MERIDIAN ECONOMICS Trusted Insight, Effective Solutions



NCUA Q3-2020	<\$2M	\$2-10M	\$10-\$50M	\$50-100M	\$100-500M	\$500M+	TOTAL	<10M	<\$50M	<\$100M	<\$500M
DEMOGRAPHICS											
No. of Credit Unions	366	833	1,561	674	1,063	636	5,133	1,199	2,760	3,434	4,497
Avg Asset Size (\$Mil)	\$0.949	\$6.2	\$26.4	\$72.0	\$214.3	\$1,955.4	\$305.2	\$4.6	\$16.9	\$27.8	\$71.8
Pct of Credit Unions	7%	16%	30%	13%	21%	12%	100%	23%	54%	67%	88%
Pct of Industry Assets	0.0%	0.3%	2%	3%	13%	82%	100%	0%	3%	5%	18%
GROWTH RATES											
Total Assets	-8.4%	-13.2%	-3.8%	-0.5%	4.7%	22.9%	18.7%	-12.9%	-4.8%	-2.6%	2.6%
Total Loans	-26.5%	-26.7%	-19.4%	-14.7%	-9.2% 5.7%	9.7%	5.8%	-26.7%	-20.3%	-17.3%	-11.3%
Total Shares Net Worth	-5.8% -14.6%	-10.1% -19.1%	-2.0% -12.7%	0.6% -9.2%	5.7% -6.2%	21.4% 10.0%	17.8% 6.1%	-9.8% -18.7%	-2.9% -13.6%	-1.1% -11.5%	3.7% -7.9%
Net worth	-14.070	-13.1/0	-12.770	-9.270	-0.270	10.070	0.170	-10.7/0	-15.0%	-11.3/0	-7.570
BALANCE SHEET ALLOCATION											
Net Worth Ratio	18.2%	15.5%	12.3%	11.5%	10.7%	10.3%	10.4%	15.7%	12.7%	12.1%	11.1%
Cash & Inv-to-Assets Loans-to-Total Assets	57% 42%	52% 46%	50% 47%	43% 52%	34% 61%	30% 66%	31% 65%	53% 46%	50% 47%	46% 50%	38% 58%
Vehicle-to-Total Loans	61%	64%	49%	43%	38%	31%	33%	64%	51%	46%	40%
RELoans-to-Total Loans	1%	8%	30%	39%	46%	53%	51%	7%	27%	34%	43%
RELoans-to-Net Worth	2%	22%	114%	179%	260%	342%	319%	21%	101%	140%	222%
Indirect-to-Total Loans	0%	0%	4%	11%	17%	21%	20%	0%	4%	8%	15%
Loans-to-Shares Pct of Non-term-Shares	52% 92%	55% 85%	54% 82%	60% 80%	69% 77%	78% 73%	76% 74%	55% 85%	54% 82%	57% 81%	66% 78%
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ST Funding Ratio Net LT Assets Ratio	47.2% 3.2%	37.9% 39.6%	31.3% 17.4%	26.6% 23.3%	20.1% 29.7%	15.9% 35.7%	17.2% 34.1%	32.0% 19.9%	29.3% 21.6%	22.8% 27.3%	17.3% 34.0%
Leverage Ratio	1.6%	1.2%	0.8%	23.3% 1.2%	1.8%	4.6%	4.0%	19.9%	0.9%	1.0%	1.6%
Solvency Ratio	122.4%	118.4%	114.1%	113.1%	112.1%	112.3%	112.3%	118.7%	114.6%	113.8%	112.6%
LOAN QUALITY AND ADEQUACY OF RES	ERVES										
Loan Delinquency Rate	3.16%	1.48%	0.86%	0.69%	0.57%	0.53%	0.54%	0.93%	0.80%	0.63%	0.55%
Net Charge-off Rate	0.56%	0.51%	0.34%	0.35%	0.35%	0.51%	0.48%	0.36%	0.35%	0.35%	0.48%
"Misery" Index	3.72%	1.99%	1.20%	1.04%	0.92%	1.04%	1.02%	1.29%	1.15%	0.98%	1.03%
RE Loan Delinquency	1.04%	1.46%	0.83%	0.65%	0.55%	0.50%	0.52%	1.46%	0.85%	0.72%	0.58%
Veh Loan Delinquency	2.47%	1.33%	0.79%	0.61%	0.48%	0.41%	0.44%	1.40%	0.87%	0.74%	0.55%
- Direct Delinquency - Indirect Delinquency	2.47% 0.00%	1.33% 0.50%	0.77% 1.02%	0.57% 0.72%	0.41% 0.57%	0.33% 0.45%	0.39% 0.47%	1.40% 0.50%	0.86% 1.02%	0.73% 0.79%	0.53% 0.60%
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Loss Allowance Ratio Current Loss Exposure	3.05% 1.59%	1.43% 0.80%	0.91% 0.52%	0.84% 0.45%	0.82% 0.40%	1.14% 0.36%	1.09% 0.37%	1.52% 0.85%	0.97% 0.55%	0.90% 0.50%	0.84% 0.42%
EARNINGS:											
Gross Asset Yield	3.53%	3.42%	3.25%	3.27%	3.38%	3.66%	3.60%	3.43%	3.27%	3.27%	3.35%
Cost of Funds	0.34%	0.38%	0.38%	0.41%	0.52%	0.80%	0.74%	0.38%	0.38%	0.39%	0.48%
Gross Margin	3.19%	3.04%	2.87%	2.86%	2.86%	2.86%	2.86%	3.05%	2.89%	2.88%	2.86%
Provision Expense	0.27%	0.27%	0.17%	0.20%	0.27%	0.64%	0.56%	0.27%	0.18%	0.19%	0.25%
Net Margin	2.92%	2.76%	2.70%	2.66%	2.58%	2.22%	2.29%	2.77%	2.71%	2.69%	2.61%
Non-Interest Income	0.56%	0.53%	0.85%	1.08%	1.27%	1.33%	1.30%	0.53%	0.81%	0.95%	1.18%
Non-Interest Expense Net Operating Exp	3.56% 3.01%	3.26% 2.73%	3.22% 2.37%	3.32% 2.24%	3.40% 2.13%	2.94% 1.61%	3.02% 1.72%	3.28% 2.75%	3.22% 2.41%	3.27% 2.32%	3.37% 2.19%
Net Operating Return	-0.09%	0.04%	0.33%	0.42%	0.45%	0.61%	0.58%	0.03%	0.30%	0.36%	0.43%
Non-recurring Inc(Exp)	0.00%	0.08%	0.05%	0.03%	0.03%	0.07%	0.06%	0.07%	0.05%	0.04%	0.03%
Net Income (ROA)	-0.09%	0.11%	0.38%	0.45%	0.48%	0.68%	0.64%	0.10%	0.35%	0.40%	0.46%
Not On Poturn on NW	0.5%	0.2%	2 6%	2 5%	A 10/	F 7%	E 2%	0.2%	2 2%	2 0%	2 7%
Net Op Return on NW	-0.5%	0.2%	2.6%	3.5%	4.1%	5.7%	5.3%	0.2%	2.3%	2.9%	3.7%

MERIDIAN ECONOMICS

NCUA Q3-2020

Trusted Insight, Effective Solutions

<\$2M

\$2-10M



<\$50M

<\$100M

<\$500M

<10M

TOTAL

OPERATING EFFICIENCIES: Loans & Shares-Avg Loan Balance \$5,277 \$7,133 \$7,730 \$9,135 \$13,214 \$17,697 \$16,293 \$7,022 \$7,649 \$8,438 \$11,981 Avg Loan Rate 6.62% 5.63% 5.10% 4.88% 4.63% 4.78% 4.77% 5.68% 5.17% 5.01% 4.73% Avg Loan Yield, net 6.03% 5.07% 4.77% 4.52% 4.21% 3.86% 3.94% 5.13% 4.81% 4.65% 4.32% \$8,422 Avg Share Balance \$2,515 \$5,106 \$8,136 \$9,398 \$10,676 \$13,099 \$12,354 \$4,794 \$7,572 \$9.925 0.42% 0.46% 0.44% 0.47% 0.60% 0.95% 0.45% 0.44% 0.46% 0.56% Avg Share Rate 0.87% Non-Member Deposit Ratio 1.4% 1.0% 0.8% 0.8% 0.8% 0.8% 0.8% 1.1% 0.8% 0.8% 0.8% Net Operating Profitability-Earning Asset/Funding 123% 118% 111% 109% 108% 113% 112% 118% 112% 111% 109% Non-Interest Inc-to-Total Revenue 14% 13% 21% 25% 27% 27% 27% 13% 20% 23% 26% Net Operating Return per FTE Interest Income per FTE \$42,381 \$88,538 \$129,028 \$133,677 \$140,636 \$213,604 \$193,809 \$82,615 \$120,883 \$127,125 \$136,535 Avg Interest & Provisions per FTE \$7,333 \$16,965 \$21,878 \$24,761 \$33,095 \$84,197 \$70,264 \$15,729 \$20,798 \$22,732 \$29.950 \$107,541 Net Interest Income per FTE \$35,048 \$71,574 \$107,151 \$108,915 \$129,407 \$123,545 \$66,887 \$100,084 \$104,393 \$106,585 Non-Interest Income per FTE \$33,649 \$44,176 \$53,005 \$70,063 \$29,985 \$6.667 \$13,670 \$77,653 \$12,771 \$36,909 \$48,120 Avg Operating Expense per FTE \$42,762 \$84,332 \$127,675 \$135,838 \$141,641 \$171,402 \$162,630 \$78,998 \$119,132 \$127,283 \$137,283 Net Operating Expense per FTE \$36,095 \$70,662 \$94,027 \$91,661 \$88,636 \$93,748 \$92,568 \$66,227 \$89,148 \$90,374 \$89,164 Avg Net Operating Return per FTE -\$1,048 \$911 \$13,124 \$17,254 \$18,905 \$35,658 \$30,977 \$660 \$10,936 \$14,019 \$17,422 Revenue/Operating Expense Assessment Revenue-Avg Revenue per FTE \$49,048 \$102,208 \$162,677 \$177,853 \$193,640 \$291,257 \$263,872 \$95,386 \$150,867 \$164,034 \$184,655 - Total Revenue Ratio 4.08% 3.95% 4.10% 4.35% 4.65% 4.99% 4.90% 3.96% 4.08% 4.22% 4.53% **Operating Expenses-**\$20,000 \$45,005 \$61,718 \$65,696 \$72,388 \$90,736 \$85,205 \$41,797 \$58,221 \$61,868 \$69,195 Avg Compensation & Benefits per FTE - Compensation & Benefits Exp Ratio 1.67% 1.74% 1.56% 1.61% 1.74% 1.55% 1.58% 1.73% 1.58% 1.59% 1.70% - Pct of Total Operating Expense 47% 53% 48% 48% 51% 53% 52% 53% 49% 50% 49% - FTE-to-Ops (Staff Efficiency) 2.01 0.79 0.42 0.36 0.30 0.20 0.22 0.85 0.46 0.40 0.33 - Full-time Equivalents 280 1,902 10,251 11,847 55,719 231,457 311,455 2.182 12,433 24,280 79,998 - Pct Part-time Employees 78% 44% 15% 10% 7% 5% 7% 49% 22% 17% 10% \$34,947 Avg Occupancy & Ops Exp per FTE \$13,810 \$22,783 \$34,377 \$36,182 \$42,133 \$40,391 \$21,632 \$32,140 \$33,510 \$35,371 - Occupancy & Ops Expense Ratio 1.15% 0.88% 0.87% 0.85% 0.87% 0.72% 0.75% 0.90% 0.87% 0.86% 0.87% - Pct of Total Operating Expense 32% 27% 27% 26% 26% 25% 25% 27% 27% 26% 26% \$8,952 \$16,544 \$31,581 \$35,195 \$33,071 \$15,570 \$28,771 \$31,905 Avg All Other Expense per FTE \$38,533 \$37.035 \$32,717 - All Other Expense Ratio 0.75% 0.64% 0.80% 0.86% 0.79% 0.66% 0.69% 0.65% 0.78% 0.82% 0.80% - Pct of Total Operating Expense 21% 20% 25% 26% 23% 22% 23% 20% 24% 25% 24% Membership Outreach-Members-to-Potential Members 3.8% 7.5% 3.0% 2.6% 2.4% 3.0% 2.9% 6.7% 3.3% 2.9% 2.6% Members-to-FTEs 375 403 419 380 348 409 397 400 416 398 363 5,029 Branches 365 869 2.239 1,676 11,087 21,262 1,233 3,472 5.147 10.176 288 883 1,919 3,851 5,820 707 1,488 Members per Branch 2,688 8,542 1,879 2,853

\$10-\$50M \$50-100M \$100-500M \$500M+

MERIDIAN ECONOMICS Trusted Insight, Effective Solutions



<\$2M \$2-10M \$10-\$50M \$50-100M \$100-500M \$500M+ NCUA Q3-2020 TOTAL <10M <\$50M <\$100M

NET INFRASTRUCTURE COST:											
Fee Income	0.56%	0.53%	0.85%	1.08%	1.27%	1.33%	1.30%	0.53%	0.81%	0.95%	1.18%
Compensation & Benefits	1.67%	1.74%	1.56%	1.61%	1.74%	1.55%	1.58%	1.73%	1.58%	1.59%	1.70%
Travel & Conference	0.02%	0.01%	0.02%	0.02%	0.02%	0.01%	0.01%	0.01%	0.02%	0.02%	0.02%
Office Occcupancy	0.24%	0.15%	0.20%	0.22%	0.23%	0.19%	0.19%	0.15%	0.19%	0.20%	0.22%
Office Operations	0.91%	0.73%	0.67%	0.64%	0.64%	0.53%	0.56%	0.75%	0.68%	0.66%	0.65%
Educational & Promo	0.02%	0.02%	0.06%	0.08%	0.10%	0.10%	0.10%	0.02%	0.05%	0.07%	0.09%
Loan Servicing	0.12%	0.11%	0.17%	0.22%	0.23%	0.20%	0.20%	0.11%	0.16%	0.19%	0.22%
Professional & Outside Services	0.36%	0.35%	0.42%	0.45%	0.35%	0.22%	0.25%	0.35%	0.41%	0.43%	0.37%
Member Insurance	0.04%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%
Operating Fees	0.04%	0.04%	0.03%	0.02%	0.02%	0.01%	0.01%	0.04%	0.03%	0.02%	0.02%
Miscellaneous	0.16%	0.10%	0.10%	0.07%	0.07%	0.11%	0.10%	0.10%	0.10%	0.08%	0.07%
Total Ops Expense	3.56%	3.26%	3.22%	3.32%	3.40%	2.94%	3.02%	3.28%	3.22%	3.27%	3.37%
Net Operating Expense	3.01%	2.73%	2.37%	2.24%	2.13%	1.61%	1.72%	2.75%	2.41%	2.32%	2.19%

NET INFRASTRUCTURE COST PER FULL-TIME EQUIVALENT											
	l										
Fee Income	\$6,667	\$13,670	\$33,649	\$44,176	\$53,005	\$77,653	\$70,063	\$12,771	\$29,985	\$36,909	\$48,120
Compensation & Benefits	\$20,000	\$45,005	\$61,718	\$65,696	\$72,388	\$90,736	\$85,205	\$41,797	\$58,221	\$61,868	\$69,195
Travel & Conference	\$190	\$351	\$728	\$855	\$909	\$766	\$788	\$330	\$658	\$755	\$862
Office Occcupancy	\$2,857	\$3,785	\$7,765	\$8,846	\$9,452	\$10,916	\$10,420	\$3,666	\$7,046	\$7,924	\$8,989
Office Operations	\$10,952	\$18,998	\$26,612	\$26,101	\$26,730	\$31,217	\$29,971	\$17,965	\$25,095	\$25,585	\$26,382
Educational & Promo	\$190	\$631	\$2,341	\$3,410	\$4,283	\$6,106	\$5,514	\$574	\$2,031	\$2,704	\$3,804
Loan Servicing	\$1,429	\$2,804	\$6,764	\$8,801	\$9,620	\$11,631	\$10,938	\$2,628	\$6,038	\$7,386	\$8,942
Professional & Outside Services	\$4,286	\$9,043	\$16,662	\$18,346	\$14,501	\$12,835	\$13,438	\$8,433	\$15,218	\$16,744	\$15,182
Member Insurance	\$476	\$210	\$130	\$79	\$72	\$58	\$68	\$244	\$150	\$115	\$85
Operating Fees	\$476	\$911	\$1,015	\$923	\$838	\$668	\$719	\$855	\$987	\$956	\$873
Miscellaneous	\$1,905	\$2,594	\$3,941	\$2,780	\$2,848	\$6,469	\$5,570	\$2,505	\$3,689	\$3,246	\$2,968
Total Ops Expense	\$42,762	\$84,332	\$127,675	\$135,838	\$141,641	\$171,402	\$162,630	\$78,998	\$119,132	\$127,283	\$137,283
Net Operating Expense	\$36,095	\$70,662	\$94,027	\$91,661	\$88,636	\$93,748	\$92,568	\$66,227	\$89,148	\$90,374	\$89,164