

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%		<b></b> 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%

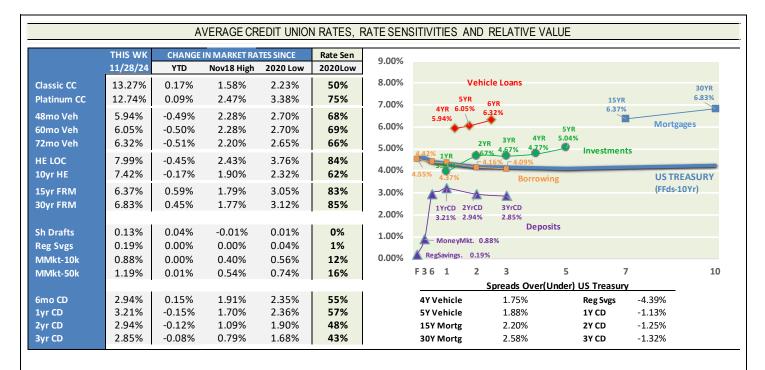


# **RESOURCES**

Business & Industry Consulting Ma

Strategic Solutions Financial Investments

Regulatory Exp



#### 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%.

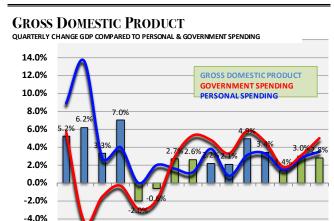
Recall that GDP is the value of goods and services produced by the economic - something that the hyper-inflationary environment as similarly elevated. The reason this is important is that it puts a completely different perspective on core economic strength and challenges Federal Reserve policy-makers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

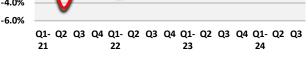
There is so much "noise" in the metrics that have been released that the government is sending mixed signals. The employment sector looks to be functioning with low unemployment but most of the job growth has come from part-time, relatively low paying positions. Some are saying that inflation is falling 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





Brian Turner President

President & Chief Economist

bturner@Meridian-ally.com

972.740.9531

www.Meridian-ally.com



cial Investments

Strategic Solutions

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%	<b>31</b> Jobless Claims Cont'd Claims	<b>30</b> 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



Business & Industry Consulting

Market Analysis

nvestments Risk Management

Regulatory Expert

**RESOURCES** <sup>III</sup>

			ECO	NOMIC FO	ORECAST						
									(L	Octo Ipdated Octol	<b>ber 202</b> 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 <b>Vehicle Sales-</b>	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 <b>Vehicle Sales-</b>	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%
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% 6.6% 6.5%	27% 16.0 8.5% 5.4% 4.1% 3.8% 4.4% 6.5% 6.6%	31% 16.3 8.0% 4.9% 4.0% 4.2% 3.9% 6.3% 5.8%	45% 16.0 7.3% 4.3% 4.2% 4.4% 4.5% 6.3% 5.6%	43% 15.9 7.3% 4.3% 4.2% 4.4% 4.5% 6.2% 5.4%	38% 16.1 7.0% 4.0% 4.1% 4.3% 4.4% 6.2% 5.4%	39% 16.4 7.0% 4.0% 4.1% 4.3% 4.4% 6.1% 5.3%	40% 16.3 6.8% 3.8% 4.0% 4.2% 4.3% 6.1% 5.3%	42% 16.2 6.8% 3.8% 4.0% 4.2% 4.3% 6.2% 5.4%	37% 16.5 6.8% 3.8% 4.0% 4.2% 4.3% 6.1% 5.3%	37% 16.7 6.8% 3.8% 4.0% 4.2% 4.3% 6.1% 5.3%



Strategic Soluti

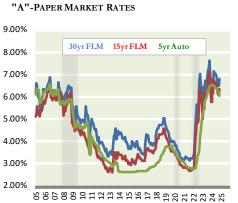
Investments R

Regulatory Exper

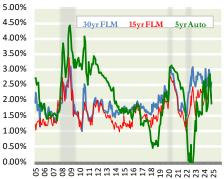
#### INDICATIVE PRICING SPREADS AND RELATIVE VALUE OF INVESTMENT OPTIONS

	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** 



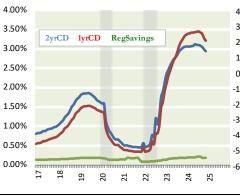
#### "A"-PAPER PRICING SPREADS

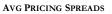


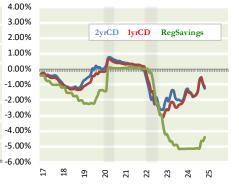
**RESOURCES** <sup>TM</sup>

	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

тм

**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&gt; Million</td><td>TOTAL</td><td>&lt;\$10 Million</td><td>&lt;\$50 Million</td><td>&lt;\$100 Million</td><td>&lt;\$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% <b>4.41%</b>	4.70% 0.81% <b>3.90%</b>	4.35% 0.84% <b>3.50%</b>	4.33% 0.95% <b>3.38%</b>	4.58% 1.33% <b>3.26%</b>	5.00% 1.99% <b>3.01%</b>	4.93% 1.88% <b>3.05%</b>	4.72% 0.79% <b>3.93%</b>	4.39% 0.84% <b>3.55%</b>	4.36% 0.90% <b>3.46%</b>	4.53% 1.22% <b>3.31%</b>
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	<b>4.01%</b> 1.37%	<b>3.61%</b> 0.51%	<b>3.25%</b> 0.80%	<b>3.12%</b> 0.99%	<b>2.94%</b> 1.13%	<b>2.39%</b> 1.03%	<b>2.48%</b> 1.04%	<b>3.64%</b> 0.57%	<b>3.29%</b> 0.77%	<b>3.20%</b> 0.90%	<b>3.01%</b> 1.07%
Non-Interest Expense Net Operating Expense	4.94% <b>3.57%</b>	3.78% <b>3.27%</b>	3.43% <b>2.63%</b>	3.59% <b>2.60%</b>	3.52% <b>2.39%</b>	2.89% <b>1.86%</b>	2.98% <b>1.95%</b>	3.85% 3.29%	3.48% <b>2.70%</b>	3.54% <b>2.64%</b>	3.53% <b>2.45%</b>
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%

ReSOURCES is a registered trademark of MERIDIAN ECONOMICS LLC. All rights reserved.



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%

ReSOURCES is a registered trademark of MERIDIAN ECONOMICS LLC. All rights reserved.

5.22%

5.14%

5.38%

5.87%

5.57%

3.88%

3.80%



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 <del>4</del> ,500	10,001	<i>320,73</i> 8	7 <b>2</b> 7,130	920, <del>44</del> 0	<b>337,380</b>	33 <del>4</del> ,500	73,037	<b>721,040</b>	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%	
<b>Operating Expenses-</b>												
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%	
<ul> <li>Pct of Total Op Expense</li> </ul>	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%	
<ul> <li>Pct of Total Op Expense</li> </ul>	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

2.0

0.5

1.6

2.0

0.5

2.9

1.2

0.8

0.8

1.6

0.6

0.9

1.7

0.6

1.1

1.8

0.5

0.7

1.6

0.6

1.0

1.8

0.6

2.7

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&gt; Million</th><th>TOTAL</th><th>&lt;\$10 Million</th><th>&lt;\$50 Million</th><th>&lt;\$100 Million</th><th>&lt;\$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%