



# 2018 First Quarter Earnings Presentation

April 23, 2018

# Agenda

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## FIRST QUARTER THEMES

- Craig Dahl (Chief Executive Officer)

## REVENUE / LOANS AND LEASES / DIGITAL BANKING

- Craig Dahl

## DEPOSITS / INTEREST RATES / EXPENSES / CAPITAL

- Brian Maass (Chief Financial Officer)

## CREDIT

- Jim Costa (Chief Risk Officer & Chief Credit Officer)

## CLOSING COMMENTS

- Craig Dahl

## Q&A



# First Quarter Themes

**Net income of \$73.8 million and diluted EPS of 39 cents**

*Impacted by one-time reduction in net income available to common stockholders of \$3.5 million, or 2 cents per share, related to redemption of Series B Preferred Stock*

## 1 CONTINUE TO BENEFIT FROM ASSET SENSITIVE BALANCE SHEET

- Interest rate increases continue to positively impact loan and lease yields
- Year-over-year loan and lease yield expansion exceeding deposit cost expansion
- Maintaining a strong net interest margin with increasing capital efficiency and lower credit risk

## 2 PROGRESS IN DRIVING IMPROVED EFFICIENCIES YEAR-OVER-YEAR

- Revenue growth exceeded non-interest expense growth, which resulted in an improved efficiency ratio
- Decline in compensation and other non-interest expenses (excluding operating lease depreciation)

## 3 RUN-OFF OF THE AUTO FINANCE PORTFOLIO IS PROGRESSING AS EXPECTED

- Run-off being reinvested into other loan and lease portfolios and debt securities
- Pace of run-off meeting expectations
- Credit quality of the auto finance portfolio meeting expectations

## 4 STRONG CREDIT QUALITY PERFORMANCE CONTINUES

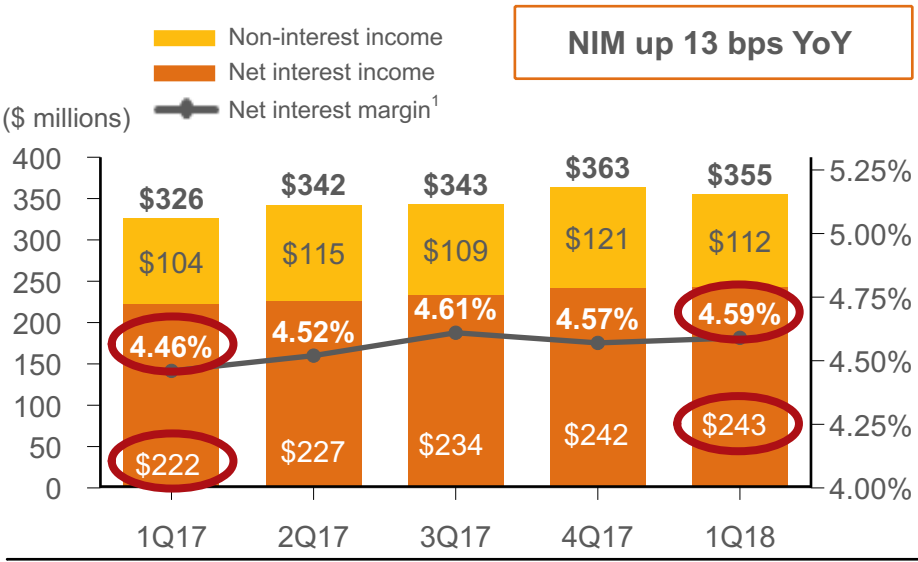
- Year-over-year decline in net charge-offs as a percent of average loans (excluding consumer real estate non-accrual loan sale in 1Q17)<sup>1</sup>
- Reducing risk profile of balance sheet highlighted by run-off of the auto finance portfolio
- Net charge-offs excluding auto finance portfolio of 9 bps<sup>1</sup>

## 5 EXECUTION OF CAPITAL INITIATIVES

- Continued to repurchase shares via our \$150 million share repurchase authorization
- Completed redemption of Series B Preferred Stock, resulting in reduced dividend expense beginning in 2Q18
- Opportunities for additional capital initiatives over time as risk profile improves

<sup>1</sup> Refer to Slide 13 "Net Charge-off Ratio" for further information.

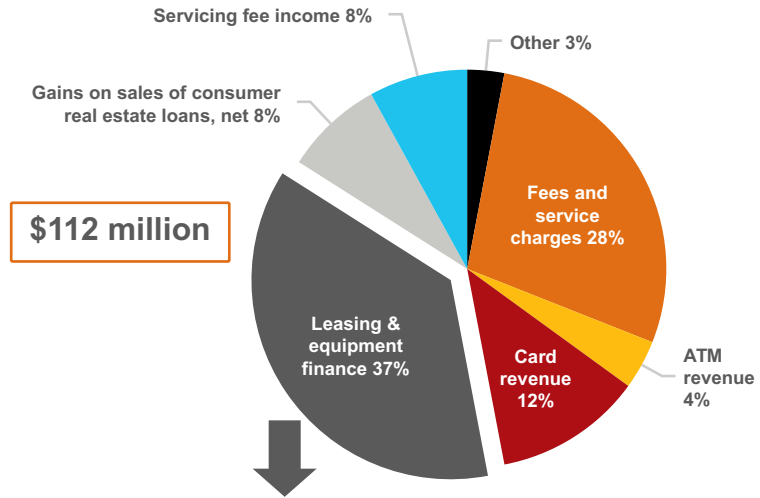
# Revenue Summary



## 1Q18 vs. 1Q17 revenue impacted by the following 1Q18 items:

- Higher net interest income driven by a combination of higher yields and growth in the loan and lease portfolio
- Higher levels of leasing and equipment finance revenue (non-interest income) primarily due to purchase of a leasing company in June 2017 and growth
- Reduction in gains on sales and servicing fee income

## NON-INTEREST INCOME DIVERSIFICATION



## NET LEASING AND EQUIPMENT FINANCE NON-INTEREST INCOME

(\$ millions)	1Q17	1Q18
Leasing and equipment finance non-interest income	\$28	\$42
Operating lease depreciation	\$(11)	\$(17)
<b>Net leasing and equipment finance non-interest income</b>	<b>\$17</b>	<b>\$25</b>

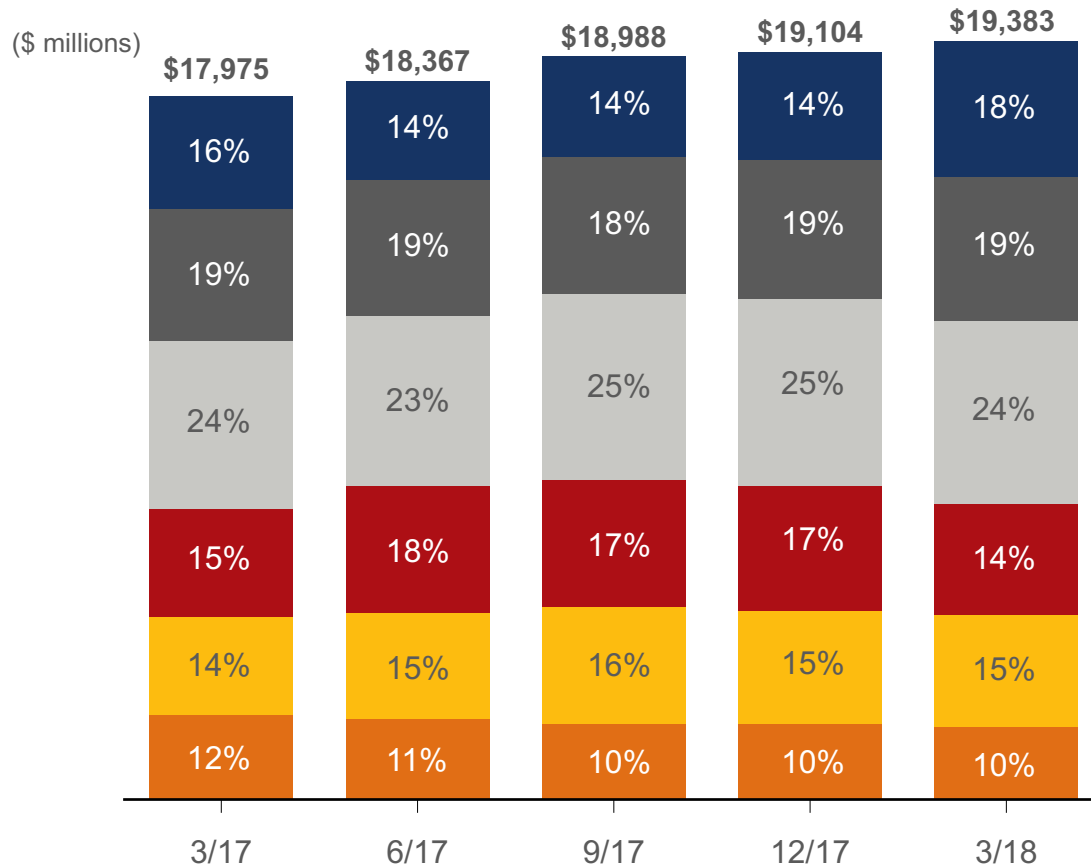
**NET INCREASE OF \$8M YoY**

- Strategic investments resulting in strong operating lease growth, creating more consistent net leasing revenue

# Loan and Lease Portfolio

- Inventory finance
- Commercial
- Leasing and equipment finance
- Auto finance
- Consumer real estate - Junior lien
- Consumer real estate & Other - First mortgage lien

Loan and lease growth of 7.8% YoY



- Year-over-year loan and lease growth in wholesale businesses:
  - Inventory finance up 20.7%
  - Leasing and equipment finance up 9.1%
  - Commercial up 8.9%
- Strong loan and lease diversification by asset class, geography, rate, average loan and lease size, estimated weighted average life and collateral type
- Auto finance portfolio run-off of \$360.3 million in 1Q18
- Loan and lease growth of 8.9% year-over-year excluding auto finance



# Loan and Lease Yields<sup>1</sup>

	1Q17	4Q17	1Q18
Consumer real estate:			
First mortgage lien	5.33%	5.36%	5.37%
Junior lien	5.82	6.13	6.34
Commercial	4.43	4.90	4.93
Leasing and equipment finance	4.48	4.90	4.81
Inventory finance	5.93	6.01	6.64
Auto finance	4.15	5.23	5.28
<b>Total loans and leases</b>	<b>4.95</b>	<b>5.35</b>	<b>5.49</b>
<b>Total excluding auto finance</b>	<b>5.10</b>	<b>5.38</b>	<b>5.53</b>
Peer group <sup>2</sup> average	4.45	4.66	N.A.

- Balance sheet asset sensitivity and continued pricing discipline resulting in strong yield performance
- Year-over-year increase in yields across all loan and lease portfolios
- Year-over-year expansion in loan and lease yields, excluding auto finance, of 43 bps

<sup>1</sup> Annualized and presented on a fully tax-equivalent basis

<sup>2</sup> All U.S. publicly-traded banks and thrifts, excluding TCF, with total assets between \$10 and \$50 billion as of December 31, 2017 that have reported loan and lease yields for the past four quarters, includes loans held for sale (source: S&P Global Market Intelligence)

N.A. Not Available

# A Focus on Digital Banking

## IN 2017, TCF LAUNCHED AN ENHANCED DIGITAL BANKING PLATFORM TO MEET THE EVOLVING NEEDS OF OUR CUSTOMERS...

- Enhanced digital features include thumbprint and facial recognition, mobile deposit capture and advanced budgeting tools
- Continue to shift investment from branch to self-service channels to align with customer preferences

## ...AND THE RESPONSE EXCEEDED EXPECTATIONS

- Four times as many concurrent users on digital platform since the launch
- A digital offering with functionality on par with larger peers helps to reduce attrition and create new customer relationships

## MORE DIGITAL ENHANCEMENTS TO COME

- New digital platform allows for quicker and more efficient rollout of future enhancements

## TCF's SHIFT TOWARDS DIGITAL AND SELF SERVICE

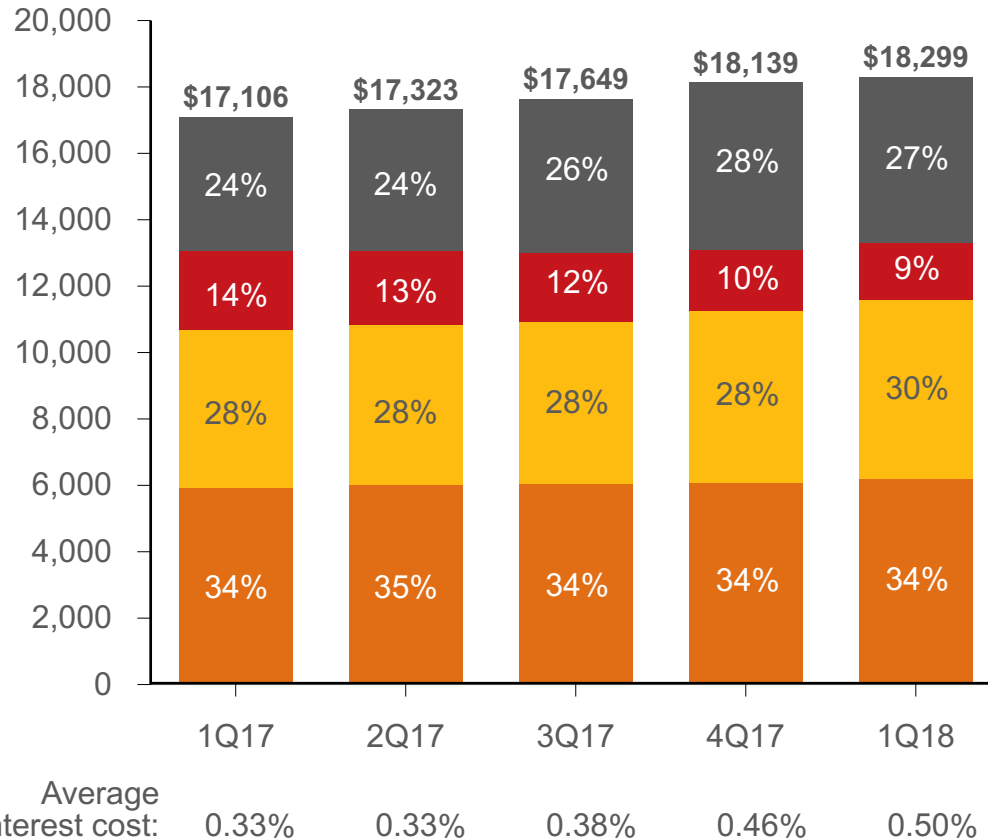
- Since beginning of 2012:
  - Reduced branch count
  - Increased number of ATMs including 284 image-enabled
  - \$6.5 billion of deposit growth
- 1Q18 vs. 1Q17:
  - 119% increase in digital and ATM deposit transactions
  - 51% increase in digital account openings
  - 264 bps decline in checking account attrition



# Deposit Generation

- Certificates of deposit
- Money market
- Savings
- Checking

Average Balances (\$ millions)



- 87% of average deposit balances are consumer
- Relative value of retail deposits increasing as short-term interest rates rise
- Total average deposits increased \$1.2 billion, or 7.0%, year-over-year
- Average interest rate on deposits up 4 basis points on a linked quarter basis with growth in average savings and checking balances and declines in money market and CD balances





# Positive Impact of Rising Interest Rates

## Strategic Pillars

Diversification

1

Profitable Growth

2

## IMPACT ON VARIABLE- AND ADJUSTABLE-RATE PORTFOLIOS

	Average Balances		Yields <sup>1</sup>		Change
	1Q18	1Q17	1Q18	1Q17	
Consumer real estate	\$3.0B	5.54%	6.18%		64 bps
Commercial	2.7B	4.30	5.04		74
Inventory finance	3.1B	5.93	6.64		71
Total variable	\$8.8B				

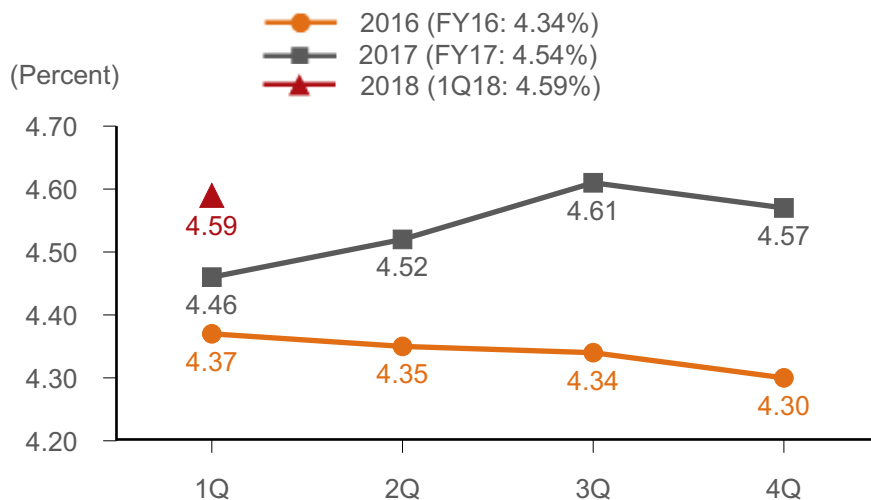
Variable-and adjustable-rate portfolios are 46% of total average loans and leases, up from 44% at 1Q17

## WELL-MANAGED DEPOSIT COSTS

	Average Balances	Deposit Rate Change	
	1Q18	1Q18 vs. 1Q17	1Q18 vs. 1Q15
Deposits, excluding CDs	\$13.3B	6 bps	2 bps
Certificates of deposit	5.0B	34	53
Total deposits	\$18.3B	17	21
Federal funds rate change		75	150

Despite 150 basis point increase in federal funds rates in past three years, the cost of total deposits increased 21 basis points

## NET INTEREST MARGIN TRENDS<sup>1</sup>

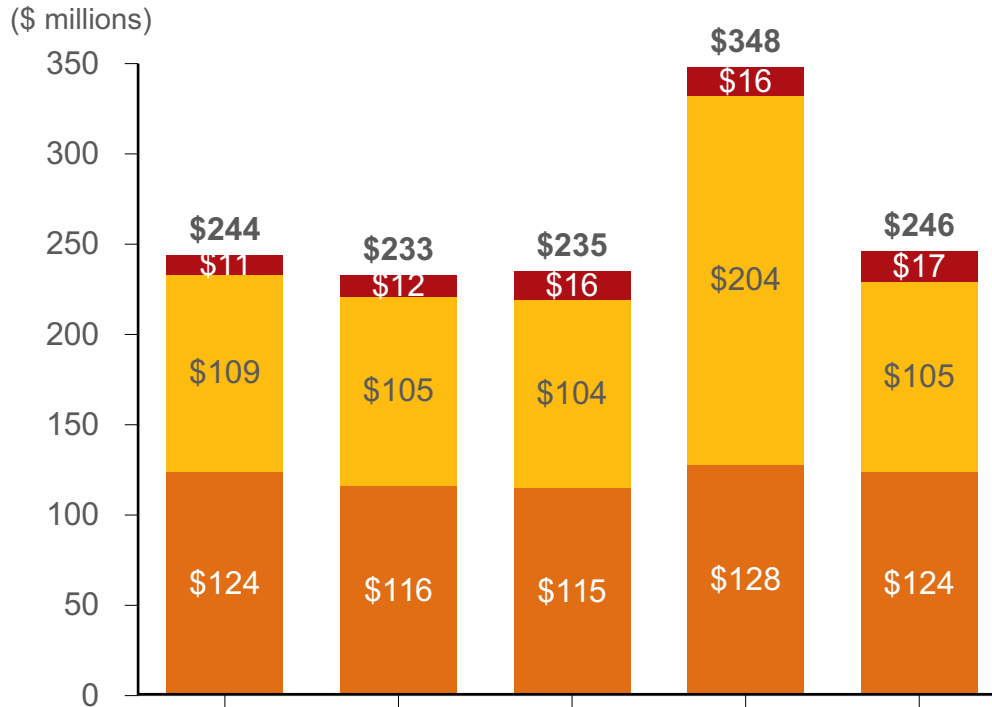


## FUTURE NET INTEREST MARGIN DRIVERS

- Additional interest rate hikes
- Reinvestment of auto finance portfolio run-off into loan and lease and investment portfolios
- Seasonality of inventory finance
- Loan and lease portfolio growth and mix changes
- Composition of deposit base
- Continued pricing discipline on both loans and leases and deposits

# Non-interest Expense

- Operating lease depreciation
- Other<sup>1</sup>
- Compensation and employee benefits



- Compensation and employee benefits and other non-interest expenses declined 1.7% year-over-year
- Other non-interest expenses year-over-year decrease primarily due to lower severance expense, loan and lease processing expense and professional fees
- Operating lease depreciation year-over-year increase driven by increase in operating lease balances
- Efficiency ratio improved 572 basis points year-over-year

	1Q17	2Q17	3Q17	4Q17	1Q18
Compensation and employee benefits and Other NIE:	\$233	\$221	\$219	\$332	\$229
Efficiency ratio:	74.93%	68.19%	68.46%	95.88%	69.21%



# Capital and Return

	4Q17	1Q18
Common equity Tier 1 capital ratio <sup>1</sup>	10.79%	10.57%
Tier 1 risk-based capital ratio <sup>1</sup>	12.14%	11.49%
Total risk-based capital ratio <sup>1</sup>	13.90%	13.26%
Tier 1 leverage ratio <sup>1</sup>	11.12%	10.52%
Common equity ratio	10.42%	10.06%
Tangible common equity ratio <sup>2</sup>	9.72%	9.37%
Book value per common share	\$ 13.96	\$ 13.89
Tangible book value per common share <sup>2</sup>	\$ 12.92	\$ 12.84
Return on average common equity <sup>3</sup>	16.95%	11.23%
Return on average tangible common equity <sup>3, 4</sup>	32.87%	12.26%

- Maintained strong capital ratios after recent capital actions
- Common stock dividend of 15 cents per share declared on April 19, 2018
- Repurchased 2,567,171 shares of common stock during first quarter 2018 at a cost of approximately \$57.6 million
- 6.45% Series B non-cumulative perpetual preferred stock redeemed on March 1, 2018



<sup>1</sup> The regulatory capital ratios for 1Q18 are preliminary pending completion and filing of the Company's regulatory reports

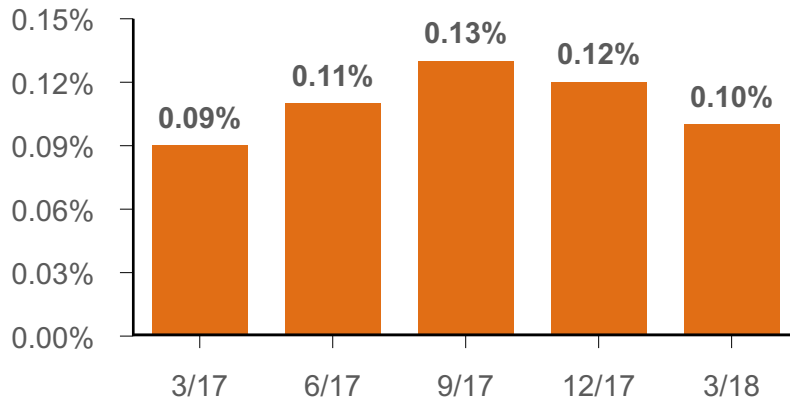
<sup>2</sup> See "Reconciliation of GAAP to Non-GAAP Financial Measures – Tangible Common Equity Ratio and Tangible Book Value Per Common Share" slide

<sup>3</sup> Annualized

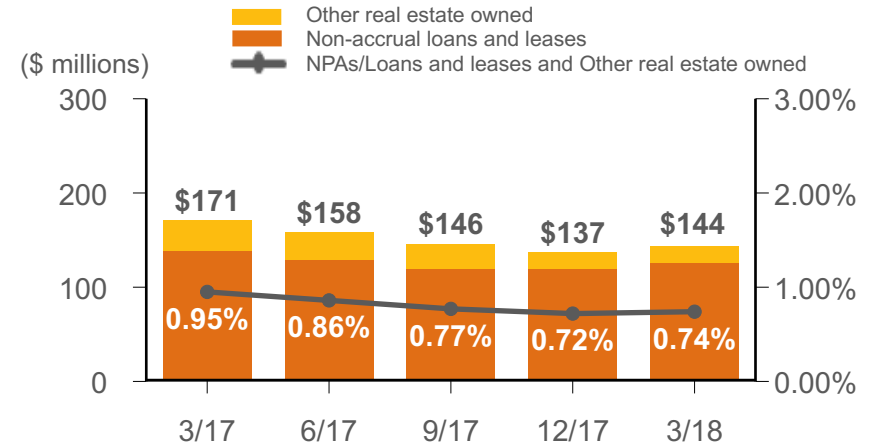
<sup>4</sup> See "Reconciliation of GAAP to Non-GAAP Financial Measures – Return on Average Tangible Common Equity" slide

# Credit Quality Trends

## 60+ DAY DELINQUENCIES<sup>1</sup>



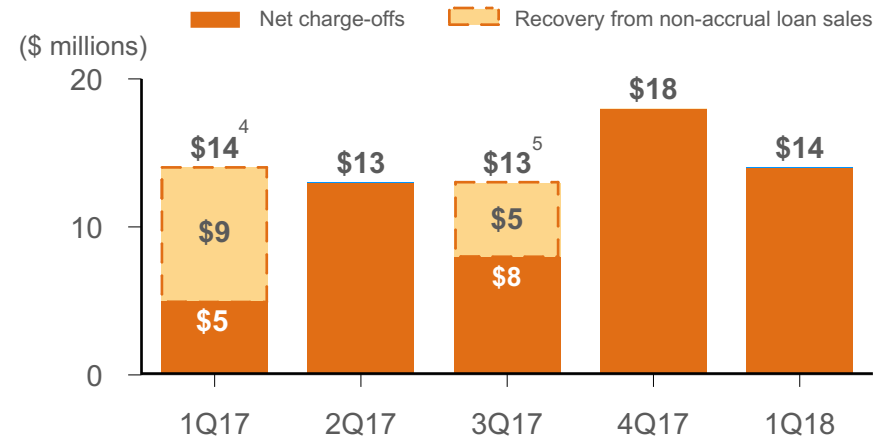
## NON-PERFORMING ASSETS



## PROVISION FOR CREDIT LOSSES



## NET CHARGE-OFFS



<sup>1</sup> Excludes non-accrual loans and leases

<sup>2</sup> Excluding the \$8.7 million recovery from the consumer real estate non-accrual loan sale, provision for credit losses was \$20.9 million

<sup>3</sup> Excluding the \$4.6 million recovery from the consumer real estate non-accrual loan sale, provision for credit losses was \$19.1 million

<sup>4</sup> Excludes the \$8.7 million recovery from the consumer real estate non-accrual loan sale

<sup>5</sup> Excludes the \$4.6 million recovery from the consumer real estate non-accrual loan sale

# Net Charge-off Ratio

	Quarter Ended <sup>1</sup>				Mar. 31, 2018	Change from Quarter Ended Mar. 31, 2017
	Mar. 31, 2017	Jun. 30, 2017	Sep. 30, 2017	Dec. 31, 2017		
<b>Consumer:</b>						
Consumer real estate:						
First mortgage lien	(0.18)%	0.15%	(0.16)%	0.18%	0.16%	34 bps
Junior lien	(0.89)	0.05	(0.38)	(0.03)	0.05	94
Total consumer real estate	(0.58)	0.09	(0.29)	0.05	0.09	67
Auto finance	1.12	0.83	1.13	1.36	1.41	29
<b>Consumer<sup>2</sup></b>	<b>0.05<sup>3</sup></b>	<b>0.42</b>	<b>0.34<sup>4</sup></b>	<b>0.62</b>	<b>0.63</b>	<b>58</b>
<b>Wholesale:</b>						
Commercial	0.32	0.29	(0.02)	(0.04)	—	(32)
Leasing and equipment finance	0.13	0.14	0.10	0.41	0.11	(2)
Inventory finance	0.01	0.09	0.08	0.15	0.05	4
<b>Wholesale</b>	<b>0.16</b>	<b>0.18</b>	<b>0.05</b>	<b>0.20</b>	<b>0.06</b>	<b>(10)</b>
<b>Total<sup>2</sup></b>	<b>0.11</b>	<b>0.28</b>	<b>0.18</b>	<b>0.38</b>	<b>0.29</b>	<b>18</b>
<b>Total excluding consumer real estate non-accrual loan sales<sup>2</sup></b>	<b>0.31<sup>5</sup></b>	<b>0.28</b>	<b>0.28<sup>6</sup></b>	<b>0.38</b>	<b>0.29</b>	<b>(2)</b>
<b>Total excluding consumer real estate non-accrual loan sales and auto finance<sup>2</sup></b>	<b>0.16<sup>5</sup></b>	<b>0.17</b>	<b>0.09<sup>6</sup></b>	<b>0.18</b>	<b>0.09</b>	<b>(7)</b>

<sup>1</sup> Annualized<sup>2</sup> Includes Other<sup>3</sup> Excluding the \$8.7 million recovery from the consumer real estate non-accrual loan sale, consumer net charge-off ratio was 0.49%<sup>4</sup> Excluding the \$4.6 million recovery from the consumer real estate non-accrual loan sale, consumer net charge-off ratio was 0.56%<sup>5</sup> Excludes the \$8.7 million recovery from the consumer real estate non-accrual loan sale<sup>6</sup> Excludes the \$4.6 million recovery from the consumer real estate non-accrual loan sale

# 2018 Strategic Themes

## 1 REDUCING RISK PROFILE OF THE BALANCE SHEET

- Auto finance portfolio run-off resulting in lower credit, operational and liquidity risks
  - Portfolio has the highest net charge-off and reserve levels
  - Reducing exposure to volatile auto finance market, including loan sales and securitizations
  - Increased liquidity driven by auto finance portfolio run-off

## 2 POSITIVE OUTLOOK FOR NON-AUTO FINANCE BUSINESS

- Expect continued strong loan and lease growth in commercial, leasing and equipment finance and inventory finance portfolios
- Potential for increased consumer real estate originations as TCF Home Loans business matures, resulting in incremental gains on sales revenue and balance sheet growth
- Expect mid-single digit growth (excluding auto finance) in 2018 as well as continued investment portfolio expansion
- Digital banking platform continues to have a positive impact on the customer experience

## 3 FOCUS ON IMPROVING RETURN ON CAPITAL

**FY18 ROATCE<sup>1</sup> TARGET: 11.5%-13.5%**

**FY18 EFFICIENCY RATIO TARGET: 66%-68%**

- Improving ROATCE with a more efficient use of capital and reduced risk profile
- Continue to execute on share repurchase strategy

<sup>1</sup> ROATCE is a non-GAAP financial measure. A reconciliation of the FY18 ROATCE Target to the most directly comparable GAAP measure is not provided because the Company is unable to provide such reconciliation without unreasonable effort, however it is expected to be consistent with the historical non-GAAP reconciliation of ROATCE included in the appendix. This target range does not include any estimate of the potential impacts of certain types of event-specific charges such as those related to acquisitions, changes in regulations, or the resolution of litigation. See the Cautionary Statements at the end of this presentation for further information regarding some of the items that could cause our actual results to differ from these estimates.

# Appendix

The background features a dark gray gradient with several large, overlapping, curved shapes in a slightly lighter shade of gray, creating a modern, abstract aesthetic.

# Cautionary Statements for Purposes of the Safe Harbor Provisions of the Securities Litigation Reform Act

Any statements contained in this presentation regarding the outlook for the Company's businesses and their respective markets, such as projections of future performance, targets, guidance, statements of the Company's plans and objectives, forecasts of market trends and other matters are forward-looking statements based on the Company's assumptions and beliefs. Such statements may be identified by such words or phrases as "will likely result," "are expected to," "will continue," "outlook," "will benefit," "is anticipated," "estimate," "project," "management believes" or similar expressions. These forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ materially from those discussed in such statements and no assurance can be given that the results in any forward-looking statement will be achieved. For these statements, TCF claims the protection of the safe harbor for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995. Any forward-looking statement speaks only as of the date on which it is made and we disclaim any obligation to subsequently revise any forward-looking statement to reflect events or circumstances after such date or to reflect the occurrence of anticipated or unanticipated events.

Certain factors could cause the Company's future results to differ materially from those expressed or implied in any forward-looking statements contained herein. These factors include the factors discussed in Part I, Item 1A. of the Company's Annual Report on Form 10-K for the year ended December 31, 2017 under the heading "Risk Factors," the factors discussed below and any other cautionary statements, written or oral, which may be made or referred to in connection with any such forward-looking statements. Since it is not possible to foresee all such factors, these factors should not be considered as complete or exhaustive.

Adverse Economic or Business Conditions; Competitive Conditions; Credit and Other Risks. Deterioration in general economic and banking industry conditions, including those arising from government shutdowns, defaults, anticipated defaults or rating agency downgrades of sovereign debt (including debt of the U.S.), or increases in unemployment; adverse economic, business and competitive developments such as shrinking interest margins, reduced demand for financial services and loan and lease products, deposit outflows, increased deposit costs due to competition for deposit growth and evolving payment system developments, deposit account attrition or an inability to increase the number of deposit accounts; customers completing financial transactions without using a bank; adverse changes in credit quality and other risks posed by TCF's loan, lease, investment, debt securities held to maturity and debt securities available for sale portfolios, including declines in commercial or residential real estate values, changes in the allowance for loan and lease losses dictated by new market conditions or regulatory requirements, or the inability of home equity line borrowers to make increased payments caused by increased interest rates or amortization of principal; deviations from estimates of prepayment rates and fluctuations in interest rates that result in decreases in the value of assets such as interest-only strips that arise in connection with TCF's loan sales activity; interest rate risks resulting from fluctuations in prevailing interest rates or other factors that result in a mismatch between yields earned on TCF's interest-earning assets and the rates paid on its deposits and borrowings; foreign currency exchange risks; counterparty risk, including the risk of defaults by our counterparties or diminished availability of counterparties who satisfy our credit quality requirements; decreases in demand for the types of equipment that TCF leases or finances; the effect of any negative publicity; the effects of man-made and natural disasters, including fires, floods, tornadoes, hurricanes, acts of terrorism, civil disturbances and environmental damage, which may negatively affect our operations and/or our customers.

Legislative and Regulatory Requirements. New consumer protection and supervisory requirements and regulations, including those resulting from action by the Consumer Financial Protection Bureau ("CFPB") and changes in the scope of Federal preemption of state laws that could be applied to national banks and their subsidiaries; the imposition of requirements that adversely impact TCF's deposit, lending, loan collection and other business activities such as mortgage foreclosure moratorium laws, further regulation of financial institution campus banking programs, restrictions on arbitration or new restrictions on loan and lease products; changes affecting customer account charges and fee income, including changes to interchange rates; (continued)



# Cautionary Statements for Purposes of the Safe Harbor Provisions of the Securities Litigation Reform Act (cont.)

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regulatory actions or changes in customer opt-in preferences with respect to overdrafts, which may have an adverse impact on TCF; governmental regulations or judicial actions affecting the security interests of creditors; deficiencies in TCF's compliance programs, including under the Bank Secrecy Act, which may result in regulatory enforcement action including monetary penalties; increased health care costs including those resulting from health care reform; regulatory criticism and resulting enforcement actions or other adverse consequences such as increased capital requirements, higher deposit insurance assessments or monetary damages or penalties; heightened regulatory practices, requirements or expectations, including, but not limited to, requirements related to enterprise risk management, the Bank Secrecy Act and anti-money laundering compliance activity.

Earnings/Capital Risks and Constraints, Liquidity Risks. Limitations on TCF's ability to carry out its share repurchase program, pay dividends or increase dividends because of financial performance deterioration, regulatory restrictions or limitations; increased deposit insurance premiums, special assessments or other costs related to adverse conditions in the banking industry; the impact on banks of regulatory reform, including additional capital, leverage, liquidity and risk management requirements or changes in the composition of qualifying regulatory capital; adverse changes in securities markets directly or indirectly affecting TCF's ability to sell assets or to fund its operations; diminished unsecured borrowing capacity resulting from TCF credit rating downgrades or unfavorable conditions in the credit markets that restrict or limit various funding sources; costs associated with new regulatory requirements or interpretive guidance including those relating to liquidity; uncertainties relating to future retail deposit account changes, including limitations on TCF's ability to predict customer behavior and the impact on TCF's fee revenues.

Branching Risk; Growth Risks. Adverse developments affecting TCF's supermarket banking relationships or either of the primary supermarket chains in which TCF maintains supermarket branches; costs related to closing underperforming branches; inability to timely close underperforming branches due to long-term lease obligations; slower than anticipated growth in existing or acquired businesses; inability to successfully execute on TCF's growth strategy through acquisitions or expanding existing business relationships; failure to expand or diversify TCF's balance sheet through new or expanded programs or opportunities; failure to effectuate, and risks of claims related to, sales of loans; risks related to new product additions and addition of distribution channels (or entry into new markets) for existing products.

Technological and Operational Matters. Technological or operational difficulties, loss or theft of information, cyber-attacks and other security breaches, counterparty failures and the possibility that deposit account losses (from fraudulent checks, stolen debit card information, etc.) may increase; failure to keep pace with technological change, such as by failing to develop and maintain technology necessary to satisfy customer demands and prevent cyber-attacks, costs and possible disruptions related to upgrading systems or cyber-attacks; the failure to attract and retain key employees.

Litigation Risks. Results of litigation or government enforcement actions such as TCF's pending litigation with the CFPB and related matters, including class action litigation or enforcement actions concerning TCF's lending or deposit activities, including account opening/origination, servicing practices, fees or charges, employment practices or checking account overdraft program "opt in" requirements; possible increases in indemnification obligations for certain litigation against Visa U.S.A.

Accounting, Audit, Tax and Insurance Matters. Changes in accounting standards or interpretations of existing standards; federal or state monetary, fiscal or tax policies, including the impact of the Tax Cuts and Jobs Act tax reform legislation and adoption of federal or state legislation that would increase federal or state taxes; ineffective internal controls; adverse federal, state or foreign tax assessments or findings in tax audits; lack of or inadequate insurance coverage for claims against TCF; potential for claims and legal action related to TCF's fiduciary responsibilities.

# Reconciliation of GAAP to Non-GAAP Financial Measures – Tangible Common Equity Ratio and Tangible Book Value Per Common Share<sup>1</sup>

(\$ thousands, except per-share data)

		At Dec. 31, 2017	At Mar. 31, 2018
Total equity		\$ 2,680,584	\$ 2,550,950
Less: Non-controlling interest in subsidiaries		17,827	28,437
Total TCF Financial Corporation stockholders' equity		<u>2,662,757</u>	<u>2,522,513</u>
Less: Preferred stock		265,821	169,302
Total common stockholders' equity	(a)	<u>2,396,936</u>	<u>2,353,211</u>
Less:			
Goodwill, net		154,757	154,757
Other intangibles, net		23,687	23,112
Tangible common equity	(b)	<u>\$ 2,218,492</u>	<u>\$ 2,175,342</u>
Total assets	(c)	\$ 23,002,159	\$ 23,385,052
Less:			
Goodwill, net		154,757	154,757
Other intangibles, net		23,687	23,112
Tangible assets	(d)	<u>\$ 22,823,715</u>	<u>\$ 23,207,183</u>
Common stock shares outstanding	(e)	171,669,419	169,415,834
Common equity ratio	(a) / (c)	10.42%	10.06%
Tangible common equity ratio	(b) / (d)	9.72%	9.37%
Book value per common share	(a) / (e)	\$ 13.96	\$ 13.89
Tangible book value per common share	(b) / (e)	\$ 12.92	\$ 12.84

<sup>1</sup> When evaluating capital adequacy and utilization, management considers financial measures such as the tangible common equity ratio and tangible book value per common share. These measures are non-GAAP financial measures and are viewed by management as useful indicators of capital levels available to withstand unexpected market or economic conditions and also provide investors, regulators and other users with information to be viewed in relation to other banking institutions.

# Reconciliation of GAAP to Non-GAAP Financial Measures – Return on Average Tangible Common Equity<sup>1</sup>

(\$ thousands)

		QTD Dec. 31, 2017	QTD Mar. 31, 2018
Net income available to common stockholders	(a)	\$ 97,653	\$ 66,174
Plus: Goodwill impairment		73,041	—
Plus: Other intangibles amortization and impairment		1,187	831
Less: Income tax expense attributable to other intangibles amortization and impairment		530	199
Adjusted net income available to common stockholders	(b)	<u>\$ 171,351</u>	<u>\$ 66,806</u>
Average balances:			
Total equity		\$ 2,591,012	\$ 2,580,920
Less: Non-controlling interest in subsidiaries		20,399	23,191
Total TCF Financial Corporation stockholders' equity		<u>2,570,613</u>	<u>2,557,729</u>
Less: Preferred stock		265,821	200,404
Average total common stockholders' equity	(c)	<u>2,304,792</u>	<u>2,357,325</u>
Less:			
Goodwill, net		197,734	154,757
Other intangibles, net		21,901	23,274
Average tangible common equity	(d)	<u>\$ 2,085,157</u>	<u>\$ 2,179,294</u>
Return on average common equity <sup>2</sup>	(a) / (c)	16.95%	11.23%
Return on average tangible common equity <sup>2</sup>	(b) / (d)	32.87%	12.26%

<sup>1</sup> When evaluating capital adequacy and utilization, management considers financial measures such as return on average tangible common equity. This measure is a non-GAAP financial measure and is viewed by management as a useful indicator of capital levels available to withstand unexpected market or economic conditions and also provide investors, regulators and other users with information to be viewed in relation to other banking institutions.

<sup>2</sup> Annualized