| MERIDIAN ECONOMICS <br> Trusted Insight, Effective Solutions |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| NCUA Q1-2018 | <\$2M | \$2-10M | \$10-\$50M | \$50-100M | \$100-500M | \$500M+ | TOTAL | <10M | <\$50M | <\$100M | <\$500M |
| DEMOGRAPHICS |  |  |  |  |  |  |  |  |  |  |  |
| No. of Credit Unions | 458 | 1,028 | 1,761 | 704 | 1,040 | 539 | 5,530 | 1,486 | 3,247 | 3,951 | 4,991 |
| Avg Asset Size (\$Mil) | \$0.9 | \$5.8 | \$25.1 | \$71.9 | \$220.5 | \$1,944.9 | \$249.3 | \$4.3 | \$15.6 | \$25.6 | \$66.2 |
| Pct of Credit Unions | 8\% | 19\% | 32\% | 13\% | 19\% | 10\% | 100\% | 27\% | 59\% | 71\% | 90\% |
| Pct of Industry Assets | 0\% | 0\% | 3\% | 4\% | 17\% | 76\% | 100\% | 0\% | 4\% | 7\% | 24\% |
| GROWTH RATES |  |  |  |  |  |  |  |  |  |  |  |
| Total Assets | -22.2\% | -12.3\% | -0.1\% | -0.7\% | 8.0\% | 12.7\% | 10.9\% | -12.9\% | -1.7\% | -1.2\% | 5.2\% |
| Total Loans | -42.9\% | -24.0\% | -12.2\% | -10.2\% | -0.6\% | 8.7\% | 6.1\% | -25.2\% | -13.8\% | -11.9\% | -3.6\% |
| Total Shares | -17.1\% | -9.4\% | 0.8\% | 0.6\% | 9.1\% | 14.8\% | 12.8\% | -9.9\% | -0.6\% | 0.0\% | 6.3\% |
| Net Worth | -25.4\% | -18.2\% | -4.1\% | -7.1\% | 3.7\% | 10.9\% | 8.2\% | -18.8\% | -6.3\% | -6.7\% | 0.3\% |
| BALANCE SHEET ALLOCATION AND QUALITY |  |  |  |  |  |  |  |  |  |  |  |
| Net Worth Ratio | 18.0\% | 15.0\% | 12.3\% | 11.4\% | 10.9\% | 10.8\% | 10.9\% | 15.2\% | 12.6\% | 12.0\% | 11.3\% |
| Cash \& Inv-to-Assets | 54\% | 50\% | 47\% | 40\% | 30\% | 25\% | 27\% | 51\% | 47\% | 44\% | 34\% |
| Loans-to-Total Assets | 45\% | 48\% | 50\% | 56\% | 65\% | 71\% | 69\% | 48\% | 50\% | 53\% | 61\% |
| Vehicle-to-Total Loans | 58\% | 60\% | 46\% | 42\% | 39\% | 34\% | 35\% | 60\% | 48\% | 45\% | 40\% |
| RELoans-to-Total Loans | 2\% | 5\% | 23\% | 28\% | 30\% | 37\% | 36\% | 5\% | 21\% | 24\% | 29\% |
| RELoans-to-Net Worth | 3\% | 17\% | 93\% | 134\% | 180\% | 246\% | 224\% | 16\% | 82\% | 107\% | 157\% |
| Indirect-to-Total Loans | 0\% | 0\% | 5\% | $12 \%$ | 19\% |  |  |  | $4 \%$ | $8 \%$ | 16\% |
| Loans-to-Shares | 56\% | 57\% | 57\% | 63\% | 74\% | 84\% | 81\% | 57\% | 57\% | 60\% | 70\% |
| Pct of Non-term-Shares | 91\% | 85\% | 81\% | 78\% | 76\% | 73\% | 74\% | 85\% | 81\% | 80\% | 77\% |
| ST Funding Ratio | 40.6\% | 31.0\% | 24.9\% | 20.7\% | 15.8\% | 12.4\% | 13.7\% | 25.6\% | 23.2\% | 18.0\% | 13.7\% |
| Net LT Assets Ratio | 4.5\% | 9.2\% | 20.0\% | 25.2\% | 31.1\% | 35.4\% | 33.7\% | 18.7\% | 22.0\% | 28.3\% | 33.7\% |
| LOAN QUALITY |  |  |  |  |  |  |  |  |  |  |  |
| Loan Delinquency Rate | 3.10\% | 1.56\% | 0.96\% | 0.82\% | 0.76\% | 0.62\% | 0.66\% | 1.03\% | 0.92\% | 0.80\% | 0.66\% |
| Net Charge-off Rate | 1.34\% | 0.61\% | 0.44\% | 0.52\% | 0.56\% | 0.61\% | 0.60\% | 0.46\% | 0.49\% | 0.54\% | 0.60\% |
| "Misery" Index | 4.44\% | 2.17\% | 1.40\% | 1.34\% | 1.32\% | 1.23\% | 1.26\% | 1.49\% | 1.41\% | 1.34\% | 1.25\% |
| RE Loan Delinquency | 2.99\% | 1.59\% | 0.85\% | 0.70\% | 0.57\% | 0.40\% | 0.43\% | 1.61\% | 0.87\% | 0.77\% | 0.61\% |
| Veh Loan Delinquency | 3.10\% | 1.41\% | 0.89\% | 0.75\% | 0.65\% | 0.50\% | 0.55\% | 1.51\% | 0.99\% | 0.88\% | 0.72\% |
| Direct Delinquency | 3.10\% | 1.41\% | 0.87\% | 0.70\% | 0.57\% | 0.44\% | 0.52\% | 1.51\% | 0.98\% | 0.87\% | 0.69\% |
| Indirect Delinquency | 0.00\% | 0.85\% | 1.11\% | 0.86\% | 0.74\% | 0.53\% | 0.57\% | 0.85\% | 1.11\% | 0.92\% | 0.76\% |
| Loss Allowance Ratio | 2.69\% | 1.35\% | 0.90\% | 0.82\% | 0.93\% | 0.93\% | 0.93\% | 1.44\% | 0.96\% | 0.89\% | 0.92\% |
| EARNINGS: |  |  |  |  |  |  |  |  |  |  |  |
| Gross Asset Yield | 3.77\% | 3.67\% | 3.37\% | 3.42\% | 3.56\% | 3.67\% | 3.63\% | 3.68\% | 3.41\% | 3.41\% | 3.52\% |
| Cost of Funds | 0.47\% | 0.32\% | 0.30\% | 0.32\% | 0.41\% | 0.67\% | 0.60\% | 0.33\% | 0.30\% | 0.31\% | 0.38\% |
| Gross Margin | 3.29\% | 3.36\% | 3.07\% | 3.10\% | 3.15\% | 3.00\% | 3.03\% | 3.35\% | 3.11\% | 3.10\% | 3.14\% |
| Provision Expense | 0.66\% | 0.36\% | 0.22\% | 0.27\% | 0.35\% | 0.53\% | 0.48\% | 0.38\% | 0.24\% | 0.26\% | 0.32\% |
| Net Margin | 2.63\% | 3.00\% | 2.85\% | 2.82\% | 2.80\% | 2.47\% | 2.55\% | 2.97\% | 2.86\% | 2.84\% | 2.81\% |
| Non-Interest Income | 0.98\% | 0.62\% | 0.98\% | 1.26\% | 1.47\% | 1.43\% | 1.41\% | 0.65\% | 0.94\% | 1.10\% | 1.36\% |
| Non-Interest Expense | 4.23\% | 3.71\% | 3.50\% | 3.59\% | 3.64\% | 2.91\% | 3.08\% | 3.75\% | 3.53\% | 3.56\% | 3.61\% |
| Net Operating Exp | 3.25\% | 3.09\% | 2.51\% | 2.33\% | 2.17\% | 1.48\% | 1.67\% | 3.10\% | 2.59\% | 2.46\% | 2.26\% |
| Non-recurring $\operatorname{Inc}($ Exp $)$ | 0.00\% | 0.02\% | 0.01\% | 0.01\% | 0.01\% | 0.00\% | 0.00\% | 0.02\% | 0.01\% | 0.01\% | 0.01\% |
| Net Income (ROA) | -0.62\% | -0.07\% | 0.34\% | 0.50\% | 0.65\% | 0.99\% | 0.89\% | -0.11\% | 0.29\% | 0.39\% | 0.57\% |
| Return on Net Worth | -3.6\% | -0.1\% | 3.0\% | 4.6\% | 6.2\% | 9.1\% | 8.1\% | -0.4\% | 2.5\% | 3.5\% | 5.3\% |
| COST EFFICIENCIES: |  |  |  |  |  |  |  |  |  |  |  |
| Non-Int Inc-to-Total Rev | 21\% | 15\% | 23\% | 27\% | 29\% | 28\% | 28\% | 15\% | 22\% | 24\% | 28\% |
| Avg Revenue per FTE | \$48,010 | \$101,058 | \$151,177 | \$164,813 | \$184,200 | \$274,818 | \$242,421 | \$93,455 | \$140,451 | \$152,099 | \$173,880 |
| Avg Loan Balance | \$4,633 | \$6,886 | \$9,027 | \$10,024 | \$12,956 | \$16,239 | \$15,037 | \$6,738 | \$8,748 | \$9,419 | \$12,016 |
| Avg Loan Rate | 7.11\% | 6.22\% | 5.33\% | 5.03\% | 4.73\% | 4.52\% | 4.59\% | 6.28\% | 5.44\% | 5.23\% | 4.86\% |
| Avg Loan Yield, net | 6.45\% | 5.87\% | 5.11\% | 4.76\% | 4.38\% | 3.99\% | 4.11\% | 5.90\% | 5.20\% | 4.97\% | 4.54\% |
| Avg Share Balance | \$2,375 | \$4,751 | \$7,281 | \$8,281 | \$9,318 | \$11,535 | \$10,676 | \$4,465 | \$6,772 | \$7,456 | \$8,666 |
| Avg Share Rate | 0.58\% | 0.38\% | 0.34\% | 0.37\% | 0.47\% | 0.80\% | 0.71\% | 0.39\% | 0.35\% | 0.36\% | 0.44\% |
| NM Deposit Ratio | 2.70\% | 1.05\% | 0.81\% | 0.79\% | 1.06\% | 0.83\% | 0.87\% | 1.2\% | 0.9\% | 0.8\% | 1.0\% |
| Full-time Equivalents | 417 | 2,493 | 12,748 | 14,344 | 63,323 | 197,456 | 290,779 | 2,910 | 15,658 | 30,001 | 93,324 |
| Pct PT Employees | 77\% | 41\% | 16\% | 12\% | 9\% | 7\% | 8\% | 47\% | 23\% | 18\% | 12\% |
| FTE-to-Ops (Staffing) | 2.22 | 0.80 | 0.46 | 0.40 | 0.33 | 0.22 | 0.25 | 0.88 | 0.50 | 0.45 | 0.36 |
| C\&B Expense Ratio | 1.90\% | 1.89\% | 1.67\% | 1.74\% | 1.84\% | 1.53\% | 1.59\% | 1.89\% | 1.70\% | 1.72\% | 1.80\% |
| Pct of Total Op Exp | 45\% | 51\% | 48\% | 48\% | 51\% | 53\% | 52\% | 50\% | 48\% | 48\% | 50\% |
| Avg C\&B per FTE | \$19,185 | \$44,343 | \$58,080 | \$61,324 | \$67,350 | \$82,491 | \$76,662 | \$40,737 | \$54,857 | \$57,949 | \$64,328 |
| Occ \& Ops Exp Ratio | 1.27\% | 0.96\% | 0.93\% | 0.91\% | 0.95\% | 0.72\% | 0.77\% | 0.98\% | 0.94\% | 0.92\% | 0.94\% |
| Pct of Total Op Exp | 30\% | 26\% | 27\% | 25\% | 26\% | 25\% | 25\% | 26\% | 27\% | 26\% | 26\% |
| Avg O\&O per FTE | \$42,270 | \$37,130 | \$34,990 | \$35,876 | \$36,376 | \$29,111 | \$30,783 | \$37,475 | \$35,299 | \$35,588 | \$36,136 |
| All Other Exp Ratio | 0.27\% | 0.22\% | 0.22\% | 0.24\% | 0.21\% | 0.17\% | 0.18\% | 0.22\% | 0.22\% | 0.23\% | 0.22\% |
| Pct of Total Op Exp | 25\% | 23\% | 25\% | 26\% | 23\% | 23\% | 23\% | 23\% | 25\% | 26\% | 24\% |
| Avg AOE per FTE | \$10,753 | \$20,349 | \$30,938 | \$33,269 | \$31,111 | \$35,708 | \$34,207 | \$18,974 | \$28,715 | \$30,892 | \$31,040 |

## MERIDIAN ECONOMICS <br> Trusted Insight, Effective Solutions <br> <br> cribdit union priar stats

 <br> <br> cribdit union priar stats}| 2015 | 2016 | 2017 | 2018 |
| :---: | :---: | :---: | :---: |
| ,021 | 5,785 | 5,573 | 5,530 |
| 200.0 | \$223.4 | \$247.4 | \$249.3 |
| 7.3\% | 7.3\% | 6.7\% | 10.9\% |
| 0.5\% | 10.4\% | 10.1\% | 6.1\% |
| 6.9\% | 7.5\% | 6.1\% | 12.8\% |
| 6.9\% | 7.1\% | 7.3\% | 8.2\% |


| Net Worth Ratio | 10.6\% | 9.9\% | 10.1\% | 102\% |  | 108\% | 110\% |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \& | 27\% | 32\% | 35\% | 37\% | 38\% | 35\% | 32\% |  |  |  |  |
| Loans-to-Total Assets | 70\% | 65\% | 62\% | 59\% | 58\% | 61\% | 63\% | 65\% | 67\% | 69\% | 69\% |
| Vehicle-to-Total Loans | 31\% | 30\% | 11\% | 29\% | 30\% | 31\% | 32\% | 33\% | 34\% | 35\% | 35\% |
| RELoans-to-Total Loans | 54\% | 54\% | 55\% | 55\% | 54\% | 53\% | 51\% | 50\% | 50\% | 49\% | 36\% |
| RELoans-to-Net Worth | 354\% | 354\% | 337\% | 319\% | 300\% | 296\% | 296\% | 302\% | 306\% | 313 | 224 |
| Indirect-to-Total Loans | 13\% | 13\% | 13\% | 12\% | 13\% | 14\% | 16\% | 17\% | 19\% | 20\% | 21\% |
| Loans-to-Shares | 83\% | 76\% | 72\% | 69\% | 68\% | 71\% | 75\% | 77\% | 80\% | 83\% | 81\% |
| Pct of Non-term-Shares | 56\% | 59\% | 62\% | 65\% | 67\% | 69\% | 71\% | 72\% | 73\% | 73\% | 74\% |
| ST Funding Ratio | 14.7\% | 16.8\% | 16.1\% | 17.3\% | 17.5\% | 14.9\% | 13.7\% | 13.5\% | 13.4\% | 12.4\% | 13.7\% |
| Net LT Assets Ratio | 32\% | 32\% | 33\% | 32\% | 33\% | 36\% | 34\% | 33\% | 33\% | 34\% | 34\% |
| LOAN QUALITY |  |  |  |  |  |  |  |  |  |  |  |
| Loan Delinquency Rate | 1.38\% | 1.64\% | 1.76\% | 1.60\% | 1.16\% | 1.01\% | 0.85\% | 0.81\% | 0.83\% | 0.81\% | 0.66\% |
| Net Charge-off Rate | 0.85\% | 1.21\% | 1.13\% | 0.91\% | 0.73\% | 0.57\% | 0.50\% | 0.48\% | 0.55\% | 0.60\% | 0.60\% |
| "Misery" Index | 2.23\% | 2.85\% | 2.89\% | 2.51\% | 1.89\% | 1.58\% | 1.35\% | 1.29\% | 1.38\% | 1.41\% | 1.26\% |
| RE Loan Delinquency | 1.20\% | 2.00\% | 2.10\% | 2.00\% | 1.38\% | 1.15\% | 0.89\% | 0.75\% | 0.63\% | 0.61\% | 0.43\% |
| Veh Loan Delinquency |  |  |  |  |  | 0.69\% | 0.67\% | 0.68\% | 0.72\% | 0.70\% | 0.55\% |
| Direct Delinquency |  |  |  |  |  | 0.60\% | 0.60\% | 0.64\% | 0.67\% | 0.67\% | 0.52\% |
| Indirect Delinquency | 1.56\% | 1.47\% | 1.17\% | 0.97\% | 0.77\% | 0.79\% | 0.74\% | 0.72\% | 0.76\% | 0.72\% | 0.57\% |
| Loss Allowance Ratio | 1.10\% | 1.51\% | 1.67\% | 1.55\% | 1.36\% | 1.13\% | 0.98\% | 0.94\% | 0.90\% | 0.92\% | 0.93\% |
| EARNINGS: |  |  |  |  |  |  |  |  |  |  |  |
| Gross Asset Yield | 5.61\% | 4.95\% | 4.46\% | 4.04\% | 3.65\% | 3.39\% | 3.38\% | 3.37\% | 3.41\% | 3.55\% | 3.63\% |
| Cost of Funds | 2.44\% | 1.74\% | 1.21\% | 0.93\% | 0.73\% | 0.59\% | 0.54\% | 0.52\% | 0.53\% | 0.57\% | 0.60\% |
| Gross Margin | 3.17\% | 3.21\% | 3.25\% | 3.12\% | 2.92\% | 2.80\% | 2.84\% | 2.85\% | 2.88\% | 2.99\% | 3.03\% |
| Provision Expense | 0.90\% | 1.13\% | 0.78\% | 0.50\% | 0.36\% | 0.26\% | 0.28\% | 0.35\% | 0.41\% | 0.48\% | 0.48\% |
| Net Margin | 2.27\% | 2.08\% | 2.46\% | 2.62\% | 2.56\% | 2.53\% | 2.56\% | 2.50\% | 2.48\% | 2.51\% | 2.55\% |
| Non-Interest Income | 1.34\% | 1.36\% | 1.33\% | 1.30\% | 1.43\% | 1.38\% | 1.31\% | 1.34\% | 1.37\% | 1.33\% | 1.41\% |
| Non-Interest Expense | 3.60\% | 3.18\% | 3.07\% | 3.06\% | 3.10\% | 3.10\% | 3.11\% | 3.12\% | 3.10\% | 3.08\% | 3.08\% |
| Net Operating Exp | 2.25\% | 1.83\% | 1.74\% | 1.76\% | 1.67\% | 1.72\% | 1.80\% | 1.77\% | 1.73\% | 1.75\% | 1.67\% |
| Non-recurring Inc(Exp) | -0.07\% | -0.08\% | -0.22\% | -0.19\% | -0.04\% | -0.04\% | 0.04\% | 0.02\% | 0.02\% | 0.02\% | 0.00\% |
| Net Income (ROA) | -0.05\% | 0.18\% | 0.50\% | 0.67\% | 0.85\% | 0.78\% | 0.80\% | 0.75\% | 0.76\% | 0.78\% | 0.89\% |
| Return on Net Worth | -0.5\% | 1.7\% | 5.1\% | 6.6\% | 8.3\% | 7.3\% | 7.3\% | 6.8\% | 7.0\% | 7.1\% | 8.1\% |

## COST EFFICIENCIES:

| Non-Int Inc-to-Total Rev | 19\% | 21\% | 23\% | 24\% | 28\% | 29\% | 28\% | 29\% | 29\% | 27\% | 28\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Avg Revenue per FTE | \$229,198 | \$227,759 | \$221,213 | \$212,014 | \$206,435 | \$198,240 | \$199,065 | \$205,357 | \$215,151 | \$225,888 | \$242,421 |
| Avg Loan Balance | \$12,575 | \$12,487 | \$12,483 | \$12,565 | \$12,565 | \$12,795 | \$13,203 | \$13,707 | \$14,246 | \$14,807 | \$15,037 |
| Avg Loan Rate | 6.61\% | 6.28\% | 6.06\% | 5.76\% | 5.42\% | 5.01\% | 4.79\% | 4.64\% | 4.56\% | 4.56\% | 4.59\% |
| Avg Loan Yield, net | 5.33\% | 4.60\% | 4.82\% | 4.94\% | 4.81\% | 4.57\% | 4.33\% | 4.10\% | 3.95\% | 3.85\% | 4.11\% |
| Avg Share Balance | \$7,690 | \$8,375 | \$8,691 | \$9,011 | \$9,353 | \$9,454 | \$9,580 | \$9,891 | \$10,225 | \$10,415 | \$10,676 |
| Avg Share Rate | 2.91\% | 2.06\% | 1.41\% | 1.08\% | 0.85\% | 0.69\% | 0.63\% | 0.61\% | 0.62\% | 0.67\% | 0.71\% |
| NM Deposit Ratio | 0.4\% | 0.3\% | 0.3\% | 0.3\% | 0.3\% | 0.3\% | 0.5\% | 0.7\% | 0.8\% | 0.9\% | 0.9\% |
| Full-time Equivalents | 237,655 | 234,915 | 235,312 | 236,282 | 244,232 | 250,570 | 257,263 | 267,023 | 277,354 | 288,889 | \$290,779 |
| Pct PT Employees | 13\% | 12\% | 12\% | 12\% | 12\% | 12\% | 11\% | 10\% | 9\% | 9\% | 8\% |
| FTE-to-Ops (Staffing) | 0.37 | 0.36 | 0.36 | 0.35 | 0.34 | 0.33 | 0.30 | 0.28 | 0.27 | 0.26 | 0.25 |
| C\&B Expense Ratio | 1.70\% | 1.61\% | 1.56\% | 1.54\% | 1.56\% | 1.56\% | 1.56\% | 1.58\% | 1.58\% | 1.58\% | 1.59\% |
| Pct of Total Op Exp | 47\% | 51\% | 51\% | 50\% | 50\% | 51\% | 50\% | 51\% | 51\% | 51\% | 52\% |
| Avg C\&B per FTE | \$55,892 | \$58,264 | \$59,466 | \$61,304 | \$63,493 | \$65,040 | \$66,286 | \$68,882 | \$70,992 | \$72,887 | \$76,662 |
| Occ \& Ops Exp Ratio | 0.92\% | 0.87\% | 0.83\% | 0.81\% | 0.81\% | 0.80\% | 0.81\% | 0.80\% | 0.79\% | 0.77\% | 0.77\% |
| Pct of Total Op Exp | 26\% | 27\% | 27\% | 27\% | 26\% | 26\% | 26\% | 26\% | 25\% | 25\% | 25\% |
| Avg O\&O per FTE | \$30,283 | \$31,403 | \$31,673 | \$32,254 | \$32,739 | \$33,137 | \$34,226 | \$34,697 | \$35,356 | \$35,717 | \$30,783 |
| All Other Exp Ratio | 0.98\% | 0.70\% | 0.69\% | 0.70\% | 0.74\% | 0.73\% | 0.74\% | 0.74\% | 0.74\% | 0.74\% | 0.18\% |
| Pct of Total Op Exp | 27\% | 22\% | 22\% | 23\% | 24\% | 24\% | 24\% | 24\% | 24\% | 24\% | 23\% |
| Avg AOE per FTE | \$32,328 | \$25,273 | \$26,233 | \$27,857 | \$29,849 | \$30,526 | \$31,548 | \$32,177 | \$33,383 | \$34,022 | \$34,207 |

