and return on assets.

The following table summarizes future contractual obligations as of December 31, 2018.

	Payment Due by Period			
	Total	Less than one year	One to five years	After five years
Contractual Obligations				
<i>(in thousands)</i>				
Time deposits	\$34,469	\$32,320	\$2,149	\$—
Operating leases	10,992	619	2,358	8,014
Total contractual cash obligations	\$45,461	\$32,939	\$4,507	\$8,014

Proper liquidity management is crucial to ensure that we are able to take advantage of new business opportunities as well as meet the credit needs of our existing customers. Investment securities are an important tool in our liquidity management. Our primary liquid assets are cash and due from banks, investments available for sale, interest-bearing deposits at the Federal Reserve, and mortgage loans held for sale. Our primary liquid assets accounted for 35.58% and 38.93% of total assets at December 31, 2018 and 2017, respectively. Investment securities classified as available for sale, which are not pledged, may be sold in response to changes in interest rates and liquidity needs. All of the investment securities presently owned are classified as available for sale. Net cash provided by operations and deposits from customers have been the primary sources of liquidity. At December 31, 2018, we had unused short-term lines of credit totaling approximately \$23.0 million (which can be withdrawn at the lender's option). Additional sources of funds available to us for liquidity include increasing deposits by raising interest rates paid and selling mortgage loans held for sale. We also established a Borrower-In-Custody arrangement with the Federal Reserve. This arrangement permits us to retain possession of assets pledged as collateral to secure advances from the Federal Reserve Discount Window. At December 31, 2018, we could borrow up to \$79.3 million. There have been no borrowings under this arrangement.

Our core deposits consist of non-interest bearing demand accounts, NOW accounts, money market accounts, time deposits and savings accounts. We closely monitor our reliance on certificates of deposit greater than \$250,000 and other large deposits. We maintain a Contingency Funding Plan ("CFP") that identifies liquidity needs and weighs alternate courses of action designed to address these needs in emergency situations. We perform a quarterly cash flow analysis and stress test the CFP to evaluate the expected funding needs and funding capacity during a liquidity stress event. We believe our liquidity sources are adequate to meet our operating needs and do not know of any trends, events or uncertainties that may result in a significant adverse effect on our liquidity position. At December 31, 2018 and 2017, our liquidity ratio was 34.27% and 37.68%, respectively.

Average earning assets increased by \$2.1 million from 2017 to 2018. This increase was primarily due to a \$12.3 million increase in average loans which was offset by a \$6.8 million decrease in investment securities available for sale and a \$3.4 million decrease in average interest-bearing deposits at the Federal Reserve. Throughout the year, the Bank bought investment securities when liquidity was greater than needed and loan demand was stable to improve the yield earned on our investment securities portfolio.

The following table shows the composition of average assets over the past five fiscal years.

	2018	2017	2016	2015	2014
Loans ⁽¹⁾	\$ 277,223,600	\$264,881,222	\$265,151,258	\$243,729,630	\$232,281,473
Investment securities available for sale	123,347,669	130,161,937	110,762,289	110,633,399	99,488,314
Interest-bearing deposits at the Federal Reserve	20,151,823	23,558,893	26,474,258	17,549,903	19,588,597
Non-earning assets	9,772,320	9,572,307	8,193,755	7,614,172	7,415,900
Total average assets	\$ 430,495,412	\$428,174,359	\$410,581,560	\$379,527,104	\$358,774,284

(1) Including mortgage loans to be sold and deferred fees.

ANALYSIS OF CHANGES IN NET INTEREST INCOME

The following table shows changes in interest income and expense based upon changes in volume and changes in rates.

	2018 vs. 2017			2017 vs. 2016			2016 vs. 2015		
	Volume	Rate	Net Dollar Change ⁽¹⁾	Volume	Rate	Net Dollar Change ⁽¹⁾	Volume	Rate	Net Dollar Change ⁽¹⁾
Loans ⁽²⁾	\$619,462	\$1,219,536	\$1,838,998	\$(12,868)	\$448,286	\$435,418	\$1,038,280	\$18,317	\$1,056,597
Investment securities available for sale	(133,820)	138,800	4,980	390,667	(83,722)	306,945	2,780	(86,785)	(84,005)
Interest-bearing deposits at the Federal Reserve	(38,839)	162,625	123,786	(16,770)	147,957	131,187	31,025	62,032	93,057
Interest income	\$446,803	\$1,520,961	\$1,967,764	\$361,029	\$512,521	\$873,550	\$1,072,085	\$(6,436)	\$1,065,649
Interest-bearing transaction accounts	\$(1,334)	\$214,584	\$213,250	\$12,863	\$(2,853)	\$10,010	\$28,628	\$1,050	\$29,678
Savings	1,355	40,614	41,969	6,097	(340)	5,757	3,061	295	3,356
Time deposits	(11,973)	27,277	15,304	(14,974)	44,330	29,356	(50,051)	(6,638)	(56,689)
Interest expense	\$(11,952)	\$282,475	\$270,523	\$3,986	\$41,137	\$45,123	\$(18,362)	\$(5,293)	\$(23,655)
Increase in net interest income			\$1,697,241			\$828,427			\$1,089,304

(1) Volume/Rate changes have been allocated to each category based on the percentage of each to the total change.

(2) Including mortgage loans to be sold.

YIELDS ON AVERAGE EARNING ASSETS AND RATES ON AVERAGE INTEREST-BEARING LIABILITIES

The following table shows the yields on average earning assets and average interest-bearing liabilities.

	2018			2017			2016		
	Average Balance	Interest Paid/Earned	Average Yield/Rate ⁽¹⁾	Average Balance	Interest Paid/Earned	Average Yield/Rate ⁽¹⁾	Average Balance	Interest Paid/Earned	
Interest-earning assets									
Loans ⁽²⁾	\$277,223,600	\$15,126,316	5.46%	\$264,881,222	\$13,287,318	5.02%	\$265,151,258	\$12,851,900	
Investment Securities Available for Sale	123,347,669	2,616,998	2.12%	130,161,937	2,612,018	2.01%	110,762,289	2,305,074	
Federal Funds Sold & Interest-bearing deposits	20,151,823	393,597	1.95%	23,558,893	269,811	1.15%	26,474,258	138,623	
Total earning assets	\$420,723,092	\$18,136,911	4.31%	\$418,602,052	\$16,169,147	3.86%	\$402,387,805	\$15,295,597	
Interest-bearing liabilities									
Interest-bearing transaction accounts	\$176,796,964	\$387,552	0.22%	\$178,146,123	\$174,302	0.10%	\$167,534,974	\$164,293	
Savings	34,857,035	81,997	0.24%	33,694,318	40,028	0.12%	28,687,719	34,271	
Time deposits	41,325,783	224,837	0.54%	44,097,537	209,533	0.48%	47,930,721	180,176	
Total interest-bearing liabilities	\$252,979,782	\$694,386	0.27%	\$255,937,978	\$423,863	0.17%	\$244,153,414	\$378,740	
Net interest spread			4.04%			3.69%			
Net interest margin			4.15%			3.76%			
Net interest income		\$17,442,525			\$15,745,284			\$14,916,857	

(1)The effect of forgone interest income as a result of non-accrual loans was not considered in the above analysis.

(2) Average loan balances include non-accrual loans and mortgage loans to be sold.

INVESTMENT PORTFOLIO

The following tables summarize the carrying value of investment securities as of the indicated dates and the weighted-average yields of those securities at December 31, 2018.

<i>(in thousands)</i>	Amortized Cost Due				Total	Estimated Fair Value
	Within One Year	After One Year through Five Years	After Five Years through Ten Years	After Ten Years		
U.S. Treasury Notes	\$—	\$32,966	\$—	\$—	\$32,966	\$32,357
Government-Sponsored Enterprises	—	55,692	4,993	—	60,685	59,369
Municipal securities	4,246	11,096	12,511	415	28,268	27,943
Total	\$4,246	\$99,754	\$17,504	\$415	\$121,919	\$119,669
Weighted average yields						
U.S. Treasury Notes	—	% 1.87	% —	% —	%	
Government-Sponsored Enterprises	—	% 1.98	% 2.38	% —	%	
Municipal securities	2.42	% 2.54	% 2.32	% 1.65	%	
Total	2.42	% 2.31	% 2.32	% 1.65	% 2.08	%

The following tables present the amortized cost and estimated fair value of investment securities for the past three years.

<u>December 31, 2018</u>	Amortized Cost	Estimated Fair Value
(in thousands)		
U.S. Treasury Notes	\$ 32,966	\$ 32,357
Government-Sponsored Enterprises	60,685	59,369
Municipal Securities	28,268	27,943
Total	\$ 121,919	\$ 119,669

<u>December 31, 2017</u>	Amortized Cost	Estimated Fair Value
(in thousands)		
U.S. Treasury Notes	\$ 35,971	\$ 35,560
Government-Sponsored Enterprises	64,444	63,556
Municipal Securities	40,192	40,134
Total	\$ 140,607	\$ 139,250

<u>December 31, 2016</u>	Amortized Cost	Estimated Fair Value
(in thousands)		
U.S. Treasury Notes	\$ 24,148	\$ 23,939
Government-Sponsored Enterprises	51,738	51,034
Municipal Securities	45,057	45,006
Total	\$ 120,943	\$ 119,979

As of December 31, 2018, we had seven U.S. Treasury Notes with an unrealized loss of \$609,059 compared to eight U.S. Treasury Notes with an unrealized loss of \$411,145 at December 31, 2017. At December 31, 2018, we had 13 Government-Sponsored Enterprises with an unrealized loss of \$1.3 million compared to 15 Government-Sponsored Enterprises with an unrealized loss of \$887,811 at December 31, 2017. At December 31, 2018, we had 33 Municipal Securities with an unrealized loss of \$437,941 compared to 49 Municipal Securities with an unrealized loss of \$545,146 at December 31, 2017. The unrealized losses on these securities are related to the increasing interest rate environment. The contractual terms of these investments do not permit the issuer to settle the securities at a price less than the amortized cost of the investment. Therefore, these investments are not considered other-than-temporarily impaired. We have the ability to hold these investments until market price recovery or maturity.

The primary purpose of the investment portfolio is to fund loan demand, manage fluctuations in deposits and liquidity, satisfy pledging requirements and generate a favorable return on investment. In doing these things, our main objective

is to adhere to sound investment practices. To that end, all purchases and sales of investment securities are made through reputable securities dealers that have been approved by the Board of Directors. The Board of Directors of the Bank reviews the entire investment portfolio at each regular monthly meeting, including any purchases, sales, calls, and maturities during the previous month. Furthermore, the Credit Department conducts a financial underwriting assessment of all municipal securities and their corresponding municipalities annually and management reviews the assessments.

LOAN PORTFOLIO COMPOSITION

We focus our lending activities on small and middle market businesses, professionals and individuals in our geographic market. At December 31, 2018, outstanding loans (including deferred loan fees of \$156,309) totaled \$274.7 million, which equaled 71.83% of total deposits and 64.00% of total assets.

The following is a schedule of our loan portfolio, excluding both mortgage loans to be sold and deferred loan fees, as of December 31, 2018, compared to the prior four years.

(in thousands)	Book Value of Loans as of December 31,				
	2018	2017	2016	2015	2014
Commercial	\$54,829	\$51,723	\$52,262	\$50,938	\$49,900
Commercial real estate construction	7,304	2,318	1,209	1,005	1,512
Commercial real estate other	143,703	140,187	122,968	115,736	115,740
Consumer real estate	63,787	70,798	77,132	69,777	62,055
Consumer other	5,040	5,155	7,005	5,166	4,911
Total loans	\$274,664	\$270,181	\$260,576	\$242,622	\$234,118

We had no foreign loans or loans to fund leveraged buyouts at any time during the years ended December 31, 2014 through December 31, 2018.

The following table presents the contractual terms to maturity for loans outstanding at December 31, 2018. Demand loans, loans having no stated schedule of repayment or stated maturity, and overdrafts are reported as due in one year or less. The table does not include an estimate of prepayments, which can significantly affect the average life of loans and may cause our actual principal experience to differ from that shown.

<i>(in thousands)</i> Classification	Selected Loan Maturity as of December 31, 2018			Total
	One Year or Less	Over One Year but Less Than 5 years	Over 5 Years	
Commercial	\$29,749	\$23,403	\$1,678	\$54,829
Commercial real estate construction	1,374	5,930	—	7,304
Commercial real estate other	46,797	81,555	15,352	143,703
Consumer real estate	17,926	6,458	39,404	63,787
Consumer other	1,883	3,087	69	5,040
Total loans	\$97,729	\$120,433	\$56,503	\$274,664
Loans maturing after one year with:				
Fixed interest rates				\$85,745
Floating interest rates				—
Total				\$85,745

IMPAIRED LOANS

A loan is impaired when it is probable that we will be unable to collect all amounts due according to the contractual terms of the loan agreement based on current information and events. All loans with a principal balance over \$50,000 placed on non-accrual status are classified as impaired. However, not all impaired loans are on non-accrual status nor do they all represent a loss.

Impairment loss is measured by:

- a. The present value of the future cash flow discounted at the loan's effective interest rate, or
- b. The fair value of the collateral if the loan is collateral dependent.

The following is a schedule of our impaired loans and non-accrual loans.

Loan	Impaired and Non-Accrual Loans as of December 31,				
	2018	2017	2016	2015	2014
Non-accrual loans	\$823,534	\$831,859	\$1,741,621	\$2,061,088	\$882,413
Impaired loans	\$4,278,347	\$3,724,262	\$5,901,784	\$6,542,707	\$7,051,127

TROUBLED DEBT RESTRUCTURINGS

According to GAAP, we are required to account for certain loan modifications or restructurings as a troubled debt restructuring ("TDR"), when appropriate. In general, the modification or restructuring of a debt is considered a TDR if we, for economic or legal reasons related to a borrower's financial difficulties, grant a concession to the borrower that we would not otherwise consider. Three factors must always be present:

1. An existing credit must formally be renewed, extended, or modified,
2. The borrower is experiencing financial difficulties, and
3. We grant a concession that we would not otherwise consider.

The following is a schedule of our TDR's including the number of loans represented.

Troubled Debt Restructurings as of					
December 31,					
	2018	2017	2016	2015	2014
Number of TDRs	\$—	\$1	\$2	\$3	\$2
Amount of TDRs	\$—	\$33,300	\$378,382	\$458,268	\$466,541

The Financial Accounting Standards Board Accounting (“FASB”) Standards Codification (“ASC”) 310-20-35-9 allows a loan to be removed from TDR status if the terms of the loan reflect current market rates and the loan has been performing under modified terms for an extended period of time or under certain other circumstances.

One TDR with a balance of \$33,300 at December 31, 2017 was removed from TDR status during the year ended December 31, 2018 since, at the most recent renewal, the loan was amortized at market rate and no concessions were granted. One TDR with a balance of \$345,082 at December 31, 2016 paid off during the year ended December 31, 2017. During the year ended December 31, 2016, one TDR was paid off with a balance of \$72,919 at December 31, 2015. During the year ended December 31, 2014 a loan receivable with a balance of \$496,090, was removed from TDR status. The borrower consistently paid as agreed and made substantial reductions to principal. In addition, one loan receivable was paid off during the year ended December 31, 2014 with a balance of \$106,194 at December 31, 2013. We do not know of any potential problem loans which will not meet their contractual obligations that are not otherwise discussed herein.

ALLOWANCE FOR LOAN LOSSES

The allowance for loan losses represents our estimate of probable losses inherent in our loan portfolio. The adequacy of the allowance for loan losses (the “allowance”) is reviewed by the Loan Committee and by the Board of Directors on a quarterly basis. For purposes of this analysis, adequacy is defined as a level sufficient to absorb estimated losses in the loan portfolio as of the balance sheet date presented. To remain consistent with GAAP, the methodology employed for this analysis has been modified over the years to reflect the economic environment and new accounting pronouncements. The Credit Department reviews this calculation on a quarterly basis. In addition, the Company’s Risk Management Officer validates the allowance calculation on a periodic basis. The methodology is based on a reserve model that is comprised of the three components listed below:

- 1) Specific reserve analysis for impaired loans based on FASB ASC 310-10-35, *Receivables - Overall*
- 2) General reserve analysis applying historical loss rates based on FASB ASC 450-20, *Contingencies: Loss Contingencies*

3) Qualitative or environmental factors.

Loans greater than \$50,000 are reviewed for impairment on a quarterly basis if any of the following criteria are met:

- 1) The loan is on non-accrual
- 2) The loan is a troubled debt restructuring
- 3) The loan is over 60 days past due
- 4) The loan is rated sub-standard, doubtful, or loss
- 5) Excessive principal extensions are executed
- 6) If we are provided information that indicates we will not collect all principal and interest as scheduled

Impairment is measured by the present value of the future cash flow discounted at the loan's effective interest rate or the fair value of the collateral if the loan is collateral dependent. An impaired loan may not represent an expected loss.

A general reserve analysis is performed on all loans, excluding impaired loans. This analysis includes a pool of loans that are reviewed for impairment but are not found to be impaired. Loans are segregated into similar risk groups and a historical loss ratio is determined for each group over a five-year period. The five-year average loss ratio by loan type is then used to calculate the estimated loss based on the current balance of each group.

Qualitative and environmental loss factors are also applied against the portfolio, excluding impaired loans. These factors include external risk factors that we believe are representative of our overall lending environment. We believe that the following factors create a more comprehensive loss projection, which we can use to monitor the quality of the loan portfolio.

- 1) Portfolio risk
 - a) Levels and trends in delinquencies and impaired loans and changes in loan rating matrix
 - b) Trends in volume and terms of loans
 - c) Over-margined real estate lending risk
- 2) National and local economic trends and conditions
- 3) Effects of changes in risk selection and underwriting practices

- 4) Experience, ability and depth of lending management staff
- 5) Industry conditions
- 6) Effects of changes in credit concentrations
 - a) Loan concentration
 - b) Geographic concentration
 - c) Regulatory concentration
- 7) Loan and credit administration risk
 - a) Collateral documentation
 - b) Insurance risk
 - c) Maintenance of financial information risk

The sum of each component's analysis contributes to the total "estimated loss" within our portfolio.

Portfolio Risk

Portfolio risk includes the levels and trends in delinquencies, impaired loans and changes in the loan rating matrix, trends in volume and terms of loans, and overmargined real estate lending. We are satisfied with the stability of the past due and non-performing loans and believe there has been no decline in the quality of our loan portfolio due to any trend in delinquent or adversely classified loans. Sizable unsecured principal balances on a non-amortizing basis are monitored. Although the vast majority of our real estate loans are underwritten on a cash flow basis, the secondary source of repayment is typically tied to our ability to realize on the collateral. Accordingly, we closely monitor loan to value ratios. The maximum collateral advance rate is 80% on all real estate transactions, with the exception of raw land at 65% and land development at 70%.

Occasionally, we extend credit beyond our normal collateral advance margins in real estate lending. We refer to these loans as overmargined real estate loans. Although infrequent, the aggregate of these loans represents a notable part of our portfolio. Accordingly, these loans are monitored and the balances reported to the Board of Directors every quarter. An excessive level of this practice (as a percentage of capital) could result in additional regulatory scrutiny, competitive disadvantages and potential losses if forced to convert the collateral. The consideration of overmargined real estate loans directly relates to the capacity of the borrower to repay. We often request additional collateral to bring the loan to value ratio within the policy objectives and require a strong secondary source of repayment.

Although significantly under our policy threshold of 100% of capital (currently approximately \$45.5 million), the number of overmargined real estate loans currently totals approximately \$8.6 million or approximately 3.12% of our loan portfolio at December 31, 2018 compared to \$9.5 million or approximately 3.51% of the loan portfolio at December 31, 2017.

A credit rating matrix is used to rate all extensions of credit and to provide a more specified picture of the risk each loan poses to the quality of the loan portfolio. There are eight possible ratings used to determine the quality of each

loan based on the following characteristics: cash flow, collateral quality, guarantor strength, financial condition, management quality, operating performance, the relevancy of the financial statements, historical loan performance, debt coverage ratio, and the borrower's leverage position. The matrix is designed to meet our standards and expectations of loan quality. One hundred percent of our loans are graded.

National and local economic trends and conditions

National and local economic trends and conditions are constantly changing and both positively and negatively impact borrowers. Most macroeconomic conditions are not controllable by us and are incorporated into the qualitative risk factors. Natural and environmental disasters, political uncertainty, international instability, as well as problems in the traditional mortgage market are a few of the trends and conditions that are currently affecting the national and local economies. These changes have impacted borrowers' ability, in many cases, to repay loans in a timely manner. On occasion, a loan's primary source of repayment (i.e. personal income, cash flow, or lease income) may be eroded as a result of unemployment, lack of revenues, or the inability of a tenant to make rent payments.

Effects of changes in risk selection and underwriting practices

The quality of our loan portfolio is contingent upon our risk selection and underwriting practices. All new loans (except for mortgage loans in the process of being sold to investors and loans secured by properly margined negotiable securities traded on an established market or other cash collateral) with exposure over \$300,000 are reviewed by the Loan Committee on a monthly basis. The Board of Directors review credits over \$750,000 monthly. Annual credit analyses are conducted on credits over \$500,000 upon the receipt of updated financial information. Prior to any extension of credit, every significant commercial loan goes through sound credit underwriting. Our Credit Department conducts a detailed cash flow analysis on each proposal using the most current financial information.

Experience, ability and depth of lending management staff

We have over 300 combined years of lending experience among our lending staff. In addition to the lending staff, we have an Advisory Board for each office, including the anticipated North Charleston branch, comprised of business and community leaders from the specific office market area. We meet with these advisory boards quarterly to discuss the trends and conditions in each respective market. We are aware of the many challenges currently facing the banking industry. As other banks look to increase earnings in the short term, we will continue to emphasize the need to maintain safe and sound lending practices and core deposit growth managed with a long-term perspective.

Industry conditions

There continues to be an influx of new banks and consolidation of existing banks in our geographic area, which creates pricing competition. We believe that our borrowing base is well established and therefore unsound price competition is not necessary.

Effects of changes in credit concentrations

The risks associated with the effects of changes in credit concentration include loan, geographic and regulatory concentrations. As of December 31, 2018, three Standard Industrial Code groups comprised more than 2% of our total outstanding loans. The groups are activities related to real estate, offices and clinics of doctors, and offices of lawyers.

We are located along the coast and on an earthquake fault line, increasing the chances that a natural disaster may impact our borrowers and us. We have a Disaster Recovery Plan in place; however, the amount of time it would take for our customers to return to normal operations is unknown. Our plan is reviewed and tested annually.

Loan and credit administration risk

Loan and credit administration risk includes collateral documentation, insurance risk and maintaining financial information risk.

The majority of our loan portfolio is collateralized with a variety of our borrowers' assets. The execution and monitoring of the documentation to properly secure the loan is the responsibility of our lenders and loan department. We require insurance coverage naming us as the mortgagee or loss payee. Although insurance risk is also considered collateral documentation risk, the actual coverage, amounts of coverage and increased deductibles are important to management.

Risk includes a function of time during which the borrower's financial condition may change; therefore, keeping financial information up to date is important to us. Our policy requires all new loans (with a credit exposure of \$10,000 or more), regardless of the customer's history with us, to have updated financial information. In addition, we monitor appraisals closely as real estate values are appreciating.

Based on our allowance for loan loss model, we recorded a provision for loan loss of \$325,000 for the year ended December 31, 2018 primarily based on our analysis of the adequacy of the allowance for loan losses, compared to \$55,000 for the year ended December 31, 2017. At December 31, 2018, the five-year average loss ratios were: 0.08% Commercial, 0.00% Commercial Real Estate Construction, 0.00% Commercial Real Estate Other, 0.00% Consumer

Real Estate, and 0.46% Consumer Other.

During the year ended December 31, 2018, charge-offs of \$115,887 and recoveries of \$129,820 were recorded to the allowance for loan losses, resulting in an allowance for loan losses of \$4.2 million or 1.53% of total loans, compared to charge-offs of \$185,499 and recoveries of \$154,230 resulting in an allowance for loan losses of \$3.9 million or 1.43% of total loans at December 31, 2017.

Net recoveries for the year ended December 31, 2018, were \$13,933 as compared to net charge-offs of \$31,219 for the year ended December 31, 2017. We believe loss exposure in the portfolio is identified, reserved against, and closely monitored to ensure that economic changes are promptly addressed in the analysis of reserve adequacy.

The accrual of interest is generally discontinued on loans which become 90 days past due as to principal or interest. The accrual of interest on some loans may continue even though they are 90 days past due if the loans are well secured or in the process of collection and we deem it appropriate. If non-accrual loans decrease their past due status to less than 30 days for a period of six to nine months, they are reviewed individually to determine if they should be returned to accrual status. At December 31, 2018 there were no loans over 90 days past due still accruing interest compared to two loans over 90 days past due still accruing interest at December 31, 2017. One of the two loans as of December 31, 2017 was considered impaired.

The following table represents a summary of loan loss experience for the past five years.

	2018	2017	2016	2015	2014
Summary of Loan Loss Experience					
(in thousands)					
Balance of the allowance for loan losses at the beginning of the period	\$3,875	\$3,852	\$3,418	\$3,335	\$3,292
Charge-offs:					
Commercial	(31)	—	(33)	(100)	(83)
Commercial Real Estate Construction	—	—	—	—	—
Commercial Real Estate Other	—	(181)	(78)	(55)	(16)
Consumer Real Estate	—	—	(82)	(6)	—
Consumer other	(85)	(5)	(15)	(40)	(14)
Total charge-offs	(116)	(186)	(208)	(201)	(113)
Recoveries:					
Commercial	14	6	—	9	—
Commercial Real Estate Construction	—	—	—	—	—
Commercial Real Estate Other	57	87	65	54	46
Consumer Real Estate	45	60	—	6	—
Consumer other	14	1	7	22	27
Total recoveries	130	154	72	91	73
Net charge-offs	14	(32)	(136)	(110)	(40)
Provision charged to operations	325	55	570	193	207
Balance of the allowance for loan losses at the end of the period	\$4,214	\$3,875	\$3,852	\$3,418	\$3,459

We believe the allowance for loan losses at December 31, 2018, is adequate to cover estimated losses in the loan portfolio; however, assessing the adequacy of the allowance is a process that requires considerable judgment. Our judgments are based on numerous assumptions about current events that we believe to be reasonable, but may or may not be valid. Thus, there can be no assurance that loan losses in future periods will not exceed the current allowance amount or that future increases in the allowance will not be required. No assurance can be given that our ongoing evaluation of the loan portfolio in light of changing economic conditions and other relevant circumstances will not require significant future additions to the allowance, thus adversely affecting our operating results.

The following table presents a breakdown of the allowance for loan losses for the past five years.

December 31, 2018	2017	2016	2015	2014
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<i>(in thousands)</i>	\$	% ⁽¹⁾	\$	% ⁽¹⁾	\$	% ⁽¹⁾	\$	% ⁽¹⁾	\$	% ⁽¹⁾
Commercial	\$ 1,665	20 %	\$ 1,404	19 %	\$ 1,545	20 %	\$ 897	21 %	\$ 1,212	21 %
Commercial real estate construction	64	3 %	23	1 %	52	1 %	60	1 %	43	1 %
Commercial real estate other	1,292	52 %	1,550	52 %	1,375	47 %	1,345	47 %	1,112	49 %
Consumer real estate	387	23 %	797	26 %	726	29 %	941	29 %	863	27 %
Consumer other	806	2 %	101	2 %	154	3 %	175	2 %	105	2 %
Total	\$ 4,214	100 %	\$ 3,875	100 %	\$ 3,852	100 %	\$ 3,418	100 %	\$ 3,335	100 %

(1) Loan category as a percentage of total loans.

The allowance is also subject to examination testing by regulatory agencies, which may consider such factors as the methodology used to determine adequacy and the size of the allowance relative to that of peer institutions, and other adequacy tests. In addition, such regulatory agencies could require us to adjust our allowance based on information available to them at the time of their examination.

The methodology used to determine the reserve for unfunded lending commitments, which is included in other liabilities, is inherently similar to the methodology used to determine the allowance for loan losses described above, adjusted for factors specific to binding commitments, including the probability of funding and historical loss ratio. During the year ended December 31, 2018, a provision of \$4,482 was recorded. No provision was recorded during the year ended December 31, 2017. The balance for the reserve for unfunded lending commitments was \$29,308 and \$24,826 as of December 31, 2018 and 2017, respectively.

OTHER REAL ESTATE OWNED

Real estate acquired because of foreclosure or by deed-in-lieu of foreclosure is classified as other real estate owned (“OREO”) until it is sold. When the property is acquired, it is recorded at the lesser of the fair value of the property less estimated selling costs or the total loan balance. It is in our best interest to determine the fair market value by engaging an independent appraisal within 30 days of property being acquired into OREO. We cannot hold the property for a period of more than five years unless we have prior approval from the Commissioner of Banking of the State Board of Financial Institutions. The Bank will pay property taxes along with insurance and various other expenses until the property is sold. During the year ended December 31, 2018, one property in the amount of \$411,842 was sold at a loss of \$33,476. There were no properties classified as OREO as of December 31, 2018. OREO as of December 31, 2017 consisted of one property in the amount of \$435,479 compared to one property in the amount of \$521,943 at December 31, 2016. One loan receivable valued at \$98,832 transferred to OREO and subsequently sold during the year ended December 31, 2017 for a loss of \$1,477. One property sold during the year ended December 31, 2016 for a loss of \$13,450. One loan receivable valued at \$35,473 moved to OREO during the year ended December 31, 2014, and ultimately sold at a gain of \$2,382.

NONPERFORMING ASSETS

Nonperforming assets include OREO, nonaccrual loans and loans past due 90 days or more and still accruing interest. The following table summarizes nonperforming assets for the five years ended December 31, 2018:

	2018	2017	2016	2015	2014
Nonperforming Assets					
<i>(in thousands)</i>					
Nonaccrual loans	\$824	\$832	\$1,742	\$2,061	\$882
Loans past due 90 days or more and still accruing interest	—	33	123	2	1,274
Total nonperforming loans	824	865	1,865	2,063	2,156
Other real estate owned	—	435	522	620	522
Total nonperforming assets	\$824	\$1,300	\$2,387	\$2,683	\$2,678
Nonperforming loans to total loans	0.30%	0.32 %	0.72 %	0.85 %	0.92 %
Nonperforming assets to total assets	0.19%	0.29 %	0.58 %	0.67 %	0.73 %

DEPOSITS

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The following table shows the contractual maturities of time deposits in denominations of \$100,000 or more at December 31, 2018.

	One Day	Less than three months	Three months to less than six months	Six months to less than one year	One year to less than five years	Five years or more	Total
(in thousands)							
CD's and other time deposits less than \$100,000	\$ —	\$3,140	\$2,463	\$2,514	\$1,360	\$ —	\$9,477
CD's and other time deposits \$100,000 and over	—	12,872	4,176	7,155	789	—	24,992
Total	\$ —	\$16,012	\$6,639	\$9,669	\$2,149	\$ —	\$34,469

Certificates of Deposit \$100,000 and over decreased \$5.7 million or 18.67% to \$25.0 million as of December 31, 2018 from \$30.7 million as of December 31, 2017. This decrease was primarily due to the maturity of Public Funds used for construction projects.

The following table presents average deposits by category.

	2018		2017		2016			
	Average Balance	Average Rate Paid	Average Balance	Average Rate Paid	Average Balance	Average Rate Paid		
<i>(in thousands)</i>								
Non-interest-bearing demand	\$133,045	n/a	\$128,586	n/a	\$123,670	n/a		
Interest-bearing transaction accounts	176,797	0.22 %	178,146	0.10 %	167,534	0.10 %		
Savings	34,857	0.24 %	33,694	0.12 %	28,688	0.12 %		
Time deposits	41,326	0.54 %	44,098	0.48 %	47,931	0.38 %		
Total average deposits	\$386,025		\$384,524		\$367,823			

Deposits decreased \$20.5 million or 5.09% to \$382.4 million as of December 31, 2018, from \$402.9 million as of December 31, 2017. Non-interest bearing deposits decreased \$8.3 million to \$130.9 million as of December 31, 2018, primarily due to settlements of municipal accounts to fund projects.

We fund growth through core deposits. We do not have, nor do we rely on, Brokered Deposits or Internet Deposits as a source to do so.

SHORT-TERM BORROWINGS

Securities sold under agreements to repurchase with customers mature on demand. At December 31, 2018 and 2017, there were no securities sold under agreements to repurchase. There was no amount outstanding at any month-end during 2018.

At December 31, 2018 and 2017, we had no outstanding federal funds purchased. We have a Borrower-In-Custody arrangement with the Federal Reserve. This arrangement permits the Company to retain possession of loans pledged as collateral to secure advances from the Federal Reserve Discount Window. Under this agreement, we may borrow up to \$79.3 million. We established this arrangement as an additional source of liquidity. There have been no borrowings under this arrangement.

At December 31, 2018 and 2017, the Bank had unused short-term lines of credit totaling approximately \$23.0 million (which are withdrawable at the lender's option).

OFF-BALANCE SHEET ARRANGEMENTS

In the normal course of operations, we engage in a variety of financial transactions that, in accordance with GAAP, are not recorded in the financial statements, or are recorded in amounts that differ from the notional amounts. These transactions involve, to varying degrees, elements of credit, interest rate, and liquidity risk. We use such transactions for general corporate purposes or customer needs. General corporate purpose transactions are used to help manage credit, interest rate and liquidity risk or to optimize capital. Customer transactions are used to manage customer requests for funding.

Our off-balance sheet arrangements consist principally of commitments to extend credit described below. We estimate probable losses related to binding unfunded lending commitments and record a reserve for unfunded lending commitments in other liabilities on the consolidated balance sheet. At December 31, 2018 and 2017, the balance of this reserve was \$29,308 and \$24,826, respectively. At December 31, 2018 and 2017, we had no interests in non-consolidated special purpose entities.

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 amounts do not necessarily represent future cash requirements. The amount of collateral obtained if deemed necessary by the Company upon extension of credit is based on our credit evaluation of the borrower. Collateral held varies but may include accounts receivable, negotiable instruments, inventory, property, plant and equipment, and real estate. Commitments to extend credit, including unused lines of credit, amounted to \$96.1 million and \$92.9 million as of December 31, 2018 and 2017, respectively.

Standby letters of credit represent our obligation to a third party contingent upon the failure of our customer to perform under the terms of an underlying contract with the third party or obligates us to guarantee or stand as surety for the benefit of the third party. The underlying contract may entail either financial or nonfinancial obligations and may involve such things as the shipment of goods, performance of a contract, or repayment of an obligation. Under the terms of a standby letter, generally drafts will be drawn only when the underlying event fails to occur as intended. We can seek recovery of the amounts paid from the borrower. Commitments under standby letters of credit are usually for one year or less. The maximum potential amount of undiscounted future payments related to standby letters of credit at December 31, 2018 and 2017 was \$1.2 million.

We originate certain fixed rate residential loans and commit these loans for sale. The commitments to originate fixed rate residential loans and the sales commitments are freestanding derivative instruments. We had forward sales commitments, totaling \$1.2 million at December 31, 2018, to sell loans held for sale of \$1.2 million, compared to forward sales commitments of \$2.1 million at December 31, 2017, to sell loans held for sale of \$2.1 million. The fair value of these commitments was not significant at December 31, 2018 or 2017. We had no embedded derivative instruments requiring separate accounting treatment.

Once we sell certain fixed rate residential loans, the loans are no longer reportable on our balance sheet. With most of these sales, we have an obligation to repurchase the loan in the event of a default of principal or interest on the loan. This recourse period ranges from three to nine months. Misrepresentation or fraud carries unlimited time for recourse. The unpaid principal balance of loans sold with recourse was \$14.9 million at December 31, 2017 and \$13.4 million at December 31, 2017. For the twelve months ended December 31, 2018 and December 31, 2017, there were no loans repurchased.

EFFECT OF INFLATION AND CHANGING PRICES

The consolidated financial statements have been prepared in accordance with GAAP, which require the measurement of financial position and results of operations in terms of historical dollars without consideration of changes in the relative purchasing power over time due to inflation.

Unlike most other industries, the assets and liabilities of financial institutions like the Company are primarily monetary in nature. As a result, interest rates generally have a more significant impact on our performance than the effects of general levels of inflation and changes in prices. In addition, interest rates do not necessarily move in the same direction or in the same magnitude as the prices of goods and services. We strive to manage the relationship between interest rate sensitive assets and liabilities in order to protect against wide interest rate fluctuations, including those resulting from inflation.

CAPITAL RESOURCES

Our capital needs have been met to date through the \$10.6 million in capital raised in our initial offering, the retention of earnings less dividends paid and the exercise of options to purchase stock. Total shareholders' equity at December 31, 2018 was \$45.5 million. The rate of asset growth since our inception has not negatively impacted our capital base.

On July 2, 2013, the Federal Reserve Board approved the final rules implementing the Basel Committee on Banking Supervision's ("BCBS") capital guidelines for U.S. banks ("Basel III"). Following the actions by the Federal Reserve, the FDIC also approved regulatory capital requirements on July 9, 2013. The FDIC's rule is identical in substance to the final rules issued by the Federal Reserve Bank.

Basel III became effective on January 1, 2015. The purpose is to improve the quality and increase the quantity of capital for all banking organizations. The minimum requirements for the quantity and quality of capital were increased. The rule includes a new common equity Tier 1 capital to risk-weighted assets ratio of 4.5% and a common equity Tier 1 capital conservation buffer of 2.5% of risk-weighted assets. The rule also raises the minimum ratio of Tier 1 capital to risk-weighted assets from 4% to 6% and requires a minimum leverage ratio of 4%. In addition, the rule also implements strict eligibility criteria for regulatory capital instruments and improves the methodology for calculating risk-weighted assets to enhance risk sensitivity. Full compliance with all of the final rule requirements will be phased in over a multi-year schedule.

At December 31, 2018, the Bank was categorized as "well capitalized". To be categorized as "well capitalized" the Bank must maintain minimum total risk based, Tier 1 risk based, common equity Tier 1 risk based capital and Tier 1 leverage ratios of 10.00%, 8.00%, 6.50% and 5.00%, respectively, and to be categorized as "adequately capitalized," the Bank must maintain minimum total risk based, Tier 1 risk based, common equity Tier 1 risk based capital, and Tier 1 leverage ratios of 8.00%, 6.00%, 4.50%, and 4.00%, respectively.

We are subject to various regulatory capital requirements administered by the federal banking agencies. Failure to meet minimum capital requirements can initiate certain mandatory, and possibly additional discretionary, actions by regulators that, if undertaken, could have a material effect on the financial statements. We must meet specific capital guidelines that involve quantitative measures of our assets, liabilities and certain off-balance sheet items as calculated under regulatory accounting practices. Our capital amounts and classification are also subject to qualitative judgments by the regulators about components, risk weightings and other factors. Current and previous quantitative measures established by regulation to ensure capital adequacy require that we maintain minimum amounts and ratios of total and Tier 1 capital to risk-weighted assets and to average assets. We believe, as of December 31, 2018, that the Company and the Bank meet all capital adequacy requirements to which we are subject.

There are no current conditions or events that we are aware of that would change the Company's or the Bank's category.

Please see "Notes to Consolidated Financial Statements" for the Company's and the Bank's various capital ratios at December 31, 2018.

Item 7A. Quantitative and Qualitative Disclosures About Market Risk

See the Market Risk section in “Management’s Discussion and Analysis of Financial Condition and Results of Operations” included in Item 7 of this report.

Item 8. Financial Statements and Supplementary Data

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Shareholders and the Board of Directors of Bank of South Carolina Corporation

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of Bank of South Carolina Corporation and its subsidiary (the “Company”) as of December 31, 2018 and 2017, the related consolidated statements of income, comprehensive income, shareholders' equity and cash flows for each of the three years in the period ended December 31, 2018, and the related notes to the consolidated financial statements and schedules (collectively, the “financial statements”). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Company as of December 31, 2018 and 2017, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2018, in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements are the responsibility of the Company’s management. Our responsibility is to express an opinion on the Company’s financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (“PCAOB”) and are required to be independent with respect to the Company in accordance with U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

/s/ Elliott Davis, LLC

We have served as the Company's auditor since 2006.

Columbia, South Carolina

March 4, 2019

BANK OF SOUTH CAROLINA CORPORATION AND SUBSIDIARY**CONSOLIDATED BALANCE SHEETS**

	December 31, 2018	December 31, 2017
ASSETS		
Cash and due from banks	\$6,325,457	\$8,486,025
Interest-bearing deposits at the Federal Reserve	25,506,784	24,034,194
Investment securities available for sale (amortized cost of \$121,918,501 and \$140,606,807 in 2018 and 2017, respectively)	119,668,874	139,250,250
Mortgage loans to be sold	1,199,438	2,093,723
Loans	274,664,267	270,180,640
Less: Allowance for loan losses	(4,214,331)	(3,875,398)
Net loans	270,449,936	266,305,242
Premises, equipment and leasehold improvements, net	2,335,207	2,244,525
Other real estate owned	—	435,479
Accrued interest receivable	1,561,915	1,720,920
Other assets	2,087,587	1,996,140
Total assets	\$429,135,198	\$446,566,498
LIABILITIES AND SHAREHOLDERS' EQUITY		
Liabilities		
Deposits:		
Non-interest-bearing demand	\$130,940,138	\$139,256,748
Interest-bearing demand	94,207,731	108,967,196
Money market accounts	87,300,433	77,833,728
Time deposits over \$250,000	15,909,991	18,624,924
Other time deposits	18,558,734	23,295,492
Other savings deposits	35,461,361	34,910,212
Total deposits	382,378,388	402,888,300
Accrued interest payable and other liabilities	1,294,249	913,563
Total liabilities	383,672,637	403,801,863
Commitments and contingencies Notes 6 and 11		
Shareholders' equity		
Common stock - no par 12,000,000 shares authorized; Issued 5,777,474 shares at December 31, 2018 and 5,753,743 shares at December 31, 2017. Shares outstanding 5,510,917 and 5,488,207 at December 31, 2018 and December 31, 2017, respectively	—	—
Additional paid in capital	46,857,734	37,236,566
Retained earnings	2,650,296	8,847,164
Treasury stock: 266,557 shares as of December 31, 2018 and 265,536 shares as of December 31, 2017	(2,268,264)	(2,247,415)
Accumulated other comprehensive loss, net of income taxes	(1,777,205)	(1,071,680)
Total shareholders' equity	45,462,561	42,764,635

Total liabilities and shareholders' equity	\$429,135,198	\$446,566,498
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See accompanying notes to consolidated financial statements.

BANK OF SOUTH CAROLINA CORPORATION AND SUBSIDIARY**CONSOLIDATED STATEMENTS OF INCOME**

	Years Ended December 31,		
	2018	2017	2016
Interest and fee income			
Loans, including fees	\$15,126,316	\$13,287,318	\$12,851,900
Taxable securities	1,872,285	1,585,505	1,297,636
Tax-exempt securities	744,713	1,026,513	1,007,438
Other	393,597	269,811	138,623
Total interest and fee income	18,136,911	16,169,147	15,295,597
Interest expense			
Deposits	694,386	423,863	378,740
Total interest expense	694,386	423,863	378,740
Net interest income	17,442,525	15,745,284	14,916,857
Provision for loan losses	325,000	55,000	570,000
Net interest income after provision for loan losses	17,117,525	15,690,284	14,346,857
Other income			
Service charges and fees	1,168,808	1,135,037	1,061,349
Mortgage banking income	786,893	1,057,457	1,387,740
Gain on sales of securities	4,735	45,820	380,904
Other non-interest income	34,189	30,157	31,090
Total other income	1,994,625	2,268,471	2,861,083
Other expense			
Salaries and employee benefits	6,488,229	6,060,831	6,087,929
Net occupancy expense	1,580,929	1,571,076	1,528,048
Net other real estate owned expenses	57,613	92,652	16,691
Other operating expenses	2,953,463	2,517,737	2,639,776
Total other expense	11,080,234	10,242,296	10,272,444
Income before income tax expense	8,031,916	7,716,459	6,935,496
Income tax expense	1,108,982	2,814,634	1,688,433
Net Income	\$6,922,934	\$4,901,825	\$5,247,063
Weighted average shares outstanding			
Basic	5,500,027	5,471,001	5,428,884
Diluted	5,589,012	5,568,493	5,561,739
Basic income per common share	\$1.26	\$0.90	\$0.97
Diluted income per common share	\$1.24	\$0.88	\$0.94

See accompanying notes to consolidated financial statements.

BANK OF SOUTH CAROLINA CORPORATION AND SUBSIDIARY**CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME**

	Years Ended December 31,		
	2018	2017	2016
Net Income	\$6,922,934	\$4,901,825	\$5,247,063
Other comprehensive loss			
Unrealized loss on securities arising during the period	(893,070)	(347,066)	(2,158,236)
Reclassification adjustment for securities gains realized in net income	(4,735)	(45,820)	(380,904)
Other comprehensive loss before tax	(897,805)	(392,886)	(2,539,140)
Income tax effect related to items of other comprehensive loss before tax	192,280	116,007	939,482
Other comprehensive loss after tax	(705,525)	(276,879)	(1,599,658)
Total comprehensive income	\$6,217,409	\$4,624,946	\$3,647,405

See accompanying notes to consolidated financial statements.

BANK OF SOUTH CAROLINA CORPORATION AND SUBSIDIARY

CONSOLIDATED STATEMENTS OF SHAREHOLDERS' EQUITY

YEARS ENDED DECEMBER 31, 2018, 2017, 2016

	Additional Paid in Capital	Retained Earnings	Treasury Stock	Accumulated Other Comprehensive Income (Loss)	Total
December 31, 2015	\$36,341,744	\$4,064,834	\$(2,247,415)	\$ 992,549	\$39,151,712
Net income	—	5,247,063	—	—	5,247,063
Other comprehensive loss	—	—	—	(1,599,658)	(1,599,658)
Stock option exercises	405,749	—	—	—	405,749
Stock-based comp expense	76,529	—	—	—	76,529
Cash dividends (\$0.54 per common share)	—	(2,668,421)	—	—	(2,668,421)
December 31, 2016	\$36,824,022	\$6,643,476	\$(2,247,415)	\$ (607,109)	\$40,612,974
Net income	—	4,901,825	—	—	4,901,825
Other comprehensive loss	—	—	—	(276,879)	(276,879)
Stock option exercises	340,843	—	—	—	340,843
Stock-based compensation expense	71,701	—	—	—	71,701
Reclassification of tax effects stranded in accumulated other comprehensive income by tax reform	—	187,692	—	(187,692)	—
Cash dividends (\$0.58 per common share)	—	(2,885,829)	—	—	(2,885,829)
December 31, 2017	\$37,236,566	\$8,847,164	\$(2,247,415)	\$ (1,071,680)	\$42,764,635
Net income	—	6,922,934	—	—	6,922,934
Other comprehensive loss	—	—	—	(705,525)	(705,525)
Stock option exercises	214,418	—	(20,849)	—	193,569
Stock-based compensation expense	72,408	—	—	—	72,408
Cash dividends (\$0.70 per common share)	—	(3,785,460)	—	—	(3,785,460)
Common stock dividend, 10%	9,334,342	(9,334,342)	—	—	—
December 31, 2018	\$46,857,734	\$2,650,296	\$(2,268,264)	\$ (1,777,205)	\$45,462,561

See accompanying notes to consolidated financial statements.

BANK OF SOUTH CAROLINA CORPORATION AND SUBSIDIARY**CONSOLIDATED STATEMENTS OF CASH FLOWS**

	Years Ended December 31,		
	2018	2017	2016
Cash flows from operating activities:			
Net income	\$6,922,934	\$4,901,825	\$5,247,063
Adjustments to reconcile net income net cash provided by operating activities:			
Depreciation	195,921	193,298	189,188
Gain on sale of investment securities	(4,735)	(45,820)	(380,904)
Loss on sale of other real estate owned	33,476	1,477	13,450
Loss on disposal of premises, equipment, and leasehold improvements, net	428	—	—
Valuation and other adjustments to other real estate owned	23,637	86,464	—
Provision for loan losses	325,000	55,000	570,000
Stock-based compensation expense	72,408	71,701	76,529
Deferred income taxes	(217,637)	276,362	(750,254)
Net amortization of unearned discounts on investment securities available for sale	303,530	381,079	250,755
Origination of mortgage loans held for sale	(55,504,124)	(55,791,625)	(76,032,671)
Proceeds from sale of mortgage loans held for sale	56,398,409	58,084,112	77,466,700
Decrease (increase) in accrued interest receivable and other assets	472,740	(78,328)	(63,949)
Increase (decrease) in accrued interest payable and other liabilities	295,071	46,412	(543,083)
Net cash provided by operating activities	9,317,058	8,181,957	6,042,824
Cash flows from investing activities:			
Proceeds from calls and maturities of investment securities available for sale	6,932,927	4,713,870	9,630,804
Proceeds from sale of investment securities available for sale	21,434,634	20,231,265	36,218,087
Purchase of investment securities available for sale	(9,978,050)	(44,944,586)	(48,239,241)
Proceeds from sale of other real estate owned	378,366	89,355	85,001
Net increase in loans	(4,469,694)	(9,726,576)	(18,089,620)
Purchase of premises, equipment, and leasehold improvements, net	(287,031)	(141,199)	(196,584)
Net cash provided by (used in) investing activities	14,011,152	(29,777,871)	(20,591,553)
Cash flows from financing activities:			
Net (decrease) increase in deposit accounts	(20,509,912)	30,365,449	13,804,239
Dividends paid	(3,699,845)	(2,832,489)	(2,613,715)
Stock options exercised	193,569	340,843	405,749
Net cash (used in) provided by financing activities	(24,016,188)	27,873,803	11,596,273
Net (decrease) increase in cash and cash equivalents	(687,978)	6,277,889	(2,952,456)
Cash and cash equivalents at the beginning of the period	32,520,219	26,242,330	29,194,786
Cash and cash equivalents at the end of the period	\$31,832,241	\$32,520,219	\$26,242,330

Supplemental disclosure of cash flow data:

Cash paid during the period for:

Interest	\$626,700	\$379,302	\$400,531
Income taxes	\$1,169,085	\$2,496,047	\$2,320,830

Supplemental disclosures for non-cash investing and financing activity:

Change in unrealized gain on securities available for sale, net of income taxes	\$(705,525) \$(276,879) \$(1,599,658)
Change in dividends payable	\$85,615	\$53,340	\$54,706
Transfer of loans to other real estate owned	\$—	\$90,832	\$—

See accompanying notes to consolidated financial statements.

BANK OF SOUTH CAROLINA CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

1. ORGANIZATION

The Bank of South Carolina (the “Bank”) was organized on October 22, 1986 and opened for business as a state-chartered financial institution on February 26, 1987, in Charleston, South Carolina. The Bank was reorganized into a wholly-owned subsidiary of Bank of South Carolina Corporation (the “Company”), effective April 17, 1995. At the time of the reorganization, each outstanding share of the Bank was exchanged for two shares of Bank of South Carolina Corporation Stock.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Our accounting and reporting policies conform, in all material respects, to U.S. generally accepted accounting principles (“GAAP”), and to general practices within the banking industry. The following summarizes the more significant of these policies and practices.

Principles of Consolidation:

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

References to “we,” “us,” “our,” “the Bank,” or “the Company” refer to the parent and its subsidiary that are consolidated for financial purposes.

Accounting Estimates and Assumptions:

The financial statements are prepared in conformity with GAAP, which require management to make estimates and assumptions. These estimates and assumptions affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities as of the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reported periods. Actual results could differ significantly from these estimates and assumptions. Material estimates generally susceptible to significant change are related to the determination of the allowance for loan losses, impaired loans, other real estate owned, deferred tax assets, the fair value of financial instruments and other-than-temporary impairment of investment securities.

Reclassification:

Certain amounts in the prior years' financial statements have been reclassified to conform to the current year's presentation. Such reclassifications have no effect on shareholders' equity or the net income as previously reported.

Subsequent Events:

Subsequent events are events or transactions that occur after the balance sheet date but before financial statements are issued. Recognized subsequent events are events or transactions that provide additional evidence about conditions that existed as of the date of the balance sheet, including the estimates inherent in the process of preparing financial statements. Non-recognized subsequent events are events that provide evidence about conditions that did not exist as of the date of the balance sheet but arose after that date. We have reviewed events occurring through the date the financial statements were available to be issued and no subsequent events occurred requiring accrual or disclosure.

Cash and Cash Equivalents:

Cash and cash equivalents include working cash funds, due from banks, interest-bearing deposits at the Federal Reserve, items in process of collection and federal funds sold. All cash equivalents are readily convertible to cash and have maturities of less than 90 days.

Depository institutions are required to maintain reserve and clearing balances at the Federal Reserve Bank. Vault cash satisfied our daily reserve requirement for the years ended December 31, 2018 and 2017, respectively.

Interest-bearing Deposits at the Federal Reserve:

Interest-bearing deposits at the Federal Reserve mature within one year and are carried at cost.

BANK OF SOUTH CAROLINA CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Investment Securities:

We classify investments into three categories: (1) Held to Maturity - debt securities that we have the positive intent and ability to hold to maturity, which are reported at amortized cost, adjusted for the amortization of any related premiums or the accretion of any related discounts into interest income using a methodology which approximates a level yield of interest over the estimated remaining period until maturity; (2) Trading - debt and equity securities that are bought and held principally for the purpose of selling them in the near term, which are reported at fair value, with unrealized gains and losses included in earnings; and (3) Available for Sale - debt and equity securities that may be sold under certain conditions, which are reported at fair value, with unrealized gains and losses excluded from earnings and reported as a separate component of shareholders' equity, net of income taxes. Unrealized losses on securities due to fluctuations in fair value are recognized when it is determined that an other than temporary decline in value has occurred.

Realized gains or losses on the sale of investments are recognized on a specific identification, trade date basis. All securities were classified as available for sale for 2018 and 2017.

Mortgage Loans to be Sold:

We originate fixed and variable rate residential mortgage loans on a service release basis in the secondary market. Loans closed but not yet settled with an investor are carried in our loans held for sale portfolio. Virtually all of these loans have commitments to be purchased by investors and the majority of these loans were locked in by price with the investors on the same day or shortly thereafter that the loan was locked in with our customers. Therefore, these loans present very little market risk. We usually deliver to, and receive funding from, the investor within 30 to 60 days. Commitments to sell these loans to the investor are considered derivative contracts and are sold to investors on a "best efforts" basis. We are not obligated to deliver a loan or pay a penalty if a loan is not delivered to the investor. Because of the short-term nature of these derivative contracts, the fair value of the mortgage loans held for sale in most cases is materially the same as the value of the loan amount at its origination.

Mortgage loans originated and intended for sale in the secondary market are carried at the lower of cost or estimated market value in the aggregate. Net unrealized losses are provided for in a valuation allowance by charges to operations as a component of mortgage banking income. Gains or losses on sales of loans are recognized when control over these assets are surrendered and are included in mortgage banking income in the consolidated statements of income.

Loans and Allowance for Loan Losses:

Loans are carried at principal amounts outstanding. Loan origination fees, net of certain direct origination costs, are deferred and recognized over the weighted average life of the loan as an adjustment to yield. Interest income on all loans is recorded on an accrual basis. The accrual of interest and the amortization of net loan fees are generally discontinued on loans that 1) are maintained on a cash basis because of deterioration in the financial condition of the borrower; 2) the payment of full principal is not expected; or 3) the principal or interest has been in default for a period of 90 days or more. We define past due loans based on contractual payment and maturity dates.

The accrual of interest is generally discontinued on loans that become 90 days past due as to principal or interest. The accrual of interest on some loans may continue even though they are 90 days past due if the loans are well secured or in the process of collection and management deems it appropriate. If non-accrual loans decrease their past due status to less than 30 days for a period of six to nine months, they are reviewed individually by management to determine if they should be returned to accrual status.

When the ultimate collectability of an impaired loan's principal is in doubt, wholly or partially, all cash receipts are applied to principal. Once the recorded principal balance has been reduced to zero, future cash receipts are applied to interest income, to the extent that any interest has been foregone. Further cash receipts are recorded as recoveries of any amounts previously charged off. When this doubt does not exist, cash receipts are applied under the contractual terms of the loan agreement first to interest income and then to principal.

We account for impaired loans by requiring that all loans (greater than \$50,000) where it is estimated that we will be unable to collect all amounts due according to the terms of the loan agreement be recorded at the loan's fair value. Fair value may be determined based upon the present value of expected future cash flows discounted at the loan's effective interest rate, or the fair value of the collateral less cost to sell, if the loan is collateral dependent.

Additional accounting guidance allows us to use existing methods for recognizing interest income on an impaired loan. The guidance also requires additional disclosures about how we estimate interest income related to our impaired loans.

A loan is also considered impaired if its terms are modified in a troubled debt restructuring ("TDR"). For this type of impaired loan, cash receipts are typically applied to principal and interest receivable in accordance with the terms of the restructured loan agreement. Interest income is recognized on these loans using the accrual method of accounting, provided they are performing in accordance with their restructured terms.

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The allowance for loan losses (the “allowance”) is our estimate of credit losses inherent in the loan portfolio. The allowance is established as losses are estimated to have occurred through a provision for loan losses charged to earnings. Loan losses are charged against the allowance when we believe the uncollectibility of a loan balance is confirmed. Subsequent recoveries, if any, are credited to the allowance. The allowance is evaluated on a regular basis and is based upon our periodic review of the collectability of the loans in light of historical experience, the nature and volume of the loan portfolio, adverse situations that may affect the borrower’s ability to repay, the estimated value of any underlying collateral and prevailing economic conditions. This evaluation is inherently subjective as it requires estimates that are susceptible to significant revision as more information becomes available.

We believe that the allowance is adequate to absorb inherent losses in the loan portfolio; however, there can be no assurance that loan losses in future periods will not exceed the current allowance amount or that future increases in the allowance will not be required. No assurance can be given that our ongoing evaluation of the loan portfolio, in light of changing economic conditions and other relevant circumstances, will not require significant future additions to the allowance, thus adversely affecting our operating results.

The allowance is also subject to examination by regulatory agencies, which may consider factors such as the methodology used to determine adequacy and the size of the allowance relative to that of peer institutions and other adequacy tests. In addition, such regulatory agencies could require us to adjust our allowance based on information available at the time of the examination.

The methodology used to determine the reserve for unfunded lending commitments, which is included in other liabilities, is inherently similar to the methodology used to determine the allowance adjusted for factors specific to binding commitments, including the probability of funding and historical loss ratio.

Concentration of Credit Risk:

Our primary market consists of the counties of Berkeley, Charleston and Dorchester, South Carolina. As of December 31, 2018, the majority of the total loan portfolio, as well as a substantial portion of the commercial and real estate loan portfolios, were to borrowers within this region. No other areas of significant concentration of credit risk have been identified.

Premises, Equipment and Leasehold Improvements and Depreciation:

Land is carried at cost. Buildings and equipment are stated at cost less accumulated depreciation. Depreciation is recorded using the straight-line method for financial reporting purposes and accelerated methods for income tax purposes over the estimated useful lives of the assets ranging from 40 years for buildings and 3 to 15 years for equipment. Leasehold improvements are amortized over the shorter of the asset's useful life or the remaining lease term, including renewal periods when reasonably assured. The cost of maintenance and repairs is charged to operating expense as incurred.

Other Real Estate Owned:

Fair value is based upon independent market prices, appraised values of the collateral, or our estimation of the value of the collateral. Losses arising from an initial foreclosure are charged against the allowance for loan losses. Subsequent to foreclosure, other real estate owned ("OREO") is recorded at the lower of cost or fair value, adjusted for net selling costs. Gains and losses on the sale of OREO and subsequent write-downs from periodic re-evaluation are charged to net other real estate owned expenses.

Income Taxes:

We account for income taxes under the asset and liability method. Deferred tax assets and liabilities are recognized for future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases. Deferred tax assets and liabilities are measured using the enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date. Net deferred tax assets are included in other assets in the consolidated balance sheet.

Accounting standards require the accounting for uncertainty in income taxes recognized in an enterprise's financial statements. These standards also prescribe a recognition threshold and measurement of a tax position taken or expected to be taken in an enterprise's tax return. We believe that we had no uncertain tax positions for the years ended December 31, 2018 and 2017.

BANK OF SOUTH CAROLINA CORPORATION

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Stock-Based Compensation:

Compensation cost is recognized for stock options issued to employees, based on the fair value of these awards at the date of grant. A Black-Scholes model is utilized to estimate the fair value of stock options. Compensation cost is recognized over the required service period, generally defined as the vesting period (10 years).

Income Per Common Share:

Basic income per share is computed by dividing net income by the weighted-average number of common shares outstanding. Diluted earnings per share is computed by dividing net income by the weighted-average number of common shares and potential common shares outstanding. Potential common shares consist of dilutive stock options determined using the treasury stock method and the average market price of common stock. Earnings per share are restated for all stock splits and stock dividends through the date of issuance of the financial statements.

Segment Information:

The Company operates and manages itself within one retail banking segment and therefore has not provided segment disclosures.

Interest Rate Lock Commitments and Forward Sale Contracts:

Commitments to fund mortgage loans (interest rate locks) to be sold into the secondary market and forward commitments for the future delivery of these mortgage loans are accounted for as free-standing derivatives. The fair value of the interest rate lock is recorded at the time the commitment to fund the mortgage loan is executed and is adjusted for the expected exercise of the commitments before the loan is funded. In order to hedge the change in interest rates resulting from commitments to fund the loans, we enter into forward commitments for the future delivery of mortgage loans when the interest rate is locked. Fair values of these mortgage derivatives are estimated based on changes in mortgage interest rates from the date the interest on the loan is locked. Changes in the fair values of these derivatives are included in income when they occur. As a result of the short-term nature of mortgage loans held for sale (derivative contract), our derivative instruments were considered to be immaterial as of December 31, 2018 and 2017.

We had no embedded derivative instruments requiring hedge accounting treatment at December 31, 2018. We do not currently engage in hedging activities.

Recent Accounting Pronouncements:

The following is a summary of recent authoritative pronouncements that could impact the accounting, reporting and/or disclosure of financial information by the Company.

In May 2014, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) 2014-09, *Revenue from Contracts with Customers, Topic 606*. The core principle of the new standard is that an entity should recognize revenue to reflect the transfer of goods and services to customers in an amount equal to the consideration the entity receives or expects to receive. This guidance also includes expanded disclosure requirements that result in an entity providing users of financial statements with comprehensive information about the nature, amount, timing, and uncertainty of revenue and cash flows arising from the entity’s contracts with customers. The guidance became effective January 1, 2018. The amendment does not apply to revenue associated with financial instruments, such as loans and investment securities available for sale, and therefore had no material effect on our consolidated financial statements.

In January 2016, the FASB issued ASU 2016-01, *Financial Instruments – Overall (Subtopic 825-10); Recognition and Measurement of Financial Instruments and Financial Liabilities*. This update addresses certain aspects of recognition, measurement, presentation, and disclosure of financial instruments. The amendments became effective on January 1, 2018 and did not have a material effect on the financial statements. The Company measured the fair value of its loan portfolio as of December 31, 2018 using an exit price notion and will continue to, prospectively.

In February 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)*, which revises certain aspects of recognition, measurement, presentation, and disclosure of leasing transactions. The amendments will be effective for fiscal years beginning after December 15, 2018, including interim periods within those fiscal years. We have evaluated the effect that implementation of the new standard will have on our results of operations and cash flows and found that it will have a material impact on our consolidated balance sheets but did not have an impact on our consolidated statements of income. The most significant impact was the recognition of right of use assets and lease liabilities for operating leases of approximately \$7.3 million.

In March 2016, the FASB issued ASU 2016-08, *Revenue from Contracts with Customers (Topic 606): Principal versus Agent Considerations (Reporting Revenue Gross versus Net)*, to clarify the implementation guidance on principal versus agent considerations and address how an entity should assess whether it is the principal or the agent in contracts that include three or more parties. The guidance became effective January 1, 2018. The Company completed an assessment of revenue streams and a review of related contracts potentially affected by the ASU and, based on this assessment, the Company concluded that the ASU did not materially change the method in which the Company currently recognizes revenue for these revenue streams. As such, a cumulative effect adjustment to opening retained earnings was not deemed necessary. The Company derives most of our income from interest on loans and investment securities that are not within the scope of Topic 606. The Company evaluated its contracts with customers and

determined that further disaggregation of revenue from contracts with customers beyond what is reported in the Consolidated Statement of Income was not necessary. Performance obligations on its contracts with customers are typically met as services are rendered and the transactions are charged on a periodic basis or based on activity. The revenue streams affected by Topic 606 were service charges on deposits, interchange fees, and gains/losses on sales of real estate. The performance obligation for service charges on deposits is recognized over the period of service provided. Interchange fees are transaction based fees recognized when the transaction is processed. Gains/losses on sales of real estate financed by the Bank were previously evaluated on the recognition of the buyer's initial investment. The primary consideration will be evaluated based on various factors including the loan to value, credit quality of the borrower, structure of the loan, and any other factors affecting the collectability of the loan financing the sale. Topic 606 will affect sales of other real estate owned if a significant financing component is present but did not have an effect on the sale of other real estate owned during the year ended December 31, 2018 or have a material effect on the consolidated financial statements. The adoption of Topic 606 did not have an impact on the revenue recognition for these services.

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In March 2016, the FASB issued ASU 2016-09, *Compensation – Stock Compensation (Topic 718): Improvements to Employee Share – Based Payment Accounting*, to simplify several aspects of the accounting for share-based payment award transactions including the income tax consequences, the classification of awards as either equity or liabilities, and the classification on the statement of cash flows. Additionally, the guidance simplifies two areas specific to entities other than public business entities allowing them apply a practical expedient to estimate the expected term for all awards with performance or service conditions that have certain characteristics and also allowing them to make a one-time election to switch from measuring all liability-classified awards at fair value to measuring them at intrinsic value. The amendments became effective for the Company on January 1, 2017 and this amendment did not have a material effect on its financial statements.

In April 2016, the FASB issued ASU 2016-10, *Revenue from Contracts with Customers (Topic 606): Identifying Performance Obligations and Licensing*, to clarify guidance related to identifying performance obligations and accounting for licenses of intellectual property. The amendment became effective for the Company January 1, 2018 and did not have a material effect on the financial statements.

In May 2016, the FASB issued ASU 2016-12, *Revenue from Contracts with Customers (Topic 606): Narrow- Scope Improvements and Practical Expedients*, to clarify guidance related to collectability, noncash consideration, presentation of sales tax, and transition. The amendment became effective on January 1, 2018 and did not have a material effect on the financial statements.

In June 2016, the FASB issued ASU 2016-13, *Financial instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments*, to change the accounting for credit losses and modify the impairment model for certain debt securities. The amendments will be effective for the Company for reporting periods beginning after December 15, 2019. Early adoption is permitted for all organizations for periods beginning after December 15, 2018. The Company is currently evaluating the effect that implementation of the new standard will have on its financial position, results of operations, and cash flows.

In August 2016, the FASB issued ASU 2016-15, *Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Cash Payments*, to clarify how certain cash receipts and cash payments are presented and classified in the statement of cash flows. The amendment became effective on January 1, 2018 and did not have a material effect on the financial statements.

In December 2016, the FASB issued ASU 2016-20, *Technical Corrections and Improvements to Topic 606, Revenue from Contracts with Customers*. These corrections make a limited number of revisions to several pieces of the revenue recognition standard issued in 2014. The amendment became effective on January 1, 2018 and did not have a material effect on the financial statements.

In January 2017, the FASB issued ASU 2017-01, *Clarifying the Definition of a Business*, which provided guidance to assist with evaluating whether transactions should be accounted for as acquisitions (or disposals) of assets or businesses. The update is intended to address concerns that the existing definition of a business has been applied too broadly and has resulted in many transactions being recorded as business acquisitions that in substance are more akin to asset acquisitions. The amendments became effective on January 1, 2018 and did not have a material effect on the financial statements.

In February 2017, the FASB issued ASU 2017-05, *Clarifying the Scope of Asset Derecognition Guidance and Accounting for Partial Sales of Nonfinancial Assets*, to clarify the scope of established guidance on nonfinancial asset derecognition, issued as part of ASU 2014-09, *Revenue from Contracts with Customers*, as well as accounting for partial sales of nonfinancial assets. The amendments conform the derecognition guidance on nonfinancial assets with the model for transactions in the new revenue standard. The amendments became effective on January 1, 2018 and did not have a material effect on the financial statements.

In March 2017, the FASB issued ASU 2017-08, *Receivables – Nonrefundable Fees and Other Costs (Subtopic 310-20): Premium Amortization of Purchased Callable Debt Securities*, which shortens the amortization period for the premium to the earliest call date. The amendment will be effective for the Company for interim and annual periods beginning after December 15, 2018. Early adoption is permitted. The Company does not expect this amendment to have a material effect on its financial statements.

In February 2018, the FASB issued ASU 2018-02, *Income Statement – Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income*, which requires companies to reclassify the stranded effects in other comprehensive income to retained earnings as a result of the change in the tax rates under the Tax Cuts and Jobs Act (the “2017 Tax Act”). The Company early adopted this pronouncement by retrospective application to each period in which the effect of the change in the tax rate under the 2017 Tax Act is recognized. The impact of the reclassification from other comprehensive income to retained earnings is included in the Statement of Changes in Shareholders’ Equity for the year ended December 31, 2017.

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In March 2018, the FASB issued ASU 2018-04, *Investments—Debt Securities (Topic 320) and Regulated Operations (Topic 980): Amendments to SEC Paragraphs Pursuant to SEC Staff Accounting Bulletin No. 117 and SEC Release No. 33-9273*, which incorporate into the Accounting Standards Codification recent SEC guidance which was issued in order to make the relevant interpretive guidance consistent with current authoritative accounting and auditing guidance and SEC rules and regulations. The amendments were effective upon issuance and did not have a material effect on the financial statements.

In March 2018, the FASB issued ASU 2018-05, *Income Taxes (Topic 740): Amendments to SEC Paragraphs Pursuant to SEC Staff Accounting Bulletin No. 118*. The amendments incorporate into the Accounting Standards Codification recent SEC guidance related to the income tax accounting implications of the Tax Cuts and Jobs Act. The amendments were effective upon issuance. The amendments were effective upon issuance and did not have a material effect on the financial statements.

In May 2018, the FASB amended the Financial Services – Depository and Lending Topic of the ASC to remove outdated guidance related to Circular 202. The amendments were effective upon issuance and did not have a material effect on the financial statements.

In July 2018, the FASB issued ASU 2018-10, *Codification Improvements to Topic 842 – Leases*. This update clarifies how to apply certain aspects of the new leases standard. The amendments are effective for reporting periods beginning after December 15, 2018. The Company does not expect these amendments to have a material effect on its financial statements.

In July 2018, the FASB issued ASU 2018-11, *Leases (Topic 842): Targeted Improvements*, which gives entities another option for transition and to provide lessors with a practical expedient. The amendments are effective for reporting periods beginning after December 15, 2018. The Company does not expect these amendments to have a material effect on its financial statements.

In August 2018, the FASB issued ASU 2018-13, *Fair Value Measurement (Topic 820): Disclosure Framework – Changes to the Disclosure Requirements for Fair Value Measurement*. The amendments remove, modify, and add certain fair value disclosure requirements based on the concepts in the FASB Concepts Statement, Conceptual Framework for Financial Reporting—Chapter 8: Notes to Financial Statements. The amendments are effective for all entities for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2019. Early

adoption is permitted. An entity is permitted to early adopt any removed or modified disclosures upon issuance of this ASU and delay adoption of the additional disclosures until their effective date. The Company does not expect these amendments to have a material effect on its financial statements.

In August 2018, the FASB issued ASU 2018-15, *Intangibles and Goodwill and Other-Internal Use Software (Subtopic 350-40): Customer's Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement That Is a Service Contract*, which aligns the requirements for capitalizing implementation costs incurred in a hosting arrangement that is a service contract with the requirements for capitalizing implementation costs incurred to develop or obtain internal-use software. The amendments will be effective for the Company for fiscal years beginning after December 15, 2019. Early adoption is permitted. The Company does not expect these amendments to have a material effect on its financial statements.

In October 2018, the FASB issued ASU 2018-16, *Derivatives and Hedging (Topic 815): Inclusion of the Secured Overnight Financing Rate (SOFR) Overnight Index Swap (OIS) Rate as a Benchmark Interest Rate for Hedge Accounting Purposes*, which expands the list of U.S. benchmark interest rates permitted in the application of hedge accounting. The amendments will be effective for the Company for fiscal years beginning after December 15, 2018. Early adoption is permitted. The Company does not expect these amendments to have a material effect on its financial statements.

In October 2018, the FASB issued ASU 2018-07, *Consolidation (Topic 810): Targeted Improvements to Related Party Guidance for Variable Interest Entities*, determining whether a decision-making fee is a variable interest. The amendments require organizations to consider indirect interests held through related parties under common control on a proportional basis rather than as the equivalent of a direct interest in its entirety. The amendments will be effective for the Company for fiscal years beginning after December 15, 2019, and interim periods within those fiscal years. Early adoption is permitted. The Company will apply a full retrospective approach in which financial statements for each individual prior period presented and the opening balances of the earliest period presented are adjusted to reflect the period-specific effects of applying the amendments. The Company does not expect these amendments to have a material effect on its financial statements.

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

In December 2018, the FASB issued ASU 2018-20, *Leases (Topic 842): Narrow-Scope Improvements for Lessors*, providing narrow-scope improvements for lessors, that provides relief in the accounting for sales, use and similar taxes, the accounting for other costs paid by a lessee that may benefit a lessor, and variable payments when contracts have lease and non-lease components. The amendments will be effective for the Company for reporting periods beginning after December 15, 2018. Early adoption is permitted. The Company does not expect these amendments to have a material effect on its financial statements.

Other accounting standards that have been issued or proposed by the FASB or other standards-setting bodies are not expected to have a material impact on our financial position, results of operations or cash flows.

3. INVESTMENT SECURITIES AVAILABLE FOR SALE

The amortized cost and fair value of investment securities available for sale are summarized as follows.

	December 31, 2018			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
U.S. Treasury Notes	\$32,965,693	\$ —	\$(609,059)	\$32,356,634
Government-Sponsored Enterprises	60,684,878	—	(1,315,598)	59,369,280
Municipal Securities	28,267,930	112,971	(437,941)	27,942,960
Total	\$121,918,501	\$ 112,971	\$(2,362,598)	\$119,668,874

	December 31, 2017			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Estimated Fair Value
U.S. Treasury Notes	\$35,970,990	\$ —	\$(411,145)	\$35,559,845
Government-Sponsored Enterprises	64,444,315	—	(887,811)	63,556,504
Municipal Securities	40,191,502	487,545	(545,146)	40,133,901

Total \$ 140,606,807 \$ 487,545 \$(1,844,102) \$ 139,250,250

The amortized cost and estimated fair value of investment securities available for sale at December 31, 2018 and December 31, 2017, by contractual maturity are in the following table.

	December 31, 2018		December 31, 2017	
	Amortized Cost	Estimated Fair Value	Amortized Cost	Estimated Fair Value
Due in one year or less	\$4,246,325	\$4,249,570	\$11,554,040	\$11,546,968
Due in one year to five years	99,753,174	97,915,185	72,622,056	72,124,395
Due in five years to ten years	17,504,456	17,128,425	53,290,088	52,576,036
Due in ten years and over	414,546	375,694	3,140,623	3,002,851
Total	\$121,918,501	\$119,668,874	\$140,606,807	\$139,250,250

Securities pledged to secure deposits and repurchase agreements at December 31, 2018 and 2017, had a carrying amount of \$41,547,205 and \$49,424,692, respectively.

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

The tables below summarize gross unrealized losses on investment securities and the fair market value of the related securities, aggregated by investment category and length of time that individual securities have been in a continuous unrealized loss position, at December 31, 2018 and 2017. We believe that all unrealized losses have resulted from temporary changes in the interest rate market and not as a result of credit deterioration. We do not intend to sell and it is not likely that we will be required to sell any of the securities referenced in the table below before recovery of their amortized cost.

	Less Than 12 Months			12 Months or Longer			Total		
	#	Fair Value	Gross Unrealized Loss	#	Fair Value	Gross Unrealized Loss	#	Fair Value	Gross Unrealized Loss
<u>December 31, 2018</u>									
<u>Available for sale</u>									
U.S. Treasury Notes		\$—	\$—	7	\$32,356,634	\$(609,059)	7	\$32,356,634	\$(609,059)
Government-Sponsored Enterprises	2	9,967,000	(14,302)	11	49,402,280	(1,301,296)	13	59,369,280	(1,315,598)
Municipal Securities	2	1,362,286	(7,547)	31	11,840,912	(430,394)	33	13,203,198	(437,941)
Total	4	\$11,329,286	\$(21,849)	49	\$93,599,826	\$(2,340,749)	53	\$104,929,112	\$(2,362,598)

December 31, 2017**Available for sale**

U.S. Treasury Notes	8	\$35,559,845	\$(411,145)	—	\$—	\$—	8	\$35,559,845	\$(411,145)
Government-Sponsored Enterprises	12	53,275,064	(462,174)	3	10,281,440	(425,637)	15	63,556,504	(887,811)
Municipal Securities	20	7,815,221	(134,998)	29	11,056,185	(410,148)	49	18,871,406	(545,146)
Total	40	\$96,650,130	\$(1,008,317)	32	\$21,337,625	\$(835,785)	72	\$117,987,755	\$(1,844,102)

The table below shows the proceeds received from sales of securities available for sale and gross realized gains and losses.

	For the Year Ended December 31,		
	2018	2017	2016
Gross proceeds	\$21,434,634	\$20,231,265	\$36,218,087
Gross realized gains	104,634	154,692	384,963

Gross realized losses (99,899) (108,872) (4,059)

The tax provision related to these gains was \$994 and \$15,578 for the year ended December 31, 2018 and 2017, respectively.

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS****4. LOANS AND ALLOWANCE FOR LOAN LOSSES**

Major classifications of loans (net of deferred loan fees of \$156,309 at December 31, 2018, and \$152,047 at December 31, 2017) are shown in the table below.

	December 31, 2018	December 31, 2017
Commercial	\$54,829,078	\$51,723,237
Commercial real estate:		
Construction	7,304,300	2,317,857
Other	143,703,401	140,186,324
Consumer:		
Real estate	63,787,411	70,797,973
Other	5,040,077	5,155,249
Total loans	274,664,267	270,180,640
Allowance for loan losses	(4,214,331)	(3,875,398)
Total loans, net	\$270,449,936	\$266,305,242

We had \$101.9 million and \$113.4 million of loans pledged as collateral to secure funding with the Federal Reserve Bank (“FRB”) Discount Window at December 31, 2018 and 2017, respectively.

Our portfolio grading analysis estimates the capability of the borrower to repay the contractual obligations of the loan agreements as scheduled. Our internal credit risk grading system is based on experience with similarly graded loans, industry best practices, and regulatory guidance. Our portfolio is graded in its entirety.

Our internally assigned grades pursuant to the Board-approved lending policy are as follows:

Excellent (1) The borrowing entity has more than adequate cash flow, unquestionable strength, strong earnings and capital, and where applicable, no overdrafts.

Good (2) The borrowing entity has dependable cash flow, better than average financial condition, good capital and usually no overdrafts.

Satisfactory (3) The borrowing entity has adequate cash flow, satisfactory financial condition, and explainable overdrafts (if any).

Watch (4) The borrowing entity has generally adequate, yet inconsistent cash flow, cyclical earnings, weak capital, loan to/from stockholders, and infrequent overdrafts. The borrower has consistent yet sometimes unpredictable sales and growth.

OAEM (5) The borrowing entity has marginal cash flow, occasional past dues, and frequent and unexpected working capital needs.

Substandard (6) The borrowing entity has cash flow barely sufficient to service debt, deteriorated financial condition, and bankruptcy is a possibility. The borrowing entity has declining sales, rising costs, and may need to look for secondary source of repayment.

Doubtful (7) The borrowing entity has negative cash flow. Survival of the business is at risk, full repayment is unlikely, and there are frequent and unexplained overdrafts. The borrowing entity shows declining trends and no operating profits.

Loss (8) The borrowing entity has negative cash flow with no alternatives. Survival of the business is unlikely.

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

The following tables illustrate credit risks by category and internally assigned grades at December 31, 2018 and December 31, 2017. "Pass" includes loans internally graded as excellent, good and satisfactory.

	December 31, 2018					Total
	Commercial	Commercial Real Estate Construction	Commercial Real Estate Other	Consumer Real Estate	Consumer Other	
Pass	\$50,663,356	\$ 7,304,300	\$136,804,420	\$60,480,317	\$4,726,494	\$259,978,887
Watch	1,973,675	—	4,938,711	2,077,341	226,117	9,215,844
OAEM	157,300	—	590,294	350,000	—	1,097,594
Sub-Standard	2,034,747	—	1,369,976	879,753	87,466	4,371,942
Doubtful	—	—	—	—	—	—
Loss	—	—	—	—	—	—
Total	\$54,829,078	\$ 7,304,300	\$143,703,401	\$63,787,411	\$5,040,077	\$274,664,267

	December 31, 2017					Total
	Commercial	Commercial Real Estate Construction	Commercial Real Estate Other	Consumer Real Estate	Consumer Other	
Pass	\$47,456,205	\$ 1,936,335	\$134,401,977	\$68,570,298	\$4,933,696	\$257,298,511
Watch	2,403,978	381,522	3,605,621	1,934,802	185,746	8,511,669
OAEM	—	—	610,806	—	—	610,806
Sub-Standard	1,863,054	—	1,567,920	292,873	35,807	3,759,654
Doubtful	—	—	—	—	—	—
Loss	—	—	—	—	—	—
Total	\$51,723,237	\$ 2,317,857	\$140,186,324	\$70,797,973	\$5,155,249	\$270,180,640

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

The following tables include an aging analysis of the recorded investment in loans segregated by class.

	December 31, 2018						Recorded Investment ≥ 90 Days and Accruing
	30-59 Days Past Due	60-89 Days Past Due	Greater Than 90 Days	Total Past Due	Current	Total Loans Receivable	
Commercial	\$266,567	\$17,492	\$229,395	\$513,454	\$54,315,624	\$54,829,078	\$ —
Commercial Real Estate	—	—	—	—	7,304,300	7,304,300	—
Construction	—	—	—	—	—	—	—
Commercial Real Estate Other	35,000	215,049	571,292	821,341	142,882,060	143,703,401	—
Consumer Real Estate	—	—	—	—	63,787,411	63,787,411	—
Consumer Other	24,621	—	—	24,621	5,015,456	5,040,077	—
Total	\$326,188	\$232,541	\$800,687	\$1,359,416	\$273,304,851	\$274,664,267	\$ —

	December 31, 2017						Recorded Investment ≥ 90 Days and Accruing
	30-59 Day Past Due	60-89 Days Past Due	Greater Than 90 Days	Total Past Due	Current	Total Loans Receivable	
Commercial	\$3,531	\$192,846	\$—	\$196,377	\$51,526,860	\$51,723,237	\$ —
Commercial Real Estate	—	—	—	—	2,317,857	2,317,857	—
Construction	—	—	—	—	—	—	—
Commercial Real Estate Other	—	—	651,578	651,578	139,534,746	140,186,324	—
Consumer Real Estate	—	—	—	—	70,797,973	70,797,973	—
Consumer Other	10,302	—	34,107	44,409	5,110,840	5,155,249	34,107
Total	\$13,833	\$192,846	\$685,685	\$892,364	\$269,288,276	\$270,180,640	\$34,107

There were no loans 90 days or more past due and still accruing interest at December 31, 2018. There were two loans 90 days or more past due and still accruing interest at December 31, 2017.

The following table summarizes the balances of non-accrual loans.

	Loans Receivable on Non-Accrual	
	December 31, 2018	December 31, 2017
Commercial	\$251,219	\$41,651
Commercial Real Estate Construction	—	—
Commercial Real Estate Other	571,292	790,208
Consumer Real Estate	—	—
Consumer Other	1,023	—
Total	\$823,534	\$831,859

BANK OF SOUTH CAROLINA CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

The following tables set forth the changes in the allowance and an allocation of the allowance by class at December 31, 2018, 2017, and 2016. The allowance consists of specific and general components. The specific component relates to loans that are individually classified as impaired. The general component covers non-impaired loans and is based on historical loss experience adjusted for current economic factors.

	December 31, 2018					Total
	Commercial Commercial Construction	Commercial Real Estate	Commercial Real Estate Other	Consumer Real Estate	Consumer Other	
Allowance for Loan Losses:						
Beginning Balance	\$ 1,403,588	\$ 23,638	\$ 1,549,755	\$ 796,918	\$ 101,499	\$ 3,875,398
Charge-offs	(31,250)	—	—	—	(84,637)	(115,887)
Recoveries	14,000	—	56,827	45,412	13,581	129,820
Provisions	279,075	40,238	(314,236)	(455,745)	775,668	325,000
Ending Balance	\$ 1,665,413	\$ 63,876	\$ 1,292,346	\$ 386,585	\$ 806,111	\$ 4,214,331
	December 31, 2017					Total
	Commercial Commercial Construction	Commercial Real Estate	Commercial Real Estate Other	Consumer Real Estate	Consumer Other	
Allowance for Loan Losses						
Beginning Balance	\$ 1,545,188	\$ 51,469	\$ 1,374,706	\$ 726,391	\$ 153,863	\$ 3,851,617
Charge-offs	—	—	(180,587)	—	(4,862)	(185,449)
Recoveries	6,000	—	87,030	60,000	1,200	154,230
Provisions	(147,600)	(27,831)	268,606	10,527	(48,702)	55,000
Ending Balance	\$ 1,403,588	\$ 23,638	\$ 1,549,755	\$ 796,918	\$ 101,499	\$ 3,875,398
	December 31, 2016					Total
	Commercial Commercial Construction	Commercial Real Estate	Commercial Real Estate Other	Consumer Real Estate	Consumer Other	
Allowance for Loan Losses						
Beginning Balance	\$ 896,854	\$ 59,861	\$ 1,345,094	\$ 941,470	\$ 174,548	\$ 3,417,827
Charge-offs	(33,046)	—	(78,300)	(82,015)	(14,934)	(208,295)

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Recoveries	—	—	65,000	—	7,085	72,085
Provisions	681,380	(8,392)	42,912	(133,064)	(12,836)	570,000
Ending Balance	\$1,545,188	\$ 51,469	\$ 1,374,706	\$726,391	\$ 153,863	\$3,851,617

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

The following tables present, by class and reserving methodology, the allocation of the allowance for loan losses and the gross investment in loans.

	December 31, 2018					
	Commercial	Commercial Real Estate Construction	Commercial Real Estate Other	Consumer Real Estate	Consumer Other	Total
Allowance for Loan Losses						
Individually evaluated for impairment	\$1,132,805	\$—	\$37,416	\$—	\$21,324	\$1,191,545
Collectively evaluated for impairment	532,608	63,876	1,254,930	386,585	784,787	3,022,786
Total Allowance for Loan Losses	\$1,665,413	\$63,876	\$1,292,346	\$386,585	\$806,111	\$4,214,331
Loans Receivable						
Individually evaluated for impairment	\$1,996,579	\$—	\$1,280,890	\$879,753	\$21,324	\$4,178,546
Collectively evaluated for impairment	52,832,499	7,304,300	142,422,511	62,907,658	5,018,753	270,485,721
Total Loans Receivable	\$54,829,078	\$7,304,300	\$143,703,401	\$63,787,411	\$5,040,077	\$274,664,267

	December 31, 2017					
	Commercial	Commercial Real Estate Construction	Commercial Real Estate Other	Consumer Real Estate	Consumer Other	Total
Allowance for Loan Losses						
Individually evaluated for impairment	\$832,571	\$—	\$99,523	\$43,042	\$34,107	\$1,009,243
Collectively evaluated for impairment	571,017	23,638	1,450,232	753,876	67,392	2,866,155
Total Allowance for Losses	\$1,403,588	\$23,638	\$1,549,755	\$796,918	\$101,499	\$3,875,398
Loans Receivable						
Individually evaluated for impairment	\$1,812,461	\$—	\$1,584,821	\$292,873	\$34,107	\$3,724,262
	49,910,776	2,317,857	138,601,503	70,505,100	5,121,142	266,456,378

Collectively evaluated for
impairment

Total Loans Receivable	\$51,723,237	\$2,317,857	\$140,186,324	\$70,797,973	\$5,155,249	\$270,180,640
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BANK OF SOUTH CAROLINA CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

As of December 31, 2018 and 2017, loans individually evaluated for impairment and the corresponding allowance for loan losses are presented in the following table.

	Impaired and Restructured Loans as of the year ended December 31,					
	2018 Unpaid Principal Balance	Recorded Investment	Related Allowance	2017 Unpaid Principal Balance	Recorded Investment	Related Allowance
With no related allowance recorded:						
Commercial	\$115,983	\$115,983	\$—	\$152,490	\$152,490	\$—
Commercial Real Estate	—	—	—	—	—	—
Construction	—	—	—	—	—	—
Commercial Real Estate Other	974,249	974,249	—	1,058,601	1,058,601	—
Consumer Real Estate	879,753	879,753	—	249,754	249,754	—
Consumer Other	—	—	—	—	—	—
Total	\$1,969,985	\$1,969,985	\$—	\$1,460,845	\$1,460,845	\$—
With an allowance recorded:						
Commercial	\$1,880,596	\$1,880,596	\$1,132,805	\$1,659,971	\$1,659,971	\$832,571
Commercial Real Estate	—	—	—	—	—	—
Construction	—	—	—	—	—	—
Commercial Real Estate Other	406,442	306,641	37,416	626,021	526,220	99,523
Consumer Real Estate	—	—	—	43,119	43,119	43,042
Consumer Other	21,324	21,324	21,324	34,107	34,107	34,107
Total	\$2,308,362	\$2,208,561	\$1,191,545	\$2,363,218	\$2,263,417	\$1,009,243
Total						
Commercial	\$1,996,579	\$1,996,579	\$1,132,805	\$1,812,461	\$1,812,461	\$832,571
Commercial Real Estate	—	—	—	—	—	—
Construction	—	—	—	—	—	—
Commercial Real Estate Other	1,380,691	1,280,890	37,416	1,684,622	1,584,821	99,523
Consumer Real Estate	879,753	879,753	—	292,873	292,873	43,042
Consumer Other	21,324	21,324	21,324	34,107	34,107	34,107
Total	\$4,278,347	\$4,178,546	\$1,191,545	\$3,824,063	\$3,724,262	\$1,009,243

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

The following table presents average impaired loans and interest income recognized on those impaired loans, by class segment, for the periods indicated.

	For the year ended December 31,					
	2018		2017		2016	
	Average Recorded Investment	Interest Income Recognized	Average Recorded Investment	Interest Income Recognized	Average Recorded Investment	Interest Income Recognized
With no related allowance recorded:						
Commercial	\$ 133,413	\$ 8,637	\$ 173,964	\$ 7,416	\$ 267,747	\$ 12,282
Commercial Real Estate	—	—	—	—	—	—
Construction	—	—	—	—	—	—
Commercial Real Estate Other	982,078	40,174	1,275,402	23,084	2,267,288	81,582
Consumer Real Estate	879,753	51,520	451,025	16,938	1,242,515	22,111
Consumer Other	—	—	—	—	—	—
Total	\$ 1,995,244	\$ 100,331	\$ 1,900,391	\$ 47,438	\$ 3,777,550	\$ 115,975
With an allowance recorded:						
Commercial	\$ 1,915,139	\$ 100,395	\$ 1,711,259	\$ 76,544	\$ 1,087,559	\$ 49,985
Commercial Real Estate	—	—	—	—	—	—
Construction	—	—	—	—	—	—
Commercial Real Estate Other	416,569	10,999	930,420	5,367	1,047,685	16,138
Consumer Real Estate	—	—	43,119	1,296	43,155	1,514
Consumer Other	26,314	1,382	36,056	1,419	94,945	5,533
Total	\$ 2,358,022	\$ 112,776	\$ 2,720,854	\$ 84,626	\$ 2,273,344	\$ 73,170
Total						
Commercial	\$ 2,048,552	\$ 109,032	\$ 1,885,223	\$ 83,960	\$ 1,355,306	\$ 62,267
Commercial Real Estate	—	—	—	—	—	—
Construction	—	—	—	—	—	—
Commercial Real Estate Other	1,398,647	51,173	2,205,822	28,451	3,314,973	97,720
Consumer Real Estate	879,753	51,520	494,144	18,234	1,285,670	23,625
Consumer Other	26,314	1,382	36,056	1,419	94,945	5,533
Total	\$ 4,353,266	\$ 213,107	\$ 4,621,245	\$ 132,064	\$ 6,050,894	\$ 189,145

In general, the modification or restructuring of a debt is considered a troubled debt restructuring (“TDR”) if we, for economic or legal reasons related to a borrower’s financial difficulties, grant a concession to the borrower that we

would not otherwise consider. As of December 31, 2018, there were no TDRs compared to one TDR with a balance of \$33,300 as of December 31, 2017 and two TDRs with a total balance of \$378,392 as of December 31, 2016. These TDRs were granted extended payment terms with no principal reduction. All TDRs were performing as agreed as of December 31, 2017. No TDRs that were modified within the previous twelve months defaulted during the following year for the years ended December 31, 2018, 2017, and 2016.

5. CONCENTRATIONS OF CREDIT RISK

We grant short to intermediate term commercial and consumer loans to customers throughout our primary market area of Charleston, Berkeley and Dorchester counties of South Carolina. Our primary market area is heavily dependent on tourism and medical and legal services. Although we have a diversified loan portfolio, a substantial portion of our debtors' ability to honor their contracts is dependent upon the stability of the economic environment in their primary market. The majority of the loan portfolio is located in our immediate market area with a concentration in real estate related activities and offices, medical offices, and attorneys' offices.

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

Our loans were concentrated in the following categories.

	December		December	
	31, 2018	%	31, 2017	%
Commercial	19.96	%	19.14	%
Commercial Real Estate Construction	2.67	%	0.86	%
Commercial Real Estate Other	52.32	%	51.89	%
Consumer Real Estate	23.22	%	26.20	%
Consumer Other	1.83	%	1.91	%
Total Loans	100.00	%	100.00	%

6. Premises, Equipment and Leasehold Improvements

Premises, equipment and leasehold improvements are summarized in the table below.

	December	
	31, 2018	31, 2017
Bank buildings	\$1,861,237	\$1,824,613
Land	838,075	838,075
Leasehold purchases	30,000	30,000
Leasehold improvements	709,520	690,212
Construction in progress	120,849	11,754
Equipment	3,526,404	3,405,686
	7,086,085	6,800,340
Accumulated depreciation	(4,750,878)	(4,555,815)
Total	\$2,335,207	\$2,244,525

Depreciation and amortization on our bank premises and equipment charged to operating expense totaled \$195,063 in 2018, \$193,298 in 2017, and \$189,188 in 2016.

We entered into agreements to lease parking and office facilities under non-cancellable operating lease agreements expiring on various dates through 2039. We may, at our option, extend the lease of our Summerville office at 100

North Main Street for two additional ten-year periods; as well as extend the land lease where our Mt. Pleasant office is located for five additional five-year periods.

We rent office space at 1071 Morrison Drive, Charleston, South Carolina, from a related party, to house our Mortgage Department. Rent expense for this lease was \$60,840, \$54,720, and \$51,690 for the years ended December 31, 2018, 2017, and 2016, respectively. This lease expires June 30, 2019.

We own the land and improvements at our West Ashley office located at 2027 Sam Rittenberg Boulevard, Charleston, South Carolina.

Management intends to exercise its option on all lease agreements. Lease payments below include the lease renewals. Minimum rental commitments for these leases as of December 31, 2018 are presented in the table below.

2019	\$619,492
2020	589,492
2021	589,492
2022	589,492
2023 and thereafter	8,603,721
Total	\$10,991,689

Total rental expense was \$622,396, \$612,717, and \$594,567 in 2018, 2017 and 2016, respectively.

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

On January 28, 2014, we signed a lease to open a banking office located on Highway 78, North Charleston, South Carolina (copy of the lease incorporated as Exhibit 10.8 in the 2013 10-K and copy of the Assignment and Assumption of Lease incorporated as Exhibit 10.9, First Amendment to the Lease incorporated as Exhibit 10.10 and Second Amendment to the Lease incorporated as Exhibit 10.11 in the 2015 10-K). The original lease agreement was terminated and a new lease agreement was executed on July 31, 2017 for the same location (copy of lease incorporated as Exhibit 10.13 in the June 30, 2017 10Q). The building is expected to be completed in the second half of 2019. Rental payments do not commence until we take control of our space. As of December 31, 2018, we have spent \$120,849 towards the construction of this office.

7. OTHER REAL ESTATE OWNED

The following table summarizes the activity in other real estate owned at December 31, 2018 and December 31, 2017.

	December 31, 2018	December 31, 2017
Balance, beginning of the year	\$435,479	\$521,943
Additions - foreclosure	—	90,832
Sales	(411,842)	(90,832)
Write-downs	(23,637)	(86,464)
Balance, end of the year	\$—	\$435,479

As of December 31, 2018, there were no properties classified as OREO. One property valued at \$411,842 was sold at a loss of \$33,476 during 2018. As of December 31, 2017, we had one property with a balance of \$435,479 classified as OREO. Another property valued at \$90,832 and classified as OREO during 2017 was sold at a loss of \$1,477.

8. DEPOSITS

As of December 31, 2018 and 2017, certificates of deposit of \$250,000 or more totaled approximately \$15,909,991 and \$18,624,924, respectively.

The scheduled maturities of certificates of deposit as of December 31, 2018 are presented in the table below:

2019	\$32,319,817
2020	675,338
2021	579,684
2022	402,255
2023 and thereafter	491,631
	\$34,468,725

As of December 31, 2018, deposits with a deficit balance of \$43,118 were re-classified as other loans.

9. Short-Term Borrowings

Securities sold under agreements to repurchase with customers mature on demand. At December 31, 2018 and 2017, there were no securities sold under agreements to repurchase. There was no amount outstanding at any month-end during 2018 and 2017.

At December 31, 2018 and 2017, we had no outstanding federal funds purchased. We have a Borrower-In-Custody arrangement with the Federal Reserve. This arrangement permits the Company to retain possession of loans pledged as collateral to secure advances from the Federal Reserve Discount Window. Under this agreement, we may borrow up to \$79.3 million. We established this arrangement as an additional source of liquidity. There have been no borrowings under this arrangement.

At December 31, 2018 and 2017, the Bank had unused short-term lines of credit totaling approximately \$23.0 million (which are withdrawable at the lender's option).

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS****10. Income Taxes**

On December 22, 2017, the President of the United States signed into law the 2017 Tax Act. The 2017 Tax Act includes a number of changes to the existing U.S. tax laws that impact the Company, most notably a reduction in the U.S. corporate income tax rate from 34 percent to 21 percent for tax years beginning after December 31, 2017.

The Company recognized the income tax effects of the 2017 Tax Act in its 2017 consolidated financial statements in accordance with Staff Accounting Bulletin No. 118, which provides SEC staff guidance for the application of ASC Topic 740, *Income Taxes*, in the reporting period in which the 2017 Tax Act was signed into law. As such, the Company's financial results reflect the income tax effects of the 2017 Tax Act for which the accounting under ASC Topic 740 is incomplete but a reasonable estimate could be determined. The Company did not identify items for which the income tax effects of the 2017 Tax Act have not been completed and a reasonable estimate could not be determined as of December 31, 2017.

Total income taxes for the years ended December 31, 2018, 2017 and 2016 are presented in the table below.

	For the year ended December 31,		
	2018	2017	2016
Income tax expense	\$1,108,982	\$2,814,634	\$1,688,433
Unrealized gains (losses) on securities available for sale presented in accumulated other comprehensive income (loss)	(192,280)	(116,007)	(939,482)
Total	\$916,702	\$2,698,627	\$748,951

Income tax expense was as follows:

	For the year ended December 31,		
	2018	2017	2016
Current income taxes			
Federal	\$1,326,619	\$2,538,272	\$2,438,687
State	—	—	—
Total current tax expense	1,326,619	2,538,272	2,438,687

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Deferred income tax (benefit) expense	(217,637)	276,362	(750,254)
Total income tax expense	\$1,108,982	\$2,814,634	\$1,688,433

The differences between actual income tax expense and the amounts computed by applying the U.S. federal income tax rate of 21% to pretax income from continuing operations for the periods indicated are reconciled in the table below.

	For the year ended December 31,		
	2018	2017	2016
Computed “expected” tax expense	\$1,686,702	\$2,623,595	\$2,358,069
Increase (reduction) in income taxes resulting from:			
Tax rate change impact	—	666,674	—
Amortization of credit and gain	196,477	163,411	163,411
Stock based compensation	15,205	24,378	26,012
Valuation Allowance	7,538	16,952	4,314
Other	38,938	(4,768)	(203,854)
State income tax, net of federal benefit	(226,578)	(329,412)	(319,525)
Federal Credits	(454,985)	—	—
Tax exempt interest income	(154,315)	(346,196)	(339,994)
	\$1,108,982	\$2,814,634	\$1,688,433

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

The tax effects of temporary differences that give rise to significant portions of the deferred tax assets and deferred tax liabilities at December 31, 2018 and 2017 are presented below.

	December 31, 2018	December 31, 2017
Deferred tax assets:		
Allowance for loan losses	\$850,964	\$782,714
State credit carryforward	647,190	488,052
Unrealized gain (loss) on securities available for sale	472,421	284,877
Passthrough income	68,438	70,603
State net operating loss carryforward	74,791	67,253
Nonaccrual interest	27,956	19,209
Other real estate owned	—	18,157
Other	6,155	5,214
Total gross deferred tax assets	2,147,915	1,736,079
Valuation allowance	(74,791)	(67,253)
Total gross deferred tax assets, net of valuation allowance	2,073,124	1,668,826
Deferred tax liabilities:		
Fixed assets, principally due to differences in depreciation	(39,294)	(36,424)
Deferred loan fees	(32,825)	(31,930)
Other	(56,481)	(53,591)
Prepaid expenses	(210)	(210)
	(128,810)	(122,155)
Net deferred tax assets	\$1,944,314	\$1,546,671

In 2018, the Company invested in a Federal Rehabilitation Credit. The tax credit was used during the year ended December 31, 2018. Amortization expense recognized for the year ended December 31, 2018 was \$354,888. In 2016, the Company invested in a South Carolina Rehabilitation Credit. The tax credit is included in deferred tax assets and is being amortized. Amortization expense recognized for the years ended December 31, 2018 and 2017 was \$306,105, and is included in other operating expense on the statement of operations.

There was a \$74,791 valuation allowance for deferred tax assets at December 31, 2018 associated with the Company's state net operating loss. In assessing the realization of deferred tax assets, management considers whether it is more

likely than not that some portion or all of the deferred tax assets will not be realized. The ultimate realization of deferred income tax assets is dependent upon the generation of future taxable income during the periods in which those temporary differences become deductible and prior to their expiration governed by the income tax code. Management considers the scheduled reversal of deferred tax liabilities, projected future taxable income, and tax planning strategies in making this assessment. Based upon the level of historical taxable income and projections for future taxable income over the periods during which the deferred income tax assets are expected to be deductible, management believes it is more likely than not the Company will realize the benefits of these deductible differences, net of the existing valuation allowance at December 31, 2018. The amount of the deferred income tax asset considered realizable, however, could be reduced in the near term if estimates of future taxable income during the carry forward period are reduced.

The Company measures deferred tax assets and liabilities using enacted tax rates that will apply in the years in which the temporary differences are expected to be recovered or paid. Accordingly, the Company's deferred tax assets and liabilities were remeasured to reflect the reduction in the U.S. corporate income tax rate from 34 percent to 21 percent, resulting in a \$666,674 increase in income tax expense for the year ended December 31, 2017 and a corresponding \$666,674 decrease in net deferred tax assets as of December 31, 2017.

The Company has analyzed the tax positions taken or expected to be taken in its tax returns and concluded it has no liability related to uncertain tax positions in accordance with applicable regulations.

Tax returns for 2015 and subsequent years are subject to examination by taxing authorities.

BANK OF SOUTH CAROLINA CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

11. Commitments and Contingencies

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 and standby letters of credit. Those instruments involve, to varying degrees, elements of credit, interest rate, and liquidity risk. Our exposure to credit loss in the event of nonperformance by the other party to the financial instrument for commitments to extend credit and standby letters of credit is essentially the same as that involved in extending loan facilities to customers. We use the same credit policies in making commitments and conditional obligations as we do for on-balance sheet 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 amounts do not necessarily represent future cash requirements. If deemed necessary, the amount of collateral obtained upon extension of credit is based on our credit evaluation of the borrower. Collateral held varies, but may include accounts receivable, negotiable instruments, inventory, property, plant and equipment, and real estate. Commitments to extend credit, including unused lines of credit, amounted to \$96,115,504 and \$92,869,285 at December 31, 2018 and 2017, respectively.

Standby letters of credit represent our obligation to a third party contingent upon the failure by our customer to perform under the terms of an underlying contract with the third party or obligates us to guarantee or stand as surety for the benefit of the third party. The underlying contract may entail either financial or nonfinancial obligations and may involve such things as the shipment of goods, performance of a contract, or repayment of an obligation. Under the terms of a standby letter, generally drafts will be drawn only when the underlying event fails to occur as intended. We can seek recovery of the amounts paid from the borrower. Commitments under standby letters of credit are usually for one year or less. At December 31, 2018 and 2017, we have recorded no liability for the current carrying amount of the obligation to perform as a guarantor; as such amounts are not considered material. The maximum potential amount of undiscounted future payments related to standby letters of credit at December 31, 2018 and 2017 was \$1,169,644 and \$1,219,644, respectively.

12. RELATED PARTY TRANSACTIONS

In the opinion of management, loans to our executive officers and directors are made on substantially the same terms, including interest rates and collateral, as those terms prevailing at the time for comparable loans with persons not

related to the lender that do not involve more than the normal risk of collectability. There were no past due loans to our executive officers as of December 31, 2018 and 2017.

The table below summarizes related party loans.

	December 31, 2018	December 31, 2017
Balance at beginning of the year	\$4,569,780	\$3,944,140
New loans or advances	1,428,098	2,879,435
Repayments	(1,596,169)	(2,253,795)
Balance at the end of the year	\$4,401,710	\$4,569,780

At December 31, 2018 and 2017, total deposits held by related parties were \$8,914,967 and \$7,180,958, respectively.

The Company also leased office space from a related party as discussed in the Premises, Equipment and Leasehold Improvements footnote.

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS****13. Other Expense**

The table below summarizes of the components of other operating expense.

	For the year ended December 31,		
	2018	2017	2016
Advertising and business development	\$12,217	\$10,844	\$16,159
Supplies	85,984	75,965	94,006
Telephone and postage	175,520	207,526	194,853
Insurance	43,866	44,613	42,192
Professional fees	459,348	451,882	431,424
Data processing services	579,666	585,497	594,550
State and FDIC insurance and fees	183,867	165,280	242,926
Courier service	54,044	82,907	96,823
Amortization of state tax credit	306,106	306,105	325,000
Amortization of federal tax credit	354,888	—	—
Other	697,957	587,118	601,843
Total other operating expenses	\$2,953,463	\$2,517,737	\$2,639,776

14. Stock Incentive Plan

We have a Stock Incentive Plan which was approved in 1998 with 180,000 (329,422 adjusted for five 10% stock dividends and a 25% stock dividend) shares reserved and a Stock Incentive Plan which was approved in 2010 with 300,000 (363,000 adjusted for two 10% stock dividends) shares reserved. Under both plans, options are periodically granted to employees at a price not less than the fair market value of the shares at the date of grant. Employees become 20% vested after five years and then vest 20% each year until fully vested. The right to exercise each such 20% of the options is cumulative and will not expire until the tenth anniversary of the date of the grant. All employees are eligible to participate in this plan if the Executive/Long-Range Committee, in its sole discretion, determines that such person has contributed or can be expected to contribute to our profits or growth.

Option awards are generally granted with an exercise price equal to the market price of the Company's common stock at the date of grant. The fair value of each option award is estimated on the date of grant using a closed form option valuation (Black-Scholes) model that uses the assumptions noted in the table below. Expected volatilities are based on historical volatilities of our common stock. The expected term of the options granted shall not exceed ten years from

the date of grant (the amount of time options granted are expected to be outstanding). The risk-free interest rate for the expected term of the option is based on the U.S. Treasury yield curve in effect at the time of the grant.

The fair value of options granted was determined using the following weighted-average assumptions as of grant date:

	2018	2017	2016
Risk free interest rate	2.88 %	2.43 %	2.33 %
Expected life (in years)	7.5	7.5	10
Expected stock price volatility	33.69%	34.20%	27.95 %
Dividend yield	3.61 %	4.00 %	3.47 %

There are currently no options to purchase or shares exercisable under the 1998 Omnibus Stock Incentive Plan as of December 31, 2018.

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

The following table presents a summary of the activity under the 1998 and 2010 Omnibus Stock Incentive Plans for the years ended December 31.

	2018		2017		2016	
	Shares	Weighted Average Exercise Price	Shares	Weighted Average Exercise Price	Shares	Weighted Average Exercise Price
Outstanding, January 1	117,191	\$ 10.79	154,085	\$ 10.19	201,151	\$ 9.97
Granted	11,275	18.23	10,175	20.72	11,000	14.54
Expired	—	—	—	—	—	—
Exercised	(24,056)	8.96	(36,454)	9.57	(43,100)	9.51
Forfeited	(1,650)	20.02	(10,615)	15.83	(14,966)	12.28
Outstanding, December 31	102,760	\$ 11.89	117,191	\$ 10.79	154,085	\$ 10.19
Exercisable at year end	32,219	\$ 8.81	31,694	\$ 8.77	13,882	\$ 10.35

Information has been retroactively adjusted for the 2018 10% stock dividends as applicable.

The following table presents information pertaining to options outstanding at December 31, 2018.

December 31, 2018

Exercise Price	Number of Options Outstanding	Weighted Average Remaining Contractual Life	Weighted Average Exercise Price	Intrinsic Value of Options Outstanding	Number of Options Exercisable	Weighted Average Exercise Price	Intrinsic Value of Options Exercisable
\$ 8.61	41,075	6.33	\$ 8.61	\$ 353,656	24,645	\$ 8.61	\$ 277,504
\$ 8.90	2,541	1.75	\$ 8.90	\$ 22,615	2,033	\$ 8.90	\$ 22,300
\$ 9.18	7,199	3.50	\$ 9.18	\$ 66,087	2,880	\$ 9.18	\$ 30,783
\$ 9.65	2,420	2.25	\$ 9.65	\$ 23,353	1,452	\$ 9.65	\$ 14,840
\$ 9.92	1,815	3.75	\$ 9.92	\$ 18,005	726	\$ 9.92	\$ 7,224
\$ 12.26	5,444	5.59	\$ 12.26	\$ 66,743	—	\$ 12.26	\$ —
\$ 12.40	2,419	5.00	\$ 12.40	\$ 29,996	484	\$ 12.40	\$ 3,614
\$ 13.05	14,217	6.33	\$ 13.05	\$ 185,532	—	\$ 13.05	\$ —

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\$13.62	3,630	6.50	\$ 13.62	\$ 49,441	—	\$ 13.62	\$ —
\$14.54	5,500	7.25	\$ 14.54	\$ 79,970	—	\$ 14.54	\$ —
\$18.23	10,450	9.25	\$ 18.23	\$ 190,504	—	\$ 18.23	\$ —
\$19.00	2,750	8.17	\$ 19.00	\$ 52,250	—	\$ 19.00	\$ —
\$19.82	3,300	8.09	\$ 19.82	\$ 65,406	—	\$ 19.82	\$ —
	102,760	6.26	\$ 11.71	\$ 1,203,558	32,220	\$ 11.71	\$ 356,265

All relevant information has been retroactively adjusted for the 2018 10% stock dividends as applicable.

The total intrinsic value of options exercised during the years ended December 31, 2018, 2017, and 2016, were \$262,415, \$311,836, and \$273,979, respectively.

We recognized compensation cost for the years ended December 31, 2018, 2017 and 2016 in the amount of \$72,408, \$71,701, and \$76,529, respectively, related to the granted options.

As of December 31, 2018, there was a total of \$248,027 in unrecognized compensation cost related to nonvested share-based compensation arrangements granted under the Plan. The cost is expected to be recognized over a weighted average period of 4.19 years.

BANK OF SOUTH CAROLINA CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

15. EMPLOYEE STOCK OWNERSHIP PLAN AND TRUST

We established an Employee Stock Ownership Plan (“ESOP”) effective January 1, 1989. Any employee of the Bank is eligible to become a participant in the ESOP upon reaching 21 years of age and credited with one-year of service (1,000 hours of service). The employee may enter the Plan on the January 1st that occurs nearest the date on which the employee first satisfies the age and service requirements described above. No contributions by employees are permitted. The amount and time of contributions are at the sole discretion of the Board of Directors of the Bank. The contribution for all participants is based solely on each participant’s respective regular or base salary and wages paid by the Bank including commissions, bonuses and overtime, if any.

The Company recognizes expense when the contribution is approved by the Board of Directors. The total expenses amounted to \$420,000, \$375,000, and \$345,000 during the years ended December 31, 2018, 2017, and 2016, respectively. The plan currently owns 308,613 shares of common stock of Bank of South Carolina Corporation.

A participant vests in the ESOP based upon the participant’s credited years of service. The vesting schedule is as follows:

1 Year of Service	0% Vested
2 Years of Service	25% Vested
3 Years of Service	50% Vested
4 Years of Service	75% Vested
5 Years of Service	100% Vested

Periodically, the Internal Revenue Service “IRS” requires a restatement of a qualified retirement plan to ensure that the plan document includes provisions required by legislative and regulatory changes made since the last restatement. There have been no substantive changes to the plan. The Board of Directors approved a restated plan, on January 26, 2012 (incorporated as Exhibit 10.5 in the 2011 10-K). The Plan was submitted to the IRS for approval and a determination letter was issued September 26, 2013, stating that the plan satisfies the requirements of Code Section 4975(e)(7). On January 26, 2017, the Board of Directors approved a restated plan (incorporated as Exhibit 10.6 in the 2016 10-K). The Plan was submitted to the IRS for approval and a determination letter was issued November 17, 2017, stating that the plan satisfies the requirements of Code Section 4975(e)(7).

16. DIVIDENDS

The Bank's ability to pay dividends to the Company is restricted by the laws and regulations of the State of South Carolina. Generally, these restrictions allow the Bank to pay dividends from current earnings without the prior written consent of the South Carolina Commissioner of Banking, if it received a satisfactory rating at its most recent examination. Cash dividends when declared, are paid by the Bank to the Company for distribution to shareholders of the Company. The Bank paid dividends of \$3.8 million, \$2.7 million, and \$2.3 million to the Company during the years ended December 31, 2018, 2017 and 2016, respectively.

On April 10, 2018, the Company's Board of Directors declared a ten percent stock dividend to our shareholders. The record date was April 30, 2018 and the distribution date was May 31, 2018. Earnings per share and average shares outstanding have been adjusted for all periods presented to retroactively reflect the stock dividend in our consolidated financial statements. Total shares outstanding increased by 499,095 shares.

17. Income Per Common Share

Basic income per share is computed by dividing net income by the weighted-average number of common shares outstanding. Diluted income per share is computed by dividing net income by the weighted-average number of common shares and potential common shares outstanding. Potential common shares consist of dilutive stock options determined using the treasury stock method and the average market price of common stock. Earnings per share and average shares outstanding have been adjusted for all periods presented to retroactively reflect the ten percent stock dividend declared on April 10, 2018.

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

The following table is a summary of the reconciliation of average shares outstanding for the years ended December 31.

	2018	2017	2017
Numerator:			
Net income	\$6,922,934	\$4,901,825	\$5,247,063
Denominator:			
Weighted average shares outstanding	5,500,027	5,471,001	5,428,884
Effect of dilutive shares	88,985	97,492	132,855
Weighted average shares outstanding - diluted	5,589,012	5,568,493	5,561,739
Earnings per share - basic	\$1.26	\$0.90	\$0.97
Earnings per share - diluted	\$1.24	\$0.88	\$0.94

18. Regulatory Capital Requirements

The Company and the Bank are subject to various capital requirements administered by the federal banking agencies. Failure to meet minimum capital requirements can initiate certain mandatory and possible additional discretionary actions by regulators that, if undertaken, could have a direct material effect on the Company and the Bank's financial statements. Under capital adequacy guidelines and the regulatory framework for prompt corrective action, the Bank must meet specific capital guidelines that involve quantitative measures of the assets, liabilities, and certain off balance sheet items as calculated under regulatory accounting practices. The Bank's capital amounts and classification are also subject to qualitative judgements by the regulators about components, risk weightings, and other factors.

Current quantitative measures established by regulation to ensure capital adequacy require that we maintain minimum amounts and ratios (set forth in the table below) of total and Tier 1 capital (as defined in the regulation) to risk-weighted assets (as defined) and to average assets. We believe that the Company and the Bank meet all capital adequacy requirements to which they were subject at December 31, 2018 and 2017.

On July 2, 2013, the Federal Reserve Board approved the final rules implementing the Basel Committee on Banking Supervision's ("BCBS") capital guidelines for U.S. banks ("Basel III"). Following the actions by the Federal Reserve, the FDIC also approved regulatory capital requirements on July 9, 2013. The FDIC's rule is identical in substance to the

final rules issued by the Federal Reserve Bank.

Basel III became effective on January 1, 2015. The purpose is to improve the quality and increase the quantity of capital for all banking organizations. The minimum requirements for the quantity and quality of capital were increased. The rule includes a new common equity Tier 1 capital to risk-weighted assets ratio of 4.50% and a common equity Tier 1 capital conservation buffer of 2.50% of risk-weighted assets. The rule also raises the minimum ratio of Tier 1 capital to risk-weighted assets from 4.00% to 6.00% and requires a minimum leverage ratio of 4.00%. In addition, the rule also implements strict eligibility criteria for regulatory capital instruments and improves the methodology for calculating risk-weighted assets to enhance risk sensitivity. All final rule requirements will be phased in over a multi-year schedule. The capital conservation buffer in effect for the year ended December 31, 2018 was 8.39%.

At December 31, 2018, the Bank was categorized as “well capitalized” under Basel III. To be categorized as “well capitalized” the Bank must maintain minimum total risk based, Tier 1 risk based, common equity Tier 1 risk based capital and Tier 1 leverage ratios of 10.00%, 8.00%, 6.50%, and 5.00%, respectively, and to be categorized as “adequately capitalized,” the Bank must maintain minimum total risk based, Tier 1 risk based, common equity Tier 1 risk based capital, and Tier 1 leverage ratios of 8.00%, 6.00%, 4.50%, and 4.00%, respectively.

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

The following tables present the actual and required capital amounts and ratios for the Company and Bank at December 31, 2018 and 2017:

	December 31, 2018					
	Actual		For Capital Adequacy Purposes		To Be Well Capitalized Under Prompt Corrective Action Provisions	
	Amount	Ratio	Amount	Ratio	Amount	Ratio
<i>(in thousands)</i>						
Total capital to risk-weighted assets:						
Company	\$50,657	16.69 %	\$24,280	8.00 %	N/A	N/A
Bank	\$49,695	16.39 %	\$24,262	8.00 %	\$30,328	10.00 %
Tier 1 capital to risk-weighted assets:						
Company	\$46,864	15.44 %	\$18,210	6.00 %	N/A	N/A
Bank	\$45,898	15.13 %	\$18,197	6.00 %	\$24,262	8.00 %
Tier 1 capital to average assets:						
Company	\$46,864	10.76 %	\$17,428	4.00 %	N/A	N/A
Bank	\$45,898	10.54 %	\$17,419	4.00 %	\$21,773	5.00 %
Common equity Tier 1 capital:						
Company	\$46,864	15.44 %	\$13,658	4.50 %	N/A	N/A
Bank	\$45,898	15.13 %	\$13,647	4.50 %	\$13,647	4.50 %

December 31, 2017

	Actual		For Capital Adequacy Purposes		To Be Well Capitalized Under Prompt Corrective Action Provisions	
	Amount	Ratio	Amount	Ratio	Amount	Ratio

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<i>(in thousands)</i>	Amount	Ratio	Amount	Ratio	Amount	Ratio
Total capital to risk-weighted assets:						
Company	\$47,986	15.97%	\$23,213	8.00 %	N/A	N/A
Bank	\$47,100	15.69%	\$24,020	8.00 %	\$30,025	10.00%
Tier 1 capital to risk-weighted assets:						
Company	\$44,253	14.73%	\$17,410	6.00 %	N/A	N/A
Bank	\$43,344	14.44%	\$18,015	6.00 %	\$24,020	8.00 %
Tier 1 capital to average assets:						
Company	\$44,253	10.01%	\$16,738	4.00 %	N/A	N/A
Bank	\$43,344	9.82 %	\$17,661	4.00 %	\$22,077	5.00 %
Common equity Tier 1 capital:						
Company	\$44,253	14.73%	\$13,058	4.50 %	N/A	N/A
Bank	\$43,344	14.44%	\$13,511	4.50 %	\$19,516	6.50 %

BANK OF SOUTH CAROLINA CORPORATION

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

19. Disclosures Regarding Fair Value of Financial Instruments

Fair value measurements apply whenever GAAP requires or permits assets or liabilities to be measured at fair value either on a recurring or nonrecurring basis. Fair value is the price that would be received to sell an asset or paid to transfer a liability in the principal or most advantageous market in an orderly transaction between market participants at the measurement date. An orderly transaction is a transaction that assumes exposure to the market for a period prior to the measurement date to allow for marketing activities that are usual and customary for transactions involving such assets or liabilities; it is not a forced transaction. GAAP establishes a hierarchy for inputs used in measuring fair value that maximizes the use of observable inputs and minimizes the use of unobservable inputs. Observable inputs, which are developed based on market data we have obtained from independent sources, are ones that market participants would use in pricing an asset or liability. Unobservable inputs, which are developed based on the best information available in the circumstances, reflect our estimate of assumptions that market participants would use in pricing an asset or liability.

The fair value hierarchy gives the highest priority to unadjusted quoted market prices in active markets for identical assets or liabilities (Level 1 measurement) and the lowest priority to unobservable inputs (Level 3 measurement). The fair value hierarchy is broken down into three levels based on the reliability of inputs as follows:

Level 1: valuation is based upon unadjusted quoted market prices for identical instruments traded in active markets.
Level 2: valuation is based upon quoted market prices for similar instruments traded in active markets, quoted market prices for identical or similar instruments traded in markets that are not active and model-based valuation techniques for which all significant assumptions are observable in the market or can be corroborated by market data.
Level 3: valuation is derived from other valuation methodologies, including discounted cash flow models and similar techniques that use significant assumptions not observable in the market. These unobservable assumptions reflect estimates of assumptions that market participants would use in determining fair value.

Fair value estimates are made at a specific point of time, based on relevant market information and information about the financial instrument. These estimates do not reflect any premium or discount that could result from offering for sale our entire holdings of a particular financial instrument. Because no active market exists for a significant portion of our financial instruments, fair value estimates are based on judgements regarding future expected loss experience, current economic conditions, current interest rates and prepayment trends, risk characteristics of various financial instruments, and other factors. These estimates are subjective in nature and involve uncertainties and matters of significant judgement and therefore cannot be determined with precision. Changes in any of these assumptions used in calculating fair value also would affect significantly the estimates. In addition, the tax ramifications related to the realization of the unrealized gains and losses can have a significant effect on fair value estimates and have not been considered in any of these estimates.

The following paragraphs describe the valuation methodologies used for assets and liabilities recorded at fair value on a recurring basis:

Investment Securities Available for Sale

Investment securities are recorded at fair value on a recurring basis and are based upon quoted prices if available. If quoted prices are not available, fair value is measured using independent pricing models or other model-based valuation techniques such as the present value of future cash flows, adjusted for the security's credit rating, prepayment assumptions and other factors such as credit loss assumptions. Level 1 securities include those traded on an active exchange such as the New York Stock Exchange, or by dealers or brokers in active over-the counter markets. Level 2 securities include mortgage backed securities issued by government sponsored entities, municipal bonds and corporate debt securities. Securities classified as Level 3 include asset-backed securities in less liquid markets.

Derivative Instruments

Derivative instruments include interest rate lock commitments and forward sale commitments. These instruments are valued based on the change in the value of the underlying loan between the commitment date and the end of the period. We classify these instruments as Level 3.

We had no embedded derivative instruments requiring separate accounting treatment. We had freestanding derivative instruments consisting of fixed rate conforming loan commitments with interest rate locks and commitments to sell fixed rate conforming loans on a best efforts basis. We do not currently engage in hedging activities. Based on the short-term fair value of mortgage loans held for sale (derivative contract), our derivative instruments were immaterial to our consolidated financial statements as of December 31, 2018 and 2017.

BANK OF SOUTH CAROLINA CORPORATION**NOTES TO CONSOLIDATED FINANCIAL STATEMENTS**

Assets and liabilities measured at fair value on a recurring basis at December 31, 2018 and 2017 are in the following table.

	Balance as of December 31, 2018			
	Quoted Market Price in Active Markets Level 1	Significant Other Observable Inputs Level 2	Significant Unobservable Inputs Level 3	Total
U.S. Treasury Notes	\$32,356,634	\$—	\$—	\$32,356,634
Government-Sponsored Enterprises	—	59,369,280	—	59,369,280
Municipal Securities	—	21,701,005	6,241,955	27,942,960
Total	\$32,356,634	\$81,070,285	\$6,241,955	\$119,668,874

	Balance as of December 31, 2017			
	Quoted Market Price in Active Markets Level 1	Significant Other Observable Inputs Level 2	Significant Unobservable Inputs Level 3	Total
U.S. Treasury Notes	\$35,559,845	\$—	\$—	\$35,559,845
Government-Sponsored Enterprises	—	63,556,504	—	63,556,504
Municipal Securities	—	28,675,012	11,458,889	40,133,901
Total	\$35,559,845	\$92,231,516	\$11,458,889	\$139,250,250

There were no liabilities recorded at fair value on a recurring basis as of December 31, 2018 or 2017.

The following table reconciles the changes in assets measured at fair value on a recurring basis using significant unobservable inputs (Level 3) for the years ended December 31, 2018 and 2017.

	December 31, 2018	December 31, 2017
Beginning balance	\$ 11,458,889	\$ 13,977,857
Total realized/unrealized gains (losses)		
Included in earnings	—	—
Included in other comprehensive income	150,993	137,751
Purchases, issuances, and settlements, net of maturities	(5,367,927)	(2,656,719)
Transfers in and/or out of Level 3	—	—
Ending balance	\$ 6,241,955	\$ 11,458,889

There were no transfers between fair value levels in 2018 or 2017.

The following paragraphs describe the valuation methodologies used for assets and liabilities recorded at fair value on a nonrecurring basis:

OREO

Loans, secured by real estate, are adjusted to the lower of the recorded investment in the loan or the fair value of the real estate upon transfer to OREO. Subsequently, OREO is carried at the lower of carrying value or fair value. Fair value is based upon independent market prices, appraised values of the collateral or our estimation of the value of the collateral. When the fair value of the collateral is based on an observable market price or a current appraisal, we record the asset as nonrecurring Level 2. When an appraised value is not available or we determine the fair value of the collateral is further impaired below the appraised value and there is no observable market price, we record the asset as nonrecurring Level 3.

BANK OF SOUTH CAROLINA CORPORATION

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Impaired Loans

Impaired loans are carried at the lower of recorded investment or fair value. The fair value of the collateral less estimated costs to sell is the most frequently used method. Typically, we review the most recent appraisal and if it is over 12 to 18 months old we may request a new third party appraisal. Depending on the particular circumstances surrounding the loan, including the location of the collateral, the date of the most recent appraisal and the value of the collateral relative to the recorded investment in the loan, we may order an independent appraisal immediately or, in some instances, may elect to perform an internal analysis. Specifically, as an example, in situations where the collateral on a nonperforming commercial real estate loan is out of our primary market area, we would typically order an independent appraisal immediately, at the earlier of the date the loan becomes nonperforming or immediately following the determination that the loan is impaired.

However, as a second example, on a nonperforming commercial real estate loan where we are familiar with the property and surrounding areas and where the original appraisal value far exceeds the recorded investment in the loan, we may perform an internal analysis whereby the previous appraisal value would be reviewed considering recent current conditions, and known recent sales or listings of similar properties in the area, and any other relevant economic trends. This analysis may result in the call for a new appraisal. These valuations are reviewed and updated on a quarterly basis.

In accordance with ASC 820, *Fair Value Measurement*, impaired loans, where an allowance is established based on the fair value of collateral, require classification in the fair value hierarchy. At December 31, 2018 and December 31, 2017, substantially all of the impaired loans were evaluated based on the fair value of the collateral. These impaired loans are classified as Level 3. Impaired loans measured using discounted future cash flows are not deemed to be measured at fair value.

Mortgage Loans to be Sold

Mortgage loans to be sold carried at the lower of cost or market value. The fair values of mortgage loans to be sold are based on current market rates from investors within the secondary market for loans with similar characteristics. Carrying value approximates fair value. These loans are classified as Level 2.

Certain assets and liabilities are measured at fair value on an ongoing basis; that is, the instruments are not measured at fair value on an ongoing basis but are subject to fair value adjustments in certain circumstances (for example, when there is evidence of impairment). The following tables present information about certain assets and liabilities measured at fair value on a nonrecurring basis at December 31, 2018 and 2017.

December 31, 2018

	Quoted Market Price in Active Markets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total
Impaired loans	\$ —	\$ —	\$ 2,223,028	\$ 2,223,028
Other real estate owned	—	—	—	—
Loans held for sale	—	1,199,438	—	1,199,438
Total	\$ —	\$ 1,199,438	\$ 2,223,028	\$ 3,422,466

December 31, 2017

	Quoted Market Price in Active Markets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total
Impaired loans	\$ —	\$ —	\$ 1,735,051	\$ 1,735,051
Other real estate owned	—	—	435,479	435,479
Mortgage loans to be sold	—	2,093,723	—	2,093,723
Total	\$ —	\$ 2,093,723	\$ 2,170,530	\$ 4,264,253

**BANK OF SOUTH CAROLINA CORPORATION
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There were no liabilities measured at fair value on a nonrecurring basis as of December 31, 2018 or 2017.

The following table provides information describing the unobservable inputs used in Level 3 fair value measurements at December 31, 2018:

	Inputs Valuation Technique	Unobservable Input	General Range of Inputs
Impaired Loans	Appraisal Value/Comparison Sales/Other Estimates	Appraisals and/or Sales of Comparable Properties	Appraisals Discounted 10% to 20% for Sales Commissions and Other Holding Costs
Other Real Estate Owned	Appraisal Value/Comparison Sales/Other Estimates	Appraisals and/or Sales of Comparable Properties	Appraisals Discounted 10% to 20% for Sales Commissions and Other Holding Costs

Accounting standards require disclosure of fair value information for all of our assets and liabilities that are considered financial instruments, whether or not recognized on the balance sheet, for which it is practicable to estimate fair value.

Under the accounting standard, fair value estimates are based on existing financial instruments without attempting to estimate the value of anticipated future business and the value of the assets and liabilities that are not financial instruments. Accordingly, the aggregate fair value amounts of existing financial instruments do not represent the underlying value of those instruments on our books.

The following paragraphs describe the methods and assumptions we use in estimating the fair values of financial instruments:

- a. Cash and due from banks, interest-bearing deposits at the Federal Reserve Bank

The carrying value approximates fair value. All mature within 90 days and do not present unanticipated credit concerns.

b. Investment securities available for sale

Investment securities available-for-sale are recorded at fair value on a recurring basis. Fair value measurement is based upon quoted prices, if available. If quoted prices are not available, fair values are measured using independent pricing models or other model-based valuation techniques such as the present value of future cash flows, adjusted for the security's credit rating, prepayment assumptions and other factors such as credit loss assumptions.

c. Loans

During the first quarter of 2018, the Company adopted ASU 2016-01, *Recognition and Measurement of Financial Assets and Liabilities*. The amendments included within this standard, which are applied prospectively, require the Company to measure and disclose fair value of balance sheet financial instruments using an exit price notion. Prior to adopting the amendments included in the standard, the Company measured fair value under an entry price notion. The entry price notion previously applied by the Company used a discounted cash flows technique to calculate the present value of expected future cash flows for a financial instrument. The exit price notion uses the same approach, but also incorporates other factors, such as enhanced credit risk, illiquidity risk, and market factors that sometimes exist in exit prices in dislocated markets.

As of December 31, 2018, the technique used by the Company to estimate the exit price of the loan portfolio consists of similar procedures to those used as of December 31, 2017, but with added emphasis on both illiquidity risk and credit risk not captured by the previously applied entry price notion. The fair value of the Company's loan portfolio has always included a credit risk assumption in the determination of the fair value of its loans. This credit risk assumption is intended to approximate the fair value that a market participant would realize in a hypothetical orderly transaction. The Company's loan portfolio is initially fair valued using a segmented approach. The Company divides its loan portfolio into the following categories: variable rate loans, impaired loans and all other loans. The results are then adjusted to account for credit risk as described above. However, under the new guidance, the Company believes a further credit risk discount must be applied through the use of a discounted cash flow model to compensate for illiquidity risk, based on certain assumptions included within the discounted cash flow model, primarily the use of discount rates that better capture inherent credit risk over the lifetime of a loan. This consideration of enhanced credit risk provides an estimated exit price for the Company's loan portfolio.

BANK OF SOUTH CAROLINA CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

For variable-rate loans that reprice frequently and have no significant change in credit risk, fair values approximate carrying values. Fair values for impaired loans are estimated using discounted cash flow models or based on the fair value of the underlying collateral.

As of December 31, 2017, the fair value of the Company's loan portfolio included a credit risk assumption in the determination of the fair value of its loans. This credit risk assumption was intended to approximate the fair value that a market participant would realize in a hypothetical orderly transaction. The Company's loan portfolio is initially fair valued using a segmented approach. The Company divides its loan portfolio into the following categories: variable rate loans, impaired loans and all other loans. The results are then adjusted to account for credit risk. For variable-rate loans that reprice frequently and have no significant change in credit risk, fair values approximate carrying values. Fair values for impaired loans are estimated using discounted cash flow models or based on the fair value of the underlying collateral. For other loans, fair values are estimated using discounted cash flow models, using current market interest rates offered for loans with similar terms to borrowers of similar credit quality. The values derived from the discounted cash flow approach for each of the above portfolios are then further discounted to incorporate credit risk. The methods utilized to estimate the fair value of loans do not necessarily represent an exit price as of December 31, 2017.

d. Deposits

The estimated fair value of deposits with no stated maturity is equal to the carrying amount. The fair value of time deposits is estimated by discounting contractual cash flows, using interest rates currently being offered on the deposit products. The fair value estimates for deposits do not include the benefit that results from the low cost funding provided by the deposit liabilities as compared to the cost of alternative forms of funding (deposit base intangibles).

e. Accrued interest receivable and payable

Since these financial instruments will typically be received or paid within three months, the carrying amounts of such instruments are deemed a reasonable estimate of fair value.

f. Loan commitments

Estimates of the fair value of these off-balance sheet items are not made because of the short-term nature of these arrangements and the credit standing on the counterparties.

The following tables present the carrying amount, fair value, and placement in the fair value hierarchy of our financial instruments as of December 31, 2018 and 2017, respectively.

	Fair Value Measurements at December 31, 2018				
	Carrying Amount	Estimated Fair Value	Level 1	Level 2	Level 3
Financial Assets:					
Cash and due from banks	\$ 6,325,457	\$ 6,325,457	\$ 6,325,457	\$ —	\$ —
Interest-bearing deposits at the Federal Reserve	25,506,784	25,506,784	25,506,784	—	—
Investment securities available for sale	119,668,874	119,668,874	32,356,634	81,070,285	6,241,955
Mortgage loans to be sold	1,199,438	1,199,438	—	1,199,438	—
Loans, net	270,449,936	263,780,751	—	—	263,780,751
Accrued interest receivable	1,561,915	1,561,915	—	1,561,915	—
Financial Liabilities:					
Demand deposits	347,909,663	347,909,663	—	347,909,663	—
Time deposits	34,468,725	38,747,898	—	38,747,898	—
Accrued interest payable	163,876	163,876	—	163,876	—

	Fair Value Measurements at December 31, 2017				
	Carrying Amount	Estimated Fair Value	Level 1	Level 2	Level 3
Financial Assets:					
Cash and due from banks	\$8,486,025	\$8,486,025	\$8,486,025	\$—	\$—
Interest-bearing deposits at the Federal Reserve	24,034,194	24,034,194	24,034,194	—	—
Investment securities available for sale	139,250,250	139,250,250	35,559,845	92,231,516	11,458,889
Mortgage loans to be sold	2,093,723	2,093,723	—	2,093,723	—
Net loans	266,305,242	265,277,204	—	—	265,277,204
Accrued interest receivable	1,720,920	1,720,920	—	1,720,920	—
Financial Liabilities:					
Demand deposits	360,967,884	360,967,884	—	360,967,884	—
Time deposits	41,920,416	40,722,870	—	40,722,870	—
Accrued interest payable	96,190	96,190	—	96,190	—

BANK OF SOUTH CAROLINA CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

20. Bank of South Carolina Corporation - Parent Company

The Company's principal source of income is dividends from the Bank. Certain regulatory requirements restrict the amount of dividends which the Bank can pay to the Company. The Company's principal asset is its investment in its Bank subsidiary. The Company's condensed statements of financial condition as of December 31, 2018 and 2017, and the related condensed statements of income and cash flows for the years ended December 31, 2018, 2017 and 2016, are as follows:

Condensed Statements of Financial Condition

	2018	2017
Assets		
Cash	\$1,007,501	\$947,216
Investment in wholly-owned bank subsidiary	45,103,068	42,437,503
Other assets	178,629	127,274
Total assets	\$46,289,198	\$43,511,993
Liabilities and shareholders' equity		
Other liabilities	\$826,637	\$747,358
Shareholders' equity	45,462,561	42,764,635
Total liabilities and shareholders' equity	\$46,289,198	\$43,511,993

BANK OF SOUTH CAROLINA CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Condensed Statements of Income

	For the years ended December 31,		
	2018	2017	2016
Interest income	\$1,157	\$484	\$571
Net operating expenses	(224,316)	(189,872)	(177,612)
Dividends received from bank	3,775,000	2,685,000	2,340,000
Equity in undistributed earnings of subsidiary	3,371,093	2,406,213	3,084,104
Net income	\$6,922,934	\$4,901,825	\$5,247,063

Condensed Statements of Cash Flows

	For the years ended December 31,		
	2018	2017	2016
Cash flows from operating activities:			
Net income	\$6,922,934	\$4,901,825	\$5,247,063
Stock-based compensation expense	72,408	71,701	76,529
Equity in undistributed earnings of subsidiary	(3,371,093)	(2,406,213)	(3,084,104)
Decrease in other assets	(51,355)	(51,197)	(55,923)
(Decrease) Increase in other liabilities	(6,333)	151	—
Net cash provided by operating activities	3,566,561	2,516,267	2,183,565
Cash flows from financing activities:			
Dividends paid	(3,699,845)	(2,832,489)	(2,613,715)
Stock options exercised	193,569	340,843	405,749
Net cash used in financing activities	(3,506,276)	(2,491,646)	(2,207,966)
Net increase (decrease) in cash	60,285	24,621	(24,401)
Cash at the beginning of the year	947,216	922,595	946,996
Cash at the end of the year	\$1,007,501	\$947,216	\$922,595
Supplemental disclosure for non-cash investing and financing activity			
Change in dividends payable	\$85,615	\$53,340	\$74,706

BANK OF SOUTH CAROLINA CORPORATION
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

21. Quarterly Results of Operations (unaudited)

The tables below represent the quarterly results of operations for the years ended December 31, 2018 and 2017, respectively:

	2018			
	Fourth	Third	Second	First
Total interest and fee income	\$4,727,449	\$4,665,586	\$4,423,867	\$4,320,009
Total interest expense	249,425	195,434	139,697	109,830
Net interest income	4,478,024	4,470,152	4,284,170	4,210,179
Provision for loan losses	95,000	100,000	75,000	55,000
Net interest income after provision for loan losses	4,383,024	4,370,152	4,209,170	4,155,179
Total other income	532,891	458,693	555,096	447,945
Total other expense	2,970,411	2,816,474	2,651,515	2,641,834
Income before income tax expense	1,945,504	2,012,371	2,112,751	1,961,290
Income tax expense	139,310	234,218	386,394	349,060
Net income	\$1,806,194	\$1,778,153	\$1,726,357	\$1,612,230
Basic income per common share	\$0.33	\$0.32	\$0.31	\$0.29
Diluted income per common share	\$0.32	\$0.32	\$0.31	\$0.29

	2017			
	Fourth	Third	Second	First
Total interest and fee income	\$4,327,409	\$4,117,032	\$3,933,285	\$3,791,421
Total interest expense	109,934	110,625	106,522	96,782
Net interest income	4,217,475	4,006,407	3,826,763	3,694,639
Provision for loan losses	2,500	20,000	30,000	2,500
Net interest income after provision for loan losses	4,214,975	3,986,407	3,796,763	3,692,139
Other income	538,236	481,882	696,479	551,874
Other expense	2,696,005	2,484,538	2,590,123	2,471,630
Income before income tax expense	2,057,206	1,983,751	1,903,119	1,772,383
Income tax expense	1,208,507	543,098	516,734	546,295
Net income	\$848,699	\$1,440,653	\$1,386,385	\$1,226,088
Basic income per common share	\$0.15	\$0.26	\$0.25	\$0.22
Diluted income per common share	\$0.15	\$0.26	\$0.25	\$0.22

Item 9. Changes In and Disagreements With Accountants on Accounting and Financial Disclosure

None

Item 9A. Controls and Procedures

An evaluation of the Company's disclosure controls and procedures (as defined in Rule 13a-15(e) and Rule 15d-15(e) promulgated under the Securities and Exchange Act of 1934 as amended (the "Act") was carried out as of December 31, 2018 under the supervision and with the participation of the Bank of South Carolina Corporation's management, including its President/Chief Executive Officer and the Chief Financial Officer/Executive Vice President and several other members of the Company's senior management. Based upon that evaluation, Bank of South Carolina Corporation's management, including the President/Chief Executive Officer and the Chief Financial Officer/Executive Vice President concluded that, as of December 31, 2018, the Company's disclosure controls and procedures were effective in ensuring that the information the Company is required to disclose in the reports filed or submitted under the Act has been (i) accumulated and communicated to management (including the President/Chief Executive Officer and Chief Financial Officer/Executive Vice President) to allow timely decisions regarding required disclosure, and (ii) recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms.

Management's Report on Internal Control Over Financial Reporting

The Company's management is responsible for establishing and maintaining adequate internal controls over financial reporting, as such term is defined in Rule 13a-15(f) of the Exchange Act. The Company's internal control over financial reporting is designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of published financial statements in accordance with generally accepted accounting principles.

Under the supervision and with the participation of management, including the President/Chief Executive Officer and the Chief Financial Officer/Executive Vice President, the Company's management has evaluated the effectiveness of its internal control over financial reporting as of December 31, 2018, based on the 2013 framework established in a report entitled "*Internal Control-Integrated Framework*" issued by the Committee of Sponsoring Organizations of the Treadway Commission.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

The Company's management assessed the effectiveness of the Company's internal control over financial reporting as of December 31, 2018. Based on this assessment, management believes that as of December 31, 2018, the Company's internal control over financial reporting was effective. There were no changes in the Company's internal control over financial reporting that occurred during the year ended December 31, 2018, that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

This annual report does not include an attestation report of the Company's registered public accounting firm regarding internal control over financial reporting. Management's report is not subject to attestation by the Company's registered public accounting firm pursuant to the final ruling by the Securities and Exchange Commission that permit the Company to provide only management's report in its annual report.

The Audit and Compliance Committee, composed entirely of independent Directors, meets periodically with management, the Company's Compliance Officer, Risk Management Officer and Elliott Davis, LLC (separately and jointly) to discuss audit, financial and related matters. Elliott Davis, LLC, the Compliance Officer, and the Risk Management Officer have direct access to the Audit and Compliance Committee.

Item 9B. Other Information

There was no information required to be disclosed in a report on Form 8-K during the fourth quarter of 2018 that was not reported.

PART III

Item 10. Directors, Executive Officers, Promoters and Corporate Governance

The information required by this item contained under the sections captioned “Proposal 1: To elect eighteen Directors of Bank of South Carolina Corporation to serve until the Company’s 2019 Annual Meeting of Shareholders” and “Meetings and Committees of the Board of Directors and Corporate Governance Matters” included in the Company’s definitive Proxy Statement for its Annual Meeting of Shareholders to be held on April 9, 2019, a copy of which has been filed with the SEC, the “Proxy Statement”, is incorporated in this document by reference.

Executive Officers The information concerning the Company’s executive officers is contained under the section captioned “Proposal 1: To elect eighteen Directors of Bank of South Carolina Corporation to serve until the Company’s 2019 Annual Meeting of Shareholders,” included in the Company’s Proxy Statement, and is incorporated in this document by reference.

Audit and Compliance Committee Financial Expert The Audit and Compliance Committee of the Company is composed of Directors Linda J. Bradley McKee, PhD, CPA, David W. Bunch, William L. Hiott, Jr., Karen J. Phillips, and Steve D. Swanson (Chairman). The Board has selected the Audit and Compliance Committee members based on its determination that they are qualified to oversee the accounting and financial reporting processes of the Company and audits of the Company’s financial statements. Each member of the Audit and Compliance Committee is “independent” as defined in the NASDAQ Stock Market listing standards for audit committee members.

The Board of Directors has determined that Linda J. Bradley McKee, PhD, CPA, qualifies as a financial expert within the meaning of SEC rules and regulations and has designated Dr. Bradley McKee as the Audit and Compliance Committee financial expert. Director Bradley McKee is independent as that term is used in Schedule 14A promulgated under the Exchange Act.

Code of Ethics The Company has adopted a “Code of Ethics”, applicable to the Chairman of the Board of Directors, the President/Chief Executive Officer, the Chief Financial Officer/Executive Vice President, the Chief Operating Officer/Executive Vice President and the Senior Lender/Executive Vice President and a “Code of Conduct” for Directors, officers and employees. A copy of these policies may be obtained at the Company’s website: <http://www.banksc.com>.

Compliance with Insider Reporting The information contained under the section captioned “Section 16(a) Beneficial Ownership Reporting Compliance” is included on page 15 of the Company’s Proxy Statement and is incorporated in

this document by reference.

Change in Bylaws The Company and the Bank each amended their bylaws on December 21, 2017 to (i) prohibit the offices of Chairman of the Board of Directors and President/Chief Executive Officer be held by the same person and(ii) provide that the President/Chief Executive Officer will report to the Chairman of the Board of Directors.

Item 11. Executive Compensation

The information required by this item is incorporated by reference to the Section captioned “Directors Compensation” and “Executive Compensation-Compensation Discussion and Analysis” included in the Proxy Statement.

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

Security Ownership and Certain Beneficial Owners

Information required by this item is incorporated in this document by reference to the Section captioned “Security Ownership of Certain Beneficial Owners and Management”, included in the Proxy Statement.

Security Ownership of Management

Information required by this item is incorporated in this document by reference to the Section captioned “Security Ownership of Certain Beneficial Owners and Management”, included in the Proxy Statement.

Changes in Control

Management is not aware of any arrangements, including any pledge by any shareholder of the Company, the operation of which may at a subsequent date result in a change of control of the Company.

Item 13. Certain Relationships and Related Transactions, and Director Independence

The information required by this item is incorporated in this document by reference to the Sections captioned “Proposal 1: To elect eighteen Directors of Bank of South Carolina Corporation to serve until the Company’s 2020 Annual Meeting of Shareholders” and “Meetings and Committees of the Board of Directors and Corporate Governance Matters”, included in the Proxy Statement.

Item 14. Principal Accounting Fees and Services

The information required by this item is incorporated in this document by reference to “Proposal 4: To ratify the appointment by the Audit and Compliance Committee of the Company’s Board of Directors of Elliott Davis, LLC as the Company’s independent registered public accounting firm for the year ended December 31, 2019” and “Auditing and Related Fees”, included in the Proxy Statement.

PART IV

Item 15. Exhibits and Financial Statement Schedules

The Consolidated Financial Statements and Report of Independent Auditors are included in this Form 10-K and listed on pages as indicated.

	Page
(1) <u>Report of Independent Registered Public Accounting Firm</u>	28
(2) <u>Consolidated Balance Sheets</u>	29
(3) <u>Consolidated Statements of Income</u>	30
(4) <u>Consolidated Statements of Comprehensive Income</u>	31
(5) <u>Consolidated Statements of Shareholders' Equity</u>	32
(6) <u>Consolidated Statements of Cash Flows</u>	33
(7) <u>Notes to Consolidated Financial Statements</u>	34 - 66

2. Exhibits

- 2.0 Plan of Reorganization (Filed with 1995 10-KSB)
- 3.0 Articles of Incorporation of the Registrant (Filed with 1995 10-KSB)
- 3.1 By-laws of the Registrant (Filed with 1995 10-KSB)
- 3.2 Amendments to the Articles of Incorporation of the Registrant (Filed with Form S-3 on June 23, 2011)
- 4.0 2019 Proxy Statement (Filed with 2018 10-K)
- 10.0 Lease Agreement for 256 Meeting Street (Filed with 1995 10-KSB)
- 10.1 Sublease Agreement for Parking Facilities at 256 Meeting Street (Filed with 1995 10-KSB)
- 10.2 Lease Agreement for 100 N. Main Street, Summerville, SC (Filed with 1995 10-KSB)
- 10.3 Lease Agreement for 1337 Chuck Dawley Blvd., Mt. Pleasant, SC (Filed with 1995 10-KSB)
- 10.4 Lease Agreement for 1071 Morrison Drive, Charleston, SC (Filed with 2010 10-K)
Lease Agreement for 1071 Morrison Drive, Charleston, SC (Filed with March 31, 2013 10-Q)
- 10.5 1998 Omnibus Stock Incentive Plan (Filed with 2008 10-K/A)
- 10.6 Employee Stock Ownership Plan (Filed with 2008 10-K/A)
Employee Stock Ownership Plan, Restated (Filed with 2011 Proxy Statement)
Employee Stock Ownership Plan, Restated (Incorporated herein)
- 10.7 2010 Omnibus Incentive Stock Option Plan (Filed with 2010 Proxy Statement)
- 10.8 Lease Agreement for Highway 78 Ingleside Boulevard North Charleston, SC (Filed with 2013 10-K)
- 10.9 Assignment and Assumption of Lease Agreement for Highway 78 Ingleside Boulevard North Charleston, SC (Filed with 2015 10-K)
- 10.10 First Amendment to Lease Agreement for Highway 78 Ingleside Boulevard North Charleston, SC (Filed with 2015 10-K)
- 10.11

Second Amendment to Lease Agreement for Highway 78 Ingleside Boulevard North Charleston, SC (Filed with 2015 10-K)

10.12 Extension to Lease Agreement for 256 Meeting Street (Filed with September 30, 2017 10-Q)

10.13 North Charleston Lease Agreement (Filed with June 30, 2017 10-Q)

10.14 Sublease Amendment for Parking Facilities at 256 Meeting Street (Filed with September 30, 2017 10-Q)

13.0 2018 10-K (Incorporated herein)

14.0 Code of Ethics (Filed with 2004 10-KSB)

21.0 List of Subsidiaries of the Registrant (Filed with 1995 10-KSB)

The Registrant's only subsidiary is The Bank of South Carolina (Filed with 1995 10-KSB)

31.1 Certification pursuant to Rule 13a-14(a)/15d-14(a) by the Principal Executive Officer

31.2 Certification pursuant to Rule 13a-14(a)/15d-14(a) by the Principal Financial Officer

32.1 Certification pursuant to Section 1350

32.2 Certification pursuant to Section 1350

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) 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.

Date: March 4, 2019 BANK OF SOUTH CAROLINA CORPORATION

By:/s/ Fleetwood S. Hassell
Fleetwood S. Hassell
President/Chief Executive Officer

By:/s/ Eugene H. Walpole, IV
Eugene H. Walpole, IV
Chief Financial Officer/Executive Vice President

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated:

March 4, 2019 /s/ David W. Bunch
David W. Bunch, Director

March 4, 2019 /s/ Graham M. Eubank, Jr.
Graham M. Eubank, Jr., Director

March 4, 2019 /s/ Elizabeth M. Hagood
Elizabeth M. Hagood, Director

March 4, 2019 /s/ Fleetwood S. Hassell
Fleetwood S. Hassell, President/
Chief Executive Officer, Director

March 4, 2019 /s/ Glen B. Haynes, DVM
Glen B. Haynes, DVM, Director

March 4, 2019 /s/ William L. Hiott, Jr.
William L. Hiott, Jr., Director

March 4, 2019 /s/ Richard W. Hutson, Jr.
Richard W. Hutson, Jr., Director

March 4, 2019 /s/ Charles G. Lane
Charles G. Lane, Director

March 4, 2019 /s/ Hugh C. Lane, Jr.
Hugh C. Lane, Jr., Chairman of the Board, Director

March 4, 2019 /s/ Linda J. Bradley McKee, PHD, CPA
Linda J. Bradley McKee, PHD, CPA, Director

March 4, 2019 /s/ Alan I. Nussbaum
Alan I. Nussbaum, MD, Director

March 4, 2019 /s/ Edmund Rhett, Jr.
Edmund Rhett, Jr., MD, Director

March 4, 2019 /s/ Karen J. Phillips
Karen J. Phillips, Director

March 4, 2019 /s/ Malcolm M. Rhodes
Malcolm M. Rhodes, MD, Director

March 4, 2019 /s/ Douglas H. Sass
Douglas H. Sass, Executive Vice President, Director

March 4, 2019 /s/ Sheryl G. Sharry
Sheryl G. Sharry, Director

March 4, 2019 /s/ Steve D. Swanson
Steve D. Swanson, Director

March 4, 2019 /s/ Susanne K. Boyd
Chief Operating Officer/Executive Vice President, Director

March 4, 2019 /s/ Eugene H. Walpole, IV
Chief Financial Officer/Executive Vice President, Director