PERFORMANCE MEASUREMENT

Sample
Bank
Balance Sheet Metrics:

Total Assets
Loan Grwth (Qtrly Annizd)
Deposit Grwth (Qtrly Annizd)
Asset Cashflow Liquidity Ratio (90 day)
Tier1 \% Capital Ratio
Total RBC\% Ratio

Projected Earnings Performance:

| Static <br> Growth | Flat Rate <br> Scenario | Yr1 NII |
| :---: | :---: | :---: |
|  |  | Yr1 NI |
|  |  |  |


| Business Plan | Flat RateScenario | Yr1 NII |
| :---: | :---: | :---: |
|  |  | Yr1 NI |
|  |  | Yr1 |

Interest Rate Risk:
NII Sensitivity (Yr1)

| Up 3\% shock | Risk Limit $=+/-20 \%$ | $-5.4 \%$ |
| :--- | :--- | :--- |
| Dwn 1\% shock | Risk Limit $=+/-6 \%$ | $-2.3 \%$ |
| \% EVE Sensitivity |  |  |
| Up 3\% shock | Risk Limit $=+/-30 \%$ | $-6.5 \%$ |
| Dwn 1\% shock | Risk Limit $=+/-10 \%$ | $-5.7 \%$ |


| $6 / 30 / 2019$ |
| :---: |
| Level |
| (000's) |
| \$607,915 |
| $4.5 \%$ |
| $6.2 \%$ |
| $7.6 \%$ |
| $8.59 \%$ |
| $12.34 \%$ |
|  |
|  |
| $\$ 16,786$ |
| $\$ 2,724$ |
| $0.53 \%$ |
| $\$ 17,449$ |
| $\$ 3,035$ |
| $0.58 \%$ |


| 3/31/2019 | 6/30/2018 |
| :---: | :---: |
| Level | Level |
| (000's) | (000's) |
| \$598,880 | \$578,713 |
| 20.1\% | 13.1\% |
| 9.9\% | 10.8\% |
| 4.3\% | $6.3 \%$ |
| 8.69\% | 8.60\% |
| 12.42\% | 12.75\% |
| \$16,017 | \$15,302 |
| \$1,846 | \$2,954 |
| 0.36\% | 0.61\% |
| \$16,624 | \$15,860 |
| \$2,131 | \$3,247 |
| 0.41\% | 0.66\% |
| -7.2\% | 0.6\% |
| -1.5\% | -3.2\% |
| -10.1\% | -8.6\% |
| -4.9\% | -5.3\% |


| Performance |
| :---: |
| Trends |

Grwth slowed Q2'19
Q2 grwth led by CRE \& RES
Growth trend slowing but still strong
Higher liquidity Q2
Stable past 4 quarters
Modest decline w/CRE \& Construction grwth
~Stable NIM\% past 4 qtrs Improved NI from lower Overhead expense Rebounds after temporary reduction
~ $\$ 650 \mathrm{M}$ higher NII from 6\% grwth plan Improved NI from lower overhead expense Rebounds after temporary reduction

Improved Q2 from balance sheet shifts
Manageable sensitivity to lower rates

Improved w/Q2 drop in mkt rates
Relatively consistent level past year

| B | Flat Rate Scenario | $\begin{gathered} \text { Qtr } 1 \\ \underline{7 / 19-9 / 19} \end{gathered}$ | $\begin{gathered} \text { Qtr } 2 \\ 10 / 19-12 / 19 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 3 \\ \underline{1 / 20-3 / 20} \end{gathered}$ | $\begin{gathered} \text { Qtr } 4 \\ 4 / 20-6 / 20 \end{gathered}$ | $\begin{gathered} \text { Total Yr. } 1 \\ \underline{7 / 19-6 / 20} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 5 \\ 7 / 20-9 / 20 \end{gathered}$ | $\begin{gathered} \text { Qtr } 6 \\ 10 / 20-12 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 7 \\ \underline{1 / 21-3 / 21} \end{gathered}$ | $\begin{gathered} \text { Qtr } 8 \\ \text { 4/21-6/21 } \end{gathered}$ | $\begin{gathered} \text { Total Yr. } 2 \\ \underline{7 / 20-6 / 21} \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Earning Asset Yield | 4.53\% | 4.59\% | 4.57\% | 4.58\% | 4.57\% | 4.63\% | 4.65\% | 4.58\% | 4.63\% | 4.62\% |
| U | Cost of Funds | 1.22\% | 1.18\% | 1.13\% | 1.10\% | 1.16\% | 1.10\% | 1.10\% | 1.06\% | 1.07\% | 1.08\% |
|  | Net Interest Margin (nonFTE) | 3.37\% | 3.47\% | 3.49\% | 3.53\% | 3.46\% | 3.59\% | 3.60\% | 3.58\% | 3.62\% | 3.60\% |
| S | Provision Expense / Avg. Assets | 0.05\% | 0.05\% | 0.05\% | 0.04\% | 0.05\% | 0.04\% | 0.04\% | 0.04\% | 0.04\% | 0.04\% |
| ¢ | Non Int Income / Avg. Assets | 0.29\% | 0.29\% | 0.29\% | 0.28\% | 0.29\% | 0.28\% | 0.27\% | 0.27\% | 0.26\% | 0.27\% |
| 1 | Non Int Expense / Avg. Assets | 2.83\% | 2.82\% | 2.77\% | 2.72\% | 2.78\% | 2.67\% | 2.62\% | 2.57\% | 2.52\% | 2.59\% |
|  | Return on Assets | 0.48\% | 0.56\% | 0.61\% | 0.67\% | 0.58\% | 0.75\% | 0.80\% | 0.81\% | 0.88\% | 0.81\% |
| 1 | Return on Equity | 5.60\% | 6.50\% | 7.08\% | 7.82\% | 6.77\% | 8.66\% | 9.22\% | 9.35\% | 10.07\% | 9.34\% |
|  | Efficiency Ratio | 80.33\% | 77.78\% | 76.06\% | 73.94\% | 76.96\% | 71.62\% | 69.92\% | 69.16\% | 67.09\% | 69.41\% |
| C |  |  |  |  |  |  |  |  |  |  |  |
| $\mathbf{S}$ | UP 200bp <br> Gradual Ramp | $\begin{gathered} \text { Qtr } 1 \\ \underline{7 / 19-9 / 19} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 2 \\ \text { 10/19-12/19 } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 3 \\ \underline{1 / 20-3 / 20} \end{gathered}$ | $\begin{gathered} \text { Qtr } 4 \\ 4 / 20-6 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Total Yr. } 1 \\ \underline{7 / 19-6 / 20} \end{gathered}$ | $\begin{gathered} \text { Qtr } 5 \\ \underline{7 / 20-9 / 20} \end{gathered}$ | $\begin{gathered} \text { Qtr } 6 \\ 10 / 20-12 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 7 \\ \underline{1 / 21-3 / 21} \end{gathered}$ | $\begin{gathered} \text { Qtr } 8 \\ \text { 4/21-6/21 } \end{gathered}$ | $\begin{gathered} \text { Total Yr. } 2 \\ \underline{7 / 20-6 / 21} \end{gathered}$ |
| S | Earning Asset Yield | 4.56\% | 4.66\% | 4.70\% | 4.78\% | 4.68\% | 4.92\% | 5.03\% | 5.05\% | 5.21\% | 5.06\% |
|  | Cost of Funds | 1.25\% | 1.26\% | 1.28\% | 1.35\% | 1.29\% | 1.47\% | 1.57\% | 1.63\% | 1.78\% | 1.61\% |
|  | Net Interest Margin (nonFTE) | 3.37\% | 3.46\% | 3.48\% | 3.50\% | 3.45\% | 3.53\% | 3.54\% | 3.51\% | 3.53\% | 3.53\% |
| P | Provision Expense / Avg. Assets | 0.05\% | 0.05\% | 0.05\% | 0.04\% | 0.05\% | 0.04\% | 0.04\% | 0.04\% | 0.04\% | 0.04\% |
| $I$ | Non Int Income / Avg. Assets | 0.29\% | 0.29\% | 0.29\% | 0.28\% | 0.29\% | 0.28\% | 0.27\% | 0.27\% | 0.26\% | 0.27\% |
|  | Non Int Expense / Avg. Assets | 2.83\% | 2.82\% | 2.77\% | 2.72\% | 2.78\% | 2.67\% | 2.62\% | 2.57\% | 2.52\% | 2.59\% |
|  | Return on Assets | 0.48\% | 0.55\% | 0.60\% | 0.65\% | 0.57\% | 0.71\% | 0.75\% | 0.76\% | 0.81\% | 0.76\% |
|  | Return on Equity | 5.63\% | 6.45\% | 6.98\% | 7.61\% | 6.68\% | 8.24\% | 8.71\% | 8.85\% | 9.34\% | 8.79\% |
| a | Efficiency Ratio | 80.26\% | 77.91\% | 76.30\% | 74.45\% | 77.17\% | 72.61\% | 71.11\% | 70.36\% | 68.78\% | 70.69\% |
| 10 |  |  |  |  |  |  |  |  |  |  |  |
|  | UP 200bp Twist Gradual Ramp | $\begin{gathered} \text { Qtr } 1 \\ \underline{7 / 19-9 / 19} \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Qtr } 2 \\ 10 / 19-12 / 19 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 3 \\ \underline{1 / 20-3 / 20} \\ \hline \end{gathered}$ | $\begin{gathered} Q \operatorname{tr} 4 \\ 4 / 20-6 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Total Yr. } 1 \\ 7 / 19-6 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 5 \\ 7 / 20-9 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 6 \\ 10 / 20-12 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 7 \\ \underline{1 / 21-3 / 21} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 8 \\ 4 / 21-6 / 21 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Total Yr. } 2 \\ \underline{7 / 20-6 / 21} \end{gathered}$ |
| P | Earning Asset Yield | 4.55\% | 4.64\% | 4.65\% | 4.69\% | 4.63\% | 4.80\% | 4.86\% | 4.83\% | 4.93\% | 4.85\% |
|  | Cost of Funds | 1.25\% | 1.26\% | 1.28\% | 1.34\% | 1.28\% | 1.45\% | 1.55\% | 1.60\% | 1.75\% | 1.59\% |
| $e$ | Net Interest Margin (nonFTE) | 3.36\% | 3.44\% | 3.43\% | 3.42\% | 3.41\% | 3.42\% | 3.39\% | 3.31\% | 3.27\% | 3.35\% |
| O | Provision Expense / Avg. Assets | 0.05\% | 0.05\% | 0.05\% | 0.04\% | 0.05\% | 0.04\% | 0.04\% | 0.04\% | 0.04\% | 0.04\% |
| $T$ | Non Int Income / Avg. Assets | 0.29\% | 0.29\% | 0.29\% | 0.28\% | 0.29\% | 0.28\% | 0.27\% | 0.27\% | 0.26\% | 0.27\% |
| 1 | Non Int Expense / Avg. Assets | 2.83\% | 2.82\% | 2.77\% | 2.72\% | 2.78\% | 2.67\% | 2.62\% | 2.57\% | 2.52\% | 2.60\% |
| $f$ | Return on Assets | 0.47\% | 0.54\% | 0.56\% | 0.60\% | 0.54\% | 0.63\% | 0.64\% | 0.62\% | 0.63\% | 0.63\% |
| 1 | Return on Equity | 5.56\% | 6.27\% | 6.59\% | 6.98\% | 6.36\% | 7.35\% | 7.50\% | 7.26\% | 7.32\% | 7.36\% |
| 0 | Efficiency Ratio | 80.44\% | 78.37\% | 77.30\% | 76.02\% | 78.00\% | 74.80\% | 74.10\% | 74.35\% | 73.87\% | 74.28\% |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $\Gamma$ $\square$ | Down 100bp Gradual Ramp | $\begin{gathered} \text { Qtr } 1 \\ 7 / 19-9 / 19 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 2 \\ 10 / 19-12 / 19 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 3 \\ 1 / 20-3 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 4 \\ 4 / 20-6 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Total Yr. } 1 \\ \underline{7 / 19-6 / 20} \end{gathered}$ | $\begin{gathered} \text { Qtr } 5 \\ \underline{7 / 20-9 / 20} \end{gathered}$ | $\begin{gathered} \text { Qtr } 6 \\ 10 / 20-12 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 7 \\ \underline{1 / 21-3 / 21} \end{gathered}$ | $\begin{gathered} \text { Qtr } 8 \\ \text { 4/21-6/21 } \end{gathered}$ | $\begin{gathered} \text { Total Yr. } 2 \\ \underline{7 / 20-6 / 21} \end{gathered}$ |
|  | Earning Asset Yield | 4.52\% | 4.55\% | 4.50\% | 4.47\% | 4.51\% | 4.48\% | 4.45\% | 4.34\% | 4.32\% | 4.40\% |
| a | Cost of Funds | 1.21\% | 1.15\% | 1.08\% | 1.02\% | 1.11\% | 0.98\% | 0.94\% | 0.87\% | 0.81\% | 0.90\% |
|  | Net Interest Margin (nonFTE) | 3.36\% | 3.46\% | 3.47\% | 3.50\% | 3.45\% | 3.56\% | 3.56\% | 3.52\% | 3.55\% | 3.55\% |
| 1 | Provision Expense / Avg. Assets | 0.05\% | 0.05\% | 0.05\% | 0.04\% | 0.05\% | 0.04\% | 0.04\% | 0.04\% | 0.04\% | 0.04\% |
|  | Non Int Income / Avg. Assets | 0.29\% | 0.29\% | 0.29\% | 0.28\% | 0.29\% | 0.28\% | 0.27\% | 0.27\% | 0.26\% | 0.27\% |
| C | Non Int Expense / Avg. Assets | 2.83\% | 2.82\% | 2.77\% | 2.72\% | 2.78\% | 2.67\% | 2.62\% | 2.57\% | 2.52\% | 2.59\% |
|  | Return on Assets | 0.47\% | 0.55\% | 0.60\% | 0.66\% | 0.57\% | 0.73\% | 0.76\% | 0.77\% | 0.83\% | 0.77\% |
| C | Return on Equity | 5.56\% | $6.42 \%$ | 6.94\% | 7.64\% | 6.66\% | 8.44\% | 8.87\% | 8.88\% | 9.55\% | 8.94\% |
| C | Efficiency Ratio | 80.43\% | 77.97\% | 76.40\% | 74.37\% | 77.23\% | 72.14\% | 70.74\% | 70.28\% | 68.30\% | 70.34\% |
|  |  |  |  |  |  |  |  |  |  |  |  |
| $R$ | EPG Forecast | $\begin{gathered} \text { Qtr } 1 \\ \underline{7 / 19-9 / 19} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 2 \\ \text { 10/19-12/19 } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 3 \\ \underline{1 / 20-3 / 20} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 4 \\ 4 / 20-6 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Total Yr. } 1 \\ \underline{7 / 19-6 / 20} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 5 \\ \underline{7 / 20-9 / 20} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 6 \\ 10 / 20-12 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 7 \\ \underline{1 / 21-3 / 21} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 8 \\ 4 / 21-6 / 21 \end{gathered}$ | $\begin{gathered} \text { Total Yr. } 2 \\ 7 / 20-6 / 21 \end{gathered}$ |
| a | Earning Asset Yield | 4.52\% | 4.58\% | 4.56\% | 4.60\% | 4.57\% | 4.67\% | 4.71\% | 4.66\% | 4.73\% | 4.69\% |
|  | Cost of Funds | 1.21\% | 1.15\% | 1.08\% | 1.05\% | 1.12\% | 1.05\% | 1.05\% | 1.01\% | 1.02\% | 1.03\% |
| $t$ | Net Interest Margin (nonFTE) | 3.37\% | 3.48\% | 3.53\% | 3.59\% | 3.50\% | 3.68\% | 3.71\% | 3.70\% | 3.77\% | 3.72\% |
|  | Provision Expense / Avg. Assets | 0.05\% | 0.05\% | 0.05\% | 0.04\% | 0.05\% | 0.04\% | 0.04\% | 0.04\% | 0.04\% | 0.04\% |
| 1 | Non Int Income / Avg. Assets | 0.29\% | 0.29\% | 0.29\% | 0.28\% | 0.29\% | 0.28\% | 0.27\% | 0.27\% | 0.26\% | 0.27\% |
|  | Non Int Expense / Avg. Assets | 2.83\% | 2.82\% | 2.77\% | 2.72\% | 2.78\% | 2.67\% | 2.62\% | 2.57\% | 2.52\% | 2.59\% |
| 0 | Return on Assets | 0.47\% | 0.57\% | 0.64\% | 0.72\% | 0.60\% | 0.81\% | 0.87\% | 0.90\% | 0.98\% | 0.89\% |
|  | Return on Equity | 5.58\% | 6.62\% | 7.44\% | 8.37\% | 7.03\% | 9.38\% | 10.08\% | 10.33\% | 11.17\% | 10.26\% |
| S | Efficiency Ratio | 80.38\% | 77.48\% | 75.16\% | 72.63\% | 76.31\% | 69.95\% | 67.96\% | 66.90\% | 64.60\% | 67.29\% |

## STATIC GROWTH PERFORMANCE RATIOS

June 30, 2019

| Flat Rate Scenario | $\begin{gathered} \text { Qtr } 1 \\ \underline{7 / 19-9 / 19} \end{gathered}$ | $\begin{gathered} \text { Qtr } 2 \\ 10 / 19-12 / 19 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 3 \\ 1 / 20-3 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 4 \\ 4 / 20-6 / 20 \\ \hline \end{gathered}$ | Total Yr. 1 <br> 7/19-6/20 | $\begin{gathered} \text { Qtr } 5 \\ \underline{7 / 20-9 / 20} \end{gathered}$ | $\begin{gathered} \text { Qtr } 6 \\ 10 / 20-12 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 7 \\ \underline{1 / 21-3 / 21} \end{gathered}$ | $\begin{gathered} \text { Qtr } 8 \\ 4 / 21-6 / 21 \end{gathered}$ | Total Yr. 2 <br> 7/20-6/21 | Total Yr. 3 <br> 7/21-6/22 | $\begin{gathered} \text { Total Yr. } 4 \\ 7 / 22-6 / 23 \\ \hline \end{gathered}$ | Total Yr. 5 <br> 7/23-6/24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Earning Asset Yield | 4.49\% | 4.53\% | 4.49\% | 4.49\% | 4.50\% | 4.55\% | 4.56\% | 4.49\% | 4.53\% | 4.53\% | 4.56\% | 4.55\% | 4.58\% |
| Cost of Funds | 1.24\% | 1.19\% | 1.14\% | 1.10\% | 1.17\% | 1.09\% | 1.07\% | 1.02\% | 1.01\% | 1.05\% | 1.01\% | 1.01\% | 1.00\% |
| Net Interest Margin | 3.31\% | 3.39\% | 3.41\% | 3.45\% | 3.39\% | 3.52\% | 3.54\% | 3.53\% | 3.58\% | 3.54\% | 3.61\% | 3.61\% | 3.65\% |
| Provision Expense / Avg. Assets | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% |
| Non Int Income / Avg. Assets | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.30\% | 0.31\% | 0.32\% |
| Non Int Expense / Avg. Assets | 2.82\% | 2.84\% | 2.83\% | 2.83\% | 2.83\% | 2.84\% | 2.83\% | 2.83\% | 2.83\% | 2.83\% | 2.91\% | 2.95\% | 3.06\% |
| Return on Assets | 0.45\% | 0.49\% | 0.50\% | 0.54\% | 0.49\% | 0.58\% | 0.60\% | 0.59\% | 0.63\% | 0.60\% | 0.60\% | 0.57\% | 0.53\% |
| Return on Equity | 5.27\% | 5.67\% | 5.78\% | 6.06\% | 5.70\% | 6.43\% | 6.55\% | 6.31\% | 6.64\% | 6.49\% | 6.13\% | 5.56\% | 4.89\% |
| Efficiency Ratio | 81.22\% | 79.96\% | 79.45\% | 78.46\% | 79.76\% | 77.25\% | 76.67\% | 77.01\% | 75.87\% | 76.69\% | 77.09\% | 78.26\% | 79.94\% |


| UP 100bp Rate Shock | $\begin{gathered} \text { Qtr } 1 \\ \underline{\text { //19-9/19 }} \end{gathered}$ | $\begin{gathered} \text { Qtr } 2 \\ 10 / 19-12 / 19 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 3 \\ 1 / 20-3 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 4 \\ 4 / 20-6 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Total Yr. } 1 \\ \underline{7 / 19-6 / 20} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 5 \\ \underline{7 / 20-9 / 20} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 6 \\ 10 / 20-12 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 7 \\ \underline{\underline{1 / 21-3 / 21}} \end{gathered}$ | $\begin{gathered} \text { Qtr } 8 \\ 4 / 21-6 / 21 \end{gathered}$ | Total Yr. 2 <br> 7/20-6/21 | Total Yr. 3 <br> 7/21-6/22 | $\begin{gathered} \text { Total Yr. } 4 \\ \underline{7 / 22-6 / 23} \\ \hline \end{gathered}$ | Total Yr. 5 <br> 7/23-6/24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Earning Asset Yield | 4.67\% | 4.74\% | 4.75\% | 4.80\% | 4.74\% | 4.89\% | 4.93\% | 4.89\% | 4.97\% | 4.92\% | 5.08\% | 5.21\% | 5.33\% |
| Cost of Funds | 1.46\% | 1.47\% | 1.46\% | 1.47\% | .47\% | 1.50\% | 1.51\% | 1.47\% | 1.49\% | 1.49\% | 1.51\% | 1.53\% | 1.53\% |
| Net Interest Margin | 3.27\% | 3.34\% | 3.36\% | 3.41\% | 3.34\% | 3.47\% | 3.51\% | 3.50\% | 3.56\% | 3.51\% | 3.66\% | 3.77\% | 3.91\% |
| Provision Expense / Avg. Assets | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% |
| Non Int Income / Avg. Assets | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.30\% | 0.31\% | 0.32\% |
| Non Int Expense / Avg. Assets | 2.82\% | 2.84\% | 2.83\% | 2.83\% | 2.83\% | 2.84\% | 2.83\% | 2.84\% | 2.83\% | 2.83\% | 2.91\% | 2.95\% | 3.05\% |
| Return on Assets | 0.42\% | 0.45\% | 0.47\% | 0.51\% | 0.46\% | 0.55\% | 0.57\% | 0.57\% | 0.62\% | 0.58\% | 0.64\% | 0.69\% | 0.72\% |
| Return on Equity | 4.95\% | 5.26\% | 5.45\% | 5.72\% | 5.35\% | 6.11\% | 6.29\% | 6.13\% | 6.55\% | 6.27\% | 6.53\% | 6.67\% | 6.51\% |
| Efficiency Ratio | 82.08\% | 81.06\% | 80.36\% | 79.41\% | 80.72\% | 78.16\% | 77.42\% | 77.58\% | 76.20\% | 77.33\% | 76.08\% | 75.09\% | 74.92\% |


| UP 200bp Rate Shock | $\begin{gathered} \text { Qtr } 1 \\ \text { T/19-9/19 } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 2 \\ 10 / 19-12 / 19 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 3 \\ 1 / 20-3 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 4 \\ 4 / 20-6 / 20 \\ \hline \end{gathered}$ | Total Yr. 1 <br> 7/19-6/20 | $\begin{gathered} \text { Qtr } 5 \\ \text { 7/20-9/20 } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 6 \\ 10 / 20-12 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 7 \\ \underline{1 / 21-3 / 21} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 8 \\ 4 / 21-6 / 21 \\ \hline \end{gathered}$ | Total Yr. 2 <br> 7/20-6/21 | Total Yr. 3 <br> 7/21-6/22 | Total Yr. 4 <br> 7/22-6/23 | Total Yr. 5 7/23-6/24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Earning Asset Yield | 4.83\% | 4.96\% | 5.02\% | 5.11\% | 4.98\% | 5.24\% | 5.31\% | 5.29\% | 5.41\% | 5.31\% | 5.62\% | 5.88\% | 6.12\% |
| Cost of Funds | 1.69\% | 1.76\% | 1.79\% | 1.85\% | 1.77\% | 1.91\% | 1.94\% | 1.93\% | 1.97\% | 1.94\% | 2.02\% | 2.06\% | 2.07\% |
| Net Interest Margin | 3.22\% | 3.29\% | 3.32\% | 3.36\% | 3.29\% | 3.43\% | 3.47\% | 3.47\% | 3.55\% | 3.48\% | 3.72\% | 3.95\% | 4.20\% |
| Provision Expense / Avg. Assets | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% |
| Non Int Income / Avg. Assets | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.30\% | 0.31\% | 0.32\% |
| Non Int Expense / Avg. Assets | 2.82\% | 2.84\% | 2.83\% | 2.83\% | 2.83\% | 2.84\% | 2.84\% | 2.84\% | 2.83\% | 2.84\% | 2.91\% | 2.95\% | 3.05\% |
| Return on Assets | 0.38\% | 0.42\% | 0.44\% | 0.47\% | 0.43\% | 0.52\% | 0.55\% | 0.55\% | 0.60\% | 0.55\% | 0.68\% | 0.81\% | 0.93\% |
| Return on Equity | 4.54\% | 4.85\% | 5.10\% | 5.37\% | 4.97\% | 5.78\% | 6.02\% | 5.95\% | 6.47\% | 6.06\% | 6.96\% | 7.86\% | 8.28\% |
| Efficiency Ratio | 83.25\% | 82.22\% | 81.35\% | 80.43\% | 81.80\% | 79.10\% | 78.22\% | 78.17\% | 76.53\% | 77.99\% | 75.05\% | 71.97\% | 69.93\% |

## STATIC GROWTH PERFORMANCE RATIOS

June 30, 2019

| Up 300bp Rate Shock | $\begin{gathered} \text { Qtr } 1 \\ \underline{7 / 19-9 / 19} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 2 \\ 10 / 19-12 / 19 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 3 \\ \underline{1 / 20-3 / 20} \end{gathered}$ | $\begin{gathered} \text { Qtr } 4 \\ 4 / 20-6 / 20 \end{gathered}$ | Total Yr. 1 <br> 7/19-6/20 | $\begin{gathered} \text { Qtr } 5 \\ 7 / 20-9 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 6 \\ 10 / 20-12 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 7 \\ \underline{1 / 21-3 / 21} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 8 \\ 4 / 21-6 / 21 \end{gathered}$ | Total Yr. 2 <br> 7/20-6/21 | Total Yr. 3 <br> 7/21-6/22 | $\text { Total Yr. } 4$ 7/22-6/23 | Total Yr. 5 <br> 7/23-6/24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Earning Asset Yield | 4.97\% | 5.15\% | 5.25\% | 5.37\% | 5.19\% | 5.52\% | 5.61\% | 5.61\% | 5.75\% | 5.62\% | 6.05\% | 6.44\% | 6.81\% |
| Cost of Funds | 1.92\% | 2.05\% | 2.13\% | 2.24\% | 2.09\% | 2.34\% | 2.40\% | 2.39\% | 2.46\% | 2.40\% | 2.53\% | 2.60\% | 2.61\% |
| Net Interest Margin (nonFTE) | 3.14\% | 3.20\% | 3.22\% | 3.25\% | 3.20\% | 3.30\% | 3.34\% | 3.34\% | 3.43\% | 3.35\% | 3.66\% | 4.01\% | 4.40\% |
| Provision Expense / Avg. Assets | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% |
| Non Int Income / Avg. Assets | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.30\% | 0.31\% | 0.32\% |
| Non Int Expense / Avg. Assets | 2.81\% | 2.83\% | 2.83\% | 2.83\% | 2.83\% | 2.84\% | 2.84\% | 2.84\% | 2.84\% | 2.84\% | 2.91\% | 2.96\% | 3.05\% |
| Return on Assets | 0.33\% | 0.36\% | 0.38\% | 0.39\% | 0.36\% | 0.43\% | 0.45\% | 0.45\% | 0.51\% | 0.46\% | 0.63\% | 0.85\% | 1.07\% |
| Return on Equity | 3.93\% | 4.17\% | 4.35\% | 4.49\% | 4.24\% | 4.82\% | 5.04\% | 4.99\% | 5.58\% | 5.11\% | 6.60\% | 8.39\% | 9.57\% |
| Efficiency Ratio | 85.01\% | 84.18\% | 83.54\% | 82.99\% | 83.92\% | 81.87\% | 81.09\% | 81.04\% | 79.19\% | 80.79\% | 76.32\% | 71.07\% | 67.09\% |


| UP 400bp <br> Rate Shock | $\begin{gathered} \text { Qtr } 1 \\ \underline{7 / 19-9 / 9} 9 \end{gathered}$ | $\begin{gathered} \text { Qtr } 2 \\ \text { 10/19-12/19 } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 3 \\ 1 / 20-3 / 20 \end{gathered}$ | $\begin{gathered} \text { Qtr } 4 \\ 4 / 20-6 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Total Yr. } 1 \\ \underline{7 / 19-6 / 20} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 5 \\ \underline{7 / 20-9 / 20} \\ \hline \end{gathered}$ | $\begin{gathered} Q \operatorname{tr} 6 \\ 10 / 20-12 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 7 \\ \underline{1 / 21-3 / 21} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 8 \\ 4 / 21-6 / 21 \\ \hline \end{gathered}$ | Total Yr. 2 <br> 7/20-6/21 | $\begin{gathered} \text { Total Yr. } 3 \\ \underline{7 / 21-6 / 22} \end{gathered}$ | $\begin{gathered} \text { Total Yr. } 4 \\ \underline{7 / 22-6 / 23} \end{gathered}$ | Total Yr. 5 <br> 7/23-6/24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Earning Asset Yield | 5.11\% | 5.36\% | 5.50\% | 5.66\% | 5.41\% | 5.84\% | 5.95\% | 5.97\% | 6.15\% | 5.98\% | 6.53\% | 7.07\% | 7.56\% |
| Cost of Funds | 2.15\% | 2.34\% | 2.46\% | 2.62\% | 2.39\% | 2.76\% | 2.84\% | 2.85\% | 2.94\% | 2.85\% | 3.04\% | 3.13\% | 3.15\% |
| Net Interest Margin (nonFTE) | 3.06\% | 3.13\% | 3.15\% | 3.17\% | 3.13\% | 3.22\% | 3.26\% | 3.27\% | 3.36\% | 3.28\% | 3.67\% | 4.14\% | 4.65\% |
| Provision Expense / Avg. Assets | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% |
| Non Int Income / Avg. Assets | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.30\% | 0.31\% | 0.32\% |
| Non Int Expense / Avg. Assets | 2.81\% | 2.83\% | 2.83\% | 2.83\% | 2.83\% | 2.84\% | 2.84\% | 2.84\% | 2.84\% | 2.84\% | 2.92\% | 2.96\% | 3.05\% |
| Return on Assets | 0.28\% | 0.31\% | 0.33\% | 0.34\% | 0.31\% | 0.37\% | 0.39\% | 0.40\% | 0.47\% | 0.41\% | 0.63\% | 0.94\% | 1.25\% |
| Return on Equity | 3.30\% | 3.65\% | 3.81\% | 3.87\% | 3.66\% | 4.18\% | 4.42\% | 4.44\% | 5.13\% | 4.55\% | 6.68\% | 9.30\% | 11.14\% |
| Efficiency Ratio | 86.92\% | 85.75\% | 85.18\% | 84.87\% | 85.67\% | 83.84\% | 82.98\% | 82.77\% | 80.62\% | 82.54\% | 76.33\% | 69.10\% | 63.61\% |


| Down 100bp Rate Shock | $\begin{gathered} \text { Qtr } 1 \\ \text { T/19-9/19 } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 2 \\ 10 / 19-12 / 19 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 3 \\ 1 / 20-3 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 4 \\ 4 / 20-6 / 20 \\ \hline \end{gathered}$ | Total Yr. 1 <br> 7/19-6/20 | $\begin{gathered} \text { Qtr } 5 \\ \text { 7/20-9/20 } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 6 \\ 10 / 20-12 / 20 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 7 \\ \underline{1 / 21-3 / 21} \\ \hline \end{gathered}$ | $\begin{gathered} \text { Qtr } 8 \\ \text { 4/21-6/21 } \\ \hline \end{gathered}$ | Total Yr. 2 <br> 7/20-6/21 | Total Yr. 3 7/21-6/22 | Total Yr. 4 7/22-6/23 | Total Yr. 5 7/23-6/24 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Earning Asset Yield | 4.30\% | 4.28\% | 4.19\% | 4.15\% | 4.23\% | 4.16\% | 4.13\% | 4.05\% | 4.05\% | 4.10\% | 4.00\% | 3.88\% | 3.84\% |
| Cost of Funds | 1.09\% | 1.01\% | 0.92\% | 0.84\% | 0.97\% | 0.80\% | 0.77\% | 0.71\% | 0.68\% | 0.74\% | 0.65\% | 0.62\% | 0.60\% |
| Net Interest Margin (nonFTE) | 3.26\% | 3.32\% | 3.31\% | 3.35\% | 3.31\% | 3.40\% | 3.41\% | 3.38\% | 3.41\% | 3.40\% | 3.38\% | 3.30\% | 3.27\% |
| Provision Expense / Avg. Assets | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% |
| Non Int Income / Avg. Assets | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.29\% | 0.30\% | 0.31\% | 0.32\% |
| Non Int Expense / Avg. Assets | 2.82\% | 2.84\% | 2.83\% | 2.83\% | 2.83\% | 2.84\% | 2.84\% | 2.84\% | 2.84\% | 2.84\% | 2.91\% | 2.97\% | 3.08\% |
| Return on Assets | 0.41\% | 0.44\% | 0.44\% | 0.46\% | 0.44\% | 0.50\% | 0.50\% | 0.48\% | 0.51\% | 0.50\% | 0.44\% | 0.34\% | 0.25\% |
| Return on Equity | 4.84\% | 5.11\% | 5.04\% | 5.28\% | 5.07\% | 5.54\% | 5.53\% | 5.20\% | 5.42\% | 5.42\% | 4.56\% | 3.47\% | 2.43\% |
| Efficiency Ratio | 82.39\% | 81.47\% | 81.48\% | 80.66\% | 81.50\% | 79.72\% | 79.56\% | 80.28\% | 79.44\% | 79.75\% | 81.98\% | 85.30\% | 88.91\% |

