## MERIDIAN ECONOMICS Trusted Insight, Effective Solutions



NCUA Q1-2018	<\$2M	\$2-10M	\$10-\$50M	\$50-100M	\$100-500M	\$500M+	TOTAL	<10M	<\$50M	<\$100M	<\$500M
DEMOGRAPHICS	450	1.020	1,761	704	1.040	E20	E E20	1.490	2 247	2.051	4,991
No. of Credit Unions  Avg Asset Size (\$Mil)	458 \$0.9	1,028 \$5.8	\$25.1	\$71.9	1,040 \$220.5	539 \$1,944.9	5,530 \$249.3	1,486 \$4.3	3,247 \$15.6	3,951 \$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%
Fotal 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 Net Worth	-17.1% -25.4%	-9.4% -18.2%	0.8% -4.1%	0.6% -7.1%	9.1% 3.7%	14.8% 10.9%	12.8% 8.2%	-9.9% -18.8%	-0.6% -6.3%	0.0% -6.7%	6.3% 0.3%
BALANCE SHEET ALLOCA			4.170	7.170	3.770	10.570	0.270	10.070	0.570	0.770	0.570
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 Loans-to-Total Assets	54% 45%	50% 48%	47% 50%	40% 56%	30% 65%	25% 71%	27% 69%	51% 48%	47% 50%	44% 53%	34% 61%
/ehicle-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%
ndirect-to-Total Loans	0%	0%	5%	12%	19%	22%	21%	0%	4%	8%	16%
oans-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	2.100/	1.500/	0.000	0.030/	0.769/	0.630/	0.000	1.030/	0.030/	0.000/	0.660
oan 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 'Misery" Index	1.34% 4.44%	0.61% 2.17%	0.44% 1.40%	0.52% 1.34%	0.56% 1.32%	0.61% 1.23%	0.60% 1.26%	0.46% 1.49%	0.49% 1.41%	0.54% 1.34%	0.60% 1.25%
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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%
eh Loan Delinquency	3.10%	1.41%	0.89%	0.75%	0.65%	0.50%	0.55%	1.51%	0.99%	0.88%	0.72%
Pirect Delinquency	3.10%	1.41%	0.87%	0.70%	0.57%	0.44%	0.52%	1.51%	0.98%	0.87%	0.69%
ndirect Delinquency	0.00%	0.85%	1.11%	0.86%	0.74%	0.53%	0.57%	0.85%	1.11%	0.92%	0.76%
oss 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 Cost of Funds	3.77% 0.47%	3.67% 0.32%	3.37% 0.30%	3.42% 0.32%	3.56% 0.41%	3.67% 0.67%	3.63% 0.60%	3.68% 0.33%	3.41% 0.30%	3.41% 0.31%	3.52% 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 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%
	3.070	Q.1/0	3.070	7.0/0	U.E/0	3.1/0	J.1/0	J.7/0	2.3/0	3.370	3.370
COST EFFICIENCIES:											
lon-Int Inc-to-Total Rev lvg Revenue per FTE	21% \$48,010	15% \$101,058	23% \$151,177	27% \$164,813	29% \$184,200	28% \$274,818	28% \$242,421	15% \$93,455	22% \$140,451	24% \$152,099	28% \$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 Balance Avg Loan Rate		\$6,886 6.22%	\$9,027 5.33%			\$16,239 4.52%					
vg Loan Kate vg Loan Yield, net	7.11% 6.45%	5.22% 5.87%	5.33% 5.11%	5.03% 4.76%	4.73% 4.38%	4.52% 3.99%	4.59% 4.11%	6.28% 5.90%	5.44% 5.20%	5.23% 4.97%	4.86% 4.54%
							\$10,676		\$6,772		\$8,666
wg Share Balance wg Share Rate	\$2,375 0.58%	\$4,751 0.38%	\$7,281 0.34%	\$8,281 0.37%	\$9,318 0.47%	\$11,535 0.80%	0.71%	\$4,465 0.39%	\$6,772 0.35%	\$7,456 0.36%	\$8,666 0.44%
M Deposit Ratio	2.70%	1.05%	0.34%	0.37%	1.06%	0.80%	0.71%	1.2%	0.35%	0.8%	1.0%
ull-time Equivalents	417	2,493	12,748	14,344	63,323	197,456	290,779	2,910	15,658	30,001	93,324
ct PT Employees TE-to-Ops (Staffing)	77% 2.22	41% 0.80	16% 0.46	12% 0.40	9% 0.33	7% 0.22	8% 0.25	47% 0.88	23% 0.50	18% 0.45	12% 0.36
1 1 0/ 1											
&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%
ct of Total Op Exp	45%	51%	48%	48%	51%	53%	52%	50%	48%	48%	50%
vg 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
	1.27%	0.96%	0.93%	0.91%	0.95%	0.72%	0.77%	0.98%	0.94%	0.92%	0.94%
Occ & Ops Exp Ratio	30%	26%	27%	25%	26%	25%	25%	26%	27%	26%	26%
	30%						1 400 -00	627 475	A25 200	4	¢20 120
ect of Total Op Exp	\$42,270	\$37,130	\$34,990	\$35,876	\$36,376	\$29,111	\$30,783	\$37,475	\$35,299	\$35,588	\$36,136
Occ & Ops Exp Ratio Oct of Total Op Exp Avg O&O per FTE All Other Exp Ratio			\$34,990 0.22%	\$35,876 0.24%	\$36,376 0.21%	\$29,111 0.17%	0.18%	0.22%	\$35,299 0.22%	\$35,588 0.23%	0.22%
ect of Total Op Exp	\$42,270	\$37,130									

## MERIDIAN ECONOMICS Trusted Insight, Effective Solutions

	NION PEER STATS	
CREDIT	"AT-A-GLANGE	44

Historical Year-End	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
DEMOGRAPHICS	7.006	7.554	7.220	7.004	6.040	6.554	6.272	6.024	5 705	5 570	5.530
No. of Credit Unions Avg Asset Size (\$Mil)	7,806 \$103.9	7,554 \$117.1	7,339 \$124.6	7,094 \$135.6	6,819 \$149.8	6,554 \$162.0	6,273 \$178.9	6,021 \$200.0	5,785 \$223.4	5,573 \$247.4	5,530 \$249.3
GROWTH RATES Total Assets	7.4%	9.1%	3.4%	5.2%	6.2%	3.9%	5.7%	7.3%	7.3%	6.7%	10.9%
Total Loans	7.1%	1.1%	-1.4%	1.2%	4.6%	8.0%	10.4%	10.5%	10.4%	10.1%	6.1%
Total Shares Net Worth	7.7% -0.1%	10.5% 1.7%	4.5% 5.1%	5.2% 6.8%	6.1% 8.5%	3.7% 7.4%	4.5% 7.5%	6.9% 6.9%	7.5% 7.1%	6.1% 7.3%	12.8% 8.2%
			3.176	0.676	6.576	7.470	7.576	0.976	7.170	7.370	0.276
BALANCE SHEET ALLOCA		9.9%	10.19/	10.29/	10.49/	10.99/	11.09/	10.0%	10.0%	11.09/	10.9%
Net Worth Ratio	10.6%	32%	10.1% 35%	10.2% 37%	10.4% 38%	10.8% 35%	11.0% 32%	10.9%	10.9% 28%	11.0% 26%	27%
Cash & Inv-to-Assets Loans-to-Total Assets	27% 70%	65%	62%	59%	58%	61%	63%	31% 65%	28% 67%	69%	69%
Vehicle-to-Total Loans	31%	30%	11%	29%	30%	31%	32%	33%	34%	35%	35%
RELoans-to-Total Loans RELoans-to-Net Worth	54% 354%	54% 354%	55% 337%	55% 319%	54% 300%	53% 296%	51% 296%	50% 302%	50% 306%	49% 313%	36% 224%
Indirect-to-Total Loans	13%	13%	13%	12%	13%	14%	16%	17%	19%	20%	21%
Loans-to-Shares Pct of Non-term-Shares	83% 56%	76% 59%	72% 62%	69% 65%	68% 67%	71% 69%	75% 71%	77% 72%	80% 73%	83% 73%	81% 74%
ST Funding Ratio Net LT Assets Ratio	14.7% 32%	16.8% 32%	16.1% 33%	17.3% 32%	17.5% 33%	14.9% 36%	13.7% 34%	13.5% 33%	13.4% 33%	12.4% 34%	13.7% 34%
LOAN QUALITY											
Loan Quality  Loan Delinguency 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 "Misery" Index	0.85% 2.23%	1.21% 2.85%	1.13% 2.89%	0.91% 2.51%	0.73% 1.89%	0.57% 1.58%	0.50% 1.35%	0.48% 1.29%	0.55% 1.38%	0.60% 1.41%	0.60% 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 Indirect Delinquency	1.56%	1.47%	1.17%	0.97%	0.77%	0.60% 0.79%	0.60% 0.74%	0.64% 0.72%	0.67% 0.76%	0.67% 0.72%	0.52% 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% <b>2.27%</b>	1.13% 2.08%	0.78% <b>2.46%</b>	0.50% <b>2.62%</b>	0.36% <b>2.56%</b>	0.26% <b>2.53%</b>	0.28% <b>2.56%</b>	0.35% <b>2.50%</b>	0.41% <b>2.48%</b>	0.48% <b>2.51%</b>	0.48% <b>2.55%</b>
Net Margin 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 Avg Revenue per FTE	19% \$229,198	21% \$227,759	23% \$221,213	24% \$212,014	28% \$206,435	29% \$198,240	28% \$199,065	29% \$205,357	29% \$215,151	27% \$225,888	28% \$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 Yield, net	6.61% 5.33%	6.28% 4.60%	6.06% 4.82%	5.76% 4.94%	5.42% 4.81%	5.01% 4.57%	4.79% 4.33%	4.64% 4.10%	4.56% 3.95%	4.56% 3.85%	4.59% 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 NM Deposit Ratio	2.91% 0.4%	2.06% 0.3%	1.41% 0.3%	1.08% 0.3%	0.85% 0.3%	0.69% 0.3%	0.63% 0.5%	0.61% 0.7%	0.62% 0.8%	0.67% 0.9%	0.71% 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 FTE-to-Ops (Staffing)	13% 0.37	12% 0.36	12% 0.36	12% 0.35	12% 0.34	12% 0.33	11% 0.30	10% 0.28	9% 0.27	9% 0.26	8% 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 Avg C&B per FTE	47% \$55,892	51% \$58,264	51% \$59,466	50% \$61,304	50% \$63,493	51% \$65,040	50% \$66,286	51% \$68,882	51% \$70,992	51% \$72,887	52% \$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 Avg O&O per FTE	26% \$30,283	27% \$31,403	27% \$31,673	27% \$32,254	26% \$32,739	26% \$33,137	26% \$34,226	26% \$34,697	25% \$35,356	25% \$35,717	25% \$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 Avg AOE per FTE	27% \$32,328	22% \$25,273	22% \$26,233	23% \$27,857	24% \$29,849	24% \$30,526	24% \$31,548	24% \$32,177	24% \$33,383	24% \$34,022	23% \$34,207