

Business & Industry Consulting Market

Strategic Solution

Financial Investments Risk Management

Regulatory Expert

| 29 | Nove | ember | 2024 |
|----|------|-------|------|
|----|------|-------|------|

| ц | | THIS WK | LAST MO | YR END | LAST YR | C | HANGES SIN | CE | | YIELD CURVE ASSESSMENT |
|------------------|--------------|-------------|----------|----------|----------|---------|------------|-------------|-------|------------------------|
| CURVE | | 11/28/24 | 10/28/24 | 12/31/23 | 11/28/23 | This Yr | Last Yr | This Cycle* | | |
| 5 | | | | | | | | | 6.00% | |
| Ę | Prime | 7.75% | 8.00% | 8.50% | 8.50% | -0.75% | -0.75% | 4.50% | 5.50% | |
| | Fed Funds | 4.58% | 4.83% | 5.33% | 5.33% | -0.75% | -0.75% | 4.53% | 5.00% | |
| AND | 3mo | 4.60% | 4.70% | 5.40% | 5.47% | -0.80% | -0.87% | 4.49% | 4.50% | |
| Ż | 6mo | 4.43% | 4.46% | 5.26% | 5.42% | -0.83% | -0.99% | 4.29% | | |
| л Ц | 1yr | 4.34% | 4.28% | 4.79% | 5.21% | -0.45% | -0.87% | 4.17% | 4.00% | |
| Ú E E E | 2yr | 4.19% | 4.12% | 4.23% | 4.73% | -0.04% | -0.54% | 3.99% | 3.50% | |
| | 3yr | 4.17% | 4.09% | 4.01% | 4.49% | 0.16% | -0.32% | 3.93% | 3.00% | / |
| | 5yr | 4.11% | 4.11% | 3.84% | 4.29% | 0.27% | -0.18% | 3.77% | 2.50% | ý |
| | 7yr | 4.17% | 4.19% | 3.88% | 4.36% | 0.29% | -0.19% | 3.69% | 2.00% | |
| Ξ | 10yr | 4.25% | 4.28% | 3.88% | 4.34% | 0.37% | -0.09% | 3.67% | 1.50% | |
| | 30yr | 4.44% | 4.53% | 4.03% | 4.52% | 0.41% | -0.08% | 3.27% | | |
| EINCHIMIARN | Slope of the | Yield Curve | - | | | | | | 1.00% | |
| ≥ L | 2yr-3mo | -0.41% | -0.58% | -1.17% | -0.74% | 0.76% | 0.33% | -1.04% | 0.50% | Last Year |
| | 5yr-2yr | -0.08% | -0.01% | -0.39% | -0.44% | 0.31% | 0.36% | -0.19% | 0.00% | |
| | 10yr-5yr | 0.14% | 0.17% | 0.04% | 0.05% | 0.10% | 0.09% | -0.01% | | Nov2018 |
| | 10yr-3mo | -0.35% | -0.42% | -1.52% | -1.13% | 1.17% | 0.78% | -1.24% | | Apr2020 |

US ECONOMIC GROWTH CONTINUES TO BE OVERSTATED BY LEVEL OF GOVERNMENT SPENDING

The Commerce Department reported the US economy grew slightly slower in the third quarter amid easing inflation and stronger consumer spending. It's Bureau of Economic Analysis found the US economy grew at an annual rate of 2.8% in the third quarter, between July through September.

But before anyone starts to turn cartwheels, the report also noted that the pace of government spending increased more than 5.0% with federal spending rising 8.9% and state spending increasing 2.7%.

It was the ninth consecutive quarter that the pace of government spending exceeding that of consumer spending and marked the widest difference between the two over that period of time.

Consumer spending generally accounts for two-thirds - a measure that balances core growth sustainability against potential economic vulnerability. Since the third quarter of 2021, the pace of quarterly government spending has averaged 4.0% versus consumer spending's 2.4%. This has overstated average quarterly growth at 2.8%.

For all the monetarists in the room, this has been a principle contributor to the elevated inflation environment - noting that it has occurred in a post-COVID period of time.

| Key Economic Indicators f | or Banks, Th | | | |
|---------------------------|--------------|-----------|---------|--------|
| | | LATEST | CURRENT | PREV |
| GDP | QoQ | Q3-24 2nd | 2.8% | 3.0% |
| GDP - YTD | Annl | Q3-24 2nd | 2.4% | 2.2% |
| Consumer Spending | QoQ | Q3-24 2nd | 3.5% | 2.8% |
| Consumer Spending YTD | Annl | Q3-24 2nd | 2.6% | 2.2% |
| Unemployment Rate | Мо | October | 4.1% | 4.1% |
| Underemployment Rate | Мо | October | 7.7% | 7.7% |
| Participation Rate | Mo | October | 62.6% | 62.7% |
| - anticipation nate | | October | 02.070 | 02.770 |
| Wholesale Inflation | YoY | October | 2.4% | 1.8% |
| Consumer Inflation | YoY | October | 2.6% | 2.4% |
| Core Inflation | YoY | October | 3.8% | 3.3% |
| | | | | |
| Consumer Credit | Annual | September | 1.4% | 1.8% |
| Retail Sales | YoY | October | 2.8% | 2.6% |
| Vehicle Sales | Annl (Mil) | October | 16.4 | 16.3 |
| Home Sales | Annl (Mil) | October | 4.698 | 4.556 |
| Home Prices | YoY | September | 3.9% | 4.3% |

Key Consumer Market Data-

| | THIS WK | YR END | PCT C | HANGES |
|-----------------------------------|------------------------|------------------------|-------------------------|-------------------------|
| | 11/28/24 | 12/31/23 | YTD | 12Mos |
| DJIA S&P 500 | 44,722 5,998 | 37,689 4.769 | 18.7% 25.8% | 24.8% 31.9% |
| NASDAQ | 19,060 | 15,011 | 27.0% | 34.8% |
| Crude Oil Avg Gasoline Gold | 68.72 3.04 2,640 | 71.77 3.12 2,072 | -4.2% -2.3% 27.4% | -6.6% -6.0% 28.0% |

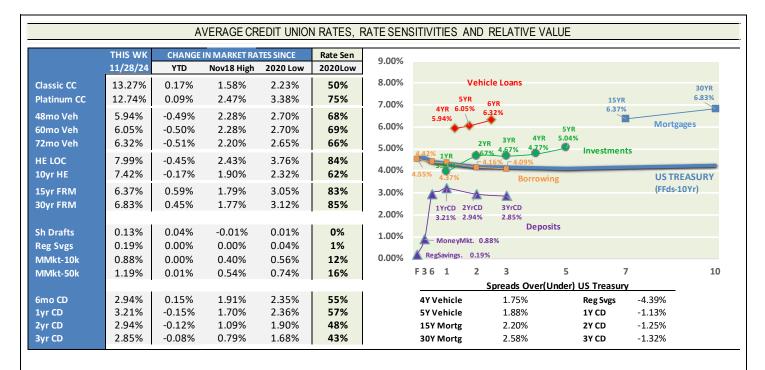


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STRATEGICALLY FOR CREDIT UNIONS

The impact that government spending has had on the final GDP metric is remarkable. It is estimated that since 2021, the actual pace of economic growth has been closer to 1.1% - versus the stated 2.8%.

In 2023, while growth was reported to be 3.2%, it is our estimate that real growth was closer to 1.6%. More remarkable is the impact that it has had on 2024 metrics. The government cites an average growth pace of 2.4% when we estimate, actual core growth is closer to 0.9%.

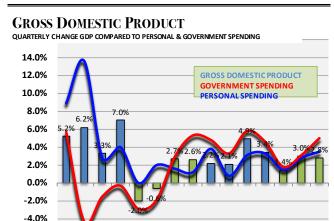
Recall that GDP is the value of goods and services produced by the economic - something that the hyper-inflationary environment as similarly elevated. The reason this is important is that it puts a completely different perspective on core economic strength and challenges Federal Reserve policy-makers even greater than hat they have been facing.

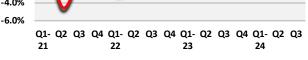
There is so much "noise" in the metrics that have been released that the government is sending mixed signals. The employment sector looks to be functioning with low unemployment but most of the job growth has come from part-time, relatively low paying positions. Some are saying that inflation is falling when in reality its the pace of inflation that is slowing - prices remain 24% higher than only 3 years ago.

This sets up significant challenges for the new Administration and Congress to upright the wobbling economic gyroscope.

| ECONOMIC RELEASES | | | |
|----------------------------|---------|-----------|----------|
| RELEASES THIS WEEK: | Current | Projected | Previous |
| Home Prices (Sep, YoY) | 3.9% | 3.8% | 4.3% |
| New Home Sales (Oct, Annl) | 738k | 710k | 738k |
| GDP (Q3, 2nd) | 2.8% | 2.8% | 2.8% |

| RELEASES FOR UPCOMING WEEK: | Projected | Previous |
|------------------------------------|-----------|----------|
| Unemployment Rate (Nov) | 4.1% | 4.1% |
| Consumer Credeit (MoM Change, Nov) | \$9.0B | \$6.0B |





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Business & Industry Consulting Market Analysis

| | | CALENDAR | ECONOMIC | | |
|----------|--|--|-------------------------------|---|-------------------------------|
| | | | | | |
| SATURDAY | FRIDAY | THURSDAY | WEDNESDAY | TUESDAY | MONDAY |
| | | 24 | 20 | 20 | CEDTEMPED 20 |
| 2 | NOVEMBER 1 Unemployment 4.1% NF Payrolls 12k Private Payrolls (28k) Participation Rate 62.6% | 31 Jobless Claims Cont'd Claims | 30 GDP (Q3) 2.8% | 29 Home Prices 4.3% Consumer Confidence | SEPTEMBER 28 |
| 9 | 8 | 7 Jobless Claims 221k Cont'd Claims 1.89M FOMC Announcement | 6 | 5 | 4 /ehicle Sales 16.0M |
| 16 | 15 Retail Sales 0.4% | 14 Jobless Claims 217k Cont'd Claims 1.87M Wholesale Inflation 2.4% | 13 Consumer Inflation 2.6% | 12 | 11 VETERANS DAY HOLIDAY |
| 23 | 22 | 21 Jobless Claims 213k Cont'd Claims 1.91M xisting Home Sales 3.96M Leading Indicators -0.4% | 20 E: | 19 | 18 |
| 30 | 29 | 28 THANKSGIVING HOLIDAY | 27 GDP Q3 (2nd) 2.8% | 26 Home Prices 3.9% Consumer Confidence | 25 |
| 7 | 6 Unemployment Non-farm Jobs Private Payrolls Participation Rate | 5 Jobless Claims Cont'd Claims | 4 Fed Beige Book | 3 | DECEMBER 2 |
| 14 | 13 | 12 Jobless Claims Cont'd Claims Wholesale Inflation | 11 Consumer Inflation | 10 | 9 |
| 21 | 20 | 19 Jobless Claims Cont'd Claims GDP (Q3, Final) Existing Home Sales | 18 FOMC Announcement | 17 Retail Sales | 16 |
| 28 | 27 Home Prices | 26 Jobless Claims Cont'd Claims | 25 CHRISTMAS HOLIDAY | 24 New Home Sales | 23 nsumer Confidence |



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|---|--|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | (L | Octo Ipdated Octol | ber 202 4 ber 27, 2024 |
| | | |)24 | | | 202 | - | | | 2026 | |
| | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 |
| ECONOMIC OUTLOOK | | | | | | | | | | | |
| Economic Growth- | | | | | | | | | | | |
| GDP - (QoQ) | 1.6% | 3.0% | 2.8% | 1.8% | 2.0% | 1.6% | 1.9% | 1.9% | 1.7% | 1.6% | 1.6% |
| GDP - (YTD) | 1.6% | 2.3% | 2.5% | 2.3% | 2.0% | 1.8% | 1.8% | 1.9% | 1.7% | 1.7% | 1.6% |
| Consumer Spdg - (QoQ) | 1.9% | 2.8% | 3.7% | 2.7% | 2.0% | 1.9% | 1.6% | 1.4% | 1.4% | 1.5% | 1.3% |
| Consumer Spdg - (YTD) | 1.9% | 2.4% | 2.8% | 2.8% | 2.0% | 2.0% | 1.8% | 1.7% | 1.4% | 1.5% | 1.4% |
| Government Spdg - (QoQ) | 1.8% | 3.1% | 5.0% | 0.5% | 0.6% | -0.1% | 0.2% | 0.2% | 0.1% | 0.2% | 0.1% |
| Government Spdg - (YTD) | 1.8% | 2.5% | 3.3% | 2.6% | 0.6% | 0.3% | 0.2% | 0.2% | 0.1% | 0.2% | 0.1% |
| Consumer Wealth- | | | | | | | | | | | |
| Unemployment Rate | 3.8% | 4.0% | 4.2% | 4.2% | 4.3% | 4.4% | 4.6% | 4.6% | 4.7% | 4.7% | 4.7% |
| Consumer Inflation | 3.2% | 3.2% | 2.6% | 2.6% | 2.4% | 2.4% | 2.3% | 2.2% | 2.1% | 2.1% | 2.1% |
| Home Prices (YoY) | 5.5% | 6.3% | 5.0% | 4.0% | 3.5% | 3.4% | 3.0% | 3.0% | 2.8% | 2.8% | 3.0% |
| SINGLE FAMILY HOME & V Home Sales- | | V WARKETS | | | | | | | | | |
| Total Home Sales (Mil) | 4.857 | 4.703 | 4.617 | 4.766 | 0.786 | 4.899 | 5.106 | 5.289 | 5.332 | 5.371 | 5.320 |
| Existing Home (Mil) | 4.190 | 4.047 | 3.893 | 4.033 | 0.028 | 4.137 | 4.331 | 4.502 | 4.536 | 4.570 | 4.523 |
| New Home Sales (Mil) | 0.667 | 0.656 | 0.724 | 0.733 | 0.758 | 0.762 | 0.775 | 0.787 | 0.796 | 0.801 | 0.797 |
| Mortgage Originations- Single Family Homes (Mils) | 1.076 | 1.203 | 1.343 | 1.426 | 1.357 | 1.511 | 1.590 | 1.550 | 1.534 | 1.729 | 1.683 |
| Purchase Apps (Mils) | 0.773 | 0.880 | 0.924 | 0.779 | 0.768 | 0.934 | 0.970 | 0.926 | 0.896 | 1.087 | 1.085 |
| | | | 0.521 | | | | | | | | 0.621 |
| ••••• | 0.303 | 0.323 | 0.419 | 0.647 | 0.589 | 0.577 | 0.620 | 0.624 | 0.638 | 0.642 | 0.021 |
| Refinancing Apps (Mils) | | 0.323 27% | 0.419 31% | 45% | 0.589 43% | 0.577 38% | 39% | 40% | 42% | 0.642 37% | 37% |
| Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- | 0.303 28% | 27% | 31% | 45% | 43% | 38% | 39% | 40% | 42% | 37% | 37% |
| Refinancing Apps (Mils) Refi Apps Share <u>Vehicle Sales-</u> | 0.303 | | | | | | | | | | |
| Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- | 0.303 28% | 27% | 31% | 45% | 43% | 38% | 39% | 40% | 42% | 37% | 37% |
| Refinancing Apps (Mils) Refi Apps Share <u>Vehicle Sales-</u> Vehicle Sales (Mil) | 0.303 28% | 27% | 31% | 45% | 43% | 38% | 39% | 40% | 42% | 37% | 37% |
| Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- | 0.303 28% 15.6 | 27% | 31% | 45% 16.0 | 43% | 38% | 39% 16.4 | 40% | 42% | 37% | 37% |
| Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime | 0.303 28% 15.6 8.5% | 27% 16.0 8.5% | 31% 16.3 8.0% | 45% 16.0 7.3% | 43% 15.9 7.3% | 38% 16.1 7.0% | 39% 16.4 7.0% | 40% 16.3 6.8% | 42% 16.2 6.8% | 37% 16.5 6.8% | 37% 16.7 6.8% |
| Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds | 0.303 28% 15.6 8.5% 5.4% | 27% 16.0 8.5% 5.4% | 31% 16.3 8.0% 4.9% | 45% 16.0 7.3% 4.3% | 43% 15.9 7.3% 4.3% | 38% 16.1 7.0% 4.0% | 39% 16.4 7.0% 4.0% | 40% 16.3 6.8% 3.8% | 42% 16.2 6.8% 3.8% | 37% 16.5 6.8% 3.8% | 37% 16.7 6.8% 3.8% |
| Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds 3yr UST | 0.303 28% 15.6 8.5% 5.4% 4.6% | 27% 16.0 8.5% 5.4% 4.1% | 31% 16.3 8.0% 4.9% 4.0% | 45% 16.0 7.3% 4.3% 4.2% | 43% 15.9 7.3% 4.3% 4.2% | 38% 16.1 7.0% 4.0% 4.1% | 39% 16.4 7.0% 4.0% 4.1% | 40% 16.3 6.8% 3.8% 4.0% | 42% 16.2 6.8% 3.8% 4.0% | 37% 16.5 6.8% 3.8% 4.0% | 37% 16.7 6.8% 3.8% 4.0% |
| Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds 3yr UST 7yr UST | 0.303 28% 15.6 8.5% 5.4% | 27% 16.0 8.5% 5.4% | 31% 16.3 8.0% 4.9% 4.0% 4.2% | 45% 16.0 7.3% 4.3% | 43% 15.9 7.3% 4.3% | 38% 16.1 7.0% 4.0% | 39% 16.4 7.0% 4.0% | 40% 16.3 6.8% 3.8% | 42% 16.2 6.8% 3.8% | 37% 16.5 6.8% 3.8% | 37% 16.7 6.8% 3.8% 4.0% 4.2% |
| Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds 3yr UST 7yr UST 10yr UST | 0.303 28% 15.6 8.5% 5.4% 4.6% 4.4% | 27% 16.0 8.5% 5.4% 4.1% 3.8% | 31% 16.3 8.0% 4.9% 4.0% | 45% 16.0 7.3% 4.3% 4.2% 4.4% | 43% 15.9 7.3% 4.3% 4.2% 4.4% | 38% 16.1 7.0% 4.0% 4.1% 4.3% | 39% 16.4 7.0% 4.0% 4.1% 4.3% | 40% 16.3 6.8% 3.8% 4.0% 4.2% | 42% 16.2 6.8% 3.8% 4.0% 4.2% | 37% 16.5 6.8% 3.8% 4.0% 4.2% | 37% 16.7 6.8% 3.8% 4.0% |
| Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds 3yr UST 7yr UST 10yr UST Market Rates- | 0.303 28% 15.6 8.5% 5.4% 4.6% 4.4% 4.2% | 27% 16.0 8.5% 5.4% 4.1% 3.8% 4.4% | 31% 16.3 8.0% 4.9% 4.0% 4.2% 3.9% | 45% 16.0 7.3% 4.3% 4.2% 4.4% 4.5% | 43% 15.9 7.3% 4.3% 4.2% 4.4% 4.5% | 38% 16.1 7.0% 4.0% 4.1% 4.3% 4.4% | 39% 16.4 7.0% 4.0% 4.1% 4.3% 4.4% | 40% 16.3 6.8% 3.8% 4.0% 4.2% 4.3% | 42% 16.2 6.8% 3.8% 4.0% 4.2% 4.3% | 37% 16.5 6.8% 3.8% 4.0% 4.2% 4.3% | 37% 16.7 6.8% 3.8% 4.0% 4.2% 4.3% |
| Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds 3yr UST 7yr UST 10yr UST Market Rates- Syr Vehicle Loan Rate | 0.303 28% 15.6 8.5% 5.4% 4.6% 4.4% 4.2% 6.6% | 27% 16.0 8.5% 5.4% 4.1% 3.8% 4.4% 6.5% | 31% 16.3 8.0% 4.9% 4.0% 4.2% 3.9% 6.3% | 45% 16.0 7.3% 4.3% 4.2% 4.4% 4.5% 6.3% | 43% 15.9 7.3% 4.3% 4.2% 4.4% 4.5% 6.2% | 38% 16.1 7.0% 4.0% 4.1% 4.3% 4.4% 6.2% | 39% 16.4 7.0% 4.0% 4.1% 4.3% 4.4% 6.1% | 40% 16.3 6.8% 3.8% 4.0% 4.2% 4.3% 6.1% | 42% 16.2 6.8% 3.8% 4.0% 4.2% 4.3% 6.2% | 37% 16.5 6.8% 3.8% 4.0% 4.2% 4.3% 6.1% | 37% 16.7 6.8% 3.8% 4.0% 4.2% 4.3% 6.1% |
| Refinancing Apps (Mils) Refi Apps Share Vehicle Sales Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds 3yr UST 7yr UST 10yr UST Market Rates- 5yr Vehicle Loan Rate 15yr First-lien Mortgage | 0.303 28% 15.6 8.5% 5.4% 4.6% 4.4% 4.2% | 27% 16.0 8.5% 5.4% 4.1% 3.8% 4.4% | 31% 16.3 8.0% 4.9% 4.0% 4.2% 3.9% | 45% 16.0 7.3% 4.3% 4.2% 4.4% 4.5% | 43% 15.9 7.3% 4.3% 4.2% 4.4% 4.5% | 38% 16.1 7.0% 4.0% 4.1% 4.3% 4.4% | 39% 16.4 7.0% 4.0% 4.1% 4.3% 4.4% | 40% 16.3 6.8% 3.8% 4.0% 4.2% 4.3% | 42% 16.2 6.8% 3.8% 4.0% 4.2% 4.3% | 37% 16.5 6.8% 3.8% 4.0% 4.2% 4.3% | 37% 16.7 6.8% 3.8% 4.0% 4.2% 4.3% |
| Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds 3yr UST 7yr UST 10yr UST 5yr Vehicle Loan Rate 15yr First-lien Mortgage 30yr First-lien Mortgage | 0.303 28% 15.6 8.5% 5.4% 4.6% 4.4% 4.2% 6.6% 6.5% 6.7% | 27% 16.0 8.5% 5.4% 4.1% 3.8% 4.4% 6.5% 6.6% 7.0% | 31% 16.3 8.0% 4.9% 4.0% 4.2% 3.9% 6.3% 6.5% | 45% 16.0 7.3% 4.3% 4.2% 4.4% 4.5% 6.3% 5.6% 6.6% | 43% 15.9 7.3% 4.3% 4.2% 4.4% 4.5% 6.2% 5.4% 6.6% | 38% 16.1 7.0% 4.0% 4.1% 4.3% 4.4% 6.2% 5.4% 6.5% | 39% 16.4 7.0% 4.0% 4.1% 4.3% 4.4% 6.1% 5.3% 6.4% | 40% 16.3 6.8% 3.8% 4.0% 4.2% 4.3% 6.1% 5.3% 6.4% | 42% 16.2 6.8% 3.8% 4.0% 4.2% 4.3% 6.2% 5.4% 6.3% | 37% 16.5 6.8% 3.8% 4.0% 4.2% 4.3% 6.1% 5.3% 6.3% | 37% 16.7 6.8% 3.8% 4.0% 4.2% 4.3% 6.1% 5.3% 6.3% |
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Strategic Soluti

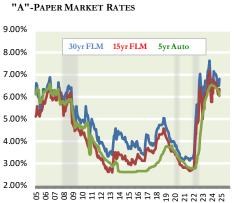
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INDICATIVE PRICING SPREADS AND RELATIVE VALUE OF INVESTMENT OPTIONS

| | 30yr | 15yr | 5yr |
|---------|----------|----------|---------|
| | Mortgage | Mortgage | Vehicle |
| Current | 2.58% | 2.20% | 1.88% |
| Oct-24 | 2.40% | 2.08% | 2.34% |
| Sep-24 | 2.79% | 2.54% | 2.85% |
| Aug-24 | 2.99% | 2.73% | 2.75% |
| Jul-24 | 2.99% | 2.73% | 2.75% |
| Jun-24 | 2.70% | 2.42% | 2.15% |
| May-24 | 2.74% | 2.40% | 1.95% |
| Apr-24 | 2.50% | 2.03% | 1.72% |
| Mar-24 | 2.45% | 2.05% | 1.64% |
| Feb-24 | 3.03% | 2.57% | 2.68% |
| Jan-24 | 2.43% | 2.10% | 2.07% |
| Dec-23 | 2.35% | 1.94% | 2.60% |
| Nov-23 | 2.63% | 1.84% | 2.46% |

Business & Industry Consulting



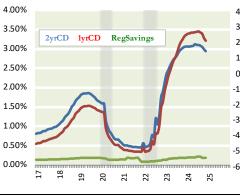
"A"-PAPER PRICING SPREADS

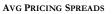


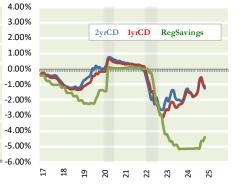
RESOURCES TM

| | Reg Svgs | 1yr CD | 2yr CD | |
|---------|-------------|-----------|-----------|--|
| Current | -4.39% | -1.13% | -1.25% | |
| Oct-24 | -4.64% | -0.94% | -0.99% | |
| Sep-24 | -4.64% | -0.54% | -0.54% | |
| Aug-24 | -5.11% | -0.79% | -0.67% | |
| Jul-24 | -5.11% | -1.45% | -1.40% | |
| Jun-24 | -5.11% | -1.67% | -1.64% | |
| May-24 | -5.13% | -1.73% | -1.74% | |
| Apr-24 | -5.13% | -1.72% | -1.79% | |
| Mar-24 | -5.13% | -1.57% | -1.52% | |
| Feb-24 | -5.13% | -1.52% | -1.48% | |
| Jan-24 | -5.13% | -1.40% | -1.26% | |
| Dec-23 | -5.14% | -1.60% | -1.40% | |
| Nov-23 | -5.14% | -1.96% | -1.83% | |









INDICATIVE INTEREST SPREADS AND MATCHED FUNDING VARIABLES

| | | | 1yr | 2yr | 3yr | 4yr | 5yr | 5yr | 5yr | 15yr | 30yr |
|---------------------|-------|--------|--------|--------|--------|--------|--------|---------|----------|----------|----------|
| | | Cash | Agy | Agy | Agy | Agy | Agy | New Veh | Used Veh | Mortgage | Mortgage |
| | | 4.58% | 3.95% | 4.67% | 4.67% | 4.77% | 5.04% | 6.05% | 6.20% | 6.37% | 6.83% |
| Share Draft | 0.13% | 4.45% | 3.82% | 4.54% | 4.54% | 4.64% | 4.91% | 5.92% | 6.07% | 6.24% | 6.70% |
| Regular Savings | 0.19% | 4.39% | 3.76% | 4.48% | 4.48% | 4.58% | 4.85% | 5.86% | 6.01% | 6.18% | 6.64% |
| Money Market | 0.88% | 3.70% | 3.07% | 3.79% | 3.79% | 3.89% | 4.16% | 5.17% | 5.32% | 5.49% | 5.95% |
| FHLB Overnight | 4.55% | 0.03% | -0.60% | 0.12% | 0.12% | 0.22% | 0.49% | 1.50% | 1.65% | 1.82% | 2.28% |
| Catalyst Settlement | 5.50% | -0.92% | -1.55% | -0.83% | -0.83% | -0.73% | -0.46% | 0.55% | 0.70% | 0.87% | 1.33% |
| 6mo Term CD | 3.04% | 1.54% | 0.91% | 1.63% | 1.63% | 1.73% | 2.00% | 3.01% | 3.16% | 3.33% | 3.79% |
| 6mo FHLB Term | 4.42% | 0.16% | -0.47% | 0.25% | 0.25% | 0.35% | 0.62% | 1.63% | 1.78% | 1.95% | 2.41% |
| 6mo Catalyst Term | 4.99% | -0.41% | -1.04% | -0.32% | -0.32% | -0.22% | 0.05% | 1.06% | 1.21% | 1.38% | 1.84% |
| 1yr Term CD | 3.42% | 1.16% | 0.53% | 1.25% | 1.25% | 1.35% | 1.62% | 2.63% | 2.78% | 2.95% | 3.41% |
| 1yr FHLB Term | 4.37% | 0.21% | -0.42% | 0.30% | 0.30% | 0.40% | 0.67% | 1.68% | 1.83% | 2.00% | 2.46% |
| 2yr Term CD | 3.08% | 1.50% | 0.87% | 1.59% | 1.59% | 1.69% | 1.96% | 2.97% | 3.12% | 3.29% | 3.75% |
| 2yr FHLB Term | 4.16% | 0.42% | -0.21% | 0.51% | 0.51% | 0.61% | 0.88% | 1.89% | 2.04% | 2.21% | 2.67% |
| 3yr Term CD | 2.94% | 1.64% | 1.01% | 1.73% | 1.73% | 1.83% | 2.10% | 3.11% | 3.26% | 3.43% | 3.89% |
| 3yr FHLB Term | 4.09% | 0.49% | -0.14% | 0.58% | 0.58% | 0.68% | 0.95% | 1.96% | 2.11% | 2.28% | 2.74% |
| 7yr FHLB Term | 4.24% | 0.34% | -0.29% | 0.43% | 0.43% | 0.53% | 0.80% | 1.81% | 1.96% | 2.13% | 2.59% |
| 10yr FHLB Term | 4.38% | 0.20% | -0.43% | 0.29% | 0.29% | 0.39% | 0.66% | 1.67% | 1.82% | 1.99% | 2.45% |





Market Analysis Strategic Solutions Financial Investments

Risk Management

RESOURCES

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Regulatory Expert

STRATEGIC ASSESSMENT OF INVESTMENT AND FUNDING OPTIONS, RELATIVE VALUE AND PRICING SPREADS

RELATIVE VALUE OF MARGINAL INVESTMENT OPTIONS





| | Current | | Then for | The Net Return Needed to Break-even Against*: | | | | | | | |
|------------------|---------|---------|----------|---|---------|--------|---------|--------|---------|--------|---------|
| | Return | For | the Next | 30Y FLM | 15Y FLM | 5Y New | 5Y Used | 4Y MBS | 4Y Call | 3Y MBS | 3Y Call |
| Cash | 4.58% | - | - | - | - | - | - | - | - | - | - |
| 1yr Agy | 3.95% | 1 year | 4 years | 7.55% | 6.98% | 6.58% | 6.76% | 5.98% | 5.04% | 5.83% | 5.03% |
| 2yr Agy Callable | 4.67% | 2 years | 3 years | 8.27% | 7.50% | 6.97% | 7.22% | 6.27% | 4.87% | 6.26% | 4.67% |
| 3yr Agy Callable | 4.67% | 3 years | 2 years | 10.07% | 8.92% | 8.12% | 8.50% | 7.87% | 5.07% | - | - |
| 3yr Agy MBS | 5.20% | 3 years | 2 years | 9.28% | 8.13% | 7.33% | 7.70% | 6.28% | 3.48% | - | - |
| 4yr Agy Callable | 4.77% | 4 years | 1 year | 15.07% | 12.77% | 11.17% | 11.92% | - | - | - | - |
| 4yr Agy MBS | 5.47% | 4 years | 1 year | 12.27% | 9.97% | 8.37% | 9.12% | - | - | - | - |
| 5yr Agy Callable | 5.04% | 5 years | - | - | - | - | - | - | - | - | - |
| 5yr New Vehicle | 6.05% | 3 years | 2 years | 8.00% | 6.85% | - | - | - | - | - | - |
| 5yr Used Vehicle | 6.20% | 3 years | 2 years | 7.78% | 6.63% | - | - | - | - | - | - |
| 15yr Mortgage | 6.37% | 5 years | - | - | - | - | - | - | - | - | - |
| 30yr Mortgage | 6.83% | 5 years | - | - | - | - | - | - | - | - | - |

* Best relative value noted by probabilities of achieving "break-even" returns

RELATIVE VALUE OF MARGINAL FUNDING OPTIONS

| | Current | | Then for | The Net Co | st Needed to E | Break-even A | gainst*: |
|---------------------|---------|---------|----------|------------|----------------|--------------|----------|
| | Cost | For | the Next | 3Y CD | 3Y FHLB | 2Y CD | 2Y FHLB |
| Share Draft | 0.13% | 1 year | 2 years | 4.35% | 6.07% | 6.03% | 8.19% |
| Regular Savings | 0.19% | 1 year | 2 years | 4.32% | 6.04% | 5.97% | 8.13% |
| Money Market | 0.88% | 1 year | 2 years | 3.97% | 5.70% | 5.28% | 7.44% |
| FHLB Overnight | 4.55% | 1 year | 2 years | 2.14% | 3.86% | 1.61% | 3.77% |
| Catalyst Settlement | 5.50% | 1 year | 2 years | 1.66% | 3.39% | 0.33% | 2.82% |
| 6mo Term CD | 3.04% | 6 mos | 2.5 yrs | 2.92% | 4.30% | 3.09% | 4.53% |
| 6mo FHLB Term | 4.42% | 6 mos | 2.5 yrs | 2.64% | 4.02% | 2.63% | 4.07% |
| 6mo Catalyst Term | 4.99% | 6 mos | 2.5 yrs | 2.53% | 3.91% | 2.44% | 3.88% |
| 1yr Term CD | 3.42% | 1 year | 2 years | 2.70% | 4.43% | 2.74% | 4.90% |
| 1yr FHLB Term | 4.37% | 1 year | 2 years | 2.23% | 3.95% | 1.79% | 3.95% |
| 2yr Term CD | 3.08% | 2 years | 1 year | 2.66% | 6.11% | - | - |
| 2yr FHLB Term | 4.16% | 2 years | 1 year | 0.50% | 3.95% | - | - |
| 3yr Term CD | 2.94% | 3 years | - | - | - | - | - |
| 3yr FHLB Term | 4.09% | 3 years | - | - | - | - | - |
| 7yr FHLB Term | 4.24% | - | - | - | - | - | - |
| 10yr FHLB Term | 4.38% | - | - | - | - | - | - |

* Highest relative value noted by highest differentials and volatility projections



RESOURCES

| Business & Industry Consulting | | Market Analysis | | Strategic Solutions | | Financial Investments | | Risk Management | | Regulato | ory Expert |
|---|--|---|---|---|--|--|--|---|--|---|--|
| Q2-2024 | <\$2 Million | \$2-10 Million | \$10-50 <million< td=""><td>\$50-100 Million</td><td>\$100-500 Million</td><td>\$500> Million</td><td>TOTAL</td><td><\$10 Million</td><td><\$50 Million</td><td><\$100 Million</td><td><\$500 Million</td></million<> | \$50-100 Million | \$100-500 Million | \$500> Million | TOTAL | <\$10 Million | <\$50 Million | <\$100 Million | <\$500 Million |
| DEMOGRAPHICS | | | | | | | | | | | |
| Number of Credit Unions Average Assets (\$Mil) Pct of Credit Unions Pct of Industry Assets | 277 \$0.903 6% 0.0% | 622 \$5.7 14% 0.2% | 1,236 \$26.2 27% 1% | 622 \$72.1 14% 2% | 1,058 \$229.6 23% 11% | 718 \$2,748.0 16% 86% | 4,533 \$506.7 100% 100% | 899 \$4.2 20% 0% | 2,135 \$16.9 47% 2% | 2,757 \$29.4 61% 4% | 3,815 \$84.9 84% 14% |
| | 0.070 | 0.270 | 170 | 270 | 11/0 | 00/0 | 10070 | 070 | 270 | -70 | 1470 |
| GROWTH RATES (YTD) Total Assets Total Loans - Direct Loans - Indirect Loans - Real Estate Loans | 3.8% 1.5% 1.7% - -79% | -8.8% -10.8% -10.7% -40.0% -13.9% | -6.8% -9.1% -9.1% -9.8% -108.8% | -3.0% -5.7% -5.2% -10.2% -5.2% | 1.1% -2.1% -0.7% -9.6% 18.0% | 4.3% 2.6% 4.3% -5.4% 6.1% | 3.7% 1.9% 3.5% -5.9% 5.5% | -8.0% -10.1% -10.0% -81.8% -48.9% | -6.9% -9.2% -9.2% -10.0% -107.9% | -4.8% -7.2% -7.0% -10.2% -58.5% | -0.4% -3.3% -2.2% -9.7% 0.2% |
| Total Shares - Checking & Savings - Term CDs | 0.2% 0.3% 15.6% | -7.6% -11.3% 9.4% | -6.3% -10.1% 13.7% | -2.9% -6.7% 15.3% | 1.1% -3.4% 19.7% | 4.8% 1.7% 18.3% | 4.0% 0.5% 18.3% | -7.1% -10.5% 9.0% | -6.4% -10.1% 13.3% | -4.5% -8.3% 14.5% | -0.3% -4.8% 18.7% |
| Net Worth | 19.5% | -5.5% | -1.2% | 0.5% | 3.0% | 6.8% | 6.0% | -3.8% | -1.6% | -0.5% | 2.0% |
| BALANCE SHEET ALLOCATION | (| | | | | | | | | | |
| Net Worth-to-Total Assets Cash & Inv-to-Total Assets Loans-to-Total Assets Vehicle-to-Total Loans REL-to-Total Loans REL-to-Net Worth Indirect-to-Total Loans | 21.2% 47.8% 47.6% 62.7% 0.6% 1.4% 0.1% | 17.8% 43.7% 52.7% 67.8% 6.6% 19.6% 0.1% | 13.5% 43.3% 52.7% 52.8% 28.5% 111.6% 3.6% | 12.8% 38.7% 56.3% 45.1% 38.7% 169.6% 9.4% | 11.5% 29.2% 64.8% 37.5% 47.6% 268.4% 15.6% | 10.9% 23.5% 71.8% 28.9% 55.8% 367.1% 17.1% | 11.0% 24.7% 70.4% 30.3% 54.3% 346.4% 16.7% | 18.1% 44.0% 52.4% 67.5% 6.3% 18.2% 0.1% | 13.9% 43.4% 52.7% 54.4% 26.2% 99.0% 3.3% | 13.3% 40.8% 54.7% 49.1% 33.3% 136.6% 6.8% | 11.9% 32.1% 62.3% 40.0% 44.4% 231.6% 13.7% |
| Loans-to-Total Shares Chkg & Svgs-to-Total Shares Nonterm-to-Total Shares Term CDs-to-Total Shares | 61.5% 92.7% 92.7% 5.0% | 64.6% 82.4% 83.9% 12.4% | 61.2% 73.2% 78.9% 15.5% | 65.0% 68.4% 76.6% 16.8% | 74.7% 59.1% 71.2% 22.3% | 86.0% 46.6% 64.9% 28.6% | 84.0% 48.8% 66.1% 27.4% | 64.4% 83.1% 84.5% 11.9% | 61.5% 74.2% 79.4% 15.1% | 63.5% 71.0% 77.9% 16.1% | 71.9% 62.1% 72.9% 20.7% |
| Liquidity Ratio Short-term Funding Ratio Short-term Cash Flow Ratio Net Long-term Asset Ratio | 26.5% 42.7% 46.2% 3.5% | 13.2% 31.6% 35.6% 7.4% | 9.7% 25.1% 29.2% 19.1% | 9.2% 21.0% 25.4% 25.9% | 8.7% 15.3% 20.4% 31.5% | 8.3% 12.0% 17.6% 36.5% | 8.4% 12.7% 18.2% 35.4% | 14.1% 25.8% 36.3% 17.9% | 10.1% 23.2% 30.0% 22.3% | 9.6% 17.3% 27.5% 29.1% | 9.0% 12.8% 22.1% 35.4% |
| LOAN QUALITY | | | | | | | ſ | 1 | | | |
| Loan Delinquency Ratio Net Charge-off Ratio "Misery" Index | 3.13% 1.05% 4.18% | 1.37% 0.46% 1.83% | 1.05% 0.39% 1.44% | 0.85% 0.45% 1.30% | 0.73% 0.47% 1.20% | 0.85% 0.84% 1.69% | 0.84% 0.79% 1.63% | 1.08% 0.40% 1.48% | 0.95% 0.43% 1.38% | 0.78% 0.46% 1.24% | 0.84% 0.79% 1.63% |
| Core Delinquency Rate Core Net Charge-off Rate Core "Misery" Index | 3.00% 0.64% 3.63% | 1.28% 0.25% 1.53% | 0.98% 0.26% 1.24% | 0.75% 0.30% 1.05% | 0.69% 0.33% 1.01% | 0.76% 0.60% 1.37% | 0.76% 0.57% 1.33% | 1.37% 0.27% 1.64% | 1.01% 0.26% 1.27% | 0.86% 0.28% 1.14% | 0.72% 0.32% 1.04% |
| RE Loan Delinquency Vehicle Loan Delinquency Direct Loans Indirect Loans | 18.14% 2.86% 2.87% 0.00% | 1.00% 1.29% 1.29% 1.42% | 0.85% 1.01% 1.00% 1.12% | 0.60% 0.83% 0.80% 0.93% | 0.56% 0.81% 0.71% 0.92% | 0.61% 0.82% 0.66% 0.87% | 0.61% 0.83% 0.71% 0.88% | 1.10% 1.38% 1.38% 1.31% | 0.86% 1.06% 1.05% 1.12% | 0.69% 0.94% 0.93% 0.97% | 0.58% 0.84% 0.79% 0.93% |
| Loss Allow as % of Loans Current Loss Exposure Coverage Ratio (Adequacy) | 2.85% 1.44% 2.0 | 1.21% 0.62% 1.9 | 0.92% 0.50% 1.8 | 0.83% 0.50% 1.6 | 0.82% 0.46% 1.8 | 1.34% 0.51% 2.6 | 1.27% 0.50% 2.5 | 1.31% 0.67% 2.0 | 0.96% 0.52% 1.8 | 0.88% 0.51% 1.7 | 0.83% 0.47% 1.8 |
| EARNINGS | | | | | | | | 1 | | | |
| Gross Asset Yield Cost of Funds Gross Interest Margin | 4.92% 0.51% 4.41% | 4.70% 0.81% 3.90% | 4.35% 0.84% 3.50% | 4.33% 0.95% 3.38% | 4.58% 1.33% 3.26% | 5.00% 1.99% 3.01% | 4.93% 1.88% 3.05% | 4.72% 0.79% 3.93% | 4.39% 0.84% 3.55% | 4.36% 0.90% 3.46% | 4.53% 1.22% 3.31% |
| Provision Expense | 0.40% | 0.28% | 0.25% | 0.26% | 0.31% | 0.62% | 0.57% | 0.29% | 0.26% | 0.26% | 0.30% |
| Net Interest Margin Non-Interest Income | 4.01% 1.37% | 3.61% 0.51% | 3.25% 0.80% | 3.12% 0.99% | 2.94% 1.13% | 2.39% 1.03% | 2.48% 1.04% | 3.64% 0.57% | 3.29% 0.77% | 3.20% 0.90% | 3.01% 1.07% |
| Non-Interest Expense Net Operating Expense | 4.94% 3.57% | 3.78% 3.27% | 3.43% 2.63% | 3.59% 2.60% | 3.52% 2.39% | 2.89% 1.86% | 2.98% 1.95% | 3.85% 3.29% | 3.48% 2.70% | 3.54% 2.64% | 3.53% 2.45% |
| Net Operating Return | 0.44% | 0.35% | 0.62% | 0.53% | 0.56% | 0.53% | 0.54% | 0.35% | 0.59% | 0.55% | 0.56% |
| Non-recurring Inc(Exp). Net Income. | 0.36% 0.81% | 0.08% | 0.02% | 0.03% | 0.03% 0.59% | 0.08% 0.62% | 0.08% 0.61% | 0.10% | 0.03% | 0.03% | 0.03% |
| Return on Net Worth. | 2.2% | 2.0% | 4.6% | 4.1% | 4.9% | 4.9% | 4.9% | 2.0% | 4.3% | 4.2% | 4.7% |

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Avg Borrowings Rate

5.71%

5.36%

5.93%

5.46%

MERIDIAN ECONOMICS Trusted Insight, Effective Solutions



Business & Industry Consulting Strategic Solutions **Financial Investments** \$50-100 \$2-10 \$10-50 \$100-500 \$500> <\$10 <\$50 <\$100 <\$500 <\$2 Millior Million Million Million TOTAL Million Million Million Million 02-2024 <Million Million PORTFOLIO ANALYTICS **Cash and Investments** Cash & CE as Pct of Assets 27% 13% 10% 9% 9% 8% 8% 14% 10% 10% 9% Investments as Pct of Asset 25% 32% 35% 30% 21% 16% 17% 31% 34% 32% 24% 12.7% 42.7% 31.6% 25.1% 21.0% 15.3% 12.0% 25.8% 23.2% 17.3% 12.8% Short-term Funding Ratio 2.81% Avg Cash & Investment Rat 3.06% 2.91% 2.85% 3.06% 3.65% 3.53% 3.05% 2.93% 2.89% 3.01% Loan Portfolio Total Loan Growth-Annl 1.5% -10.8% -9.1% -5.7% -2.1% 2.6% 1.9% -10.1% -9.2% -7.2% -3.3% -6.0% Consumer Loan Growth-Ar 2.3% -10.5% 138.3% -5.9% -17.5% -1.7% -2.3% 107.9% 35.5% -6.8% Mortgage Loan Growth-Ar -79.0% -13.9% -108.8% -5.2% 18.0% 6.1% 5.5% -48.9% -107.9% -58.5% 0.2% \$6,861 \$9,449 \$11,506 \$18,222 \$4,597 \$5,852 \$10,239 Avg Loan Balance \$4.051 \$6.816 \$21.146 \$9.302 Avg Loan Rate 7.24% 6.26% 5.79% 5.68% 5.64% 5.72% 5.72% 6.32% 5.84% 5.75% 5.66% 6.40% 4.91% 5.19% Avg Loan Yield, net 5.73% 5.31% 5.23% 5.16% 4.87% 5.36% 5.28% 5.77% Credit Mitigation-**Delinguency Rates-**Credit Cards 0.57% 2.17% 1.77% 1.38% 1.20% 2.03% 1.98% 2.15% 1.79% 1.54% 1.27% New Vehicle Loans 1.66% 0.69% 0.56% 0.40% 0.41% 0.50% 0.49% 0.74% 0.58% 0.49% 0.43% Used Vehicle Loans 3.54% 1.68% 1.27% 1.04% 0.99% 1.00% 1.01% 0.09% 0.10% 0.11% 0.20% Total Vehicle Loans 2.86% 1.29% 1.01% 0.83% 0.81% 0.82% 0.83% 1.38% 1.06% 0.94% 0.84% Real Estate Loans 1.00% 0.85% 0.56% 0.61% 1.10% 0.86% 0.69% 0.58% 18.14% 0.60% 0.61% **Total Loan Delinquency** 3.13% 1.37% 1.05% 0.85% 0.73% 0.85% 0.84% 1.08% 0.95% 0.78% 0.84% Net Charge-off Rates-**Credit Cards** -0.79% 1.36% 1.50% 1.78% 2.29% 5.32% 5.10% 1.33% 1.49% 1.67% 2.16% New Vehicle Loans 0.06% 0.09% 0.23% 0.44% 0.40% 0.74% 0.58% 0.49% 0.43% 0.10% 0.12% Used Vehicle Loans 1.00% 0.36% 0.46% 0.61% 0.74% 1.11% 1.03% 1.79% 1.33% 1.18% 1 04% Total Vehicle Loans 0.65% 0.26% 0.33% 0.45% 0.58% 0.87% 0.81% 0.28% 0.32% 0.39% 0.53% Non-Comml RE Loans 0.00% -0.01% 0.01% 0.02% 0.01% 0.01% 0.01% -0.01% 0.01% 0.02% 0.01% **Total Net Charge-offs** 1.05% 0.46% 0.39% 0.45% 0.47% 0.84% 0.79% 0.40% 0.43% 0.46% 0.79% "Misery" Indices--0.22% 3.53% 3.27% 3.16% 3.49% 7.35% 7.08% 3.47% 3.28% 3.21% 3.43% Credit Cards New Vehicle Loans 1.72% 0.78% 0.66% 0.52% 0.64% 0.94% 0.89% 1.49% 1.17% 0.98% 0.87% Used Vehicle Loans 4.54% 2.04% 1.73% 1.65% 1.73% 2.11% 2.04% 1.88% 1.43% 1.29% 1.24% Total Vehicle Loans 3.51% 1.55% 1.34% 1.28% 1.39% 1.69% 1.64% 1.66% 1.38% 1.33% 1.37% Non-Comml RE Loans 18.14% 0.99% 0.86% 0.62% 0.57% 0.62% 0.62% 1.09% 0.87% 0.70% 0.59% Total "Misery" Index 4.18% 1.83% 1.44% 1.30% 1.20% 1.69% 1.63% 1.48% 1.38% 1.24% 1.63% Funding Portfolio Share Growth YTD-Annl 0.3% -9.3% -7.3% -3.3% 1.3% 5.7% 4.8% -8.7% -7.4% -5.2% -0.3% Chkg & Savings YTD-Annl 0.3% -3.4% 0.5% -10.5% -8.3% -4.8% -11.3% -10.1% -6.7% 1.7% -10.1% Term CDs Growth YTD 15.6% 9.4% 13.7% 15.3% 19.7% 18.3% 18.3% 9.0% 13.3% 14.5% 18.7% Total Funding Growth YTD 0.3% -9.5% -7.6% -3.6% -2.7% 3.9% 2.8% -8.9% -7.8% -5.5% -3.4% Avg Share Balance per Mb \$2,545 \$5,321 \$9,071 \$10,530 \$12,414 \$14,110 \$13,662 \$4,977 \$8,389 \$9,459 \$11,518 Avg Share Balance \$11,161 \$14,616 \$6,618 \$10,488 \$15,399 \$24,582 \$21,701 \$14,335 \$6,990 \$8,583 \$12,857 Avg Share Rate 0.97% 0.98% 0.65% 0.99% 0.98% 1.10% 1.53% 2.39% 2.24% 1.04% 1.41% Core as Pct of Total Shares 93% 82% 73% 68% 59% 47% 49% 83% 74% 71% 62% Term CDs as Pct of Shares 5% 12% 15% 17% 22% 29% 27% 12% 15% 16% 21% Non-Member Deposit Ratio 1.4% 1.3% 1.2% 1.6% 1.4% 1.3% 1.4% 1.3% 1.2% 1.4% 1.4% Borrowings/Total Funding 0.4% 0.3% 0.2% 0.6% 2.5% 6.7% 6.0% 0.3% 0.2% 0.4% 2.0% Borrowings Growth YTD 0.0% -55.4% -95.1% -38.7% -90.3% -18.9% -23.9% -52.6% -90.6% -54.9% -88.8%

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Trusted Insight, Effective Solutions

RESOURCES

| Business & Industry Consulting | | Market Analysis | | Strategic Solutions | | Financial Investments | | Risk Management | | Regulatory Expert | | |
|--|---------------------|-------------------|---|---------------------|----------------------|-----------------------|----------------------|-------------------|-------------------|--------------------|-------------------|--|
| | | Market And | 17515 | | | | | | | - regardent Expert | | |
| | | | | | | | | | | | | |
| | <\$2 | \$2-10 | \$10-50 | \$50-100 | \$100-500 | \$500> | | <\$10 | <\$50 | <\$100 | <\$500 | |
| Q2-2024 | Million | Million | <million< td=""><td>Million</td><td>Million</td><td>Million</td><td>TOTAL</td><td>Million</td><td>Million</td><td>Million</td><td>Million</td></million<> | Million | Million | Million | TOTAL | Million | Million | Million | Million | |
| | | | | | | | | | | | | |
| Net Operating Profitability | 4 | | | | | | | | | | | |
| Earning Asset/Funding | 123% | 118% | 112% | 110% | 108% | 114% | 113% | 119% | 112% | 111% | 109% | |
| Non-Int Inc-to-Total Revenu | 22% | 10% | 16% | 19% | 20% | 17% | 113% | 115% | 15% | 17% | 105% | |
| Net Op Cash Flow (YTD-\$Mil: | (\$1) | (\$34) | (\$244) | \$74 | \$3,071 | \$27,707 | \$30,583 | (\$35) | (\$278) | (\$204) | \$2,867 | |
| Average Loan Balance | \$6,861 | \$9,449 | \$4,051 | \$6,816 | \$11,506 | \$21,146 | \$18,222 | \$9,302 | \$4,597 | \$5,852 | \$10,239 | |
| Average Share Balance | \$2,369 | \$4,204 | \$5,574 | \$5,990 | \$6,495 | \$6,940 | \$6,835 | \$4,008 | \$5,366 | \$5,697 | \$6,276 | |
| Loan Yield (ROA) | 3.47% | 3.32% | 3.07% | 3.22% | 3.68% | 4.12% | 4.04% | 3.33% | 3.10% | 3.16% | 3.55% | |
| Investment Yield (ROA) Shares/Funding | 1.45% 99.6% | 1.38% 99.7% | 1.28% 99.8% | 1.11% 99.4% | 0.90% 97.5% | 0.87% 93.3% | 0.89% 94.0% | 1.39% 99.7% | 1.29% 99.8% | 1.19% 99.6% | 0.97% 98.0% | |
| Sildres/Fulluling | 99.0% | 99.7% | 99.8% | 99.4% | 97.5% | 95.5% | 94.0% | 99.7% | 99.0% | 99.0% | 98.0% | |
| Net Operating Return per | FTE | | | | | | | | | | | |
| Interest Income per FTE | \$54,343 | \$80,361 | \$188,833 | \$198,731 | \$217,970 | \$350,517 | \$321,548 | \$77,854 | \$162,777 | \$180,689 | \$207,546 | |
| Avg Interest Exp per FTE | \$5,612 | \$13,773 | \$36,634 | \$43,644 | \$63,118 | \$139,308 | \$122,419 | \$12,987 | \$31,082 | \$37,340 | \$55,910 | |
| Gross Interest Inc per FTE | \$48,731 | \$66,588 | \$152,199 | \$155,088 | \$154,852 | \$211,209 | \$199,129 | \$64,867 | \$131,695 | | \$151,635 | |
| Provisions per FTE | \$4,454 | \$4,844 | \$11,035 | \$11,855 | \$14,837 | \$43,298 | \$37,302 | \$4,807 | \$9,573 | \$10,710 | \$13,683 | |
| Net Interest Income per FTE | \$44,276 | \$61,743 | \$141,164 | \$143,233 | \$140,014 | \$167,911 | \$161,827 | \$60,060 | \$122,122 | \$132,639 | \$137,952 | |
| Non-Interest Income per FT | \$15,145 | \$8,739 | \$34,685 | \$45,633 | \$53 <i>,</i> 882 | \$72,189 | \$67,533 | \$9,356 | \$28,738 | \$37,155 | \$49,205 | |
| Avg Operating Exp per FTE | \$54,521 | \$64,545 | \$149,091 | \$164,709 | \$167,448 | \$202,721 | \$194,394 | \$63,579 | \$129,015 | \$146,797 | \$161,674 | |
| Net Operating Exp per FTE | \$39,376 | \$55,806 | \$114,406 | \$119,076 | \$113,566 | \$130,531 | \$126,861 | \$54,223 | \$100,276 | \$109,642 | \$112,469 | |
| Avg Net Op Return per FT | \$ 4,900 | \$5,937 | \$26,758 | \$24,156 | \$26,448 | \$37,380 | \$34,966 | \$5,837 | \$21,846 | \$22,997 | \$25,483 | |
| Avg Net Op Neturn per i i | Ş 4 ,500 | 10,001 | <i>320,73</i> 8 | 7 2 7,130 | 920, 44 0 | 337,380 | 33 4 ,500 | 73,037 | 721,040 | 722,337 | | |
| | | | | | | | | | | | | |
| Revenue/Operating Expens | se Assessme | nt | | | | | | | | | | |
| Revenue- | | | | | | | | | | | | |
| Avg Revenue per FTE | \$69,488 | \$89,100 | \$223,519 | \$244,364 | \$271,852 | \$422,706 | \$389,080 | \$87,210 | \$191,516 | \$217,844 | \$256,751 | |
| - Total Revenue Ratio | 6.29% | 5.22% | 5.15% | 5.33% | 5.72% | 6.03% | 5.97% | 5.29% | 5.16% | 5.25% | 5.60% | |
| Operating Expenses- | | | | | | | | | | | | |
| Avg Revenue per FTE | \$64,588 | \$83,163 | \$196,761 | \$220,208 | \$245,404 | \$385,326 | \$354,114 | \$81,373 | \$169,669 | \$194,847 | \$231,267 | |
| - Total Revenue Ratio | 5.85% | 4.87% | 4.53% | 4.80% | 5.16% | 5.50% | 5.43% | 4.93% | 4.57% | 4.70% | 5.04% | |
| | | | | 4 | | | 4 | 4 | | | | |
| Avg Comp & Benefits per F - C & B Exp Ratio | \$24,944 2.26% | \$32,961 1.93% | \$69,924 1.61% | \$76,326 1.66% | \$83,883 1.76% | \$107,846 1.54% | \$102,129 1.57% | \$32,189 1.95% | \$61,064 1.65% | \$68,667 1.66% | \$79,628 1.74% | |
| - Pct of Total Op Expense | | 51% | 47% | 46% | 50% | 53% | 53% | 51% | 47% | 47% | 49% | |
| - FTE-to-Ops (Staff Eff) | 1.85 | 1.03 | 0.35 | 0.30 | 0.25 | 0.16 | 0.18 | 1.08 | 0.42 | 0.35 | 0.28 | |
| - Full-time Equivalents | 225 | 2,106 | 7,594 | 9,853 | 50,952 | 278,398 | 349,127 | 2,330 | 9,924 | 19,777 | 70,729 | |
| - Pct Part-time Employee | 78% | 70% | 15% | 9% | 7% | 4% | 6% | 71% | 32% | 21% | 11% | |
| Avg Occ & Ops Exp per FTE | \$16,927 | \$17,098 | \$39,874 | \$42,182 | \$41,569 | \$48,025 | \$46,533 | \$17,082 | \$34,522 | \$38,338 | \$40,665 | |
| - Occup & Ops Exp Ratio | 1.53% | 1.00% | 0.92% | 0.92% | 0.87% | 0.68% | 0.71% | 1.04% | 0.93% | 0.92% | 0.89% | |
| Pct of Total Op Expense | 31% | 26% | 27% | 26% | 25% | 24% | 24% | 27% | 27% | 26% | 25% | |
| Avg All Other Exp per FTE | \$12,650 | \$14,486 | \$39,294 | \$46,201 | \$41,996 | \$46,850 | \$45,732 | \$14,309 | \$33,428 | \$39,792 | \$41,380 | |
| - All Other Expense Ratio | 1.15% | 0.85% | 0.90% | 1.01% | 0.88% | 0.67% | 0.70% | 0.87% | 0.90% | 0.96% | 0.90% | |
| Pct of Total Op Expense | 23% | 22% | 26% | 28% | 25% | 23% | 24% | 23% | 26% | 27% | 26% | |
| | | | | | | | | | | | | |
| Membership Outreach- | | | | | | | | | | | | |
| Members-to-Potential | 11.3% | 5.9% | 2.9% | 2.3% | 1.9% | 3.1% | 2.9% | 6.3% | 3.1% | 2.6% | 2.1% | |
| Members-to-FTEs Borrower-to-Members | 339 22.8% | 256 36.4% | 405 137.1% | 375 100.4% | 333 80.6% | 419 57.4% | 404 63.0% | 264 34.5% | 372 112.3% | 373 102.6% | 344 80.9% | |
| Branches | 22.370 | 666 | 1,729 | 1,435 | 4,673 | 12,529 | 21,312 | 947 | 2,675 | 4,110 | 8,783 | |
| Members per Branch | 271 | 810 | 1,780 | 2,572 | 3,632 | 9,312 | 6,617 | 650 | 1,380 | 1,796 | 2,773 | |
| Avg Accts per Member | 1.0 | 1.1 | 1.5 | 1.5 | 1.6 | 1.7 | 1.7 | 1.0 | 1.4 | 1.4 | 1.5 | |
| Avg Loans per Member | 0.2 | 0.4 | 1.5 1.4 | 1.5 1.0 | 1.6 0.8 | 1.7 0.6 | 1.7 0.6 | 0.3 | 1.4 1.2 | 1.4 1.1 | 0.9 | |
| Avg Loans per Member | 0.2 4.4 | 0.4 | 1.4 | 1.0 | 0.8 | 0.6 | 0.6 | 29 | 1.2 | 1.1 | 0.9 | |

1.2

1.9

0.5

1.7

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1.3

0.8

Avg 1 Loan for every XX.X I

Avg Savings per Member

Avg 1 Savings for every XX.

4.4

1.1

0.9





| Business & Industry Consulting | | Market Analysis | | Strategic Solutions | | Financial Investments | | Risk Management | | Regulatory Expert | |
|--------------------------------|-----------------|-------------------|---|---------------------|----------------------|-----------------------|-------|------------------|------------------|-------------------|-------------------|
| Q2-2024 | <\$2 Million | \$2-10 Million | \$10-50 <million< th=""><th>\$50-100 Million</th><th>\$100-500 Million</th><th>\$500> Million</th><th>TOTAL</th><th><\$10 Million</th><th><\$50 Million</th><th><\$100 Million</th><th><\$500 Million</th></million<> | \$50-100 Million | \$100-500 Million | \$500> Million | TOTAL | <\$10 Million | <\$50 Million | <\$100 Million | <\$500 Million |
| NET INFRASTRUCTURE COST | Г: | | | | | | | | | | |
| Fee Income | 1.37% | 0.51% | 0.80% | 0.99% | 1.13% | 1.03% | 1.04% | 0.57% | 0.77% | 0.90% | 1.07% |
| Compensation & Benefits | 2.26% | 1.93% | 1.61% | 1.66% | 1.76% | 1.54% | 1.57% | 1.95% | 1.65% | 1.66% | 1.749 |
| Travel & Conference | 0.05% | 0.03% | 0.03% | 0.04% | 0.04% | 0.02% | 0.02% | 0.03% | 0.03% | 0.03% | 0.049 |
| Office Occupancy | 0.24% | 0.16% | 0.20% | 0.22% | 0.22% | 0.17% | 0.17% | 0.17% | 0.20% | 0.21% | 0.22 |
| Office Operations | 1.29% | 0.84% | 0.72% | 0.70% | 0.66% | 0.52% | 0.54% | 0.87% | 0.73% | 0.72% | 0.67 |
| Educational & Promo | 0.03% | 0.03% | 0.07% | 0.09% | 0.11% | 0.11% | 0.11% | 0.03% | 0.07% | 0.08% | 0.10 |
| Loan Servicing | 0.16% | 0.13% | 0.19% | 0.23% | 0.24% | 0.19% | 0.19% | 0.13% | 0.18% | 0.21% | 0.23 |
| Professional & Outside Sv | 0.48% | 0.47% | 0.48% | 0.50% | 0.40% | 0.24% | 0.27% | 0.47% | 0.48% | 0.49% | 0.42 |
| 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 | 0.06% | 0.03% | 0.02% | 0.02% | 0.02% | 0.01% | 0.01% | 0.03% | 0.02% | 0.02% | 0.02 |
| Miscellaneous | 0.32% | 0.15% | 0.10% | 0.13% | 0.07% | 0.10% | 0.10% | 0.16% | 0.11% | 0.12% | 0.09 |
| Total Ops Expense | 4.94% | 3.78% | 3.43% | 3.59% | 3.52% | 2.89% | 2.98% | 3.85% | 3.48% | 3.54% | 3.53 |
| Net Operating Expense | 3.57% | 3.27% | 2.63% | 2.60% | 2.39% | 1.86% | 1.95% | 3.29% | 2.70% | 2.64% | 2.45 |

NET INFRASTRUCTURE COST PER FULL-TIME EQUIVALENT

| Fee Income | \$15,145 | \$8,739 | \$34,685 | \$45,633 | \$53,882 | \$72,189 | \$67,533 | \$9,356 | \$28,738 | \$37,155 | \$49,205 |
|---------------------------|------------------|------------------|-------------------|-------------------|-----------|-----------|-------------------|-------------------|-------------------|-------------------|-----------|
| | | | | | 1 / | . , | 1 - 7 | 1-7 | | | , |
| Compensation & Benefits | \$24,944 | \$32,961 | \$69,924 | \$76 <i>,</i> 326 | \$83,883 | \$107,846 | \$102,129 | \$32 <i>,</i> 189 | \$61,064 | \$68 <i>,</i> 667 | \$79,628 |
| Travel & Conference | \$535 | \$475 | \$1,290 | \$1,624 | \$1,727 | \$1,451 | \$1,485 | \$481 | \$1,100 | \$1,361 | \$1,625 |
| Office Occupancy | \$2 <i>,</i> 673 | \$2,755 | \$8,638 | \$10,028 | \$10,363 | \$11,616 | \$11,268 | \$2,747 | \$7,255 | \$8,637 | \$9,880 |
| Office Operations | \$14,254 | \$14,343 | \$31,235 | \$32 <i>,</i> 154 | \$31,206 | \$36,408 | \$35 <i>,</i> 265 | \$14,335 | \$27,267 | \$29,702 | \$30,785 |
| Educational & Promo | \$356 | \$522 | \$3 <i>,</i> 055 | \$3 <i>,</i> 958 | \$5,260 | \$7,694 | \$7 <i>,</i> 085 | \$506 | \$2 <i>,</i> 457 | \$3 <i>,</i> 205 | \$4,685 |
| Loan Servicing | \$1,782 | \$2,185 | \$8,243 | \$10,657 | \$11,540 | \$13,139 | \$12,660 | \$2,146 | \$6,812 | \$8,728 | \$10,754 |
| Professional & Outside Sv | \$5 <i>,</i> 345 | \$7,979 | \$21 <i>,</i> 043 | \$22 <i>,</i> 877 | \$19,038 | \$16,889 | \$17,404 | \$7,725 | \$17 <i>,</i> 916 | \$20 <i>,</i> 388 | \$19,415 |
| Member Insurance | \$445 | \$190 | \$158 | \$81 | \$114 | \$59 | \$67 | \$215 | \$171 | \$126 | \$117 |
| Operating Fees | \$624 | \$570 | \$974 | \$913 | \$773 | \$624 | \$661 | \$575 | \$881 | \$897 | \$808 |
| Miscellaneous | \$3,563 | \$2 <i>,</i> 565 | \$4,530 | \$6 <i>,</i> 090 | \$3,545 | \$6,994 | \$6 <i>,</i> 370 | \$2,661 | \$4,091 | \$5 <i>,</i> 087 | \$3,976 |
| Total Ops Expense | \$54,521 | \$64,545 | \$149,091 | \$164,709 | \$167,448 | \$202,721 | \$194,394 | \$63,579 | \$129,015 | \$146,797 | \$161,674 |
| | | | | | | | | | | | |
| Net Operating Expense | \$39,376 | \$55,806 | \$114,406 | \$119,076 | \$113,566 | \$130,531 | \$126,861 | \$54,223 | \$100,276 | \$109,642 | \$112,469 |

ALL ALLOCATION OF OPERATING EXPENSES

| Compensation & Benefits | 45.8% | 51.1% | 46.9% | 46.3% | 50.1% | 53.2% | 52.5% | 50.6% | 47.3% | 46.8% | 49.3% |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Travel & Conference | 1.0% | 0.7% | 0.9% | 1.0% | 1.0% | 0.7% | 0.8% | 0.8% | 0.9% | 0.9% | 1.0% |
| Office Occupancy | 4.9% | 4.3% | 5.8% | 6.1% | 6.2% | 5.7% | 5.8% | 4.3% | 5.6% | 5.9% | 6.1% |
| Office Operations | 26.1% | 22.2% | 21.0% | 19.5% | 18.6% | 18.0% | 18.1% | 22.5% | 21.1% | 20.2% | 19.0% |
| Educational & Promo | 0.7% | 0.8% | 2.0% | 2.4% | 3.1% | 3.8% | 3.6% | 0.8% | 1.9% | 2.2% | 2.9% |
| Loan Servicing | 3.3% | 3.4% | 5.5% | 6.5% | 6.9% | 6.5% | 6.5% | 3.4% | 5.3% | 5.9% | 6.7% |
| Professional & Outside Sv | 9.8% | 12.4% | 14.1% | 13.9% | 11.4% | 8.3% | 9.0% | 12.2% | 13.9% | 13.9% | 12.0% |
| Member Insurance | 0.8% | 0.3% | 0.1% | 0.0% | 0.1% | 0.0% | 0.0% | 0.3% | 0.1% | 0.1% | 0.1% |
| Operating Fees | 1.1% | 0.9% | 0.7% | 0.6% | 0.5% | 0.3% | 0.3% | 0.9% | 0.7% | 0.6% | 0.5% |
| Miscellaneous | 6.5% | 4.0% | 3.0% | 3.7% | 2.1% | 3.4% | 3.3% | 4.2% | 3.2% | 3.5% | 2.5% |
| Total Ops Expense | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |