## Third Quarter 2018

Financial Review


## ZIONS BANCORPORATION

## Forward-Looking Statements; Use of Non-GAAP Financial Measures

## Forward Looking Information

The attached presentation includes forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. Statements in the attached presentation that are based on other than historical information or that express Zions Bancorporation's expectations regarding future events or determinations are forward-looking within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements reflect, among other things, our current expectations, all of which are subject to known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements, market trends, industry results or regulatory outcomes to differ materially from those expressed or implied by such forward-looking statements.

Without limiting the foregoing, the words "anticipates," "believes," "can," "continue," "could," "estimates," "expects," "intends," "may," "might," "plans," "projects," "should," "would," "targets," "will" and the negative thereof and similar words and expressions are intended to identify forward-looking statements. Forward-looking statements by their nature address matters that are, to different degrees, uncertain, such as statements about future financial and operating results, or the anticipated benefits of the recently completed merger described in the presentation. Actual results and outcomes may differ materially from those presented, either expressed or implied, in the presentation. Important risk factors that may cause such material differences include, but are not limited to, the actual amount and duration of declines in the price of oil and gas; Zions' ability to meet operating leverage goals; the rate of change of interest sensitive assets and liabilities relative to changes in benchmark interest rates; the ability of the Company to achieve anticipated benefits from the recently completed merger; and legislative, regulatory and economic developments that may diminish or eliminate the anticipated benefits of the merger. These risks, as well as other factors, are discussed in the Company's most recent Annual Report on Form 10-K and Quarterly Report on Form 10-Q, filed with the Securities and Exchange Commission (SEC) and available at the SEC's Internet site (https://www.sec.gov/). In addition, you may obtain documents filed with the SEC by the Company free of charge by contacting: Investor Relations, Zions Bancorporation, N.A., One South Main Street, 11th Floor, Salt Lake City, Utah 84133, (801) 844-7637. Except as required by law, Zions Bancorporation, N.A. specifically disclaims any obligation to update any factors or to publicly announce the result of revisions to any of the forward-looking statements included herein to reflect future events or developments.

## Use of Non-GAAP Financial Measures:

This document contains several references to non-GAAP measures, including pre-provision net revenue and the "efficiency ratio," which are common industry terms used by investors and financial services analysts. Certain of these non-GAAP measures are key inputs into Zions' management compensation and are used in Zions' strategic goals that have been and may continue to be articulated to investors. Therefore, the use of such non-GAAP measures are believed by management to be of substantial interest to the consumers of these financial disclosures and are used prominently throughout the disclosures. A full reconciliation of the difference between such measures and GAAP financials is provided within the document, and users of this document are encouraged to carefully review this reconciliation.

## Third Quarter 2018 Financial Highlights

## Continued PPNR growth and improved profitability

$\checkmark$ EPS: Diluted earnings per share increased from the year-ago period, to $\$ 1.04$ in 3 Q18 from $\$ 0.72$

- Notable items that are operating but believed to be infrequent included:
- $\$ 0.01$ per share of interest recoveries of greater than $\$ 1$ million
- $\$ 0.04$ per share of a negative provision for credit losses due to strong credit quality performance
- $\$ 0.01$ per share related to the true-up of FDIC premiums
$\checkmark$ Adjusted pre-provision net revenue ${ }^{(1)}$ : Strong growth of 16\% over year-ago period
- A 6\% year-over-year increase in adjusted revenue ${ }^{(1)}$
- A less than $1 \%$ year-over-year increase in adjusted noninterest expense ${ }^{(1)}$
$\checkmark$ "Simple, Easy, Fast" initiative:
- Efficiency ratio was $58.8 \%$ in $3 Q 18$, an improvement from $62.3 \%$ in the year ago period
- Noninterest expense (NIE) increased less than $2 \%$ from the year ago period; adjusted NIE increased less than 1\%
$\checkmark$ Loans \& Deposits:
- Period-end loan balances increased 4\% from the prior year; average loan balances also increased 4\%; due to increases in commercial and consumer loans, while commercial real estate loans were generally stable
- Average deposits increased over 3\% from the prior year
- Cost of total deposits increased 16 basis points compared to the prior year, to 28 bps from 12 bps
$\checkmark$ Credit quality: Credit quality improved materially over the past year
- Classified loans and nonperforming loans declined \$464 million and \$177 million, respectively, from prior year
- Net credit recoveries were 1 bps in the third quarter compared with net charge offs of 1 bps over the past 12 months
$\checkmark$ Return on Tangible Common Equity was 14.2\%, up from 9.8\% in the prior year


## Earnings per Share

EPS increased 44\% over the prior year, assisted by strong positive operating leverage

Diluted Earnings per Share


- Diluted earnings per share increased to $\$ 1.04$ in 3Q18 from $\$ 0.72$ in the year-ago period
- Infrequent items of:
- $3 Q 18$ of $\$ 0.04$ per share from: interest recoveries of greater than \$1 million; an $\$ 11$ million negative provision for credit losses; \$4 million from truing up FDIC premiums
- 2018 of $\$ 0.01$ from interest recoveries of greater than \$1 million
- 1018 of $\$ 0.21$ per share from interest recoveries greater than \$1 million; a $\$ 40$ million negative provision for credit losses
- 4017 of $\$ 0.28$ per share from: the revaluation of the deferred tax asset as a result of the Tax Cut and Jobs Act; the larger contribution to the Company's charitable foundation; and an \$11 million negative provision for credit losses


## Balance Sheet Profitability

Zions' profitability continues to improve

Return on Assets


Return on Tangible Common Equity

## Pre-Provision Net Revenue



- Adjusted pre-provision net revenue:
- Up $16 \%$ over the past year and $98 \%$ since 4Q14
- Up 15\% and 96\% over 3Q17 and 4Q14, respectively, after adjusting for the previously mentioned interest income recoveries
- Consistent focus on:
- Loan growth
- Deposit pricing discipline
- Customer-related fee income growth
- Expense control

[^0]
## Credit Quality

## Strong and improving credit quality

- Key Credit Metrics:
- Classified loans (1.7\% of loans)
- Declined 37\% from the prior year
- Declined 17\% from the prior qtr
- NPAs+90 (about 0.7\% of loans + OREO) were
- Declined 41\% from the prior year
- Declined 15\% from prior qtr
- Annualized net loan losses:
- 3Q18: (0.01)\% (recoveries)
- Last 12 Months: 0.01\%
- Allowance for credit losses
- 117 basis points of total loans and leases
- $1.8 x$ coverage of NPAs up from $1.2 x$ coverage a year ago
- $0.7 x$ of classified loans compared with $0.5 x$ a year ago
- Strong coverage of trailing 12 month NCOs

Credit Quality Ratios


- Classified / Loans
-ACL / Loans


## 2018-2019 Objectives:

## Growth through simplification and focus

- Demonstrate positive operating leverage by:
- Achieving broad based loan growth; major loan portfolios within acceptable concentration limits
- Building on momentum from noninterest income growth initiatives
- Managing noninterest expense growth linked to revenue growth, profitability and digital delivery strategies
- Achieving greater sales volumes and revenue growth through enhanced use of data
- Target high single digit annual percentage growth rate for pre-provision net revenue ${ }^{(1)}$
- Demonstrate reduced volatility in financial performance than previously experienced
- Implement technology upgrade and digital strategies, automation and simplification of front, middle and back office processes
- Increase the Return on and of Capital
- Maintain top quartile credit risk profile and superior risk management posture leading to increasing returns of capital
- Execute on our Community Bank Model - doing business on a "Local" basis


## Net Interest Income

Growth due to combination of wider net interest margin and loan growth

## Net Interest Income



- Up 8\% over the year-ago period, to \$565 million
- Adjusted ${ }^{(1)}$ net interest income up $\$ 40$ million, up $8 \%$ over the prior year period
- Majority of the increase attributable to increases in:
- Short-term benchmark interest rates
- Interest and fees on loans due to loan growth in consumer, municipal and commercial loans
- Partial offsets include greater interest expense on borrowed funds and deposits


## Net Interest Income Drivers: Average Loan and Deposit Growth

Moderate balance sheet growth is expected to be a key driver of Zions' positive operating leverage

- Average loans held for investment: +4\% over the year-ago period
- Average deposits: +3\% over the year-ago period
- Improvement despite rising interest rate environment


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## Net Interest Income Drivers: Loan Growth

## Moderate to strong loan growth achieved in certain targeted growth categories

## Year-over-Year Loan Balance Growth <br> Total Loans: +4\%

Year over year:

- Loan growth predominantly in Residential Mortgage (1-4 Family), Owner Occupied (ex-NRE) and Municipal
- Decline of 10\% in NRE and 1\% in term CRE accounted for approximately $\$ 242$ million of attrition

Over the next four quarters, we expect moderate total loan growth, driven by:

- Moderate to strong growth in 1-4 Family, Municipal, C\&I and Owner-Occupied loans
- Stable to moderate growth in O\&G, CRE
- Moderately declining NRE


## Size of the Portfolio, in billions of dollars

## Net Interest Income Drivers: Yields and Costs

Expansion of NIM reflects a higher loan yield with only a moderate increase in funding costs

Net Interest Margin (NIM)


Net Interest Margin


Cash Yield
$\qquad$

## Cost of Funds

0.5\%Relative to the prior quarter, the

- NIM : +7 bps to $3.63 \%$
- Interest recoveries on loans in 3Q18 were \$3 million, or approximately 2 basis point of NIM, as compared to $\$ 1$ million or approximately 1 basis point in the prior quarter ${ }^{(1)}$
- Year-over-year adj. NIM beta: +21\%
- Yield on loans: +14 bps to 4.71\%
- Interest recoveries on loans in 3Q18 were approximately 2 bps of loan yield, as compared to 1 bp in the prior quarter ${ }^{(1)}$
- Year-over-year adj. Ioan beta: +54\%
- Yield on securities: +5 bps to $2.28 \%$
- Due to reduced premium amortization vs. prior quarter; new securities purchased at accretive yields
- Cost of total deposits: +6 bps to 28 bps
- Year-over-year beta ${ }^{(2)}$ was $21 \%$
- Cost of funds (the cost of total deposits and borrowed funds): +5 bps to 0.45\%
- Year-over-year beta was 30\%


## Noninterest Income

Continued focus on fee income

Customer-Related
Fee Income ${ }^{(1)}$
(\$mm)
\$150


- Customer-related fee income up 2.5\% from the year ago period, primarily due to increases in:
- Loan fees (primarily syndication fees)
- Bankcard fees
- Corporate investment services
- Trust and wealth management income
- Partial offsets include:
- Interest rate swap sales and capital markets income
- Service charges on deposits accounts
- Loan servicing income
- Fee Income growth remains a major focus for the Company


## Noninterest Expense

Focus on "Simple, Easy, Fast" expense controls and streamlining while hiring in revenue-generating areas

## Noninterest Expense



- Total noninterest expense up $1.7 \%$ from the year-ago period
- Adjusted noninterest expense ${ }^{(2)}$ up $0.5 \%$ from the year-ago period due to:
- Increases in:
- Salaries and bonuses as a result of the recent tax reform and additional employees
- FDIC premiums due to a $\$ 4$ million expense in 3Q18 that represents the cumulative effect of an adjustment related to the estimated uninsured deposits since the consolidation of bank charters
- Average employees: $+1.5 \%$ YoY
- Declines in:
- Occupancy, Furniture and Equipment (including software) and professional and legal


## Efficiency Ratio

Substantial improvement since 2014 driven by both revenue growth and expense control
Efficiency Ratio ${ }^{(1)}$


- The efficiency ratio in 3Q18 was 58.8\%
- Excluding interest recoveries ${ }^{(2)}$ the efficiency ratio was 59.1\%
- The YTD Efficiency ratio was 60.3\%, excluding interest recoveries ${ }^{(2)}$
- Adjusted net revenue growth: +5.9\% from the year ago period, excluding interest recoveries ${ }^{(2)}$
- Adjusted noninterest expense growth: +0.5\%
- Committed to continuous improvement of the efficiency ratio
(1) Defined as noninterest expenses as a percentage of net revenue, adjusted for items such as severance, provision for
unfunded lending commitments, securities gains and losses and debt extinguishment costs. See Appendix for GAAP to non-GAAP reconciliation table.
(2) Interest income recoveries noted were at least $\$ 1$ million per loan

Next 12-Month Financial Outlook (3Q19E vs. 3Q18A)

|  | Outlook |  | Comments |
| :---: | :---: | :---: | :---: |
| Loan Balances | Slightly Moderately Increasing | - | Possible slight slowing of growth vs. 3 Q18 of $5.1 \%$ (annualized) due to increasing market pressure on loan pricing and structure |
| Net Interest Income | Moderately Increasing | - | Excluding interest income recoveries in 3Q18 |
| Loan Loss Provision | Modest |  | Expect quarterly loan loss provisions to be modest |
| Customer-Related Fees | Slightly Increasing |  | Remains a key focus for the Company Customer-related fees excludes securities gains, dividends |
| Adjusted Nonintere Expense | Slightly Increasing | - | FY18 adjusted NIE expected to increase slightly (low single digit rate of growth) relative to FY 17 (base of $\$ 1,628$ million, which excludes \$12 million charitable contribution in 4Q17) |
| Tax Rate | Stable | - | The effective tax rate for FY18 is expected to be approximately $23 \%$, including the effects of stock-based compensation ${ }^{(1)}$ |
| Preferred Dividends \& Diluted Shares |  | - | Expect preferred dividend to be $\$ 34$ million in FY18 Diluted shares may experience some volatility due to the effect of outstanding warrants and the average price of ZION shares |

## Appendix

- Financial Results Summary
- Impact of Warrants
- Loan Growth by Bank Brand and Loan Type
- Interest Rate Sensitivity
- GAAP to Non-GAAP Reconciliation


## Financial Results Summary

## Solid and improving fundamental performance

| (Dollar amounts in millions, except per share data) | September 30, 2018 | $\begin{gathered} \text { June 30, } \\ 2018 \end{gathered}$ | September 30, 2017 |
| :---: | :---: | :---: | :---: |
| Earnings Results: |  |  |  |
| Diluted Earnings Per Share | \$ 1.04 | \$ 0.89 | \$ 0.72 |
| Net Earnings Applicable to Common Shareholders | 215 | 187 | 152 |
| Net Interest Income | 565 | 548 | 522 |
| Noninterest Income | 136 | 138 | 139 |
| Noninterest Expense | 420 | 428 | 413 |
| Pre-Provision Net Revenue ${ }^{(1)}$ | 291 | 268 | 250 |
| Provision for Credit Losses | (11) | 12 | 1 |
| Ratios: |  |  |  |
| Return on Assets ${ }^{(2)}$ | 1.33 \% | 1.19 \% | 0.97 \% |
| Return on Common Equity ${ }^{(3)}$ | 12.1 \% | 10.6 \% | 8.3 \% |
| Return on Tangible Common Equity ${ }^{(3)}$ | 14.2 \% | 12.4 \% | 9.8 \% |
| Net Interest Margin | 3.63 \% | 3.56 \% | 3.45 \% |
| Yield on Loans | 4.71 \% | 4.57 \% | 4.27 \% |
| Yield on Securities | 2.28 \% | 2.23 \% | 2.21 \% |
| Average Cost of Total Deposits ${ }^{(4)}$ | 0.28 \% | 0.22 \% | 0.12 \% |
| Efficiency Ratio ${ }^{(1)}$ | 58.8 \% | 61.1 \% | 62.4 \% |
|  |  |  |  |
| Effective Tax Rate | 23.6 \% | 22.1 \% | 34.2 \% |
|  |  |  |  |
| Ratio of Nonperforming Assets to Loans, Leases and OREO | 0.64 \% | 0.77 \% | 1.06 \% |
| Annualized Ratio of Net Loan and Lease Charge-offs to Average Loans | (0.01) \% | (0.11) \% | 0.07 \% |
| Common Equity Tier 1 Capital Ratio | 12.1 \% | 12.2 \% | 12.2 \% |

[^1]
## Impact of Warrants

## Potential dilution is expected to be slight to moderate, depending upon future stock price

- Zions has two tranches of warrants outstanding (ZIONZ and ZIONW), both of which are currently in the money
- During 3Q18, 565,566 warrants were exercised
- ZIONZ warrants expire on November 14, 2018; ZIONW warrants expire on May 22, 2020
- Dilution is calculated using the treasury method of accounting, which relies upon the following assumptions:
- Warrants are exercised at the beginning of the period
- Issuer uses proceeds from exercise to repurchase shares at the average market price during period (which equaled \$52.80 in 3Q18)
- Net shares issued = shares issued from warrant exercise - shares repurchased


[^2]
## Loan Growth by Bank Brand and Loan Type

Year over Year Loan Growth (3Q18 vs. 3Q17)

| (in millions) | Zions <br> Bank | Amegy | CB\&T | NBAZ | NSB | Vectra | CBW |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| ZBNA |  |  |  |  |  |  |  |
| Other |  |  |  |  |  |  |  |$\quad$ Total

Linked Quarter Loan Growth (3Q18 vs. 2Q18)

| (in millions) | Zions <br> Bank | Amegy | CB\&T | NBAZ | NSB | Vectra | CBW | ZBNA <br> Other | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C\&I (ex-Oil \& Gas) | 33 | (157) | (17) | 30 | 14 | 13 | 6 | - | (78) |
| Owner occupied (ex-NRE) | 107 | 40 | 34 | (6) | 18 | (2) | 11 | - | 202 |
| CRE C\&D | 31 | 30 | (20) | 9 | 13 | 28 | 2 | - | 93 |
| CRE Term (ex-NRE) | 21 | (57) | (4) | 23 | 10 | 9 | 4 | - | 6 |
| 1-4 Family | 51 | 115 | 14 | 8 | (11) | 9 | 1 | (9) | 178 |
| National Real Estate | (43) | - | - | - | - | - | - | - | (43) |
| Energy (Oil \& Gas) | (41) | 54 | - | (1) | - | 3 | (1) | - | 14 |
| Home Equity | 4 | 12 | 13 | 11 | 10 | 10 | (1) | - | 59 |
| Municipal | (1) | 17 | 74 | (6) | (3) | 50 | 4 | 40 | 175 |
| Other | (14) | 1 | - | (1) | (1) | (6) | (3) | (1) | (25) |
| Total net loans | 148 | 55 | 94 | 67 | 50 | 114 | 23 | 30 | 581 |

## Interest Rate Sensitivity and Historical Deposit Beta

## Zions remains moderately asset sensitive, with a loan profile that is weighted towards a one-year reset

| Net Interest Income Sensitivity |  |  |  |
| :---: | :---: | :---: | :---: |
| Modeled Annual Change in a +200bps Interest Rate Environment ${ }^{(1)}$ |  |  |  |
| $\Delta$ in NII |  |  | 5\% |
| Assumed Beta of Total Deposits |  |  | 37\% |
| Short Term Resets or Maturities (loans only) | Percent of Loans | Hedges (swaps, floors) | Net Percentage of Portfolio ${ }^{(2)}$ |
| Prime and 1M Libor | 48\% | -2\% | 46\% |
| 2-3M Libor | 4\% | -- | 4\% |
| 4-12M Libor | 4\% | -- | 4\% |
| Other Lns <12 months | 7\% | 0.4\% | 7\% |
| Longer-term Resets or Maturities |  |  |  |
| 1-5 years | 25\% | -- | 25\% |
| 5+ years | 13\% | -- | 13\% |

## 2004-2006 and 2015-3Q18 Rate Cycles

Percent


- Zions and the peer median experienced a cumulative $42 \%$ and $45 \%$ deposit beta during 2004-5 rising interest rate period, respectively, although for the first 200 bps the beta for Zions and Peers was $19 \%$ and $24 \%$, respectively
- Cumulative rate hike cycle beta includes one full year for deposit costs to catch up to the changes in the benchmark rates. Chart begins one quarter preceding the first increase in Fed Funds rate for each cycle.


## GAAP to Non-GAAP Reconciliation

| (Amounts in millions) |  | 3Q18 | 2 Q18 | 1Q18 | 4Q17 | 3Q17 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Efficiency Ratio |  |  |  |  |  |  |
| Noninterest expense (GAAP) ${ }^{(1)}$ | (a) | \$ 420 | \$ 428 | \$ 412 | \$ 417 | \$ 413 |
| Adjustments: |  |  |  |  |  |  |
| Severance costs |  | 2 | 1 | - | 1 | 1 |
| Other real estate expense |  | 1 | - | - | - | (1) |
| Provision for unfunded lending commitments |  | - | 7 | (7) | (1) | (4) |
| Debt extinguishment cost |  | - | - | - | - | - |
| Amortization of core deposit and other intangibles |  | - | - | - | 1 | 2 |
| Restructuring costs |  | 1 | - | - | 1 | 1 |
| Total adjustments | (b) | 4 | 8 | (7) | 2 | (1) |
| Adjusted noninterest expense (non-GAAP) | (a) - (b) $=(\mathrm{c})$ | 416 | 420 | 419 | 415 | 414 |
| Net Interest Income (GAAP) | (d) | 565 | 548 | 542 | 526 | 522 |
| Fully taxable-equivalent adjustments | (e) | 5 | 5 | 5 | 9 | 9 |
| Taxable-equivalent net interest income (non-GAAP) | $(\mathrm{d})+(\mathrm{e})=(\mathrm{f})$ | 570 | 553 | 547 | 535 | 531 |
| Noninterest income (GAAP) ${ }^{(1)}$ | (g) | 136 | 138 | 138 | 139 | 139 |
| Combined income | $(\mathrm{f})+(\mathrm{g})=(\mathrm{h})$ | 706 | 691 | 685 | 674 | 670 |
| Adjustments: |  |  |  |  |  |  |
| Fair value and nonhedge derivative income (loss) |  | - | - | 1 | - | - |
| Equity securities gains (losses), net |  | (1) | 1 | - | - | 5 |
| Total adjustments | (i) | (1) | 1 | 1 | - | 5 |
| Adjusted taxable-equivalent revenue (non-GAAP) | (h) - (i) = (j) | 707 | 690 | 684 | 674 | 665 |
| Pre-provision net revenue (PPNR), as reported | (h) - (a) | \$ 286 | \$ 263 | \$ 273 | \$ 257 | \$ 257 |
| Adjusted pre-provision net revenue (PPNR) | (j) - (c) | \$ 291 | \$ 270 | \$ 265 | \$ 259 | \$ 251 |
| Efficiency Ratio ${ }^{(1)}$ | (c) / (j) | 58.8 \% | 60.9 \% | 61.3 \% | 61.6 \% | 62.3 \% |

## GAAP to Non-GAAP Reconciliation

| \$ In millions except per share amounts |  | 3Q18 | 2Q18 | 1Q18 | 4Q17 | $3 \mathrm{Q17}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pre-Provision Net Revenue (PPNR) |  |  |  |  |  |  |
| (a) | Total noninterest expense ${ }^{(1)}$ | \$420 | \$428 | \$412 | \$417 | \$413 |
|  | LESS adjustments: |  |  |  |  |  |
|  | Severance costs | 2 | 1 | - | 1 | 1 |
|  | Other real estate expense | 1 | - | - | - | (1) |
|  | Provision for unfunded lending commitments | - | 7 | (7) | (1) | (4) |
|  | Debt extinguishment cost | - | - | - | - | - |
|  | Amortization of core deposit and other intangibles | - | - | - | 1 | 2 |
|  | Restructuring costs | 1 | - | - | 1 | 1 |
| (b) | Total adjustments | 4 | 8 | (7) | 2 | (1) |
| ( $\mathrm{a}-\mathrm{b}$ ) $=(\mathrm{c}$ ) | Adjusted noninterest expense | \$416 | \$420 | \$419 | \$415 | \$414 |
| (d) | Net interest income | 565 | 548 | 542 | 526 | 522 |
| (e) | Fully taxable-equivalent adjustments | 5 | 5 | 5 | 9 | 9 |
| (d+e)=(f) | Taxable-equivalent net interest income (TENII) | 570 | 553 | 547 | 535 | 531 |
| (g) | Noninterest Income | 136 | 138 | 138 | 139 | 139 |
| $(\mathrm{f}+\mathrm{g})=(\mathrm{h})$ | Combined Income | \$706 | \$691 | \$685 | \$674 | \$670 |
|  | LESS adjustments: |  |  |  |  |  |
|  | Fair value and nonhedge derivative income (loss) | - | - | 1 | - | - |
|  | Securities gains (losses), net | (1) | 1 | - | - | 5 |
| (i) | Total adjustments | (1) | 1 | 1 | - | 5 |
| $(\mathrm{h}-\mathrm{i})=(\mathrm{j})$ | Adjusted revenue | \$707 | \$690 | \$684 | \$674 | \$665 |
| (j-c) | Adjusted pre-provision net revenue (PPNR) | \$291 | \$270 | \$265 | \$259 | \$251 |
| Net Earnings Applicable to Common Shareholders (NEAC) |  |  |  |  |  |  |
| (k) | Net earnings applicable to common | 215 | 187 | 231 | 114 | 152 |
| (I) | Diluted Shares | 205,765 | 209,247 | 210,243 | 209,681 | 209,106 |
|  | GAAP Diluted EPS | 1.04 | 0.89 | 1.09 | 0.54 | 0.72 |
|  | PLUS Adjustments: |  |  |  |  |  |
|  | Adjustments to noninterest expense | 4 | 8 | (7) | 2 | (1) |
|  | Adjustments to revenue | (1) | (1) | (1) | - | (5) |
|  | Tax effect for adjustments (25\% for 2019, 38\% prior periods) | 1 | (2) | 2 | (1) | 2 |
|  | Preferred stock redemption |  | - | - | - |  |
| (m) | Total adjustments | 4 | 5 | (6) | 1 | (4) |
| $(k+m)=(\mathrm{n})$ | Adjusted net earnings applicable to common (NEAC) | 219 | 192 | 225 | 115 | 148 |
| $(\mathrm{n}) /(\mathrm{l})$ | Adjusted EPS | 1.06 | 0.92 | 1.07 | 0.55 | 0.71 |
| (o) | Average assets | 66,374 | 66,505 | 66,366 | 65,697 | 65,339 |
| (p) | Average tangible common equity | 6,009 | 6,057 | 6,045 | 6,203 | 6,212 |
| Profitability |  |  |  |  |  |  |
| ( n$) /(\mathrm{o}$ ) | Adjusted Return on Assets (Annualized) | 1.31\% | 1.16\% | 1.37\% | 0.70\% | 0.91\% |
| (n)/(p) | Adjusted Return on Tangible Common Equity (Annualized) | 14.4\% | 12.7\% | 15.1\% | 7.4\% | 9.5\% |
| (c)/(j) | Efficiency Ratio | 58.8\% | 60.9\% | 61.3\% | 61.6\% | 62.3\% |


[^0]:    (1) Adjusted for items such as severance, provision for unfunded lending commitments, securities gains and losses and debt
    (2) 3Q18, 2Q18 and 1Q18 results included $\$ 3$ million, $\$ 1$ million and $\$ 11$ million, respectively, of interest income recoveries

[^1]:    (1) Adjusted for items such as severance, provision for unfunded lending commitments, securities gains and losses and debt extinguishment costs. See

[^2]:    Note: Analysis utilizes current warrant strike price and warrant multiplier. For more details, please see Zionsbancorporation.com $\rightarrow$ Stock Information $\rightarrow$ Warrant Information, or the prospectus supplement from September 2010, which can be found on the SEC's website.

