NCUA Q2-2020
<\$2M $\quad \$ 2-10 \mathrm{M} \quad \$ 10-\$ 50 \mathrm{M} \quad \$ 50-100 \mathrm{M}$ \$100-500M $\quad \$ 500 \mathrm{M}+$
TOTAL
$<10 \mathrm{M}$
<\$50M
<\$100M
< $\$ 500 \mathrm{M}$

| DEMOGRAPHICS |  |  |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| No. of Credit Unions | 377 | 854 | 1,580 | 665 | 1,061 | 627 | 5,164 | 1,231 | 2,811 | 3,476 | 4,537 |
| Avg Asset Size (\$Mil) | $\$ 0.921$ | $\$ 6.1$ | $\$ 26.1$ | $\$ 73.0$ | $\$ 214.7$ | $\$ 1,983.4$ | $\$ 303.4$ | $\$ 4.5$ | $\$ 16.6$ | $\$ 27.4$ | $\$ 71.2$ |
| Pct of Credit Unions | $7 \%$ | $17 \%$ | $31 \%$ | $13 \%$ | $21 \%$ | $12 \%$ | $100 \%$ | $24 \%$ | $54 \%$ | $67 \%$ | $88 \%$ |
| Pct of Industry Assets | $0.0 \%$ | $0.3 \%$ | $2 \%$ | $3 \%$ | $13 \%$ | $81 \%$ | $100 \%$ | $0 \%$ | $3 \%$ | $5 \%$ | $19 \%$ |

## GROWTH RATES

Total Assets
Total Loans
Total Shares
Net Worth

| $-7.5 \%$ | $-14.4 \%$ | $-2.7 \%$ | $-2.8 \%$ | $6.9 \%$ | $28.3 \%$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $-34.7 \%$ | $-33.6 \%$ | $-24.3 \%$ | $-23.9 \%$ | $-13.5 \%$ | $10.2 \%$ |
| $-5.1 \%$ | $-10.7 \%$ | $-0.5 \%$ | $-0.9 \%$ | $8.1 \%$ | $26.1 \%$ |
| $-14.6 \%$ | $-22.4 \%$ | $-16.1 \%$ | $-16.2 \%$ | $-9.4 \%$ | $9.9 \%$ |


| $23.3 \%$ | $-14.0 \%$ | $-4.0 \%$ | $-3.4 \%$ | $3.9 \%$ |
| :---: | :---: | :---: | :---: | :---: |
| $5.2 \%$ | $-33.7 \%$ | $-25.3 \%$ | $-24.5 \%$ | $-16.4 \%$ |
| $21.8 \%$ | $-10.4 \%$ | $-1.7 \%$ | $-1.3 \%$ | $5.3 \%$ |
| $5.2 \%$ | $-21.9 \%$ | $-16.9 \%$ | $-16.5 \%$ | $-11.7 \%$ |


| BALANCE SHEET ALLOCATION |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net Worth Ratio | 18.4\% | 15.6\% | 12.3\% | 11.5\% | 10.7\% | 10.3\% | 10.5\% | 15.8\% | 12.7\% | 12.1\% | 11.1\% |
| Cash \& Inv-to-Assets | 57\% | 52\% | 49\% | 43\% | 34\% | 29\% | 31\% | 52\% | 49\% | 46\% | 37\% |
| Loans-to-Total Assets | 43\% | 47\% | 48\% | 52\% | 61\% | 67\% | 65\% | 47\% | 48\% | 50\% | 58\% |
| Vehicle-to-Total Loans | 60\% | 64\% | 49\% | 43\% | 39\% | 31\% | 33\% | 64\% | 51\% | 47\% | 41\% |
| RELoans-to-Total Loans | 1\% | 8\% | 30\% | 39\% | 45\% | 53\% | 51\% | 7\% | 27\% | 33\% | 42\% |
| RELoans-to-Net Worth | 3\% | 23\% | 116\% | 177\% | 258\% | 343\% | 319\% | 22\% | 103\% | 139\% | 221\% |
| Indirect-to-Total Loans | 0\% | 0\% | 4\% | 11\% | 18\% | 21\% | 20\% | 0\% | 4\% | 8\% | 15\% |
| Loans-to-Shares | 53\% | 56\% | 55\% | 60\% | 70\% | 79\% | 76\% | 56\% | 55\% | 58\% | 66\% |
| Pct of Non-term-Shares | 92\% | 85\% | 82\% | 80\% | 77\% | 72\% | 73\% | 85\% | 82\% | 81\% | 78\% |
| ST Funding Ratio | 46.5\% | 37.7\% | 31.1\% | 27.0\% | 20.7\% | 16.4\% | 17.6\% | 31.8\% | 29.4\% | 23.2\% | 17.8\% |
| Net LT Assets Ratio | 3.4\% | 6.8\% | 17.1\% | 22.6\% | 29.2\% | 35.0\% | 33.3\% | 15.9\% | 19.3\% | 26.3\% | 33.2\% |
| Leverage Ratio | 1.4\% | 1.3\% | 1.0\% | 1.3\% | 2.0\% | 5.1\% | 4.4\% | 1.3\% | 1.0\% | 1.2\% | 1.8\% |
| Solvency Ratio | 122.8\% | 118.6\% | 114.1\% | 113.1\% | 112.1\% | 112.4\% | 112.5\% | 118.8\% | 114.7\% | 113.8\% | 112.6\% |


| LOAN QUALITY AND ADEQUACY OF RESERVES |  |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Loan Delinquency Rate | $3.52 \%$ | $1.57 \%$ | $0.91 \%$ | $0.75 \%$ | $0.62 \%$ | $0.56 \%$ | $0.58 \%$ | $0.98 \%$ | $0.86 \%$ | $0.68 \%$ | $0.58 \%$ |
| Net Charge-off Rate | $0.51 \%$ | $0.50 \%$ | $0.38 \%$ | $0.38 \%$ | $0.39 \%$ | $0.56 \%$ | $0.53 \%$ | $0.39 \%$ | $0.39 \%$ | $0.39 \%$ | $0.53 \%$ |
| "Misery" Index | $4.03 \%$ | $2.07 \%$ | $1.29 \%$ | $1.13 \%$ | $1.01 \%$ | $1.12 \%$ | $1.11 \%$ | $1.37 \%$ | $1.24 \%$ | $1.07 \%$ | $1.11 \%$ |
| RE Loan Delinquency | $1.88 \%$ | $1.61 \%$ | $0.91 \%$ | $0.75 \%$ | $0.61 \%$ | $0.52 \%$ | $0.54 \%$ | $1.61 \%$ | $0.93 \%$ | $0.82 \%$ | $0.65 \%$ |
| Veh Loan Delinquency | $2.81 \%$ | $1.44 \%$ | $0.78 \%$ | $0.63 \%$ | $0.51 \%$ | $0.44 \%$ | $0.47 \%$ | $1.52 \%$ | $0.88 \%$ | $0.76 \%$ | $0.58 \%$ |
| - Direct Delinquency | $2.81 \%$ | $1.44 \%$ | $0.76 \%$ | $0.60 \%$ | $0.45 \%$ | $0.36 \%$ | $0.44 \%$ | $1.52 \%$ | $0.87 \%$ | $0.75 \%$ | $0.56 \%$ |
| - Indirect Delinquency | $0.00 \%$ | $0.99 \%$ | $1.02 \%$ | $0.71 \%$ | $0.58 \%$ | $0.48 \%$ | $0.49 \%$ | $0.99 \%$ | $1.02 \%$ | $0.78 \%$ | $0.61 \%$ |
| Loss Allowance Ratio | $3.02 \%$ | $1.36 \%$ | $0.92 \%$ | $0.86 \%$ | $0.81 \%$ | $1.04 \%$ | $1.00 \%$ | $1.46 \%$ | $0.98 \%$ | $0.92 \%$ | $0.84 \%$ |
| Current Loss Exposure | $1.73 \%$ | $0.80 \%$ | $0.51 \%$ | $0.42 \%$ | $0.38 \%$ | $0.33 \%$ | $0.34 \%$ | $0.86 \%$ | $0.54 \%$ | $0.48 \%$ | $0.41 \%$ |


| EARNINGS: |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Asset Yield Cost of Funds | $\begin{aligned} & 3.76 \% \\ & 0.35 \% \end{aligned}$ | $\begin{aligned} & 3.56 \% \\ & 0.40 \% \end{aligned}$ | $\begin{aligned} & 3.37 \% \\ & 0.41 \% \end{aligned}$ | $\begin{aligned} & 3.34 \% \\ & 0.43 \% \end{aligned}$ | $\begin{aligned} & 3.47 \% \\ & 0.55 \% \end{aligned}$ | $\begin{aligned} & 3.73 \% \\ & 0.86 \% \end{aligned}$ | $\begin{aligned} & 3.67 \% \\ & 0.79 \% \end{aligned}$ | $\begin{aligned} & 3.57 \% \\ & 0.39 \% \end{aligned}$ | $\begin{aligned} & 3.39 \% \\ & 0.41 \% \end{aligned}$ | $\begin{aligned} & 3.36 \% \\ & 0.42 \% \end{aligned}$ | $\begin{aligned} & 3.44 \% \\ & 0.51 \% \end{aligned}$ |
| Gross Margin | 3.41\% | 3.16\% | 2.95\% | 2.91\% | 2.91\% | 2.87\% | 2.88\% | 3.18\% | 2.98\% | 2.94\% | 2.92\% |
| Provision Expense | 0.23\% | 0.24\% | 0.19\% | 0.22\% | 0.30\% | 0.66\% | 0.59\% | 0.24\% | 0.20\% | 0.21\% | 0.28\% |
| Net Margin | 3.17\% | 2.92\% | 2.77\% | 2.69\% | 2.61\% | 2.21\% | 2.29\% | 2.94\% | 2.78\% | 2.74\% | 2.64\% |
| Non-Interest Income | 0.29\% | 0.52\% | 0.81\% | 1.05\% | 1.24\% | 1.26\% | 1.24\% | 0.50\% | 0.78\% | 0.92\% | 1.15\% |
| Non-Interest Expense | 3.68\% | 3.33\% | 3.29\% | 3.36\% | 3.44\% | 2.94\% | 3.04\% | 3.35\% | 3.30\% | 3.33\% | 3.41\% |
| Net Operating Exp | 3.39\% | 2.82\% | 2.48\% | 2.31\% | 2.20\% | 1.68\% | 1.80\% | 2.85\% | 2.52\% | 2.41\% | 2.26\% |
| Net Operating Return | -0.21\% | 0.10\% | 0.29\% | 0.38\% | 0.40\% | 0.53\% | 0.50\% | 0.08\% | 0.27\% | 0.32\% | 0.38\% |
| Non-recurring Inc(Exp) | 0.12\% | 0.04\% | 0.02\% | 0.01\% | 0.01\% | 0.04\% | 0.03\% | 0.05\% | 0.02\% | 0.02\% | 0.01\% |
| Net Income (ROA) | -0.10\% | 0.15\% | 0.31\% | 0.39\% | 0.42\% | 0.57\% | 0.53\% | 0.13\% | 0.29\% | 0.34\% | 0.40\% |
| Return on Net Worth | 0.1\% | 1.3\% | 2.7\% | 3.5\% | 4.0\% | 5.5\% | 5.1\% | 1.2\% | 2.5\% | 3.0\% | 3.7\% |

# Meridian Economics <br> Trusted Insight, Effective Solutions 

## OPERATING EFFICIENCIES:

## Core Activities-

Earning Asset Allocation and Return

| Nonearning as Pct of Assets | 1\% | 1\% | 3\% | 4\% | 5\% | 4\% | 4\% | 1\% | 3\% | 4\% | 5\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cash \& Investment Yield | 1.06\% | 1.40\% | 1.46\% | 1.39\% | 1.26\% | 1.21\% | 1.23\% | 1.37\% | 1.45\% | 1.42\% | 1.32\% |
| C\&I as Pct of Assets | 57\% | 52\% | 49\% | 43\% | 34\% | 29\% | 31\% | 52\% | 49\% | 46\% | 37\% |
| Loan Yield, net | 6.63\% | 5.52\% | 5.03\% | 4.72\% | 4.41\% | 4.17\% | 4.24\% | 5.58\% | 5.09\% | 4.89\% | 4.54\% |
| Loans as Pct of Assets | 43\% | 47\% | 48\% | 52\% | 61\% | 67\% | 65\% | 47\% | 48\% | 50\% | 58\% |
| Avg Loan Balance | \$4,948 | \$7,329 | \$8,110 | \$9,587 | \$13,332 | \$17,596 | \$16,262 | \$7,187 | \$8,004 | \$8,845 | \$12,174 |
| Avg Loan Rate | 6.87\% | 5.76\% | 5.21\% | 4.94\% | 4.72\% | 4.83\% | 4.83\% | 5.82\% | 5.28\% | 5.10\% | 4.81\% |
| Avg Loan Yield, net | 6.63\% | 5.52\% | 5.03\% | 4.72\% | 4.41\% | 4.17\% | 4.24\% | 5.58\% | 5.09\% | 4.89\% | 4.54\% |

Paying Funds Allocation and Return

| NonTerm as Pct of Shares | $92 \%$ | $85 \%$ | $82 \%$ | $80 \%$ | $77 \%$ | $72 \%$ | $73 \%$ | $85 \%$ | $82 \%$ | $81 \%$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Share CDs as Pct of Shares | $5 \%$ | $10 \%$ | $12 \%$ | $14 \%$ | $16 \%$ | $20 \%$ | $19 \%$ | $10 \%$ | $12 \%$ | $13 \%$ |
| Cost of Funds | $0.35 \%$ | $0.40 \%$ | $0.41 \%$ | $0.43 \%$ | $0.55 \%$ | $0.86 \%$ | $0.79 \%$ | $0.39 \%$ | $0.41 \%$ | $0.42 \%$ |
|  |  |  |  |  |  |  |  |  |  |  |
| Avg Share Balance | $\$ 2,502$ | $\$ 5,040$ | $\$ 8,055$ | $\$ 9,239$ | $\$ 10,548$ | $\$ 12,942$ | $\$ 12,185$ | $\$ 4,739$ | $\$ 7,488$ | $\$ 8,374$ |
| Avg Share Rate | $0.44 \%$ | $0.47 \%$ | $0.47 \%$ | $0.49 \%$ | $0.64 \%$ | $1.02 \%$ | $0.93 \%$ | $0.47 \%$ | $0.47 \%$ | $0.48 \%$ |
| NM Deposits as Pct of Shares | $1.3 \%$ | $1.1 \%$ | $0.9 \%$ | $0.9 \%$ | $0.9 \%$ | $0.9 \%$ | $0.9 \%$ | $1.1 \%$ | $0.9 \%$ | $0.9 \%$ |
|  |  | $0.9 \%$ |  |  |  |  |  |  |  |  |

Average Margin per Account

| Avg Interest Inc per Loan | $\$ 340$ | $\$ 422$ | $\$ 423$ | $\$ 474$ | $\$ 629$ | $\$ 850$ | $\$ 785$ | $\$ 419$ | $\$ 423$ | $\$ 451$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Less: Avg Int Exp per Share | $\$ 11$ | $\$ 24$ | $\$ 38$ | $\$ 45$ | $\$ 67$ | $\$ 132$ | $\$ 113$ | $\$ 22$ | $\$ 36$ | $\$ 40$ |
| Less: Avg Provisions per Loan | $\$ 12$ | $\$ 18$ | $\$ 15$ | $\$ 21$ | $\$ 41$ | $\$ 116$ | $\$ 95$ | $\$ 17$ | $\$ 16$ | $\$ 19$ |


| Net Operating Profitability- |
| :--- |
| Earning Asset/Funding |
| Non-Int Inc-to-Total Rev |

## Average per Full-time Equivalent

|  |  |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Interest Income | $\$ 43,463$ | $\$ 90,497$ | $\$ 129,978$ | $\$ 134,352$ | $\$ 141,569$ | $\$ 215,628$ | $\$ 195,161$ | $\$ 84,360$ | $\$ 121,977$ | $\$ 127,942$ |

Total Revenue
Compensation \& Benefits Occupancy \& Operations All Other Expenses


| $\$ 20,374$ | $\$ 45,248$ | $\$ 61,238$ | $\$ 65,606$ | $\$ 72,242$ | $\$ 90,232$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| $\$ 13,582$ | $\$ 22,624$ | $\$ 34,040$ | $\$ 34,573$ | $\$ 35,751$ | $\$ 41,695$ |

$\begin{array}{llllll}\$ 8,598 & \$ 16,917 & \$ 31,778 & \$ 35,125 & \$ 32,638 & \$ 38,418\end{array}$
\$261,047
\$84,677
\$39,928

| $\$ 36,858$ | $\$ 15,832$ | $\$ 28,981$ | $\$ 31,943$ | $\$ 32,426$ |
| :--- | :--- | :--- | :--- | :--- |

NCUA Q2-2020
<\$2M $\quad \$ 2-10 \mathrm{M} \quad \$ 10-\$ 50 \mathrm{M} \quad \$ 50-100 \mathrm{M}$ \$100-500M $\quad \$ 500 \mathrm{M}+$
TOTAL
<10M
< $\$ 50 \mathrm{M}$
<\$100M
<\$500M

## Operating Expense Assessment

Expense Ratio Breakdown-
Compensation \& Benefits
Occupancy \& Ops
All Other Expenses
Total Operating Expenses

- Travel and Conference
- Educational and Promo
- Loan Servicing
- Prof and Outside Svcs
- Member Insurance
- Operating Fees
- Miscellaneous

| $1.76 \%$ | $1.78 \%$ | $1.59 \%$ | $1.63 \%$ | $1.77 \%$ | $1.56 \%$ | $1.59 \%$ | $1.78 \%$ | $1.61 \%$ | $1.62 \%$ | $1.73 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $1.17 \%$ | $0.89 \%$ | $0.88 \%$ | $0.86 \%$ | $0.88 \%$ | $0.72 \%$ | $0.75 \%$ | $0.91 \%$ | $0.88 \%$ | $0.87 \%$ | $0.87 \%$ |
| $0.74 \%$ | $0.66 \%$ | $0.82 \%$ | $0.87 \%$ | $0.80 \%$ | $0.66 \%$ | $0.69 \%$ | $0.67 \%$ | $0.81 \%$ | $0.84 \%$ | $0.81 \%$ |
| $3.68 \%$ | $3.33 \%$ | $3.29 \%$ | $3.36 \%$ | $3.44 \%$ | $2.94 \%$ | $3.04 \%$ | $3.35 \%$ | $3.30 \%$ | $3.33 \%$ | $3.41 \%$ |
| $0.02 \%$ | $0.02 \%$ | $0.02 \%$ | $0.03 \%$ | $0.03 \%$ | $0.02 \%$ | $0.02 \%$ | $0.02 \%$ | $0.02 \%$ | $0.02 \%$ | $0.03 \%$ |
| $0.02 \%$ | $0.02 \%$ | $0.06 \%$ | $0.09 \%$ | $0.10 \%$ | $0.11 \%$ | $0.10 \%$ | $0.02 \%$ | $0.06 \%$ | $0.07 \%$ | $0.09 \%$ |
| $0.12 \%$ | $0.11 \%$ | $0.17 \%$ | $0.21 \%$ | $0.23 \%$ | $0.20 \%$ | $0.20 \%$ | $0.11 \%$ | $0.17 \%$ | $0.19 \%$ | $0.22 \%$ |
| $0.33 \%$ | $0.36 \%$ | $0.43 \%$ | $0.45 \%$ | $0.35 \%$ | $0.22 \%$ | $0.25 \%$ | $0.36 \%$ | $0.42 \%$ | $0.44 \%$ | $0.37 \%$ |
| $0.03 \%$ | $0.01 \%$ | $0.00 \%$ | $0.00 \%$ | $0.00 \%$ | $0.00 \%$ | $0.00 \%$ | $0.01 \%$ | $0.00 \%$ | $0.00 \%$ | $0.00 \%$ |
| $0.06 \%$ | $0.03 \%$ | $0.02 \%$ | $0.02 \%$ | $0.02 \%$ | $0.01 \%$ | $0.01 \%$ | $0.03 \%$ | $0.03 \%$ | $0.02 \%$ | $0.02 \%$ |
| $0.18 \%$ | $0.11 \%$ | $0.11 \%$ | $0.07 \%$ | $0.07 \%$ | $0.12 \%$ | $0.11 \%$ | $0.11 \%$ | $0.11 \%$ | $0.09 \%$ | $0.08 \%$ |

Expense as Pct of TotalCompensation \& Benefits Occupancy \& Ops All Other Expenses

- Travel and Conference
- Educational and Promo
- Loan Servicing
- Prof and Outside Svcs
- Member Insurance
- Operating Fees
- Miscellaneous

| $48 \%$ | $53 \%$ | $48 \%$ | $48 \%$ | $51 \%$ | $53 \%$ | $52 \%$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $32 \%$ | $27 \%$ | $27 \%$ | $26 \%$ | $25 \%$ | $24 \%$ | $25 \%$ |
| $20 \%$ | $20 \%$ | $25 \%$ | $26 \%$ | $23 \%$ | $23 \%$ | $23 \%$ |
| $0 \%$ | $0 \%$ | $1 \%$ | $1 \%$ | $1 \%$ | $1 \%$ | $1 \%$ |
| $0 \%$ | $1 \%$ | $2 \%$ | $3 \%$ | $3 \%$ | $4 \%$ | $3 \%$ |
| $3 \%$ | $3 \%$ | $5 \%$ | $6 \%$ | $7 \%$ | $7 \%$ | $7 \%$ |
| $9 \%$ | $11 \%$ | $13 \%$ | $13 \%$ | $10 \%$ | $7 \%$ | $8 \%$ |
| $1 \%$ | $0 \%$ | $0 \%$ | $0 \%$ | $0 \%$ | $0 \%$ | $0 \%$ |
| $2 \%$ | $1 \%$ | $1 \%$ | $1 \%$ | $1 \%$ | $0 \%$ | $0 \%$ |
| $5 \%$ | $3 \%$ | $3 \%$ | $2 \%$ | $2 \%$ | $4 \%$ | $4 \%$ |


| $53 \%$ | $49 \%$ | $49 \%$ | $51 \%$ |
| :---: | :---: | :---: | :---: |
| $27 \%$ | $27 \%$ | $26 \%$ | $26 \%$ |
| $20 \%$ | $24 \%$ | $25 \%$ | $24 \%$ |
| $0 \%$ | $1 \%$ | $1 \%$ | $1 \%$ |
| $1 \%$ | $2 \%$ | $2 \%$ | $3 \%$ |
| $3 \%$ | $5 \%$ | $6 \%$ | $6 \%$ |
| $11 \%$ | $13 \%$ | $13 \%$ | $11 \%$ |
| $0 \%$ | $0 \%$ | $0 \%$ | $0 \%$ |
| $1 \%$ | $1 \%$ | $1 \%$ | $1 \%$ |
| $3 \%$ | $3 \%$ | $3 \%$ | $2 \%$ |

Staffing-

| Total Employees | 489 | 2,505 | 11,485 | 12,633 | 58,997 | 236,611 | 322,720 | 2,994 | 14,479 | 27,112 | 86,109 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Full-time Equivalents | 295 | 1,963 | 10,611 | 11,975 | 56,737 | 230,150 | 311,730 | 2,257 | 12,868 | 24,843 | 81,580 |
| Pct PT Employees | $80 \%$ | $43 \%$ | $15 \%$ | $10 \%$ | $8 \%$ | $5 \%$ | $7 \%$ | $49 \%$ | $22 \%$ | $17 \%$ | $11 \%$ |
| FTE-to-Ops (Staffing) | 2.04 | 0.77 | 0.42 | 0.36 | 0.30 | 0.20 | 0.22 | 0.84 | 0.46 | 0.41 | 0.33 |
| Avg Compensation \& Benef | $\$ 20,374$ | $\$ 45,248$ | $\$ 61,238$ | $\$ 65,606$ | $\$ 72,242$ | $\$ 90,232$ | $\$ 84,677$ | $\$ 42,003$ | $\$ 57,864$ | $\$ 61,596$ | $\$ 69,000$ |

## Membership Outreach-

|  |  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: | :---: |
| Members-to-Potential | $7.1 \%$ | $8.0 \%$ | $3.0 \%$ | $3.1 \%$ | $2.5 \%$ | $3.2 \%$ | $3.0 \%$ | $7.9 \%$ | $3.4 \%$ | $3.2 \%$ |
| Members-to-FTEs | 366 | 408 | 415 | 454 | 345 | 404 | 395 | 402 | 412 | 432 |
| Borrowers-to-Members | $27 \%$ | $38 \%$ | $55 \%$ | $58 \%$ | $55 \%$ | $58 \%$ | $57 \%$ | $37 \%$ | $52 \%$ | $49 \%$ |
| Branches | 367 | 879 | 2,243 | 1,632 | 5,032 | 10,949 | 21,102 | 1,246 | 3,489 | 5,121 |
| Members per Branch | 294 | 910 | 1,962 | 3,329 | 3,887 | 8,488 | 5,840 | 728 | 1,521 | 2,097 |
|  |  |  | 2,984 |  |  |  |  |  |  |  |


| DEMOGRAPHICS |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| No. of Credit Unions | 7,339 | 7,094 | 6,819 | 6,554 | 6,273 | 6,021 | 5,785 | 5,573 | 5,375 | 5,236 | 5,164 |
| Avg Asset Size (\$Mil) | \$124.6 | \$135.6 | \$149.8 | \$162.0 | \$178.9 | \$200.0 | \$223.4 | \$247.4 | \$256.5 | \$277.6 | \$303.4 |
| GROWTH RATES |  |  |  |  |  |  |  |  |  |  |  |
| Total Assets | 3.4\% | 5.2\% | 6.2\% | 3.9\% | 5.7\% | 7.3\% | 7.3\% | 6.7\% | 5.4\% | 7.8\% | 23.3\% |
| Total Loans | -1.4\% | 1.2\% | 4.6\% | 8.0\% | 10.4\% | 10.5\% | 10.4\% | 10.1\% | 9.0\% | 6.2\% | 5.2\% |
| Total Shares | 4.5\% | 5.2\% | 6.1\% | 3.7\% | 4.5\% | 6.9\% | 7.5\% | 6.1\% | 4.4\% | 6.9\% | 21.8\% |
| Net Worth | 5.1\% | 6.8\% | 8.5\% | 7.4\% | 7.5\% | 6.9\% | 7.1\% | 7.3\% | 8.7\% | 8.5\% | 5.2\% |


| BALANCE SHEET ALLOCATION |  | $10.1 \%$ | $10.2 \%$ | $10.4 \%$ | $10.8 \%$ | $11.0 \%$ | $10.9 \%$ | $10.9 \%$ | $11.0 \%$ | $11.3 \%$ | $11.4 \%$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Net Worth Ratio | $10.3 \%$ | $10.5 \%$ |  |  |  |  |  |  |  |  |  |
| Cash \& Inv-to-Assets | $35 \%$ | $37 \%$ | $38 \%$ | $35 \%$ | $32 \%$ | $31 \%$ | $28 \%$ | $26 \%$ | $24 \%$ | $25 \%$ | $31 \%$ |
| Loans-to-Total Assets | $62 \%$ | $59 \%$ | $58 \%$ | $61 \%$ | $63 \%$ | $65 \%$ | $67 \%$ | $69 \%$ | $72 \%$ | $71 \%$ | $65 \%$ |
| Vehicle-to-Total Loans | $11 \%$ | $29 \%$ | $30 \%$ | $31 \%$ | $32 \%$ | $33 \%$ | $34 \%$ | $35 \%$ | $35 \%$ | $34 \%$ | $33 \%$ |
| RELoans-to-Total Loans | $55 \%$ | $55 \%$ | $54 \%$ | $53 \%$ | $51 \%$ | $50 \%$ | $50 \%$ | $49 \%$ | $49 \%$ | $50 \%$ | $51 \%$ |
| RELoans-to-Net Worth | $337 \%$ | $319 \%$ | $300 \%$ | $296 \%$ | $296 \%$ | $302 \%$ | $306 \%$ | $313 \%$ | $313 \%$ | $313 \%$ | $319 \%$ |
| Indirect-to-Total Loans | $13 \%$ | $12 \%$ | $13 \%$ | $14 \%$ | $16 \%$ | $17 \%$ | $19 \%$ | $20 \%$ | $21 \%$ | $21 \%$ | $20 \%$ |
| Loans-to-Shares | $72 \%$ | $69 \%$ | $68 \%$ | $71 \%$ | $75 \%$ | $77 \%$ | $80 \%$ | $83 \%$ | $86 \%$ | $84 \%$ | $76 \%$ |
| Pct of Non-term-Shares | $62 \%$ | $65 \%$ | $67 \%$ | $69 \%$ | $71 \%$ | $72 \%$ | $73 \%$ | $73 \%$ | $72 \%$ | $70 \%$ | $73 \%$ |
| ST Funding Ratio | $16.1 \%$ | $17.3 \%$ | $17.5 \%$ | $14.9 \%$ | $13.7 \%$ | $13.5 \%$ | $13.4 \%$ | $12.4 \%$ | $11.4 \%$ | $12.8 \%$ | $17.6 \%$ |
| Net LT Assets Ratio | $33 \%$ | $32 \%$ | $33 \%$ | $36 \%$ | $34 \%$ | $33 \%$ | $33 \%$ | $34 \%$ | $34 \%$ | $34 \%$ | $33 \%$ |


| LOAN QUALITY \& ADEQUACY OF RESERVES |  |  |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Loan Delinquency Rate | $1.76 \%$ | $1.60 \%$ | $1.16 \%$ | $1.01 \%$ | $0.85 \%$ | $0.81 \%$ | $0.83 \%$ | $0.81 \%$ | $0.71 \%$ | $0.70 \%$ | $0.58 \%$ |
| Net Charge-off Rate | $1.13 \%$ | $0.91 \%$ | $0.73 \%$ | $0.57 \%$ | $0.50 \%$ | $0.48 \%$ | $0.55 \%$ | $0.60 \%$ | $0.58 \%$ | $0.57 \%$ | $0.53 \%$ |
| "Misery" Index | $2.89 \%$ | $2.51 \%$ | $1.89 \%$ | $1.58 \%$ | $1.35 \%$ | $1.29 \%$ | $1.38 \%$ | $1.41 \%$ | $1.29 \%$ | $1.27 \%$ | $1.11 \%$ |
| RE Loan Delinquency | $2.10 \%$ | $2.00 \%$ | $1.38 \%$ | $1.15 \%$ | $0.89 \%$ | $0.75 \%$ | $0.63 \%$ | $0.61 \%$ | $0.54 \%$ | $0.55 \%$ | $0.54 \%$ |
| Veh Loan Delinquency | - | - | - | $0.69 \%$ | $0.67 \%$ | $0.68 \%$ | $0.72 \%$ | $0.70 \%$ | $0.66 \%$ | $0.65 \%$ | $0.47 \%$ |
| -Direct Delinquency | - | - | - | $0.60 \%$ | $0.60 \%$ | $0.64 \%$ | $0.67 \%$ | $0.67 \%$ | $0.64 \%$ | $0.63 \%$ | $0.44 \%$ |
| -Indirect Delinquency | $1.17 \%$ | $0.97 \%$ | $0.77 \%$ | $0.79 \%$ | $0.74 \%$ | $0.72 \%$ | $0.76 \%$ | $0.72 \%$ | $0.67 \%$ | $0.66 \%$ | $0.49 \%$ |
| Loss Allowance Ratio | $1.67 \%$ | $1.55 \%$ | $1.36 \%$ | $1.13 \%$ | $0.98 \%$ | $0.94 \%$ | $0.90 \%$ | $0.92 \%$ | $0.89 \%$ | $0.86 \%$ | $1.00 \%$ |
| Current Loss Exposure | $1.62 \%$ | $1.40 \%$ | $1.05 \%$ | $0.83 \%$ | $0.62 \%$ | $0.53 \%$ | $0.47 \%$ | $0.46 \%$ | $0.48 \%$ | $0.49 \%$ | $0.34 \%$ |


| EARNINGS: |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gross Asset Yield | 4.46\% | 4.04\% | 3.65\% | 3.39\% | 3.38\% | 3.37\% | 3.41\% | 3.55\% | 3.82\% | 4.06\% | 3.67\% |
| Cost of Funds | 1.21\% | 0.93\% | 0.73\% | 0.59\% | 0.54\% | 0.52\% | 0.53\% | 0.57\% | 0.69\% | 0.90\% | 0.79\% |
| Gross Margin | 3.25\% | 3.12\% | 2.92\% | 2.80\% | 2.84\% | 2.85\% | 2.88\% | 2.99\% | 3.13\% | 3.16\% | 2.88\% |
| Provision Expense | 0.78\% | 0.50\% | 0.36\% | 0.26\% | 0.28\% | 0.35\% | 0.41\% | 0.48\% | 0.46\% | 0.43\% | 0.59\% |
| Net Margin | 2.46\% | 2.62\% | 2.56\% | 2.53\% | 2.56\% | 2.50\% | 2.48\% | 2.51\% | 2.66\% | 2.73\% | 2.29\% |
| Non-Interest Income | 1.33\% | 1.30\% | 1.43\% | 1.38\% | 1.31\% | 1.34\% | 1.37\% | 1.33\% | 1.38\% | 1.35\% | 1.24\% |
| Non-Interest Expense | 3.07\% | 3.06\% | 3.10\% | 3.10\% | 3.11\% | 3.12\% | 3.10\% | 3.08\% | 3.14\% | 3.20\% | 3.04\% |
| Net Operating Exp | 1.74\% | 1.76\% | 1.67\% | 1.72\% | 1.80\% | 1.77\% | 1.73\% | 1.75\% | 1.77\% | 1.85\% | 1.80\% |
| Net Operating Return | 0.72\% | 0.86\% | 0.89\% | 0.82\% | 0.76\% | 0.73\% | 0.74\% | 0.76\% | 0.90\% | 0.88\% | 0.50\% |
| Non-recurring Inc(Exp) | -0.22\% | -0.19\% | -0.04\% | -0.04\% | 0.04\% | 0.02\% | 0.02\% | 0.02\% | 0.02\% | 0.06\% | 0.03\% |
| Net Income (ROA) | 0.50\% | 0.67\% | 0.85\% | 0.78\% | 0.80\% | 0.75\% | 0.76\% | 0.78\% | 0.92\% | 0.94\% | 0.53\% |


| Return on Net Worth | $5.1 \%$ | $6.6 \%$ | $8.3 \%$ | $7.3 \%$ | $7.3 \%$ | $6.8 \%$ | $7.0 \%$ | $7.1 \%$ | $7.9 \%$ | $7.9 \%$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

# Meridian Economics <br> Trusted Insight, Effective Solutions <br> CREITITJNION PRELR <br> [j] 

Historical Year-End
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019

## OPERATING EFFICIENCIES:

## Core Activities-

Earning Asset Allocation and Return

| Avg Loan Yield, net | 4.82\% | 4.94\% | 4.81\% | 4.57\% | 4.33\% | 4.10\% | 3.95\% | 3.85\% | 4.24\% | 4.49\% | 4.24\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Loans as Pct of Assets | 62\% | 59\% | 58\% | 61\% | 63\% | 65\% | 67\% | 69\% | 72\% | 71\% | 65\% |
| Avg Loan Balance | \$12,483 | \$12,565 | \$12,565 | \$12,795 | \$13,203 | \$13,707 | \$14,246 | \$14,807 | \$15,300 | \$15,668 | \$16,262 |
| Avg Loan Rate | 6.06\% | 5.76\% | 5.42\% | 5.01\% | 4.79\% | 4.64\% | 4.56\% | 4.56\% | 4.70\% | 4.92\% | 4.83\% |
| Avg Loan Yield, net | 4.82\% | 4.94\% | 4.81\% | 4.57\% | 4.33\% | 4.10\% | 3.95\% | 3.85\% | 4.24\% | 4.49\% | 4.24\% |

Paying Funds Allocation and Return

|  |  |  |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NonTerm as Pct of Shares | $62 \%$ | $65 \%$ | $67 \%$ | $69 \%$ | $71 \%$ | $72 \%$ | $73 \%$ | $73 \%$ | $72 \%$ | $70 \%$ |
| Cost of Funds | $1.21 \%$ | $0.93 \%$ | $0.73 \%$ | $0.59 \%$ | $0.54 \%$ | $0.52 \%$ | $0.53 \%$ | $0.57 \%$ | $0.69 \%$ | $0.90 \%$ |
| Avg Share Balance | $\$ 8,691$ | $\$ 9,011$ | $\$ 9,353$ | $\$ 9,454$ | $\$ 9,580$ | $\$ 9,891$ | $\$ 10,225$ | $\$ 10,415$ | $\$ 10,499$ | $\$ 10,963$ |
| Avg | $\$ 12,185$ |  |  |  |  |  |  |  |  |  |
| Avg Share Rate | $1.41 \%$ | $1.08 \%$ | $0.85 \%$ | $0.69 \%$ | $0.63 \%$ | $0.61 \%$ | $0.62 \%$ | $0.67 \%$ | $0.82 \%$ | $1.06 \%$ |
| NM Deposit Ratio | $0.3 \%$ | $0.3 \%$ | $0.3 \%$ | $0.3 \%$ | $0.5 \%$ | $0.7 \%$ | $0.8 \%$ | $0.9 \%$ | $1.0 \%$ | $1.0 \%$ |
| N |  |  |  | $0.9 \%$ |  |  |  |  |  |  |

Average Margin per Account

| Avg Interest Inc per Loan | $\$ 602$ | $\$ 620$ | $\$ 604$ | $\$ 585$ | $\$ 572$ | $\$ 562$ | $\$ 562$ | $\$ 571$ | $\$ 649$ | $\$ 703$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Less: Avg Int Exp per Share | $\$ 123$ | $\$ 97$ | $\$ 79$ | $\$ 65$ | $\$ 61$ | $\$ 61$ | $\$ 64$ | $\$ 70$ | $\$ 86$ | $\$ 117$ |

Operating Expenses-

| C\&B Expense Ratio | 1.56\% | 1.54\% | 1.56\% | 1.56\% | 1.56\% | 1.58\% | 1.58\% | 1.58\% | 1.60\% | 1.65\% | 1.59\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pct of Total Op Exp | 51\% | 50\% | 50\% | 51\% | 50\% | 51\% | 51\% | 51\% | 51\% | 51\% | 52\% |
| Avg C\&B per FTE | \$59,466 | \$61,304 | \$63,493 | \$65,040 | \$66,286 | \$68,882 | \$70,992 | \$72,887 | \$75,425 | \$79,757 | \$84,677 |
| Occ \& Ops Exp Ratio | 0.83\% | 0.81\% | 0.81\% | 0.80\% | 0.81\% | 0.80\% | 0.79\% | 0.77\% | 0.79\% | 0.79\% | 0.75\% |
| Pct of Total Op Exp | 27\% | 27\% | 26\% | 26\% | 26\% | 26\% | 25\% | 25\% | 25\% | 25\% | 25\% |
| Avg O\&O per FTE | \$31,673 | \$32,254 | \$32,739 | \$33,137 | \$34,226 | \$34,697 | \$35,356 | \$35,717 | \$37,234 | \$38,481 | \$39,928 |
| All Other Exp Ratio | 0.69\% | 0.70\% | 0.74\% | 0.73\% | 0.74\% | 0.74\% | 0.74\% | 0.74\% | 0.74\% | 0.70\% | 0.69\% |
| Pct of Total Op Exp | 22\% | 23\% | 24\% | 24\% | 24\% | 24\% | 24\% | 24\% | 23\% | 22\% | 23\% |
| Avg AOE per FTE | \$26,233 | \$27,857 | \$29,849 | \$30,526 | \$31,548 | \$32,177 | \$33,383 | \$34,022 | \$34,678 | \$36,867 | \$36,858 |

Staffing-

| Full-time Equivalents | 235,312 | 236,282 | 244,232 | 250,570 | 257,263 | 267,023 | 277,354 | 288,889 | 300,183 | 311,819 | 311,730 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Pct PT Employees | $12 \%$ | $12 \%$ | $12 \%$ | $12 \%$ | $11 \%$ | $10 \%$ | $9 \%$ | $9 \%$ | $8 \%$ | $7 \%$ | $7 \%$ |
| FTE-to-Ops (Staffing) | 0.36 | 0.35 | 0.34 | 0.33 | 0.30 | 0.28 | 0.27 | 0.26 | 0.24 | 0.24 | 0.22 |

Membership Outreach-

| Members-to-Potential | $6.1 \%$ | $6.0 \%$ | $5.8 \%$ | $5.6 \%$ | $5.4 \%$ | $5.0 \%$ | $4.3 \%$ | $4.0 \%$ | $3.4 \%$ | $3.0 \%$ | $3.0 \%$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Members-to-FTEs | 385 | 389 | 384 | 384 | 386 | 384 | 385 | 385 | 387 | 386 | 395 |
| Branches | 21,449 | 21,458 | 20,576 | 20,622 | 20,662 | 20,659 | 20,691 | 20,713 | 20,983 | 21,130 | 21,102 |
| Members per Branch | 4,219 | 4,279 | 4,562 | 4,668 | 4,803 | 4,970 | 5,163 | 4,394 | 5,537 | 5,697 | 5,840 |

