

2018 by the Numbers



Organizations Served by Our Volunteers

Employees Volunteered 31 of those held officer positions

\$2.61 Earnings Per Share **12.07%** Return on Equity

Top 50 Best Banks to Work For and

TOP 200 Community Banks

(based on three-year average ROE) 2018 designations by

AMERICAN BANKER

Over **Small Businesses** Served



Our customers rated our service **4.79** out of **5** based on 2018 surveys.

Over **Volunteer Hours** in 2018



Over

Customers Served



Tell, we did it back-to-back! Coming off a 2017 record earnings year, we were able to beat that record by 21% thus making 2018 the best earnings year in Chesapeake Financial Shares' history. In addition, we were recognized by *American Banker* magazine as one of the "Top 200 Community Banks" in the country for the eleventh year in a row as well as being on that same periodical's "Best Banks To Work For" list for a sixth consecutive year. We are thankful for where we are and from where we've come and are excited about where we are going.

Our 2018 earnings of \$10,819,960 were reflective of our strong, consistent growth in many of our lines of business. Loans outstanding increased 4.4% in a highly competitive market and deposits increased 8.5% reflecting growth in each of our communities. This core balance sheet growth was complemented by strong growth in each of our noninterest income lines of business.

2018 also had many who made a difference in our world pass away, most notably George and Barbara Bush, John McCain, Billy Graham, author Tom Wolfe, Aretha Franklin and Frank Avruch ("Bozo the Clown"). Each had a unique contribution and the mosaic of their influence made the world a better place.

We are optimistic going into 2019 with good momentum. Please plan on joining us Friday, April 5th at Rappahannock Westminster-Canterbury in Irvington for our Annual Shareholders Meeting. I look forward to seeing you there!

Sincerely,

Jeffrey M. Szyperski

Chairman, CEO & President

Chesapeake Financial Shares, Inc.

ON THE COVER: The American Bankers Association is the united voice of America's banks – small, regional and large – that together employ more than 2 million women and men, hold nearly \$17 trillion in assets, safeguard \$13 trillion in deposits and extend more than \$10 trillion in loans.

ABA believes that government policies should recognize the industry's diversity and role as drivers of economic growth and job creation. Laws and regulations should be tailored to correspond to a bank's charter, business model, local markets and risk profile so banks across America can serve their customers and communities.

Through a broad array of information, training, staff expertise and other resources, ABA supports America's banks as they perform their critical role in energizing the economy and helping communities thrive.

SELECTED FINANCIAL INFORMATION

		2018		2017		2016		2015		2014
			(Dolla	ers in thousan	ds excep	ot ratios and p	per shar	e amounts)		
Results of Operations										
Interest income	\$	32,346	\$	29,799	\$	27,889	\$	26,801	\$	26,651
Interest expense		4,975		3,777		3,440		3,378		3,533
Net interest income		27,371		26,022		24,449		23,423		23,118
Provision for loan losses		525		950		550		241		600
Net interest income after										
provision for loan losses		26,846		25,072		23,899		23,182		22,518
Noninterest income		18,708		27,423		21,392		20,108		16,219
Noninterest expense		33,356		41,127		37,108		34,405		31,048
Income before income tax		12,198		11,368		8,183		8,885		7,689
Income tax expense		1,378		2,419		1,156		1,481		1,155
Net income	\$	10,820	\$	8,949	\$	7,027	\$	7,404	\$	6,534
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Financial Condition	ф	05/566	ф	705 221	φ.	720 761	ф	(70.050	ф	((2.10(
Total assets	\$	854,766		785,231		720,761		679,058		663,186
Total deposits		749,181		675,458		609,730		565,553		562,721
Net loans		506,204		485,174		448,418		407,405		385,304
Long-term debt		_				10,078		10,247		10,390
Short-term debt				10,006		10,873		15,803		
Trust preferred capital notes		5,155		5,155		5,155		5,155		10,310
Shareholders' equity		92,726		86,762		77,906		75,957		70,610
Average assets		820,677		774,680		710,007		667,260	(661,669
Average shareholders' equity		89,659		84,096		79,296		73,473		62,981
Key Financial Ratios										
Return on average assets		1.32%		1.16%		0.99%		1.11%		0.99%
Return on average equity*		12.07%		10.64%		8.86%		10.08%		10.37%
Cash dividends paid as a		12.07 70		10.0170		0.00,0		10,0070		10.57 70
percent of net income		20.79%		23.09%		28.06%		25.16%		27.41%
Per Share Data**										
Net income, diluted	\$	2.61	\$	2.17	\$	1.71	\$	1.82	\$	1.62
Cash dividends declared	\$	0.55	\$	0.51	\$	0.49	\$	0.47	\$	0.45
Causi arriacitas acciarca	Ψ	0.77	Ψ	0.71	Ψ	0.1/	Ψ	0.1/	\$	17.71

^{*}Return on average equity is calculated by dividing net income by average equity for the period excluding accumulated other comprehensive income or loss and unearned ESOP shares.

^{**}On July 18, 2014, the Board of Directors approved a 6 for 5 stock split of CFS's common stock payable on or before October 15, 2014. All per share information for all periods presented has been retroactively restated to reflect the stock split.

	December 31,		
	2018	2017	
Assets			
Cash and due from banks	\$ 17,763,999	\$ 15,873,514	
Interest-bearing deposits in banks and federal funds sold	30,704,586	1,757,084	
Securities available for sale, at fair value	218,926,303	202,284,752	
Other equity investments, at cost	1,933,400	2,300,300	
Loans held for sale	308,000	1,141,000	
Loans, net of allowance for loan losses of \$5,095,827 in 2018			
and \$4,495,279 in 2017	506,203,879	485,173,646	
Cash management accounts, net of allowance of \$1,552,036 in 2018			
and \$1,651,474 in 2017	32,884,399	31,238,724	
Premises and equipment, net	16,663,438	17,509,603	
Accrued interest receivable	3,558,153	3,287,300	
Bank-owned life insurance	14,797,610	14,431,127	
Foreclosed assets	2,708,399	3,199,570	
Other assets	8,314,254	7,034,210	
Total assets	\$ 854,766,420	\$ 785,230,830	
Liabilities and Shareholders' Equity			
Deposits:	4 4 6 7 6 9 9 9 9	4 4 7 0 7 0 0 0 4 0	
Demand accounts	\$ 165,628,082	\$ 158,589,012	
Savings and interest-bearing demand deposits	360,662,903	309,422,627	
Certificates of deposit			
Denominations less than \$250,000	175,674,446	164,341,599	
Denominations of \$250,000 or more	47,216,017	43,104,624	
Total deposits	\$ 749,181,448	\$ 675,457,862	
Trust preferred capital notes	5,155,000	5,155,000	
Long-term debt	_		
Short-term debt		10,006,161	
Accrued interest payable	346,424	170,698	
Accrued expenses and other liabilities	7,357,210	7,679,087	
Total liabilities	\$ 762,040,082	\$ 698,468,808	
Shareholders' equity:			
Preferred stock, par value \$1 per share; authorized			
50,000 shares; no shares outstanding	\$ —	\$ —	
Common stock, voting, par value \$5 per share; authorized			
4,800,000 shares; issued and outstanding 4,097,365 in 2018 and			
4,068,675 in 2017	20,336,660	20,140,995	
Common stock, nonvoting, par value \$5 per share; authorized			
635,000 shares; no shares outstanding		_	
Additional paid-in capital	1,849,887	1,516,257	
Retained earnings	68,333,385	60,062,597	
Accumulated other comprehensive income	2,206,406	5,042,173	
Total shareholders' equity	\$ 92,726,338	\$ 86,762,022	
Total liabilities and shareholders' equity	\$ 854,766,420	\$ 785,230,830	

CONSOLIDATED STATEMENTS OF INCOME

	Years Ended Decembe		
	2018	2017	
Interest and Dividend Income			
Interest and fees on loans	\$ 25,456,234	\$ 23,447,512	
Interest on interest-bearing deposits and federal funds sold	9,506	5,951	
Interest and dividends on securities available for sale:			
Taxable	2,060,513	1,770,152	
Nontaxable	4,679,013	4,436,158	
Dividends	140,566	138,966	
Total interest and dividend income	\$ 32,345,832	\$ 29,798,739	
Interest Expense			
Savings and interest-bearing accounts	\$ 1,414,863	\$ 911,068	
Certificates of deposit	3,004,430	2,272,369	
Short-term debt	369,050	459,228	
Long-term debt and trust preferred capital notes	186,407	134,253	
Total interest expense	\$ 4,974,750	\$ 3,776,918	
Net interest income	\$ 27,371,082	\$ 26,021,821	
Provision for loan losses	524,997	949,996	
Net interest income after provision or loan losses	\$ 26,846,085	\$ 25,071,825	
Noninterest Income			
Trust income and wealth management	\$ 3,865,560	\$ 3,613,568	
Service charges	1,155,409	1,091,378	
Net gain on sales of securities available for sale	234,689	73,095	
Merchant services, net	4,346,791	3,977,166	
Cash management fee income	4,151,301	3,760,144	
Other income	4,954,514	5,584,594	
Total noninterest income	\$ 18,708,264	\$ 18,099,945	
Total noninterest income	\$ 10,700,204	\$ 10,099,94 <i>)</i>	
Noninterest Expense	d 10 /00 F05	4.10.6/2.15 0	
Salaries and benefits	\$ 19,420,725	\$ 18,642,179	
Occupancy expenses	3,257,457	3,314,724	
Net loss on other real estate owned	15,877	3,227	
Provision for cash management account losses	80,000	120,000	
Other expenses	10,582,302	9,723,988	
Total noninterest expense	\$ 33,356,361	\$ 31,804,118	
Income before income taxes	\$ 12,197,988	\$ 11,367,652	
Income tax expense	1,378,028	2,418,719	
Net income	\$ 10,819,960	\$ 8,948,933	
Earnings per common share, basic	\$ 2.65	\$ 2.21	
Earnings per common share, diluted	\$ 2.61	\$ 2.17	

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

	Years Ended	December 31,
	2018	2017
Net income	\$ 10,819,960	\$ 8,948,933
Other comprehensive (loss) income:		
Unrealized holding (losses) gains on securities available for sale, net		
of tax benefit (expense) of \$704,527 and (\$867,946), respectively	\$ (2,650,363)	\$ 1,684,834
Reclassification adjustment for gain included in net income, net of		
income tax expense of \$49,285 and \$24,853, respectively	(185,404)	(48,242)
Reclassifiation of accumulated comprehensive loss due to tax rate change	_	829,724
Other comprehensive (loss) income, net of tax	\$ (2,835,767)	\$ 2,466,316
Comprehensive income	\$ 7,984,193	\$ 11,415,249

CONSOLIDATED STATEMENTS OF CASH FLOWS

	Years Endea	l December 31,
	2018	2017
Cash Flows from Operating Activities		
Net income	\$ 10,819,960	\$ 8,948,933
Adjustments to reconcile net income to net cash		
provided by operating activities:		
Depreciation and amortization	1,740,279	1,807,131
Provision for loan losses	524,997	949,996
Provision for cash management account losses	80,000	120,000
Deferred income tax expense	378,793	446,245
Amortization of investment securities, net	2,102,069	2,024,318
Net gain on securities available for sale	(234,689)	(73,095)
Net loss on other real estate owned	15,877	3,227
Stock-based compensation	398,473	478,278
Origination of loans for sale	(29,992,611)	(34,180,793)
Proceeds from sale of loans	31,407,722	34,142,164
Gain on sale of loans	(582,111)	(697,371)
Changes in other assets and liabilities:		
Increase in accrued interest receivable	(270,853)	(227,972)
Increase in other assets	(1,315,034)	(990,638)
Increase in accrued interest payable	175,726	41,312
(Decrease) increase in accrued expenses and other liabilities	(321,877)	789,303
Net cash provided by operating activities	\$ 14,926,721	\$ 13,581,038
Cash Flows from Investing Activities		
Purchases of securities available for sale	\$ (77,771,092)	\$ (54,290,978)
Proceeds from sales and calls of securities available for sale	19,007,736	8,713,054
Proceeds from maturities and paydowns of securities available for sale	36,664,231	29,340,711
Redemption of other equity investments, net	366,900	389,200
Proceeds from sale of foreclosed assets	668,423	284,773
Net increase in loans	(21,748,359)	(39,906,992)
Net increase in cash management accounts	(1,725,675)	(5,207,368)
Purchases of premises and equipment	(679,512)	(495,106)
Net cash used in investing activities	\$ (45,217,348)	\$ (61,172,706)
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CONSOLIDATED STATEMENTS OF CASH FLOWS

	Years Ended	December 31,
	2018	2017
Cash Flows from Financing Activities		
Net increase in demand accounts, interest-bearing		
demand accounts and savings accounts	\$ 58,279,346	\$ 45,130,625
Net increase in certificates of deposits	15,444,239	20,597,101
Exercise of stock options	405,666	590,232
Repurchase/surrender of common stock	(744,853)	(895,938)
Cash dividends	(2,249,623)	(2,066,072
Net decrease in short-term debt	(10,006,161)	(852,000)
Decrease in long-term debt	_	(10,092,410)
Net cash provided by financing activities	\$ 61,128,614	\$ 52,411,538
Net increase in cash and cash equivalents	\$ 30,837,987	\$ 4,819,870
Cash and cash equivalents at beginning of year	17,630,598	12,810,728
Cash and cash equivalents at end of year	\$ 48,468,585	\$ 17,630,598
Supplemental Disclosures of Cash Flow Information		
Cash paid during the year for:		
Interest	\$ 4,799,024	\$ 3,735,605
Income taxes	\$ 1,886,000	\$ 1,983,000
Supplemental Schedule of Noncash Investing and Financing Activities		
Unrealized (loss) gain on securities available for sale	\$ (3,589,579)	\$ 2,479,685
Other real estate acquired in settlement of loans	\$ 193,129	\$ 2,201,170
Issuance of common stock for services	\$ 170,460	\$ 164,094

CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY

Years Ended December 31, 2018 and 2017

	Common Stock, Voting	I	Additional Paid-In Capital	Retained Earnings	ccumulated Other mprehensive Income	Total
Balance, December 31, 2016	\$ 19,873,415	\$	1,133,078	\$ 54,323,553	\$ 2,575,857	\$ 77,905,903
Net income			_	8,948,933	_	8,948,933
Other comprehensive income			_		1,636,592	1,636,592
Reclassification of stranded AOCI			_	(829,724)	829,724	
Exercise of stock options	271,200		319,032		_	590,232
Vesting of restricted stock	138,120		(138,120)		_	_
Stock awards surrendered in cashless exercise	(132,090)		(358,166)	(164,235)		(654,491)
Issuance of common stock for services	39,070		125,024		_	164,094
Repurchase of common stock	(48,720)		(42,869)	(149,858)	_	(241,447)
Stock-based compensation	_		478,278			478,278
Cash dividends (\$0.51 per share)	_		_	(2,066,072)	_	(2,066,072)
Balance, December 31, 2017	\$ 20,140,995	\$	1,516,257	\$ 60,062,597	\$ 5,042,173	\$ 86,762,022
Net income	_		_	10,819,960	_	10,819,960
Other comprehensive loss			_		(2,835,767)	(2,835,767)
Exercise of stock options	181,680		223,986		_	405,666
Vesting of restricted stock	112,920		(112,920)		_	_
Stock awards surrendered in cashless exercise	(104,780)		(306,756)	(198,547)		(610,083)
Issuance of common stock for services	28,410		142,050			170,460
Repurchase of common stock	(22,565)		(11,203)	(101,002)	_	(134,770)
Stock-based compensation			398,473		_	398,473
Cash dividends (\$0.55 per share)	_		_	(2,249,623)	_	(2,249,623)
Balance, December 31, 2018	\$ 20,336,660	\$	1,849,887	\$ 68,333,385	\$ 2,206,406	\$ 92,726,338

Note 1. Summary of Significant Accounting Policies

General

Chesapeake Financial Shares, Inc. ("CFS" or "Company") owns 100% of Chesapeake Bank (the "Bank"), Chesapeake Wealth Management, Inc. ("CWM"), and CFS Capital Trust II (the "Trust"). The consolidated financial statements include the accounts of CFS and its wholly-owned subsidiaries, except for the Trust, which is not a consolidated subsidiary of the Company. The subordinated debt payable to the Trust by the Company is reported as a liability of the Company. All significant intercompany accounts have been eliminated.

Subsequent Events

Subsequent events have been considered through February 14, 2019, the same date on which these consolidated financial statements were issued.

Significant Accounting Policies

The accounting and reporting policies of CFS are in accordance with accounting principles generally accepted in the United States of America and conform to general practices within the banking industry. The more significant of these policies are summarized below.

Securities

Debt securities that management has the positive intent and ability to hold to maturity are classified as "held to maturity" and recorded at amortized cost. Trading securities are recorded at fair value with changes in fair value included in earnings. Securities not classified as held to maturity or trading are classified as "available for sale" and recorded at fair value, with unrealized gains and losses excluded from earnings and reported in other comprehensive income. Purchase premiums and discounts are recognized in interest income using the interest method over the terms of the securities. Gains and losses on the sale of securities are recorded on the trade date and are determined using the specific identification method. CFS classifies all securities as available for sale.

Impairment of securities occurs when the fair value of a security is less than its amortized cost. For debt securities, impairment is considered other-than-temporary and recognized in its entirety in net income if either (a) the intent is to sell the security or (b) it is more-likely-than-not that it will be necessary to sell the security prior to recovery of its amortized cost. If, however, management's intent is not to sell the security and it is not more than likely that management will be required to sell the security before recovery, management must determine what portion of the impairment is attributable to credit loss, which occurs when the amortized cost of the security exceeds the present value of the cash flows expected to be collected from the security. If there is no credit loss, there is no other-than-temporary impairment. If there is a credit loss, other-than-temporary impairment exists and the credit loss must be recognized in net income and the remaining portion of impairment must be recognized in other comprehensive income. For equity securities carried at cost, impairment is considered to be other-than-temporary based on CFS's ability and intent to hold the investment until a recovery of fair value. Any impairment of an equity security results in a write-down that must be included in income. Management regularly reviews each security for other-than-temporary impairment based on criteria that includes the extent to which cost exceeds market price, the duration of that market decline, the financial health of and specific prospects for the issuer, the best estimate of the present value of cash flows expected to be collected from debt securities, the intention with regards to holding the security to maturity and the likelihood that CFS would be required to sell the security before recovery.

Loans

The Bank grants mortgage, commercial and consumer loans to customers. A substantial portion of the loan portfolio is represented by mortgage loans and commercial real estate throughout the Northern Neck, Middle Peninsula, Williamsburg, James City County, and Richmond areas of Virginia. The ability of the Bank's debtors to honor their contracts is dependent upon the real estate and general economic conditions in these areas.

The Bank's recorded investments in loans are stated at face value, net of unamortized premiums and discounts and the allowance for loan losses. Interest is computed by methods which result in level rates of return on principal. Nonrefundable loan fees and direct loan origination costs are recognized in operations when received and incurred. The impact of this methodology is not significantly different from recognizing the net of the fees and costs over the contractual life of the related loan.

The Bank analyzes its loan portfolio by segment. Segments are based on the level at which the allowance for loan losses is calculated and monitored. The Bank's loan segments are commercial, commercial – real estate, consumer – non real estate, and residential – real estate. The Bank further segregates each segment of the loan portfolio into classes based on how each loan was initially recorded. Classes are a level of detail that appropriately exhibits the risks inherent in the loan portfolio.

The loan portfolio is segmented based on risk characteristics. Particular characteristics associated with each segment are detailed below:

Commercial: Commercial loans include both secured and unsecured loans for working capital, expansion, and other business purposes. Short-term working capital loans are secured by business assets. The Bank also makes term commercial loans secured by equipment and real estate. Lending decisions are based on an evaluation of the financial strength, cash flow, management and credit history of the borrower, and the quality of the collateral securing the loan. With few exceptions, the Bank requires personal guarantees and secondary sources of repayment. Commercial loans generally provide greater yields and re-price more frequently than other types of loans, such as real estate loans.

Commercial – **Real Estate:** Loans secured by commercial real estate also carry risks associated with the success of the business and ability to generate a positive cash flow sufficient to service debts. Real estate security diminishes risks only to the extent that a market exists for the subject collateral. Some real estate secured construction loans carry risks that a project will not be completed as scheduled and budgeted and that the value of the collateral may, at any point, be less than the principal amount of the loan.

Consumer – Non Real Estate: Consumer non real estate loans carry risks associated with the continued creditworthiness of the borrower and the value of the collateral, such as automobiles which may depreciate more rapidly than other assets. In addition, these loans may be unsecured. Consumer loans are more likely than real estate loans to be immediately affected in an adverse manner by job loss, divorce, illness, personal bankruptcy or other life events.

Residential – Real Estate: Consumer real estate loans carry risks associated with the continued creditworthiness of the borrower and changes in the value of the collateral.

Loans of each class are placed on nonaccrual status when a loan is specifically determined to be impaired or when principal or interest is delinquent for 90 days or more. Any unpaid interest previously accrued on those loans is reversed from income. Interest income generally is not recognized on specific impaired loans unless the likelihood of further loss is remote. Interest payments received on such loans are applied as a reduction of the loan principal balance. Generally, the Bank will return a loan to accrual status when all delinquent interest and principal becomes current and remains current for six consecutive months under the terms of the loan agreement or the loan is well-secured and in the process of collection.

Mortgage loans held for resale are stated at the lower of cost or market on an individual loan basis. Loan discounts and origination fees received on loans held for resale are deferred until the related loans are sold to third party investors. Gains are recognized at the time of sale.

Allowance for Loan Losses

The allowance for loan losses is established as losses are estimated to have occurred through a provision for loan losses charged to earnings. Loans of each segment are fully or partially charged off against the allowance when the Bank deems the amount to be uncollectible. General conditions for charge-off include repayment schedules that are deemed to be protracted beyond a reasonable timeframe, the loan has been classified as a loss either internally or by regulators, or the loan is 180 days past due unless well-secured and in the process of collection. Subsequent recoveries, if any, are credited to the allowance.

The allowance for loan losses is evaluated on a regular basis by management and is based upon management's 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, 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.

The allowance consists of allocated and general components. The allocated component relates to loans that are classified as impaired. For those loans that are classified as impaired, an allowance is established when the discounted cash flows (or collateral value or observable market price less costs to liquidate) of the impaired loan are lower than the carrying value of that loan. The general component covers non-classified loans and is based on historical charge-off by segment and expected default derived from CFS's loss experience by loan type. Other adjustments may be made to the allowance based on an assessment of internal or external influences on credit quality that are not fully reflected in the historical loss or risk rating data. Adjustments to the general component of the allowance are made for each segment based on management's assessment of the state of the economy, delinquencies, exceptions to loan underwriting, monitoring policies, various trends, and local unemployment. There were no significant changes to the Bank's allowance methodology during the current year.

A loan in each class is considered impaired when, based on current information and events, it is probable that the Bank will be unable to collect the scheduled payments of principal or interest when due according to the contractual terms of the loan agreement. Factors considered by management in determining impairment include payment status, collateral value, and the probability of collecting scheduled principal and interest payments when due. Impairment is measured on a loan-by-loan basis by either the present value of expected future cash flows discounted at the loan's effective interest rate, the loan's observable market price, or the fair value of the collateral.

Troubled Debt Restructurings

In situations where, for economic or legal reasons related to a borrower's financial condition, management may grant a concession to the borrower that it would not otherwise consider, the related loan is classified as a troubled debt restructuring (TDR). Management strives to identify borrowers in financial difficulty early and work with them to modify their loan to more affordable terms before the loan reaches nonaccrual status. These modified terms may include rate reductions, principal forgiveness, payment forbearance and other actions intended to minimize the economic loss and to avoid foreclosure or repossession of the collateral. In cases where borrowers are granted new terms that provide for a reduction of either interest or principal, management measures any impairment on the restructuring as noted above for impaired loans.

Premises and Equipment

Land is carried at cost. Premises and equipment are stated at cost less accumulated depreciation. Depreciation is computed using both straight-line and accelerated methods over the assets' estimated useful lives. Estimated useful lives range from 10 to 39 years for buildings and leasehold improvements and 3 to 7 years for furniture, fixtures and equipment.

Foreclosed Assets

Foreclosed assets are recorded at the time of foreclosure at their fair value net of estimated costs to sell. At foreclosure, any excess of the loan balance over the fair value of the property is charged to the allowance for loan losses. Such carrying value is periodically reevaluated and written down as a direct expense if there is an indicated decline in fair value. Costs to bring a property to salable condition are capitalized up to the fair value of the property, while costs to maintain a property in salable condition are expensed as incurred.

Transfers of Financial Assets

Transfers of financial assets are accounted for as sales, when control over the assets has been surrendered. Control over transferred assets is deemed to be surrendered when (a) the assets have been isolated from CFS – put presumptively beyond the reach of the transferor and its creditors, even in bankruptcy or other receivership, (b) the transferee obtains the right (free of conditions that constrain it from taking advantage of that right) to pledge or exchange the transferred assets, and (c) CFS does not maintain effective control over the transferred assets through an agreement to repurchase them before their maturity or the ability to unilaterally cause the holder to return specific assets.

Income Taxes

The income tax accounting guidance results in two components of income tax expense: current and deferred. Current income tax expense reflects taxes to be paid or refunded for the current period by applying provisions of the enacted tax law to the taxable income or excess deductions over revenues. CFS determines deferred income taxes using the liability (or balance sheet) method. Under this method, the net deferred tax asset or liability is based on the tax effects of the differences between book and tax bases of assets and liabilities, and enacted changes in tax rates and laws are recognized in the period in which they occur.

Deferred income tax expense results from changes in deferred tax assets and liabilities between periods. Deferred tax assets are recognized if it is more-likely-than-not, based on the technical merits, that the tax position will be realized or sustained under examination. The term more-likely-than-not means a likelihood of more than 50 percent; the terms examined and upon examination also include resolution of the related appeals or litigation processes, if any. A tax position that meets the more-likely-than-not recognition threshold is initially and subsequently measured as the largest amount of tax benefit that has a greater than 50 percent likelihood of being realized upon settlement with a taxing authority that has full knowledge of all relevant information. The determination of whether or not a tax position has met the more-likely-than-not threshold considers the facts, circumstances, and information available at the reporting date and is subject to management's judgment. Deferred tax assets are reduced by a valuation allowance if, based on the weight of the evidence available, it is more-likely-than-not that some portion or all of a deferred tax asset will not be realized. Due to the passing and subsequent signing of the tax reform bill on December 22, 2017, the deferred tax asset was revalued and reduced against earnings by \$394,480 in 2017 to reflect the effect of tax rate reduction.

CFS accounts for income taxes in accordance with the accounting guidance related to uncertainty in income taxes, which sets out a consistent framework to determine the appropriate level of tax reserves to maintain for uncertain tax positions.

Consolidated Statements of Cash Flows

For purposes of the consolidated statement of cash flows, CFS considers cash equivalents to include cash on hand, amounts due from banks, interest-bearing deposits, and federal funds sold.

Advertising Costs

CFS follows the policy of charging the production costs of advertising to expense as incurred.

Use of Estimates

In preparing consolidated financial statements in conformity with accounting principles generally accepted in the United States of America, management is required to make estimates and assumptions that affect the reported amounts of assets and liabilities as of the date of the balance sheet and reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. Material estimates that are particularly susceptible to significant change in the near term relate to the determination of the allowance for loan losses, the valuation of deferred tax assets, other-than-temporary impairments of securities, and the valuation of foreclosed assets.

Earnings Per Common Share

Basic earnings per common share represents income available to common shareholders divided by the weighted-average number of common shares outstanding during the period. Diluted earnings per common share reflects additional common shares that would have been outstanding if dilutive potential common shares had been issued, as well as any adjustment to income that would result from the assumed issuance. Potential common shares that may be issued by CFS relate solely to outstanding stock options and restricted stock, are determined using the treasury stock method.

Cash Management Accounts

CFS purchases trade accounts receivable from customers. These receivables are stated at face value, net of discounts and an allowance for losses. CFS retains reserves against these customer balances in a separate liability account to cover unpaid receivables, returns, allowances and other adjustments.

Stock-Based Compensation

Stock-based compensation accounting requires that the compensation cost relating to stock-based payment transactions be recognized in financial statements. That cost will be measured based on the grant date fair value of the equity or liability instruments issued. The stock compensation accounting guidance covers a wide range of stock-based compensation arrangements including stock options, restricted share plans, and performance-based awards.

The stock-based compensation accounting guidance requires that compensation cost for all stock awards be calculated and recognized over the employees' service periods, generally defined as the vesting period. Compensation cost is recognized on a straight-line basis over the requisite service period for the award. A Black-Scholes model is used to estimate the fair value of stock options, while the fair value of the Company's common stock at the date of grant is used for restricted awards. There were no options granted in 2017 or 2018.

Fair Value of Financial Instruments

Fair values of financial instruments are estimated using relevant market information and other assumptions, as more fully discussed in Note 18. Fair value estimates involve uncertainties and matters of significant judgment. Changes in assumptions or in market conditions significantly affect the estimates.

Assets Under Management

Securities and other property held by Chesapeake Wealth Management in a fiduciary or agency capacity are not assets of CFS and are not included in the accompanying consolidated financial statements.

Recent Accounting Pronouncements

ASU 2016-02:

In February 2016, the FASB amended the Leases topic of the Accounting Standards Codification to revise 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. Early adoption is permitted.

The Company expects to adopt the guidance using the modified retrospective method and practical expedients for transition. The practical expedients allow us to largely account for our existing leases consistent with current guidance except for the incremental balance sheet recognition for lessees. The Company has started an initial evaluation of our leasing contracts and activities. The Company has also started developing our methodology to estimate the right-of-use assets and lease liabilities, which is based on the present value of lease payments. The Company expects that the adoption of ASU 2016-02 will result in the recognition of lease liabilities totaling \$1,049,116 and the recognition of right-of-use assets totaling \$1,025,143, with a corresponding decrease to retained earnings of approximately \$23,973. The Company does not expect a material change to the timing of expense recognition. The Company is evaluating our existing disclosures and may need to provide additional information as a result of adoption of the ASU.

ASU 2016-13:

In June 2016, the FASB issued guidance 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, 2020. Early adoption is permitted for all organizations for periods beginning after December 15, 2018.

The Company will apply the amendments to the ASU through a cumulative-effect adjustment to retained earnings as of the beginning of the year of adoption. While early adoption is permitted beginning in first quarter 2019, the Company does not expect to elect that option. The Company is evaluating the impact of the ASU on our consolidated financial statements. The Company expects the ASU will have no material impact on the recorded allowance for loan losses given the change to estimated losses over the contractual life of the loans adjusted for expected prepayments. In addition to our allowance for loan losses, the Company will also record an allowance for credit losses on cash management and debt securities instead of applying the impairment model currently utilized. The amount of the adjustments will be impacted by each portfolio's composition and credit quality at the adoption date as well as economic conditions and forecasts at that time.

ASU 2017-08:

In March 2017, the FASB amended the requirements in the Receivables – Nonrefundable Fees and Other Costs Topic of the Accounting Standards Codification related to the amortization period for certain purchased callable debt securities held at a premium. The amendments shorten the amortization period for the premium to the earliest call date. The amendments 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 these amendments to have a material effect on its financial statements.

ASU 2018-07:

In June 2018, the FASB amended the Compensation – Stock Compensation Topic of the Accounting Standards Codification. The amendments expand the scope of Topic 718 to include share-based payment transactions for acquiring goods and services from nonemployees. The amendments are effective for fiscal years beginning after December 15, 2018, including interim periods within that fiscal year. Early adoption is permitted, but no earlier than an entity's adoption date of Topic 606. The Company does not expect these amendments to have a material effect on its financial statements.

ASU 2018-18:

In November 2018, the FASB amended the Collaborative Arrangements Topic of the Accounting Standards Codification to clarify the interaction between the guidance for certain collaborative arrangements and the new revenue recognition financial accounting and reporting standard. 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 does not expect these amendments to have a material effect on its financial statements.

ASU 2018-19:

In November 2018, the FASB issued guidance to amend the Financial Instruments—Credit Losses topic of the Accounting Standards Codification. The guidance aligns the implementation date of the topic for annual financial statements of nonpublic companies with the implementation date for their interim financial statements. The guidance also clarifies that receivables arising from operating leases are not within the scope of the topic, but rather, should be accounted for in accordance with the leases topic. The amendments will be effective for the Company for reporting periods beginning after December 15, 2020. Early adoption is permitted for all organizations for periods beginning after December 15, 2018. The Company is currently in the process of evaluating the impact of adoption of this guidance on the 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 the Company's financial position, results of operations or cash flows.

Reclassification

Certain items for prior years have been reclassified to conform to the current year presentation. Such reclassifications had no effect on net income, total assets or shareholders' equity as previously reported.

Note 2. Securities

Amortized cost and fair values of securities available for sale as of December 31, 2018 and 2017, are as follows:

	2018								
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses		Fair Value				
Securities of state and									
political subdivisions	\$ 145,300,293	\$ 2,526,609	\$	(539,187)	\$ 147,287,715				
Mortgage-backed securities	58,641,115	1,205,291		(368, 356)	59,478,050				
Other debt securities	12,191,976	2,127		(33,565)	12,160,538				
Total	\$ 216,133,384	\$ 3,734,027	\$	(941,108)	\$ 218,926,303				

	2017							
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value				
Securities of state and								
political subdivisions	\$ 136,143,821	\$ 5,178,863	\$ (101,145)	\$ 141,221,539				
Mortgage-backed securities	59,758,433	1,576,735	(271,955)	61,063,213				
Total	\$ 195,902,254	\$ 6,755,598	\$ (373,100)	\$ 202,284,752				

The amortized cost and fair value of securities available for sale as of December 31, 2018, by contractual maturity are shown below. Expected maturities may differ from contractual maturities because issuers may have the right to call or prepay obligations without penalties.

	Amortized	Fair
	Cost	Value
Due in one year or less	\$ 27,068,299	\$ 27,229,980
Due after one year through five years	61,991,935	63,062,479
Due after five years through ten years	108,298,871	109,556,421
Due after ten years	18,774,279	19,077,423
Total	\$ 216,133,384	\$ 218,926,303

Proceeds from sales and calls of securities available for sale during 2018 and 2017 were \$19,007,736 and \$8,713,054, respectively. Gross realized gains amounted to \$394,936 and \$365,007 in 2018 and 2017, respectively. Gross realized losses amounted to \$160,247 and \$291,912 in 2018 and 2017, respectively. The tax provision applicable to these net realized gains amounted to \$49,285 and \$24,853 in 2018 and 2017, respectively.

The amortized cost of securities pledged to secure public deposits, borrowings from the Federal Home Loan Bank, fiduciary powers and for other purposes required or permitted by law amounted to \$115,634,149 and \$99,323,686 at December 31, 2018 and 2017, respectively.

Temporarily Impaired Securities

Information pertaining to securities with gross unrealized losses at December 31, 2018 and 2017, aggregated by investment category and length of time that individual securities have been in a continuous loss position, follows:

	Less Than 12 Months			12 Months	12 Months or More			
	Fair		nrealized	Fair	Unrealized			
	Value		Loss	Value		Loss	Total	
Securities of state and								
political subdivisions	\$ 12,145,927	\$	143,744	\$ 21,273,948	\$	395,443	\$ 33,959,062	
Mortgage-backed securities	13,348,215		74,328	15,830,587		294,028	29,547,158	
Other debt securities	9,295,385		33,565	_			9,328,950	
	\$ 34,789,527	\$	251,637	\$ 37,104,535	\$	689,471	\$ 72,835,170	

		20	017				
	Less Than	12 Months	12 Months	12 Months or More			
	Fair	Unrealized	Fair	Unrealized			
	Value	Loss	Value	Loss	Total		
Securities of state and							
political subdivisions	\$ 4,986,523	\$ 21,319	\$ 3,775,699	\$ 79,826	\$ 8,863,367		
Mortgage-backed securities	20,612,646	211,116	4,938,956	60,839	25,823,557		
	\$ 25,599,169	\$ 232,435	\$ 8,714,655	\$ 140,665	\$ 34,686,924		

Securities of State and Political Subdivisions

CFS's unrealized losses on investments in 37 municipal bonds relate to investments in longer-term securities of municipalities throughout the U.S. The unrealized losses are primarily caused by the trend in interest rates. CFS currently does not believe it is probable that it will be unable to collect all amounts due according to the contractual terms of the investments. Because CFS does not intend to sell the investments and it is not more-likely-than-not that CFS will be required to sell the investments before recovery of its par value, which may be maturity, it does not consider these investments to be other-than-temporarily impaired at December 31, 2018.

Mortgage-Backed Securities

The unrealized losses on CFS's investment in 17 government-sponsored enterprise mortgage-backed securities were caused by interest rate movements. CFS purchased those investments at a premium relative to their face amount, and the contractual cash flows of those investments are guaranteed by an agency of the U.S. government. Accordingly, it is expected that the securities would not be settled at a price less than the amortized cost of CFS's investments. CFS does not consider these investments to be other-than-temporarily impaired at December 31, 2018 due to the following:

- The decline in the market value is attributable to changes in interest rates and not credit quality;
- CFS does not intend to sell the investments;
- It is not more-likely-than-not that CFS will be required to sell the investments before recovery of their amortized cost bases, which may be maturity.

The unrealized losses associated with 35 private-label residential mortgage-backed securities are primarily driven by higher projected collateral losses, wider credit spreads and changes in interest rates. CFS assessed credit impairment using an economic cash flow model. Based upon the Company's assessment of the expected credit losses of the security given the performance of the underlying collateral, CFS has appropriately recognized the related other-than-temporary impairment losses in these private-label residential mortgage-backed securities during prior years. The remaining unrealized losses are deemed to be related to factors other than credit.

Management continuously monitors the mortgage-backed securities portfolio for potential permanent impairment. Analytical tools used include robust credit risk analysis. CFS strives to maintain exposure only to securities that have credit support in excess of original issue levels. Generally, it is CFS's intent to hold the securities for the time necessary to recover the amortized cost unless prudent business decisions warrant otherwise.

Other Debt Securities

The 10 investments in this category are primarily made up of student loan backed investments under the Federal Family Education Loan Program (FFELP). These loans are generally insured by the Federal Government at 97% or more of their balances. The investments are investment grade. Management determined that the unrealized losses in other debt securities is a result of movements in interest rates and market conditions. There was no other-than-temporary impairment recognized as of December 31, 2018.

Other-Than-Temporary Impairment

CFS routinely conducts periodic reviews to identify and evaluate each investment security to determine whether an other-than-temporary impairment (OTTI) has occurred. The initial indicator of OTTI is a decline in market value (unrealized loss) below the amount recorded for an investment as well as the severity and duration of the decline. If the decline in fair value is below amortized cost, CFS recognizes OTTI if (1) CFS has the intent to sell the security, (2) it is more-likely-than-not that CFS will be required to sell the security before recovery of its amortized cost basis, or (3) CFS does not expect to recover the entire amortized cost of the security. While all securities are considered, the securities primarily impacted by management's OTTI analysis are private-label residential mortgage-backed securities. CFS uses economic models to aid in its determination of OTTI. Various inputs into the economic models are used to determine if OTTI exists. The most significant inputs in determining OTTI are:

- Length of time and extent to which fair value has been less than amortized cost;
- Cause of the decline, such as interest rates or adverse conditions in the market;
- Payment structure of the security;
- Credit performance of the underlying collateral, including delinquency rates, nonperforming collateral/defaults, severities of losses, collateral values and expected credit losses;
- Current rating of security; and
- Independent analysts' reports and forecasts.

Other inputs may include the actual collateral attributes and other performance indicators of the underlying asset.

If CFS determines that a given security is subject to an OTTI write-down or loss, CFS records the expected credit portion of the loss as a charge to earnings. The measurement of the credit loss component is equal to the difference between the security's cost basis and the present value of its expected future cash flows, using the economic models, discounted at the security's purchase yield assumption. The remaining non-credit portion is recorded in other comprehensive income.

The following roll forward reflects the amount related to possible credit losses recognized in earnings. The beginning balance represents possible credit losses on debt securities at the beginning of the period for which a portion of an other-than-temporary impairment was recognized in other comprehensive income.

	Available for Sale
Beginning balance as of December 31, 2017	\$ 3,469,119
Amount related to the credit loss for which	
an other-than-temporary impairment was	
not previously recognized	_
Realized losses	_
Ending balance as of December 31, 2018	\$ 3,469,119

Note 3. Loans

A summary of the balances of loans by segment follows:

	December 31,				
	2018	2017			
Commercial	\$ 169,732,918	\$ 154,459,502			
Commercial - Real Estate	236,593,771	231,974,724			
Consumer - Non Real Estate	11,002,137	11,813,154			
Residential - Real Estate	93,970,880	91,421,545			
Gross loans	\$ 511,299,706	\$ 489,668,925			
Less: Allowance for loan losses	(5,095,827)	(4,495,279)			
Loans, net	\$ 506,203,879	\$ 485,173,646			

Overdrafts totaling \$261,934 and \$970,342 at December 31, 2018 and 2017, respectively, were reclassified from deposits to Consumer – Non Real Estate loans.

The following tables represent a summary of changes in the allowance for loan losses by segment:

The following tables	•	Commercial		ommercial - Real Estate	•	Consumer - Non Real Estate		esidential - Real Estate	11.	nallocated		Total
Year Ended December 31, 2				Real Estate		Estate		Real Estate	UI	nanocateu		iotai
Balance beginning of year		1,103,008	\$	2,544,371	\$	168,979	\$	678,921	\$	_	\$	4,495,279
Provision (recovery) for		(21.012)		/00 101		20 (00		((/, 2/2)		01 172		52/007
loan losses		(21,812)		480,191		39,689		(64,243)		91,172		524,997
Charge-offs						(129,941)		(42,749)				(172,690)
Recoveries		93,746				88,869		65,626				248,241
Total allowance for	ď	1 17/ 0/2	ď	2.02/.5/2	ф	1/7.50/	ф	(27.555	ф	01 172	ф	£ 00£ 027
loan losses	\$	1,174,942	\$	3,024,562	\$	167,596	\$	637,555	\$	91,172	\$	5,095,827
Individually evaluated												
for impairment	\$	25,970	\$	748,557	\$	11,133	\$		\$		\$	785,660
Collectively evaluated						•						•
for impairment		1,148,972		2,276,005		156,463		637,555		91,172		4,310,167
Total allowance for		, , , , , , , , , , , , , , , , , , ,										<u> </u>
loan losses	\$	1,174,942	\$	3,024,562	\$	167,596	\$	637,555	\$	91,172	\$	5,095,827
		7	•	- , ,-		. ,,						
Individually evaluated												
for impairment	\$	3,543,909	\$	7,240,383	\$	11,133	\$	130,777	\$		\$	10,926,202
Collectively evaluated												
for impairment		166,189,009		229,353,388		10,991,004		93,840,103		_		500,373,504
Total loans	\$	169,732,918	\$	236,593,771	\$	11,002,137	\$	93,970,880	\$		\$	511,299,706
	(Commercial		ommercial - Real Estate	•	Consumer - Non Real Estate		esidential - Real Estate	Uı	nallocated		Total
Year Ended December 31, 2						Non Real			Uı	nallocated		Total
Balance beginning of year	201				\$	Non Real			Uı \$	nallocated 94,332	\$	Total 5,009,817
Balance beginning of year Provision (recovery) for	201	7 1,313,832	F	2,678,330		Non Real Estate	F	757,193		94,332	\$	5,009,817
Balance beginning of year Provision (recovery) for loan losses	201	7 1,313,832 (135,089)	F	2,678,330 1,115,282		Non Real Estate 166,130 173,075	F	757,193 (108,940)			\$	5,009,817 949,996
Balance beginning of year Provision (recovery) for loan losses Charge-offs	201	7 1,313,832 (135,089) (105,290)	F	2,678,330		Non Real Estate 166,130 173,075 (222,965)	F	757,193 (108,940) (49,583)		94,332	\$	5,009,817 949,996 (1,627,079)
Balance beginning of year Provision (recovery) for loan losses Charge-offs Recoveries	201	7 1,313,832 (135,089)	F	2,678,330 1,115,282		Non Real Estate 166,130 173,075	F	757,193 (108,940)		94,332	\$	5,009,817 949,996
Balance beginning of year Provision (recovery) for loan losses Charge-offs	201	7 1,313,832 (135,089) (105,290) 29,555	F	2,678,330 1,115,282 (1,249,241)		Non Real Estate 166,130 173,075 (222,965) 52,739	F	757,193 (108,940) (49,583) 80,251		94,332	\$	5,009,817 949,996 (1,627,079) 162,545
Balance beginning of year Provision (recovery) for loan losses Charge-offs Recoveries Total allowance for	\$	7 1,313,832 (135,089) (105,290)	\$	2,678,330 1,115,282	\$	Non Real Estate 166,130 173,075 (222,965)	\$	757,193 (108,940) (49,583)	\$	94,332		5,009,817 949,996 (1,627,079)
Balance beginning of year Provision (recovery) for loan losses Charge-offs Recoveries Total allowance for loan losses Individually evaluated	\$	7 1,313,832 (135,089) (105,290) 29,555	\$	2,678,330 1,115,282 (1,249,241) 2,544,371	\$	Non Real Estate 166,130 173,075 (222,965) 52,739 168,979	\$	757,193 (108,940) (49,583) 80,251	\$	94,332	\$	5,009,817 949,996 (1,627,079) 162,545 4,495,279
Balance beginning of year Provision (recovery) for loan losses Charge-offs Recoveries Total allowance for loan losses Individually evaluated for impairment	\$	7 1,313,832 (135,089) (105,290) 29,555	\$	2,678,330 1,115,282 (1,249,241)	\$	Non Real Estate 166,130 173,075 (222,965) 52,739	\$	757,193 (108,940) (49,583) 80,251	\$	94,332		5,009,817 949,996 (1,627,079) 162,545
Balance beginning of year Provision (recovery) for loan losses Charge-offs Recoveries Total allowance for loan losses Individually evaluated for impairment Collectively evaluated	\$	7 1,313,832 (135,089) (105,290) 29,555	\$	2,678,330 1,115,282 (1,249,241) 2,544,371	\$	Non Real Estate 166,130 173,075 (222,965) 52,739 168,979	\$	757,193 (108,940) (49,583) 80,251	\$	94,332	\$	5,009,817 949,996 (1,627,079) 162,545 4,495,279
Balance beginning of year Provision (recovery) for loan losses Charge-offs Recoveries Total allowance for loan losses Individually evaluated for impairment Collectively evaluated for impairment	\$	7 1,313,832 (135,089) (105,290) 29,555	\$	2,678,330 1,115,282 (1,249,241) 2,544,371	\$	Non Real Estate 166,130 173,075 (222,965) 52,739 168,979	\$	757,193 (108,940) (49,583) 80,251	\$	94,332	\$	5,009,817 949,996 (1,627,079) 162,545 4,495,279
Balance beginning of year Provision (recovery) for loan losses Charge-offs Recoveries Total allowance for loan losses Individually evaluated for impairment Collectively evaluated for impairment Total allowance for	\$	7 1,313,832 (135,089) (105,290) 29,555 1,103,008	\$	2,678,330 1,115,282 (1,249,241) 2,544,371 541,112	\$	Non Real Estate 166,130 173,075 (222,965) 52,739 168,979	\$	757,193 (108,940) (49,583) 80,251 678,921	\$	94,332	\$	5,009,817 949,996 (1,627,079) 162,545 4,495,279 557,709
Balance beginning of year Provision (recovery) for loan losses Charge-offs Recoveries Total allowance for loan losses Individually evaluated for impairment Collectively evaluated for impairment	\$	7 1,313,832 (135,089) (105,290) 29,555 1,103,008	\$	2,678,330 1,115,282 (1,249,241) 2,544,371 541,112	\$	Non Real Estate 166,130 173,075 (222,965) 52,739 168,979	\$	757,193 (108,940) (49,583) 80,251 678,921	\$	94,332	\$	5,009,817 949,996 (1,627,079) 162,545 4,495,279 557,709
Balance beginning of year Provision (recovery) for loan losses Charge-offs Recoveries Total allowance for loan losses Individually evaluated for impairment Collectively evaluated for impairment Total allowance for loan losses	\$	7 1,313,832 (135,089) (105,290) 29,555 1,103,008	\$	2,678,330 1,115,282 (1,249,241) — 2,544,371 541,112 2,003,259	\$	Non Real Estate 166,130 173,075 (222,965) 52,739 168,979 16,597 152,382	\$	757,193 (108,940) (49,583) 80,251 678,921	\$	94,332	\$	5,009,817 949,996 (1,627,079) 162,545 4,495,279 557,709 3,937,570
Balance beginning of year Provision (recovery) for loan losses Charge-offs Recoveries Total allowance for loan losses Individually evaluated for impairment Collectively evaluated for impairment Total allowance for loan losses Individually evaluated	\$ \$ \$	7 1,313,832 (135,089) (105,290) 29,555 1,103,008 — 1,103,008 1,103,008	\$ \$ \$	2,678,330 1,115,282 (1,249,241) 2,544,371 541,112 2,003,259 2,544,371	\$ \$	Non Real Estate 166,130 173,075 (222,965) 52,739 168,979 16,597 152,382 168,979	\$ \$	757,193 (108,940) (49,583) 80,251 678,921 678,921	\$ \$	94,332	\$	5,009,817 949,996 (1,627,079) 162,545 4,495,279 557,709 3,937,570 4,495,279
Balance beginning of year Provision (recovery) for loan losses Charge-offs Recoveries Total allowance for loan losses Individually evaluated for impairment Collectively evaluated for impairment Total allowance for loan losses Individually evaluated for impairment	\$	7 1,313,832 (135,089) (105,290) 29,555 1,103,008	\$	2,678,330 1,115,282 (1,249,241) 2,544,371 541,112 2,003,259 2,544,371	\$	Non Real Estate 166,130 173,075 (222,965) 52,739 168,979 16,597 152,382	\$ \$	757,193 (108,940) (49,583) 80,251 678,921	\$	94,332	\$	5,009,817 949,996 (1,627,079) 162,545 4,495,279 557,709 3,937,570
Balance beginning of year Provision (recovery) for loan losses Charge-offs Recoveries Total allowance for loan losses Individually evaluated for impairment Collectively evaluated for impairment Total allowance for loan losses Individually evaluated for impairment Cotal collectively evaluated for impairment	\$ \$ \$ \$	7 1,313,832 (135,089) (105,290) 29,555 1,103,008 — 1,103,008 4,166,675	\$ \$ \$	2,678,330 1,115,282 (1,249,241) 2,544,371 541,112 2,003,259 2,544,371 7,533,791	\$ \$	Non Real Estate 166,130 173,075 (222,965) 52,739 168,979 16,597 152,382 168,979	\$ \$	757,193 (108,940) (49,583) 80,251 678,921 678,921 1,309,871	\$ \$	94,332	\$	5,009,817 949,996 (1,627,079) 162,545 4,495,279 557,709 3,937,570 4,495,279 13,026,934
Balance beginning of year Provision (recovery) for loan losses Charge-offs Recoveries Total allowance for loan losses Individually evaluated for impairment Collectively evaluated for impairment Total allowance for loan losses Individually evaluated for impairment	\$ \$ \$	7 1,313,832 (135,089) (105,290) 29,555 1,103,008 — 1,103,008 1,103,008	\$ \$ \$	2,678,330 1,115,282 (1,249,241) 2,544,371 541,112 2,003,259 2,544,371	\$ \$	Non Real Estate 166,130 173,075 (222,965) 52,739 168,979 16,597 152,382 168,979	\$ \$	757,193 (108,940) (49,583) 80,251 678,921 678,921	\$ \$	94,332	\$ \$	5,009,817 949,996 (1,627,079) 162,545 4,495,279 557,709 3,937,570 4,495,279

The following tables presents additional impaired loan information at period end. Unpaid principal balance represents the contractual principal balance of the loan.

	Unpaid Recorded Principal Related Investment Balance Allowance		Average Recorded Investment	Interest Income Recognized	
December 31, 2018					
With no related allowance:					
Commercial					
Secured	\$ 3,517,939	\$ 3,517,939	\$ —	\$ 1,278,048	\$ 192,958
Commercial - Real Estate					
Acquisition and development	_	_	_	42,869	_
Non-owner occupied	2,009,241	2,009,241	_	504,339	121,891
Owner occupied	1,296,358	1,296,358	_	263,324	89,636
Residential - Real Estate					
First lien 1-4 family	_	_	_	39,260	_
Land	130,777	130,777	_	33,916	7,129
Revolving	_	_	_	85,995	
With an allowance recorded:					
Commercial					
Unsecured	\$ 25,970	\$ 25,970	\$ 25,970	\$ 1,623	\$ 1,371
Commercial - Real Estate					
Acquisition and development	682,212	682,212	174,985	127,915	39,128
Non-owner occupied	3,252,572	3,252,572	573,572	813,539	143,749
Owner occupied	_	_		73,809	_
Consumer - Non Real Estate					
Installment	11,133	11,133	11,133	3,084	963
Total:					
Commercial	\$ 3,543,909	\$ 3,543,909	\$ 25,970	\$ 1,279,671	\$ 194,329
Commercial - Real Estate	7,240,383	7,240,383	748,557	1,825,795	394,404
Consumer - Non Real Estate	11,133	11,133	11,133	3,084	963
Residential - Real Estate	130,777	130,777	_	159,171	7,129
	\$ 10,926,202	\$ 10,926,202	\$ 785,660	\$ 3,267,721	\$ 596,825

	Recorded Investment	Unpaid Principal Balance	Related Allowance	Average Recorded Investment	Interest Income Recognized
December 31, 2017					
With no related allowance:					
Commercial					
Secured	\$ 4,166,675	\$ 4,166,675	\$ —	\$ 4,258,870	\$ 231,760
Commercial - Real Estate					
Acquisition and development	721,340	721,340	_	574,799	10,820
Non-owner occupied	2,136,975	2,136,975	_	1,501,517	42,250
Owner occupied	1,021,430	1,021,430	_	1,147,789	69,718
Multifamily		_	_	254,637	_
Residential - Real Estate					
First lien 1-4 family	324,831	324,831	_	541,997	27,425
Land	332,129	332,129	_	338,838	9,377
Revolving	652,911	652,911	_	630,114	36,099
With an allowance recorded:					
Commercial					
Secured	\$ —	\$ —	\$ —	\$ 253,082	\$ —
Commercial - Real Estate					
Non-owner occupied	3,254,713	3,254,713	491,112	3,187,002	130,188
Owner occupied	399,333	399,333	50,000	_	22,684
Consumer - Non Real Estate					
Installment	16,597	16,597	16,597	58,367	199
Total:					
Commercial	\$ 4,166,675	\$ 4,166,675	\$	\$ 4,511,952	\$ 231,760
Commercial - Real Estate	7,533,791	7,533,791	541,112	6,665,744	275,660
Consumer - Non Real Estate	16,597	16,597	16,597	58,367	199
Residential - Real Estate	1,309,871	1,309,871	_	1,510,949	72,90
	\$ 13,026,934	\$ 13,026,934	\$ 557,709	\$ 12,747,012	\$ 580,522

Included in impaired loans are troubled debt restructurings. At December 31, 2018 and 2017, \$3,972,886 and \$927,318 in loans were classified as troubled debt restructurings where concessions have been granted to borrowers experiencing financial difficulties. These concessions could include a reduction in the loan's interest rate, payment extensions, or other actions intended to maximize collection.

Information regarding loans modified as troubled debt restructurings by class during 2018 are as follows:

		Pre-Modification	Post-Modification	
	Number of Contracts	Outstanding Recorded Investment	Outstanding Recorded Investment	
Commercial - Real Estate				_
Non-owner occupied	1	\$ 3,252,572	\$ 3,252,572	

There were no loans modified in a troubled debt restructuring during 2017.

There were no troubled debt restructurings that subsequently defaulted (more than 90 days past due or charge-off) within the first year of modification during 2018 and 2017.

At December 31, 2018, no additional funds were committed to be advanced in connection with impaired loans.

The Bank's internal risk rating definitions are:

Pass/Watch: These include satisfactory loans which may have elements of risk that the Bank has chosen to monitor formally. The objective of monitoring is to assure that no weaknesses develop in these loans.

Special Mention: These loans have a potential weakness that requires management's close attention. If left uncorrected, these potential weaknesses may result in deterioration of the repayment prospects for the asset or in the Bank's credit position at some future date. These credits do not expose the Bank to sufficient risk to warrant further adverse classification.

Substandard: A substandard asset is inadequately protected by the current sound worth and paying capacity of the obligor or of the collateral pledged, if any. Loans classified as such must have a well-defined weakness or weaknesses that jeopardize the liquidation of the debt. They are characterized by the distinct possibility that the Bank will sustain some loss if the deficiencies are not corrected.

Doubtful: Loans classified doubtful have all the weaknesses inherent in a substandard asset with the added characteristic that the weaknesses make collection or liquidation in full, on the basis of currently existing facts, conditions, and values, highly questionable and improbable.

Loss: Loans classified loss are considered uncollectible and of such little value that their continuance as a bankable asset is not warranted. This classification does not mean that the asset has absolutely no recovery or salvage value, but rather it is not practical or desirable to defer writing off this basically worthless asset even though partial recovery may be received in the future.

The Bank's credit quality information, which is based on internal risk grades is as follows:

					Special					
	Pass		Watch		Mention	Sı	ubstandard		Doubtful	Total
December 31, 2018										
Commercial										
Secured	\$ 153,414,615	\$	709,181	\$	35,248	\$	2,917,210	\$	_	\$ 157,076,254
Unsecured	12,525,081		_		81,003		24,610		25,970	12,656,664
Commercial - Real Estate										
Acquisition and development	8,887,976		_		_		682,212		_	9,570,188
Non-owner occupied	119,607,073		282,378		403,298		2,009,241		3,252,572	125,554,562
Owner occupied	85,517,819		_		2,557,120		883,447		_	88,958,386
Multifamily	12,325,159		_		185,476		_		_	12,510,635
Consumer - Non Real Estate										
Installment	8,475,338		_		_		10,117		11,133	8,496,588
Revolving	2,243,615		_		_		_		_	2,243,615
Other	261,934		_		_		_		_	261,934
Residential - Real Estate										
First lien 1-4 family	36,444,835		24,628		333,730		230,070		_	37,033,263
Junior lien 1-4 family	10,037,002		_		_		_		_	10,037,002
Construction	11,526,250		_		_		_		_	11,526,250
Land	7,009,653		17,694		10,509		130,777		_	7,168,633
Revolving	27,932,590		187,705		27,976		_		57,461	28,205,732
Total	\$ 496,208,940	\$	1,221,586	\$	3,634,360	\$	6,887,684	\$	3,347,136	\$ 511,299,706
										, , , , , , , , , , , , , , , , , , , ,
December 31, 2017										
Commercial										
Secured	\$ 135,601,691	\$	6,150,293	\$	664,839	\$	4,100,161	\$	_	\$ 146,516,984
Unsecured	7,801,500		100,000		41,018		_		_	7,942,518
Commercial - Real Estate			,		,					
Acquisition and development	15,482,578		_		_		721,340		_	16,203,918
Non-owner occupied	100,187,729		4,834,469		432,337		5,391,688		_	110,846,223
Owner occupied	88,461,899		110,567		2,987,248		778,665		_	92,338,379
Multifamily	12,070,932		515,272						_	12,586,204
Consumer - Non Real Estate	12,07 0,732)1) , 2,2							12,500,201
Installment	7,608,503		_		_		85,078		16,597	7,710,178
Revolving	3,132,634		_		_		0),0/0		10,557	3,132,634
Other	970,342		_		_		_		_	970,342
Residential - Real Estate	7/0,342									7/0,342
First lien 1-4 family	33,790,696		309,641		475,018		249,285		_	34,824,640
Junior lien 1-4 family	9,127,568		9,221		7/ 2,010		27,20)		_	9,136,789
Construction	11,852,435		7,441				_		_	11,852,435
Land			21,697		54,854		350,820		_	7,034,227
	6,606,856		249,036		,				_	
Revolving	27,536,857	ď		d	205,648	d	581,913	¢	16507	28,573,454
Total	\$ 460,232,220	\$	12,300,196	\$	4,860,962	\$	12,258,950	\$	16,597	\$ 489,668,925

The following is a summary of information pertaining to nonaccrual and past due loans by class:

	-59 Days ast Due	-89 Days ast Due	ays or ast Due	P	Total ast Due	Nonaccruals		Current	Total Loans
December 31, 2018									
Commercial									
Secured	\$ _	\$ _	\$ _	\$	_	\$	281,740	\$ 156,794,514	\$ 157,076,254
Unsecured	_	24,610	_		24,610		29,659	12,602,395	12,656,664
Commercial Real Estate									
Acquisition and development	_	_	_		_		682,212	8,887,976	9,570,188
Non-owner occupied	_	_	_		_		5,261,813	120,292,749	125,554,562
Owner occupied	80,106	_	_		80,106		771,312	88,106,968	88,958,386
Multifamily	_	_	_		_		_	12,510,635	12,510,635
Consumer - Non Real Estate									
Installment	13,097	_	_		13,097		10,979	8,472,512	8,496,588
Revolving	48,442	_	_		48,442		_	2,195,173	2,243,615
Other	10,366	_	_		10,366		_	251,568	261,934
Residential - Real Estate									
First lien 1-4 family	471,789	318,029	_		789,818		473,510	35,769,935	37,033,263
Junior lien 1-4 family	_	_	_		_		7,089	10,029,913	10,037,002
Construction	_	_	_		_		_	11,526,250	11,526,250
Land	6,131	_	_		6,131		158,979	7,003,523	7,168,633
Revolving	404,727	_	_		404,727		193,752	27,607,253	28,205,732
Total	\$ 1,034,658	\$ 342,639	\$ _	\$	1,377,297	\$	7,871,045	\$ 502,051,364	\$ 511,299,706
December 31, 2017									
Commercial									
Secured	\$ 8,099	\$ 9,995	\$ _	\$	18,094	\$	282,905	\$ 146,215,985	\$ 146,516,984
Unsecured	_	_	_		_		36,272	7,906,246	7,942,518
Commercial Real Estate									
Acquisition and development	_	_	_		_		721,340	15,482,578	16,203,918
Non-owner occupied	125,602	_	_		125,602		2,011,373	108,709,248	110,846,223
Owner occupied	_	_	_		_		755,832	91,582,547	92,338,379
Multifamily	_	_	_		_		_	12,586,204	12,586,204
Consumer - Non Real Estate									
Installment	2,634	3,624	_		6,258		16,597	7,687,323	7,710,178
Revolving	_	_	_		_		_	3,132,634	3,132,634
Other	12,914	_	_		12,914		_	957,428	970,342
Residential - Real Estate									
First lien 1-4 family	_	_	_		_		690,860	34,133,780	34,824,640
Junior lien 1-4 family	_	_	_		_		9,221	9,127,568	9,136,789
Construction	_	_	_		_		_	11,852,435	11,852,435
Land	_	_	_		_		427,371	6,606,856	7,034,227
Revolving	32,428	19,785	_		52,213		217,893	28,303,348	28,573,454
Total	\$ 181,677	\$ 33,404	\$ _	\$	215,081	\$	5,169,664	\$ 484,284,180	\$ 489,668,925

There were no loans 90+ days past due and still accruing at December 31, 2018 and 2017, respectively.

Note 4. Premises and Equipment

A summary of the cost and accumulated depreciation of premises and equipment follows:

	Decem	ber 31,
	2018	2017
Land	\$ 4,552,979	\$ 4,612,979
Buildings	19,267,042	19,202,044
Furniture, fixtures and improvements	2,411,615	2,300,149
Equipment	7,268,576	6,969,232
Leasehold improvements	4,099,920	4,061,024
	\$ 37,600,132	\$ 37,145,428
Less accumulated depreciation	(20,936,694)	(19,635,825)
Total	\$ 16,663,438	\$ 17,509,603

For the years ended December 31, 2018 and 2017, depreciation expense was \$1,494,220 and \$1,650,293, respectively.

Note 5. Time Deposits

Remaining maturities on certificates of deposit are as follows:

2019	\$ 121,173,818
2020	35,448,684
2021	33,751,452
2022	16,687,765
2023	6,347,744
Thereafter	9,481,000
Total	\$ 222,890,463

The Bank obtains certain deposits through the efforts of third-party brokers. At December 31, 2018 and 2017, brokered deposits totaled \$37,729,000 and \$37,209,000, respectively, and were included in certificates of deposit on the consolidated balance sheets.

Note 6. Trust Preferred Capital Notes

On July 2, 2007, CFS Capital Trust II, was formed by the Company for the purpose of issuing redeemable capital securities. Trust II is not a consolidated subsidiary of the Company. On July 5, 2007, \$15.5 million of trust preferred securities which have a LIBOR-indexed floating rate of interest were issued. The weighted-average interest rate for the year ended December 31, 2018 was 3.56%. The interest rate as of December 31, 2017 was 3.78%. The securities have a mandatory redemption date of October 1, 2037, and became subject to varying call provisions beginning on September 6, 2012.

In August 2014, CFS was notified that \$5.0 million of the \$15.0 million in trust preferred securities of Trust II would be auctioned off as part of a larger pooled collateralized debt obligation liquidation. CFS placed a bid of \$3.9 million for the securities which was accepted by the trustee and the transaction closed on September 5, 2014. Because the accepted bid of \$3.9 million was less than the \$5.0 million carrying value, CFS recognized a gain of \$1.1 million related to this transaction, when these securities were redeemed.

In January 2015, CFS was notified that \$5.0 million of the \$10.0 million remaining in trust preferred securities of Trust II would be auctioned off as part of a larger pooled collateralized debt obligation liquidation. CFS placed bids totaling \$3.9 million for the securities which were accepted by the trustee and the transactions closed on February 5, 2015 and February 13, 2015. Because the accepted bids of \$3.9 million were less than the \$5.0 million carrying value, CFS recognized a gain of \$1.1 million related to the transactions, when these securities were redeemed.

As of December 31, 2018, \$5.0 million in preferred stock and \$155,000 in common stock of Trust II was still outstanding.

The trust preferred securities may be included in Tier 1 capital for regulatory capital adequacy determination purposes up to 25% of Tier 1 capital after its inclusion. The portion of the Trust Preferred not considered as Tier 1 capital may be included in Tier 2 capital.

The obligations of CFS with respect to the issuance of the capital securities constitute a full and unconditional guarantee by CFS of the Trust's obligations with respect to the capital securities.

Subject to certain exceptions and limitations, CFS may elect from time to time to defer interest payments on the junior subordinated debt securities, which would result in a deferral of distribution payments on the related capital securities.

Note 7. Borrowings

The Bank has lines of credit with the FHLB that can equal up to 25% of total assets of the Bank. As of December 31, 2018, loans with a carrying value of \$22,749,039 and securities with an amortized cost of \$23,716,146 were pledged to the FHLB as collateral for borrowings. The FHLB lines of credit totaled \$38.8 million with no outstanding balance as of December 31, 2018. At December 31, 2017 the FHLB lines of credit totaled \$30 million with \$10 million outstanding. Additional loans are available that can be pledged as collateral for future borrowings from the FHLB above the current lendable collateral value.

The Bank also maintains an additional secured line of credit with another correspondent bank totaling \$20.0 million, of which there was no outstanding balance as of December 31, 2018 and 2017, respectively.

In addition to the available credit from the FHLB, the Bank also has unsecured lines of credit with correspondent banks totaling \$56.5 million available for overnight borrowings. The Company has a line of credit secured by 400,000 shares of Chesapeake Bank common stock with a correspondent bank totaling \$5.0 million available for borrowing as of December 31, 2018. There were no outstanding balances on these lines of credit as of December 31, 2018 and 2017.

Note 8. Income Taxes

The Tax Cuts and Jobs Act (TCJA) was signed into law by the President on Friday December 22, 2017. The TCJA included the reduction in the corporate tax rate from a top rate of 34% to a flat rate of 21%, changes in business deductions, and many international provisions.

The company recognized the income tax effects of the 2017 Tax Act in its 2017 financial statements in accordance with Staff Accounting Bulletin No. 118, which provides 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 complete and provisional amounts for those specific income tax effects of the 2017 Tax Act for which the accounting under ASC Topic 740 is incomplete; however, 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.

The income tax provision differs from the amount of income tax determined by applying the U.S. federal income tax rate to pretax income for the years ended December 31, 2018 and 2017, due to the following:

	2018	2017
Income tax at federal statutory rate	\$ 2,561,578	\$ 3,865,001
(Decrease) increase in income taxes resulting from:		
Tax exempt income	(1,124,307)	(1,617,267)
Remeasurement of deferred taxes under TCJA		394,480
Other	(59,243)	(223,495)
Total	\$ 1,378,028	\$ 2,418,719

The provision for income taxes charged to operations for the years ended December 31, 2018 and 2017, consists of the following:

	2018	2017
Current tax expense	\$ 999,235	\$ 1,972,474
Deferred tax expense	378,793	446,245
Total	\$ 1,378,028	\$ 2,418,719

The components of the net deferred tax asset, included in other assets, are as follows:

	December 31,		
		2018	2017
Deferred tax assets:			
Allowance for loan and cash management account losses	\$	1,396,052	\$ 1,290,819
Other real estate		138,645	146,625
Deferred compensation		78,750	72,162
Premises and equipment		253,799	361,201
Restricted stock		53,664	64,013
AMT tax credit carryforward			384,155
Other		58,525	39,252
Total deferred tax assets	\$	1,979,435	\$ 2,358,227
Deferred tax liabilities:			
Securities available for sale	\$	586,512	\$ 1,340,324
Net deferred tax assets	\$	1,392,923	\$ 1,017,903

CFS, on a consolidated basis, files income tax returns in the U.S. federal jurisdiction, the Commonwealth of Virginia and other states where income is generated. With few exceptions, CFS is no longer subject to U.S. federal or state income tax examinations by tax authorities for years before 2015.

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 \$394,480 increase in income tax expense for the year ended December 31, 2017 and a corresponding \$394,480 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.

Note 9. Employee Benefit Plans

Deferred Compensation Agreements

CFS had a deferred compensation agreement providing for monthly payments to an officer of the Company commencing at retirement. The liability under this agreement was accrued over the officer's period of employment such that the present value of the monthly payments was accrued by retirement date. The liability remaining is \$0 and \$23,628 for years ended December 31, 2018 and 2017, respectively.

CFS funded the deferred compensation commitment through life insurance policies on the officer. The officer has received all of the benefits under this plan. CFS recorded income of \$97,404 and \$97,402 for years ended December 31, 2018 and 2017, respectively, for the increase in the cash surrender value of these policies.

Employee Stock Ownership Plan

CFS sponsors an employee stock ownership plan (ESOP) that generally covers full-time employees who have completed one calendar year of service. CFS makes annual contributions to the ESOP at the discretion of the Board of Directors.

ESOP compensation expense was \$600,000 and \$300,000 for the years ended December 31, 2018 and 2017.

401(k) Plan

CFS has adopted a contributory 401(k) plan that covers substantially all employees. Under the plan, employees may elect to defer up to 100% of their salary, subject to Internal Revenue Service limits. CFS will make a matching contribution of 100% of the first 3% and 50% of the second 3% of the employee's salary deferred. CFS may also make a discretionary contribution to the plan. Total expense related to the plan was \$540,018 and \$523,245 for 2018 and 2017, respectively.

Note 10. Stock Option Plans

On April 1, 2005, CFS's shareholders approved a stock incentive plan under which options or restricted stock may be granted to certain key employees. The plan reserved 224,640 shares of voting common stock for issuance and expired on January 21, 2015. There was no compensation cost charged to income for those plans related to stock options for 2018.

On April 4, 2014, CFS's shareholders approved a stock incentive plan under which options or restricted stock may be granted to certain key employees. The plan originally reserved 420,000 shares of voting common stock for issuance and expires on January 16, 2024. There was no compensation cost charged to income for those plans related to stock options for 2018.

The incentive stock option plans require that options be granted at an exercise price equal to at least 100% of the fair market value of the common stock on the date of the grant; however, for those individuals who own more than 10% of the stock of CFS, the option price must be at least 110% of the fair market value on the date of grant. Such options are generally not exercisable until three years from the date of issuance and require continuous employment during the period prior to exercise. The options will expire in no more than ten years after the date of grant. The fair value of each option grant is estimated on the date of the grant using the Black-Scholes option-pricing model. Expected volatility is based on the historic volatility of CFS's stock price over the expected life of the options. The expected term is estimated as the average of the contractual life and vesting schedule for the respective options. The risk-free interest rate is the U.S. Treasury zero-coupon issue with a remaining term equal to the expected term of the options granted. The dividend yield is estimated as the ratio of CFS's historical dividends paid per share of common stock to the stock price on the date of grant. There were no options granted during the years ended December 31, 2018 and 2017.

A summary of the option activity under the plans at December 31, 2018 and changes during the year then ended are as follows:

	Shares	Exercise Price	Contractual Term	Intrinsic Value
Outstanding at December 31, 2017	126,600	\$ 10.88		
Granted	_			
Exercised	(36,336)	11.16		
Expired	_	_		
Forfeited	_	_		
Outstanding at December 31, 2018	90,264	\$ 10.76	2.1	\$ 1,244,699
Options exercisable, end of year	90,264	\$ 10.76	2.1	\$ 1,244,699

Aggregate intrinsic value of stock options represents the total pre-tax intrinsic value (the amount by which the current market value of the underlying stock exceeds the exercise price of the option) that would have been received by the option holders had all the option holders exercised their options on December 31, 2018. This amount changes based on changes in the market value of CFS's stock.

The total intrinsic value of options exercised during the year ended December 31, 2018 and 2017 was \$666,631 and \$760,752, respectively. As of December 31, 2018 and December 31, 2017 there are no unrecognized compensation costs related to nonvested stock options granted under the plans.

Restricted Stock

The Company grants shares of restricted stock to key employees. These awards help align the interests of these employees with the interests of the shareholders of the Company by providing economic value directly related to increases in the value of the Company's common stock. The value of the stock awarded is established as the fair market value of the stock at the time of grant. The Company recognizes expense, equal to the total value of such awards, ratably over the vesting period of the stock grants. Restricted stock vests over 36 months based on the term of the award.

Nonvested restricted stock activity for the year ended December 31, 2018 is summarized in the following table:

	Shares	Weighted Average Grant Date Value
Nonvested at December 31, 2017	40,476	\$ 20.52
Granted	12,275	28.50
Vested	(22,584)	19.00
Expired and Forfeited	(134)	18.18
Nonvested at December 31, 2018	30,033	\$ 24.94

At December 31, 2018, there were no unrecognized compensation costs related to nonvested restricted stock granted under the 2005 Plan. At December 31, 2018, there was \$498,196 in unrecognized compensation cost related to nonvested restricted stock granted under the 2014 Plan. This cost is expected to be recognized over the next 28 months. Stock based compensation expense for nonvested restricted stock totaled \$398,474 and \$478,278 during 2018 and 2017, respectively.

Note 11. Shareholders' Equity

During 2018 and 2017, CFS issued 5,682 shares and 7,814 shares, respectively, of common stock to its directors for partial compensation. Also, during 2018 and 2017, the Company purchased and retired 4,513 and 9,744, respectively of common stock.

Note 12. Commitments and Contingencies

CFS leases certain facilities and equipment under operating leases which expire at various dates through 2024. These leases generally contain renewal options and require CFS to pay taxes, insurance, maintenance and other expenses in addition to the minimum normal rentals.

Minimum rental payments under these operating lease agreements as of December 31, 2018 are as follows:

Year Ending December 31,	
2019	\$ 178,611
2020	183,704
2021	102,017
2022	74,889
2023	72,177
Thereafter	16,604
Total	\$ 628,002

Rent expense under operating leases totaled \$183,708 and \$134,301 for the years ended December 31, 2018 and 2017, respectively.

Note 13. Related Party Transactions

Officers, directors and their affiliates had loans of \$4,885,975 and \$5,442,929 at December 31, 2018 and 2017, respectively, with the Bank.

Changes in loans during 2018 were as follows:

Balance, December 31, 2017	\$ 5,442,929
Additions	166,919
Payments	(723,873)
Balance, December 31, 2018	\$ 4,885,975

These transactions occurred in the ordinary course of business on substantially the same terms as those prevailing at the time for comparable transactions with unrelated persons.

Related parties had deposits of \$5,269,174 and \$4,044,347 as of December 31, 2018 and 2017, respectively.

Note 14. Other Income and Expenses

The principal components of "Other income" in the consolidated statements of income are:

	2018	2017
Pair-off fee income	\$ 582,111	\$ 697,371
Mortgage servicing fee income	575,419	562,216
ATM fee income	1,539,870	1,400,737
Other	2,257,114	2,924,270
Total	\$ 4,954,514	\$ 5,584,594

The principal components of "Other expenses" in the consolidated statements of income are:

	2018	2017
Advertising	\$ 1,051,750	\$ 818,348
Software	1,783,964	1,522,452
Legal fees	503,306	368,620
FDIC assessments	229,467	277,487
Delivery and transportation	229,237	243,547
Stationery and supplies	333,961	368,927
Other	6,450,617	6,124,607
Total	\$10,582,302	\$ 9,723,988

Note 15. Revenue from Contracts with Customers

During the years ended December 31, 2018 and 2017, the Company recognized revenues from contracts with customers totaling \$15,372,867 and \$14,251,515, respectively. There were no impairment losses recognized on any receivables or contract assets arising from the Company's contracts with customers during the years ended December 31, 2018 and 2017. While the Company does have noninterest income related to rental income, changes in cash surrender value of life insurance, sales of investments and income from government sponsored entities, these are not within the scope of ASC 606.

All of the Company's revenue from contracts with customers in the scope of ASC 606 is recognized within noninterest income. The following table represents the Company's sources of noninterest income for the years ended December 31, 2018 and 2017. Items outside the scope of ASC 606 are noted as such.

	2018	2017
Noninterest income		
Service charges on deposits	\$ 1,155,409	\$ 1,091,378
Interchange income	1,539,870	1,400,737
Trust & wealth management income	3,865,560	3,613,568
Merchant services income, net	4,346,791	3,977,166
Cash management fee income	4,151,301	3,760,144
Other ^(a)	3,649,333	4,256,952
Total	\$ 18,708,264	\$ 18,099,945

(a) The Other category includes \$313,936 and \$408,522 of income sources that are within the scope of ASC 606 but determined immaterial as of December 31, 2018 and 2017, respectively; the remaining balances of \$3,335,397 and \$3,848,430 are outside of the scope of ASC 606 as of December 31, 2018 and 2017, respectively.

A description of the Company's revenue streams accounted for under ASC 606 follows:

Service Charges on Deposit Accounts: The Company earns fees from its deposit customers for transaction-based, account maintenance, and overdraft services. Transaction-based fees are recognized at the time the transaction is executed as that is the point in time the Company fulfills the customer's request. Account maintenance fees are earned over the course of a month, representing the period over which the Company satisfies the performance obligation. Overdraft fees are recognized at the point in time that the overdraft occurs. Service charges on deposits are withdrawn from the customer's account balance.

Interchange Income: The Company earns interchange fees from debit cardholder transactions conducted through the VISA payment network. Interchange fees from cardholder transactions represent a percentage of the underlying transaction value and are recognized daily, concurrently with the transaction processing services provided to the cardholder.

Merchant Services: The Company earns interchange fees from customer debit and credit card transactions that are earned at the time a cardholder engages in a transaction with a merchant as well as fees charged to merchants for providing them the ability to accept and process the debit and credit card transactions. Revenue is recognized when the performance obligation has been met as it is satisfied upon the completion of the card transaction. Additionally, ASU 2014-09 requires cost associated with cardholder and merchant services transactions to be netted against the fee income from such transactions when an entity is acting as an agent in providing services to the customer.

Wealth Management Services: The Company earns wealth management fees from its contracts with trust and brokerage customers to manage assets for investment, and/or to transact on their accounts. These fees are earned as the Company provides the contracted monthly or quarterly services and are generally assessed based on a tiered scale of the market value of assets under management at month-end. Fees that are transaction based, including trade execution services, are recognized at the point in time that the transaction is executed, i.e. the "trade date". Other related services provided include financial planning services which are based on a fixed fee schedule, are recognized when the services are rendered.

Cash Management: The Company earns fee income on accounts receivable financing relationships. We recognize the fee income when the invoices are funded.

Gains/Losses on Sales of OREO: The Company records a gain or loss from the sale of OREO when control of the property transfers to the buyer, which generally occurs at the time of an executed deed. When the Company finances the sale of OREO to the buyer, the Company assesses whether the buyer is committed to perform their obligations under the contract and whether collectability of the transaction price is probable. Once these criteria are met, the OREO asset is derecognized and the gain or loss on sale is recorded upon the transfer of control of the property to the buyer. In determining the gain or loss on the sale, the Company adjusts the transaction price and related gain (loss) on sale if a significant financing component is present.

Based on the Company's analysis, none of the contracts discussed above required a material cost to obtain or fulfill the contract, which resulted in no capitalized assets associated with these contracts as of December 31, 2018 and 2017.

Note 16. Earnings Per Common Share

The following data shows the amounts used in computing earnings per common share and the effect on the weighted average number of shares of dilutive potential common stock. The potential common stock did not have an impact on net income. Shares related to unvested restricted stock grants are included in the weighted average number of common shares outstanding because the holders participate in non-refundable dividends and have voting rights during the vesting period.

	2018	2017
Weighted average number of common shares, basic	4,089,243	4,048,910
Effect of dilutive stock options	60,544	83,005
Weighted average number of common shares and dilutive		
potential common stock used in diluted EPS	4,149,787	4,131,915

There were no antidilutive options for the years ended December 31, 2018 and 2017.

Note 17. Financial Instruments With Off-Balance-Sheet Risk

The Bank is a party to credit related financial instruments with off-balance-sheet risk in the normal course of business to meet the financial needs of its customers. These financial instruments include commitments to extend credit, standby letters of credit and commercial letters of credit. Such commitments involve, to varying degrees, elements of credit and interest rate risk in excess of the amount recognized in the consolidated balance sheets.

The Bank's exposure to credit loss is represented by the contractual amount of these commitments. The Bank follows the same credit policies in making commitments as it does for on-balance-sheet instruments.

At December 31, 2018 and 2017, the following financial instruments were outstanding whose contract amounts represent credit risk:

	Contract Amount	
	2018	2017
	(in th	ousands)
Commitments to grant loans	\$ 3,717	\$ 8,238
Unfunded commitments under lines of credit	122,960	112,993
Commercial and standby letters of credit	1,827	2,424
Cash management unfunded commitments	28,544	24,285

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. The commitments for lines of credit may expire without being drawn upon. Therefore, the total commitment amounts do not necessarily represent future cash requirements. The amount of collateral obtained, if it is deemed necessary by the Bank, is based on management's credit evaluation of the customer.

Unfunded commitments under commercial lines of credit, revolving credit lines and overdraft protection agreements are commitments for possible future extensions of credit to existing customers. These lines of credit usually do not contain a specified maturity date and may not be drawn upon to the total extent to which the Bank is committed. The amount of collateral obtained, if it is deemed necessary by the Bank, is based on management's credit evaluation of the customer.

Commercial and standby letters of credit are conditional commitments issued by the Bank to guarantee the performance of a customer to a third party. Those letters of credit are primarily issued to support public and private borrowing arrangements. Essentially all letters of credit issued have expiration dates within one year. The credit risk involved in issuing letters of credit is essentially the same as that involved in extending loan facilities to customers. The Bank generally holds collateral supporting those commitments, if deemed necessary.

CFS maintains its cash accounts in several correspondent banks. The total amount by which cash on deposit in those banks exceeds the federally insured limits is approximately \$9,371,547 at December 31, 2018.

Note 18. Fair Value of Assets and Liabilities

Determination of Fair Value

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

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

Fair Value Hierarchy

In accordance with this guidance, CFS groups its financial assets and financial liabilities generally measured at fair value in three levels, based on the markets in which the assets and liabilities are traded and the reliability of the assumptions used to determine fair value.

- **Level 1** Valuation is based on quoted prices in active markets for identical assets and liabilities and generally includes debt and equity securities that are traded in an active exchange market. Valuations are obtained from readily available pricing sources for market transactions involving identical assets or liabilities.
- **Level 2** Valuation is based on inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly. The valuation may be based on quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the asset or liability.
- **Level 3** Valuation is based on unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

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

The following methods and assumptions were used by CFS in estimating fair value disclosures for financial instruments:

Cash and Cash Equivalents and Interest-Bearing Deposits in Banks

The carrying amounts of cash and short-term instruments approximate fair values based on the short-term nature of the assets.

Securities

Securities available for sale are recorded at fair value on a recurring basis. Fair value measurement is based upon quoted market prices, when available (Level 1). If quoted market prices are not available, fair values are measured utilizing independent valuation techniques of identical or similar securities for which significant assumptions are derived primarily from or corroborated by observable market data (Level 2). If the inputs used to provide the evaluation for certain securities are unobservable and/or there is little, if any, market activity then the security would fall to the lowest level of the hierarchy (Level 3).

The Company's investment portfolio is primarily valued using fair value measurements that are considered to be Level 2. The Company has contracted with a third party portfolio accounting service vendor for valuation of its securities portfolio. The vendor's primary source for security valuation is Interactive Data Corporation ("IDC"), which evaluates securities based on market data. IDC utilizes evaluated pricing models that vary by asset class and include available trade, bid, and other market information. Generally, the methodology includes broker quotes, proprietary modes, vast descriptive terms and conditions databases, as well as extensive quality control programs.

The vendor utilizes proprietary valuation matrices for valuing all municipal securities. The initial curves for determining the price, movement, and yield relationships within the municipal matrices are derived from industry benchmark curves or sourced from a municipal trading desk. The securities are further broken down according to issuer, credit support, state of issuance and rating to incorporate additional spreads to the industry benchmark curves.

The Company uses Bloomberg Valuation Service, an independent information source that draws on quantitative models and market data contributed from over 4,000 market participants, to validate third party valuations. Any material differences between valuation sources are researched by further analyzing the various inputs that are utilized by each pricing source.

Loans Held For Sale

Loans held for sale include mortgage loans and are carried at the lower of cost or market value. The fair values of mortgage loans held for sale are based on current market rates from investors within the secondary market for loans with similar characteristics. Carrying value approximates fair value.

Loans Receivable

Fair values for loans are estimated using discounted cash flow analyses, using market interest rates for comparable loans. Also included in the fair values for loans is a credit component adjustment. Fair values for nonperforming loans are estimated using discounted cash flow analyses or underlying collateral values, where applicable.

Cash Management Accounts

The carrying value of cash management accounts approximates their fair value. The future cash flows from these accounts are short-term in nature (less than 90 days) and the rate of return approximates current market rates.

Deposits

The fair values disclosed for demand deposits (for example, interest and noninterest checking, savings, and certain types of money market accounts) are, by definition, equal to the amount payable on demand at the reporting date (that is, their carrying amounts). The carrying amounts of variable-rate, fixed-term money market accounts and certificates of deposit, if any, approximate their fair values at the reporting date. Fair values for fixed-rate certificates of deposit are estimated using a discounted cash flow calculation that applies market interest rates on comparable instruments to a schedule of aggregated expected monthly maturities on time deposits.

Short-Term Debt

The carrying amounts of short-term debt maturing within 90 days approximate their fair values. Fair values of short-term debt is estimated using discounted cash flow analyses based on current market rates and similar types of borrowing arrangements.

Long-Term Debt and Trust Preferred Capital Notes

Current market rates for debt with similar terms and remaining maturities are used to estimate fair value of existing debt. Fair value of long-term debt is based on quoted market prices or dealer quotes for the identical liability when traded as an asset in an active market. If a quoted market price is not available, an expected present value technique is used to estimate fair value.

Accrued Interest

The carrying amounts of accrued interest approximate fair value.

Off-Balance-Sheet Credit-Related Instruments

Fair values for off-balance-sheet, credit-related financial instruments are based on fees currently charged to enter into similar agreements, taking into account the remaining terms of the agreements and the counterparties' credit standings.

Assets Measured at Fair Value on a Recurring Basis

The following tables present the balances of financial assets measured at fair value on a recurring basis as of December 31, 2018 and 2017:

		Fa	ir Value Me	asurements		
				1, 2018 Using		
Description	Carrying Value	in <i>l</i> Mark Identic	ed Prices Active cets for cal Assets vel 1)	Significant Other Observable Inputs (Level 2)	Uno	nificant bservable nputs .evel 3)
			(in thou	sands)		
Assets:						
Securities of state and political subdivisions	\$ 147,288	\$	_	\$ 147,288	\$	_
Mortgage-backed securities	59,478		_	55,096		4,382
Other debt securities	12,160		_	12,160		_
				asurements 1, 2017 Using		
Description	Carrying Value	Quote in <i>l</i> Marl Identic	ed Prices Active kets for cal Assets vel 1)	Significant Other Observable Inputs (Level 2)	Uno	Inificant bservable nputs evel 3)
Description	value	(LC	(in thou		(1	.evei 3)
Assets:			((
Securities of state and political subdivisions	\$ 141,222	\$		\$ 141,222	\$	_
Mortgage-backed securities	61,063		_	54,920		6,143

The following tables present the changes in Level 3 assets that are measured at fair value on a recurring basis for the years ended December 31, 2018 and 2017:

	Fair	Tota	l Realiz	ments U ed/Unre es) Inclu	ealized	ificant l	Jnobserva	ble In	puts (Lev	el 3)	
	Balance as of January 1, 2018	Net Ir	ncome	Comp	Other rehensive Loss	Issuar	ses, Sales, nces, and nents, Net	ln	ansfers and/or of Level 3		ance as of ember 31, 2018
					(in tho	usands)				
Mortgage-backed											
securities	\$ 6,143	\$	_	\$	(836)	\$		\$	(925)	\$	4,382
	Fair	Value M	easurei	ments U	sing Sign	ificant (Jnobserva	ble In	puts (Lev	el 3)	
				ed/Unre es) Inclu							
	Balance as of			-	Other		ses, Sales,		ansfers		ance as of

	January 1, 2017	Net Income	Comprehensive Income	Issuances, and Settlements, Net	In and/or Out of Level 3	December 31, 2017
			(in tho	usands)		
Mortgage-backed						
securities	\$ 7,744	\$ —	\$ (1,601)	\$ —	\$ —	\$ 6,143

Assets Measured at Fair Value on a Nonrecurring Basis

Under certain circumstances, CFS makes adjustments to the fair value of certain assets and liabilities although they are not measured at fair value on a recurring basis. The following tables present assets carried on the consolidated balance sheet by caption and by level in the fair value hierarchy at December 31, 2018 and 2017, for which a nonrecurring change in fair value has been recorded:

	Fair Value Measurements at December 31, 2018 Using					
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Sign O Obse In	ificant ificant ther ervable puts vel 2)	Unob Ir	nificant servable aputs evel 3)	
Impaired loans	\$ —	\$	_	\$	3,186	
Foreclosed assets	_		_		2,708	
	Fair Value Measurements at December 31, 2017 Using (in thousands)					
	Quoted Prices in Active Markets for Identical Assets (Level 1)	Sign O Obse In	ificant ther ervable puts vel 2)	Unob Ir	nificant servable aputs evel 3)	
Impaired loans	\$ —	\$	_	\$	3,113	
Foreclosed assets	_		_		3,200	

Fair Value N	Measurements at December 31, 2018	
/aluation		

		I all value Met	isdiements at December 51, 2010	
	Fair Value (in thousands)	Valuation Techniques	Unobservable Inputs	Weighted Average
Assets:				
Impaired loans	\$ 3,186	Market comparables	Discount applied to market comparables (1)	81.0%
Foreclosed assets	2,708	Market comparables	Discount applied to market comparables (1)	83.0%
Total	\$ 5,894			

(1) A discount percentage is applied based on age of independent appraisals, selling costs, current market conditions, and experience within the local market.

Fair Value Measurements at December 31, 2017

		I dii value ivice	asarements at December 51, 2017	
	Fair Value	Valuation		Weighted
	(in thousands)	Techniques	Unobservable Inputs	Average
Assets:				
Impaired loans	\$ 3,113	Market comparables	Discount applied to market comparables (1)	85.0%
Foreclosed assets	3,200	Market comparables	Discount applied to market comparables (1)	85.0%
Total	\$ 6,313			

⁽¹⁾ A discount percentage is applied based on age of independent appraisals, selling costs, current market conditions, and experience within the local market.

Impaired Loans

Loans are designated as impaired when, in the judgment of management based on current information and events, it is probable that all amounts due according to the contractual terms of the loan agreements will not be collected. The measurement of loss associated with impaired loans can be based on either the observable market price of the loan or the fair value of the collateral. Collateral may be in the form of real estate or business assets including equipment, inventory, and accounts receivable. The vast majority of the Company's collateral is real estate. The value of real estate is determined utilizing an income or market valuation approach based on an appraisal, of one year or less, conducted by an independent, licensed appraiser using observable market data (Level 2). However, if the collateral is a house or building in the process of construction or if an appraisal of the property is more than one year old and not solely based on observable market comparables, or management determines the fair value of the collateral is further impaired below the appraised value, then a Level 3 valuation is considered to measure the fair value. The value of business equipment is based upon an outside appraisal, of one year or less, if deemed significant, or the net book value on the applicable business's financial statements if not considered significant using observable market data. Likewise, values for inventory and accounts receivables collateral are based on financial statement balances or aging reports (Level 3). Impaired loans allocated to the allowance for loan losses are measured at fair value on a nonrecurring basis. Any fair value adjustments are recorded in the period incurred as provision for loan losses on the Consolidated Statements of Income.

Foreclosed Assets

Fair values of other real estate owned ("OREO") are carried at the lower of carrying value or fair value less selling costs. Fair value is based upon independent market prices, appraised values of the collateral, or management's estimation of the value of the collateral. When the fair value of the collateral is based on an observable market price or a current appraised value, the Company records the foreclosed asset as Level 2 valuation. When an appraised value is not available or management determines the fair value of the collateral is further impaired below the appraised value and there is no observable market price, the Company records the foreclosed asset as Level 3 valuation. Any fair value adjustments are recorded in the period incurred as a foreclosed asset expense on the Consolidated Statements of Income.

The estimated fair values, and related carrying or notional amounts, of CFS's financial instruments are as follows:

Fair Value Measurements at December 31, 2018

		i ali value ivicas	urements at Dec	eiiibei 31, 2010	
	Carrying Value	Quoted Prices in Active Markets for Identical Assets Level 1	Significant Other Observable Inputs Level 2	Significant Unobservable Inputs Level 3	Total Fair Value
Financial assets:			(in thousands)		
Cash and short-term investments	\$ 48,469	\$ 48,469	\$ —	\$ —	\$ 48,469
Securities available for sale	218,926	_	214,544	4,382	218,926
Other equity securities	1,933		_	1,933	1,933
Loans	511,300	_	509,142	3,186	512,328
Cash management accounts	34,436	_	32,884	_	32,884
Accrued interest receivable	3,558	_	3,558	_	3,558
Financial liabilities:					
Deposits	\$ 749,181	\$ —	\$ 726,978	\$ —	\$ 726,978
Trust preferred capital notes	5,155		4,054	_	4,054
Accrued interest payable	346		346	_	346

	Fair Value Measurements at December 31, 2017							
	Carrying Value	Quoted Prices in Active Markets for Identical Assets Level 1	Significant Other Observable Inputs Level 2	Significant Unobservable Inputs Level 3	Total Fair Value			
Financial assets:			(in thousands)					
Cash and short-term investments	\$ 17,631	\$ 17,631	\$ —	\$ —	\$ 17,631			
Securities available for sale	202,285	_	196,142	6,143	202,285			
Other equity securities	2,300	_		2,300	2,300			
Loans	489,669	_	479,501	3,113	482,614			
Cash management accounts	32,890	_	31,239	_	31,239			
Accrued interest receivable	3,287	_	3,287	_	3,287			
Financial liabilities:								
Deposits	\$ 675,458	\$ —	\$673,989	\$ —	\$ 673,989			
Trust preferred capital notes	5,155	_	4,055	_	4,055			
Short-term debt	10,006	_	10,070	_	10,070			
Accrued interest payable	171	_	171	_	171			

CFS assumes interest rate risk (the risk that general interest rate levels will change) as a result of its normal operations. As a result, the fair values of CFS's financial instruments will change when interest rate levels change and that change may be either favorable or unfavorable to CFS. Management attempts to match maturities of assets and liabilities to the extent believed necessary to minimize interest rate risk. However, borrowers with fixed rate obligations are less likely to prepay in a rising rate environment and more likely to prepay in a falling rate environment. Conversely, depositors who are receiving fixed rates are more likely to withdraw funds before maturity in a rising rate environment and less likely to do so in a falling rate environment. Management monitors rates and maturities of assets and liabilities and attempts to minimize interest rate risk by adjusting terms of new loans and deposits and by investing in securities with terms that mitigate CFS's overall interest rate risk.

Note 19. Minimum Regulatory Capital Requirements

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

The final rules implementing Basel Committee on Banking Supervision's capital guidelines for U.S. banks (Basel III rules) became effective for the Company on January 1, 2015 with full compliance with all of the requirements being phased in over a multi-year schedule, and fully phased in by January 1, 2019. The net unrealized gain or loss on available for sale securities is not included in computing regulatory capital. Management believes as of December 31, 2018, the Company and Bank meet all capital adequacy requirements to which they are subject.

When fully phased in on January 1, 2019, the Basel III Capital Rules will require the Company and the Bank to maintain (i) a minimum ratio of Common Equity Tier 1 capital to risk-weighted assets of at least 4.5%, plus a 2.5% "capital conservation buffer" (which is added to the 4.5% Common Equity Tier 1 capital ratio as that buffer is phased in, effectively resulting in a minimum ratio of Common Equity Tier 1 capital to risk-weighted assets of at least 7.0% upon full implementation), (ii) a minimum ratio of Tier 1 capital to risk-weighted assets of at least 6.0%, plus the capital conservation buffer (which is added to the 6.0% Tier 1 capital ratio as that buffer is phased in, effectively resulting in a minimum Tier 1 capital ratio of 8.5% upon full implementation), (iii) a minimum ratio of total capital (that is, Tier 1 plus Tier 2) to risk-weighted assets of at least 8.0%, plus the capital conservation buffer (which is added to the 8.0% total capital ratio as that buffer is phased in, effectively resulting in a minimum total capital ratio of 10.5% upon full implementation) and (iv) a minimum leverage ratio of 4.0%, calculated as the ratio of Tier 1 capital to average quarterly assets.

				For Ca		To Be Capitalize Prompt Co	d Under orrective
		Actu Amount	al Ratio	Adequacy		Action Pro	
Af D		Amount	Katio	Amount	Ratio	Amount	Ratio
As of December 31, 2018:							
Total Capital (to Risk-							
Weighted Assets):	Φ	100 160	1 < 10/	Φ 50 005	0.00/	D.T./ A	
Company		102,168	16.1%	\$ 50,825	8.0%	N/A	
Bank	\$	97,591	15.4%	\$ 50,549	8.0%	\$ 63,186	10.0%
Tier 1 Capital (to Risk-							
Weighted Assets):							
Company	\$	95,520	15.0%	\$ 38,119	6.0%	N/A	
Bank	\$	90,943	14.4%	\$ 37,912	6.0%	\$ 50,549	8.0%
Tier 1 Capital (to							
Average Assets):							
Company	\$	95,520	11.4%	\$ 33,463	4.0%	N/A	
Bank	\$	90,943	10.9%	\$ 33,243	4.0%	\$ 41,553	5.0%
Common Equity Tier 1							
Capital (to Risk-Weighted Assets)							
Company	\$	90,520	14.2%	\$ 28,589	4.5%	N/A	
Bank	\$	90,943	14.4%	\$ 28,434	4.5%	\$ 41,071	6.5%
As of December 31, 2017:							
Total Capital (to Risk-							
Weighted Assets):							
Company	\$	92,483	15.4%	\$ 48,135	8.0%	N/A	
Bank	\$	88,045	14.7%	\$ 47,821	8.0%	\$ 59,777	10.0%
Tier 1 Capital (to Risk-	,	,	,	,		7	
Weighted Assets):							
Company	\$	86,336	14.3%	\$ 36,101	6.0%	N/A	
Bank	\$	81,898	13.7%	\$ 35,866	6.0%	\$ 47,821	8.0%
Tier 1 Capital (to	Ψ	, - , -	-2.770	+ 02,000	2.3,0	÷ -, ,0=1	3.070
Average Assets):							
Company	\$	86,336	11.1%	\$ 31,159	4.0%	N/A	
Bank	\$	81,898	10.6%	\$ 30,938	4.0%	\$ 38,672	5.0%
Common Equity Tier 1 Capital (to Risk-Weighted	Ψ	01,070	10.070	Ψ 50,750	4.070	Ψ 36,072	<i>J</i> .0 70
Assets)							
Company Bank	\$	81,413	13.5%	\$ 27,076	4.5%	N/A	
	\$	81,898	13.7%	\$ 26,899	4.5%	\$ 38,855	6.5%

As a member of the Federal Reserve System, the Bank is required to maintain certain average reserve balances. For the final weekly reporting period in the years ended December 31, 2018 and 2017 the aggregate amounts of daily average required balances were approximately \$1,724,000 and \$1,982,000, respectively. These reserve requirements were covered by internal holdings.

Note 20. Accumulated Other Comprehensive Income

Changes in each component of accumulated other comprehensive income for the years ended December 31, 2018 and 2017 were as follows:

	G	et Unrealized ains (Losses) Securities, Net
Balance at December 31, 2017	\$	5,042,173
Unrealized losses on securities available		
for sale, net of tax benefit of \$704,527		(2,650,363)
Reclassification adjustment, net of tax expense of \$49,285		(185,404)
Balance at December 31, 2018	\$	2,206,406
Balance at December 31, 2016	\$	2,575,857
Unrealized gains on securities available		
for sale, net of tax expense of (\$867,946)		1,684,834
Reclassification adjustment, net of tax expense of \$24,853		(48,242)
Reclassification of stranded AOCI		829,724
Balance at December 31, 2017	\$	5,042,173

Details regarding reclassifications out of accumulated other comprehensive income for the years ended December 31, 2018 and 2017 were as follows:

Reclassifications Out of Accumulated Other Comprehensive Income for the Year Ended December 31, 2018:

Details about AOCI Components	Amount Reclassified from AOCI	Affected Line Item in the Consolidated Income Statement
		Net gain on sales of securities
Realized gain on sale of securities	\$ 234,689	available for sale
Income tax expense	(49,285)	Income tax expense
Total reclassifications	\$ 185,404	Net of tax

Reclassifications Out of Accumulated Other Comprehensive Income for the Year Ended December 31, 2017:

Details about AOCI Components	Re	Amount eclassified rom AOCI	Affected Line Item in the Consolidated Income Statement
Realized gain on sale of securities	\$	73,095	Net gain on sales of securities available for sale
Income tax expense		(24,853)	Income tax expense
Stranded AOCI		829,724	Retained earnings
Total reclassifications	\$	877,966	Net of tax

Note 21. Condensed Parent Company Financial Statements

The following parent company accounting policies should be read in conjunction with the related condensed balance sheets, statements of income, and statements of cash flows.

Investments in subsidiaries are accounted for using the equity method of accounting. The parent company and its subsidiaries file a consolidated federal income tax return. The subsidiaries' individual tax provisions and liabilities are stated as if they filed separate returns and any benefits or detriments of filing the consolidated tax return are absorbed by the parent company.

The parent company's principal assets are its investments in its wholly-owned subsidiaries. Dividends from the Bank are the primary source of funds for the parent company. The payment of dividends by the Bank is restricted by various statutory limitations. Banking regulations also prohibit extensions of credit by the Bank to the parent company unless appropriately secured by assets. As of December 31, 2018, the amount available for payment of additional dividends without prior regulatory approval from the Bank to the parent company is \$13,099,146 or 14.13% of consolidated net assets.

Balance Sheets (Condensed)

	Decer	December 31,		
	2018	2017		
Assets				
Cash	\$ 632,138	\$ 910,903		
Investment in subsidiaries	95,124,809	88,736,612		
Premises and equipment, net	1,582,973	1,688,370		
Other assets	969,050	1,023,011		
Total assets	\$ 98,308,970	\$ 92,358,896		
Tinkilisin and Chambaldon? Frances				
Liabilities and Shareholders' Equity				
Borrowings	\$	\$ 6,161		
Trust preferred capital notes	5,155,000	5,155,000		
Other liabilities	427,632	435,713		
Shareholders' equity	92,726,338	86,762,022		
Total liabilities and shareholders' equity	\$ 98,308,970	\$ 92,358,896		

Statements of Income (Condensed)

Statements of income (condensed)		
	2018	2017
Income: Dividends from subsidiaries	\$ 2,405,168	\$ 2,403,843
Other	440,781	697,300
Total income	\$ 2,845,949	\$ 3,101,143
Expenses: Interest expense	\$ 186,435	\$ 136,749
Other expenses	1,315,200	1,361,594
Total expenses	\$ 1,501,635	\$ 1,498,343
Income before income taxes and equity in undistributed earnings of subsidiaries	\$ 1,344,314	\$ 1,602,800
Allocated income tax expense	251,245	203,227
Income before equity in undistributed earnings of subsidiaries	\$ 1,595,559	\$ 1,806,027
Equity in undistributed	4 4	
earnings of subsidiaries	9,224,401	7,142,906
Net income	\$ 10,819,960	\$ 8,948,933

Statements of Cash Flows (Condensed)		
	2018	2017
Cash Flows from Operating Activities		
Net income	\$ 10,819,960	\$ 8,948,933
Adjustments to reconcile net income to net cash		
provided by operating activities:		
Depreciation	105,397	150,602
Equity in distributed earnings of subsidiaries	(9,224,401)	(7,142,906)
Stock-based compensation	398,473	478,278
Changes in other assets and liabilities:		
Decrease in other assets	224,858	231,544
(Decrease) increase in other liabilities	(8,081)	(81,025)
Net cash provided by operating activities	\$ 2,316,206	\$ 2,585,426
Cash Flows from Financing Activities		
Dividends paid	\$ (2,249,623)	\$ (2,066,072)
Curtailment of borrowings	(6,161)	(71,796)
Repurchase of common stock	(744,853)	(895,938)
Exercise of stock options	405,666	590,232
Net cash used in financing activities	\$ (2,594,971)	\$ (2,443,574)
Net (decrease) increase in cash	\$ (278,765)	\$ 141,852
Cash at beginning of year	910,903	769,051
Cash at end of year	\$ 632,138	\$ 910,903

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To the Board of Directors and Shareholders Chesapeake Financial Shares, Inc. Kilmarnock, Virginia

Report on the Financial Statements

We have audited the accompanying consolidated financial statements of Chesapeake Financial Shares, Inc. and Subsidiaries, which comprise the consolidated balance sheets as of December 31, 2018 and 2017, and the related consolidated statements of income, comprehensive income, changes in shareholders' equity and cash flows for the years then ended and the related notes to the consolidated financial statements (collectively, the financial statements).

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Chesapeake Financial Shares, Inc. and Subsidiaries as of December 31, 2018 and 2017, and the results of their operations and their cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Raleigh, North Carolina February 14, 2019

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Financial Overview: Chesapeake Financial Shares, Inc. (CFS or the Company) posted earnings of \$10,819,960 for 2018. The return on average equity in 2018 was 12.07% and return on average assets was 1.32% compared to 10.64% and 1.16%, respectively, in 2017. At December 31, 2018, CFS had total assets of \$854.8 million which was up 8.9% when compared to December 31, 2017. The Company ended 2018 with total gross loans of \$511.3 million, and total deposits of \$749.2 million, up 4.4% and 10.9%, respectively.

The current economic environment continued to cause competitive pricing pressures on loans. Despite the pressures mentioned, loan volume was up \$21.6 million for 2018 which brought the average annual loan growth rate for the last five years to 6.1%. Total past due and nonaccrual loans increased by \$3,863,597 from December 31, 2017 to December 31, 2018 primarily due to one credit. The loan loss reserve to gross loans less unearned discounts remained at an adequate level at December 31, 2018 of 1.0%. The deposit increase of 10.9% for 2018 brought the average annual deposit growth rate for the last five years to 5.7%.

Summary of Results of Operations: Earnings for 2018 were \$10,819,960 or \$2.61 per share (fully diluted) compared to \$8,948,933 or \$2.17 per share in 2017, an increase of \$1,871,027. The 20.9% increase in net income resulted primarily due to increases in the net interest margin and growth in merchant card processing and cash management lines of business. Net interest income before the provision for loan losses was up 5.2% from 2017. There was a 3.4% increase or \$608,319 in noninterest income and noninterest expense increased by 4.9% or \$1,552,243 in 2018 over 2017. Merchant services income, net and cash management fee income increased from the 2017 levels by \$369,625 and \$391,157 or 9.3% and 10.4%, respectively. Also, trust income and wealth management fees increased \$251,992 in 2018 over 2017 or 7.0%. In addition to these factors, management also recognized gains on the sale of investment securities of \$234,689.

Earnings for 2017 were \$8,948,933 or \$2.17 per share (fully diluted) compared to \$7,026,400 or \$1.71 per share in 2016, an increase of \$1,922,533. The 27.4% increase in net income resulted largely due to increases in the net interest margin and growth in merchant card processing and cash management lines of business.

Assets

Loan Portfolio: The loan portfolio is the largest component of earning assets for the Company and accounts for the greatest portion of total interest income. The gross loan portfolio totaled \$511.3 million, \$489.7 million, and \$453.4 million as of December 31, 2018, 2017, and 2016, respectively, representing an increase of 4.4% at December 31, 2018 compared to December 31, 2017, 8.0% for 2017 from December 31, 2016, and 9.8% for December 31, 2016 to December 31, 2015. Commercial (including real estate and non real estate combined) and residential loan balances were up 5.2% or \$19.9 million and 2.8% or \$2.5 million, respectively. Consumer loan balances were down 6.9% or \$0.8 million.

On December 31, 2018, the loan portfolio consisted of 79.5% commercial loans, 18.4% single-family residential and residential construction loans, and 2.2% consumer and other loans. Commercial loans consisted primarily of business loans such as owner-occupied commercial development, retail, builders/contractors, medical, service and professional, hospitality, nonprofits, marine industry, and a small portion of agricultural and seafood loans.

Total nonperforming assets consisted of nonaccrual loans, performing restructured loans, repossessed and foreclosed properties, and other real estate owned. Nonperforming assets were \$11,299,758 at December 31, 2018, which represented a 24.3% increase from \$9,090,822 at December 31, 2017. Past due loans over 30 days, excluding nonaccrual, totaled \$1,377,297 at December 31, 2018. Nonaccrual loans were \$7.9 million or 1.5% of total loans at December 31, 2018. A significant portion of the nonperforming asset total is attributable to a group of loans that are included as a result of a reclassification of these credits based on the identification of some weakness. Any potential loss related to these loans has been incorporated in the allowance for loan losses.

Investment Securities: All of CFS's securities are classified as securities available for sale. Securities may be classified as investment securities (held to maturity) when management has the intent and CFS has the ability at the time of purchase to hold the securities to maturity. Investment securities are carried at cost adjusted for amortization of premiums and accretion of discounts. Securities available for sale include securities that may be sold in response to changes in market interest rates, changes in the securities option or credit risk, increases in loan demand, general liquidity needs and other similar factors. Securities available for sale are carried at fair market value.

The fair market value of the portfolio was \$2,206,406 greater than amortized cost, net of the tax effect, at December 31, 2018, and was \$4,212,449 more than amortized cost, net of the tax effect, at December 31, 2017. This is within risk limits established by the Board of Directors and the Asset/Liability Management Committee.

At December 31, 2018, total securities at fair market value were \$218.9 million, up \$16.7 million from \$202.3 million on December 31, 2017. Investments in securities of state and political subdivisions increased by \$6.1 million or 4.3%. Investments in mortgage-backed securities decreased by \$1.6 million or 2.6%. Other domestic debt securities increased by \$12.2 million or 100%.

Asset Quality-Provision/Allowance for Loan Losses: The provision for loan losses is a charge against earnings necessary to maintain the allowance for loan losses at a level consistent with management's evaluation of the credit quality and risk adverseness of the loan portfolio. The allowance for loan losses represents management's estimate of the amount adequate to provide for potential losses inherent in the loan portfolio. To achieve this goal, the loan loss provision must be sufficient to cover loans charged off plus any growth in the loan portfolio and recognition of specific loan impairments. In determining the adequacy of the allowance for loan losses, management uses a methodology which specifically identifies and reserves for higher risk loans. Loans in a nonaccrual status and over 90 days past due are considered in this evaluation as well as other loans, which may be a potential loss. The status of nonaccrual and past due loans varies from quarter to quarter based on seasonality, local economic conditions, and the cash flow of customers. A general reserve is established for nonspecifically reserved loans.

The allowance for loan losses was \$5,095,827 or 1.0% of gross loans less unearned discounts at December 31, 2018. This ratio was .92% on December 31, 2017, and 1.1% at December 31, 2016. The table below represents the provision for loan losses taken in years 2018 and 2017 as well as loans charged off and subsequent recoveries.

	2018	2017
Provision for loan losses	\$ 524,997	\$ 949,996
Loans charged off	172,690	1,627,079
Recoveries	248,241	162,545

Management and the Board of Directors believe that the total allowance at December 31, 2018 was adequate relative to current levels of risk in the portfolio. However, continued loan growth or increases in specific problem loans may warrant additional provisions in the future.

Liabilities

Deposits: CFS depends on deposits to fund most of its lending activities, generate fee income opportunities, and create a market for other financial service products. Deposits are also the largest component of CFS's liabilities and account for the greatest portion of interest expense.

Deposits totaled \$749.2 million, \$675.4 million, and \$609.7 million, as of December 31, 2018, 2017, and 2016, respectively, and represented an increase of 10.9% for December 31, 2018 to December 31, 2017 and 10.8% for December 31, 2017 to December 31, 2016. The below table represents a breakdown of total deposits.

				Percent
	2018	2017	Change	Change
Demand deposits (noninterest bearing)	\$ 165,628,082	\$ 158,589,012	\$ 7,039,070	4.4%
Savings & interest bearing deposits	360,662,903	309,422,627	51,240,276	16.6%
Certificates of deposit	222,890,463	207,446,223	15,444,240	7.4%
Total deposits	\$ 749,181,448	\$ 675,457,862	\$ 73,723,586	10.91%

Net Interest Income: The principal source of earnings for CFS is net interest income. Net interest income is the difference between interest plus fees generated by earning assets and interest expense paid to fund those assets. As such, net interest income represents the gross profit from the Bank's lending, investment, and funding activities.

A large number of variables interact to affect net interest income. Included are variables such as changes in the mix and volume of earning assets and interest bearing liabilities, market interest rates, and the statutory federal tax rate. It is management's ongoing policy to maximize net interest income through the development of balance sheet and pricing strategies while maintaining appropriate risk levels as set by the Board of Directors.

Net interest income totaled \$27.4 million and \$26.0 million, for 2018 and 2017, respectively, representing an increase of 5.4% for 2018 over 2017 and 6.4% for 2017 over 2016. Total interest income was \$32.3 million, \$29.8 million and \$27.9 million for 2018, 2017, and 2016, respectively. Total interest expense was \$5.0 million, \$3.8 million, and \$3.4 million for 2018, 2017, and 2016, respectively. On a consolidated tax equivalent annualized basis, the 2018 net interest margin was 4.1%. Margins have been well above peer through numerous rate cycles and through the recent recession.

Noninterest Income: For the year ended December 31, 2018, noninterest income was \$18.7 million. This represents an increase in noninterest income of \$608,319 for the year. Most of this increase is attributable to merchant discount and cash management income. Changes in noninterest income categories are highlighted below.

				Percent
	2018	2017	Change	Change
Trust income and wealth management	\$ 3,865,560	\$ 3,613,568	\$ 251,992	7.0%
Service charge income	1,155,409	1,091,378	64,031	5.9%
Gains on sale of securities	234,689	73,095	161,594	221.1%
Merchant services, net	4,346,791	3,977,166	369,625	9.3%
Cash management fee income	4,151,301	3,760,144	391,157	10.4%
ATM fee income	1,539,870	1,400,737	139,133	9.9%
Other income	3,414,644	4,183,856	(769,212)	-18.4%
Total noninterest income	\$ 18,708,264	\$ 18,099,944	\$ 608,320	3.4%

Noninterest income represented 38.5% of the total gross revenue for the Company. Sources of noninterest income include the Company's merchant processing services (Chesapeake Payment Systems), accounts receivable financing (Cash Flow), wealth management and trust services (Chesapeake Wealth Management) and mortgage origination sold to a secondary market.

Noninterest Expense: Total noninterest expense increased 4.9%, or \$1.6 million in 2018 over 2017. In 2017, total noninterest expense increased 10.8% or \$4.0 million over 2016. Software and advertising expense increased \$261,512 and \$233,402 respectively over 2017 as the company increased spending on banking platforms and increased brand awareness. Below is a breakdown of other expenses for 2018 over 2017.

2018	2017	Change	Percent Change
\$ 80,000	\$ 120,000	\$ (40,000)	-33.3%
1,051,750	818,348	233,402	28.5%
1,783,964	1,522,452	261,512	17.2%
503,306	368,620	134,686	36.5%
229,467	277,487	(48,020)	-17.3%
229,237	243,547	(14,310)	-5.9%
333,961	368,927	(34,966)	-9.5%
6,450,617	6,124,607	326,010	5.3%
\$ 10,662,302	\$ 9,843,988	\$ 818,314	8.3%
	\$ 80,000 1,051,750 1,783,964 503,306 229,467 229,237 333,961 6,450,617	\$ 80,000 \$ 120,000 1,051,750 818,348 1,783,964 1,522,452 503,306 368,620 229,467 277,487 229,237 243,547 333,961 368,927 6,450,617 6,124,607	\$ 80,000 \$ 120,000 \$ (40,000) 1,051,750 818,348 233,402 1,783,964 1,522,452 261,512 503,306 368,620 134,686 229,467 277,487 (48,020) 229,237 243,547 (14,310) 333,961 368,927 (34,966) 6,450,617 6,124,607 326,010

Liquidity, Interest Rate Sensitivity, and Inflation: The objectives of CFS's liquidity management policy include providing adequate funds to meet the needs of depositors and borrowers at all times, as well as providing funds to meet the basic needs for ongoing operations of CFS, and to allow funding of longer-term investment opportunities and regulatory requirements. The objective of providing adequate funding should be accomplished at reasonable costs and on a timely basis. Management considers CFS's liquidity to be adequate.

The Bank's primary sources of asset liquidity continue to be federal funds purchased, time deposits with other banks, securities maturing within one year, loan curtailments, and short-term borrowings.

Other sources of asset liquidity include the normal amortization and prepayment of loans, sale of loans, and proceeds from the sale of repossessed assets and other real estate owned. The sale of loans through the secondary market operation enhances the liquidity position by providing both fixed and adjustable rate long-term mortgage options to our client base. Mortgage loans held for resale are stated at the lower of cost or market (or contract value), however, due to the quick turning of these assets, seldom do these loans represent more than 1% of total assets.

Bank management maintains overnight borrowing relationships with correspondent banks for up to \$115.3 million, secured and unsecured. CFS has access to additional secured borrowing of \$5.0 million.

As of December 31, 2018, the Bank held \$2,708,399 in other real estate owned. These assets are being actively marketed through real estate channels and represent near-term secondary sources of liquidity. The Company was able to dispose of one other real estate owned property during 2018.

Since the assets and liabilities of a bank are primarily monetary in nature (payable in fixed, determinable amounts), the performance of a bank is affected more by changes in interest rates than by inflation. Interest rates generally increase as the rate of inflation increases, but the magnitude of the change in rates may not be the same. Interest rate sensitivity refers to the difference between assets and liabilities subject to repricing, maturity, or volatility during a specified period. Management's objective in controlling interest rate sensitivity is to reprice loans and deposits and make investments that will maintain a profitable net interest margin (see "Net Interest Income").

While the effect of inflation is normally not as significant as its influence on those businesses that have large investments in plant and inventories, it does have an effect. There are normally corresponding increases in the money supply, and banks will normally experience above-average growth in assets, loans and deposits. Also, general increases in the prices of goods and services will result in increased operating expenses.

Shareholders' Equity: Capital represents funds, earned or obtained, over which management can exercise greater control in comparison with deposits and borrowed funds. Future growth and expansion of CFS is dictated by the ability to produce capital. The adequacy of CFS's capital is reviewed by management on an ongoing basis with reference to the size, composition and quality of CFS's asset and liability levels and consistent with regulatory requirements and industry standards. Management seeks to maintain a capital structure that assures an adequate level to support anticipated asset growth and absorb potential losses.

Regulators have adopted minimum capital standards. The final rules implementing Basel Committee on Banking Supervision's capital guidelines for U.S. banks (Basel III rules) became effective for the Company on January 1, 2015 with full compliance with all of the requirements being phased in over a multi-year schedule, and fully phased in by January 1, 2019. The net unrealized gain or loss on available for sale securities is not included in computing regulatory capital. Management believes as of December 31, 2018, the Company and Bank meet all capital adequacy requirements to which they are subject.

When fully phased in on January 1, 2019, the Basel III Capital Rules will require the Company and the Bank to maintain (i) a minimum ratio of Common Equity Tier 1 capital to risk-weighted assets of at least 4.5%, plus a 2.5% "capital conservation buffer" (which is added to the 4.5% Common Equity Tier 1 capital ratio as that buffer is phased in, effectively resulting in a minimum ratio of Common Equity Tier 1 capital to risk-weighted assets of at least 7.0% upon full implementation), (ii) a minimum ratio of Tier 1 capital to risk-weighted assets of at least 6.0%, plus the capital conservation buffer (which is added to the 6.0% Tier 1 capital ratio as that buffer is phased in, effectively resulting in a minimum Tier 1 capital ratio of 8.5% upon full implementation), (iii) a minimum ratio of total capital (that is, Tier 1 plus Tier 2) to risk-weighted assets of at least 8.0%, plus the capital conservation buffer (which is added to the 8.0% total capital ratio as that buffer is phased in, effectively resulting in a minimum total capital ratio of 10.5% upon full implementation) and (iv) a minimum leverage ratio of 4.0%, calculated as the ratio of Tier 1 capital to average quarterly assets.

The table below represents CFS's capital ratios as of December 31, 2018 and December 31, 2017.

	2018	2017
Total capital to risk-weighted assets	16.1%	15.4%
Tier 1 capital to risk-weighted assets	15.0%	14.3%
Tier 1 capital to average assets	11.4%	11.1%
Common equity tier 1 capital to risk-weighted assets	14.2%	13.5%

Dividend and Market Information: The Company's stock trades on the "OTC" (Over the Counter) market under the symbol "CPKF". The Company has increased its dividend payment annually for more than 25 years. The Company raised its dividend to \$0.55 per share in 2018, an increase of \$0.04 over 2017. Trades in the Company's common stock occurred infrequently and generally involved a relatively small number of shares. Based on information available, the selling price for the Company's common stock during 2018 ranged from \$23.56 to \$32.15, and during 2017, from \$20.50 to \$30.00. Such transactions may not be representative of all transactions during the indicated periods of the fair value of the stock at the time of such transactions due to the infrequency of trades and the limited market for the stock. Management attributes the Company's ability to maintain stable share prices, during hard economic times, to its earnings over the past several years. At December 31, 2018 there were 4,097,365 shares of the Company's common stock outstanding held by approximately 229 holders of record. The Board of Directors of CFS approved the purchase and retirement of up to 5,000 shares of CFS stock in 2018 of which 4,513 shares were executed upon.

Income Taxes: Income tax expense for the Company decreased for 2018 due to the elimination of alternative minimum tax and the decrease of corporate tax rate from 34% to 21%.

Chesapeake Financial Shares, Inc. — Directors

Jeffrey M. Szyperski

Chairman of the Board,

Chief Executive Officer and President

Douglas D. Monroe, Jr.

Vice Chairman

R. Blaine Altaffer

President and Chief Executive Officer GreenTop Sporting Goods

Eugene S. Hudnall, Jr.

Owner and Operator

Kilmarnock Mini Storage

John H. Hunt II

EVP and Business Development Chesapeake Wealth Management, Inc.

Thomas E. Kellum

President

W. Ellery Kellum, Inc.

Craig J. Kelly

Managing Director

Creekside Consultants

Bruce P. Robertson

Retired CEO

Shirley Pewter Shops, Inc.

William F. Shumadine, Jr.

Former President

Central Fidelity Bank

Robert J. Singley, Sr.

President

RJS & Associates, Inc.

Thomas G. Tingle, AIA

President

GuernseyTingle

Chesapeake Bank — **Directors**

Jeffrey M. Szyperski

Chairman of the Board,

Chief Executive Officer and President

David E. Bush, CPA, CFP, PFS

Managing Director

PBMares Wealth Management, LLC

Charles C. Chase II

President

Chase Properties, Inc.

Daniel L. Hargett

Principal

Rebkee

James M. Holmes, Jr.

Retired Healthcare Executive

Thomas E. Kellum

President

W. Ellery Kellum, Inc.

Douglas D. Monroe, Jr.

Chairman Emeritus

Chesapeake Bank

Thomas G. Tingle, AIA

President

GuernseyTingle



IT'S ALL ABOUT COMMUNITY.

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