



Market Analysis Strategic Solutions

Financial Investments

Regulatory Expert

30 June 2023

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Business & Industry Consulting

US Treasury Rates-THIS WK LAST MO **YR END** LAST YR CHANGES SINCE YIELD CURVE ASSESSMENT BENCHMARK INTEREST RATES AND YIELD CURVE 6/29/23 5/29/23 12/31/22 6/29/22 This Yr Last Yr This Cycle* 6.00% Prime 8.25% 8.25% 7.50% 4.75% 0.75% 3.50% 5.00% 5.50% Fed Funds 5.07% 5.08% 4.33% 1.58% 0.74% 3.49% 5.02% 5.00% 5.46% 4.34% 4.42% 1.78% 1.04% 3.68% 5.35% 3mo 4.50% 6mo 5.50% 5.44% 4.76% 2.55% 0.74% 2.95% 5.36% 4.00% 5.41% 4.73% 2.88% 0.68% 5.24% 5.25% 2.53% 3.50% 2yr 4.87% 4.54% 4.41% 3.06% 0.46% 1.81% 4.67% 3yr 4.49% 4.23% 4.22% 3.13% 0.27% 1.36% 4.25% 3.00% 3.80% 5yr 4.14% 3.92% 3.99% 3.15% 0.15% 0.99% 2.50% 3.96% 3.17% 0.03% 3.51% 7yr 3.99% 3.86% 0.82% 2.00% 10yr 3.85% 3.80% 3.88% 3.10% -0.03% 0.75% 3.27% 1.50% 3.92% 3.96% 3.97% 3.22% -0.05% 0.70% 2.75% 30yr 1.00% Slope of the Yield Curve-0.50% BEG IN YR 2yr-3mo -0.59% 0.20% -0.01% 1.28% -0.58% -1.87% -1.22% 0.00% CURRENT -0.73% 5yr-2yr -0.62% -0.42% 0.09% -0.31% -0.82% -0.84% 2 - • Nov2018 2 -0.12% 10yr-5yr -0.29% -0.11% -0.05% -0.18% LAST YEAR -0.24% -0.44% • Apr 2020 10yr-3mo -1.61% -0.54% -0.54% 1.32% -1.07% -2.93% -2.50% *Since Mar 2020

Q1 ECONOMIC GROWTH ESTIMATE RISES TO 2.0%; BUT DON'T START CELEBRATING JUST YET

Gross domestic product (GDP) increased at an annual rate of 2% in the first quarter of 2023, according to the third and final estimatereleased by the Bureau of Economic Analysis, marking a slowdown from the 2.6% increase experienced in the final quarter of 2022.

The increase in first-quarter real GDP was revised up 0.7 percentage points from the second estimate, the BEA said. The upward revision was mainly driven by an increase in exports and consumer spending.

Despite evidence of economic growth, some factors suggest a recession may still be near. espite a 5.0% increse in government spending and a 4.2% in consumer spending, domestic investment dropped -11.9% - the largest quarterly decline since Q2 2022.

A range of leading indicators point to a meaningful probability of recession in the coming quarters at the same time that the Federal Reserve ups the ante on rate hikes as they continue to wage their focused fight to tame inflation.

Moreover, 67% of U.S. adults said they expect a recession later this year.

		LATEST	CURRENT	PREV
GDP	QoQ	Q1-2nd	2.0%	2.6%
GDP - YTD	Annl	Q1-2nd	2.0%	0.9%
Consumer Spending	QoQ	Q1-2nd	4.2%	1.0%
Consumer Spending YTD	Annl	Q1-2nd	4.2%	1.7%
Unamentary and Data	N.4-	N.4	3.7%	2 40/
Unemployment Rate	Мо	May		3.4%
Underemployment Rate	Mo	May	6.7%	6.6%
Participation Rate	Мо	May	62.6%	62.6%
Wholesale Inflation	YoY	May	1.1%	2.3%
Consumer Inflation	YoY	May	4.0%	4.9%
Core Inflation	YoY	,	5.3%	4.9% 5.5%
	TOT	May	5.570	5.5%
Consumer Credit	Annual	April	5.7%	5.7%
Retail Sales	YoY	May	3.5%	3.8%
Vehicle Sales	Annl (Mil)	May	15.6	16.5
Home Sales	Annl (Mil)	June	4.983	4.963
Home Prices	YoY	April	-0.2%	0.7%

Key Consumer Market Data-

	THIS WK	YR END	PCT C	HANGES
	6/29/23	12/31/22	YTD	12Mos
DJIA	34,122	33,147	2.9%	10.9%
S&P 500	4,396	3,839	14.5%	16.1%
NASDAQ	13,591	10,466	29.9%	23.2%
Crude Oil	69.67	80.26	-13.2%	-35.7%
Avg Gasoline	3.57	3.22	10.9%	-26.7%
Gold	1,916	1,826	4.9%	5.9%



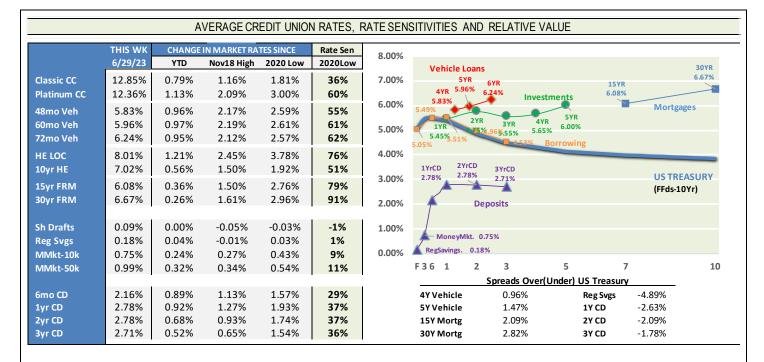


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STRATEGICALLY FOR CREDIT UNIONS

Still, Americans' disposable income increased to \$587.9 billion in the first quarter, a 12.9% spike from the previous estimate. In addition, personal savings reached \$840.9 billion in the first quarter, marking an upward revision of \$11.6 billion from the previous estimate.

The personal saving rate as a percentage of disposable income was 4.3% in the first quarter, an upward revision of 0.1 percentage points from the last estimate.

Regardless of confidence in the economy, some Americans fear a recession is looming. The Expectations Index—based on consumers' short-term outlook for economic factors like labor market conditions—reached 79.3 points in June, up from 71.5 points in May.

The impact of inflation continues, and Americans are reminded about elevated prices every time they fill up their gas tanks. However, worries about recession are quickly rising from nil to real.

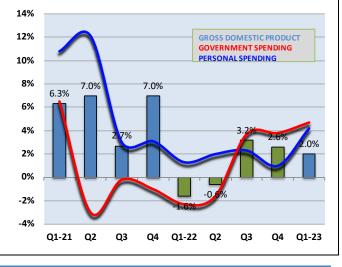
For Gen Z in particular, that means learning how to prepare for the long-term and the risk of the first sustained economic downturn in their young professional lives.

One specific focus for the Fed has been the labor market. There currently are about 1.7 open positions for every available worker, and the tightness has resulted in a push higher for wages which generally have not kept pace with inflation.

ECONOMIC RELEASES			
RELEASES THIS WEEK:	Current	Projected	Previous
Home Prices (April, YoY	-0.2%	-0.85%	0.70%
Consumer Confidence (June)	109.7	103.0	102.3
New Home Sales (May, Annl)	763k	670k	683k
GDP (Q1, Final)	2.0%	1.4%	1.3%
RELEASES FOR UPCOMING WEEK:		Projected	Previous
FOMC Minutes			
Unemployment Rate (June)		3.7%	3.7%

GROSS DOMESTIC PRODUCT

QUARTERLY CHANGE GDP COMPARED TO PERSONAL & GOVERNMENT SPENDING



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		ECONOMIC	CALENDAR						
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY				
May 29 MEMORIAL DAY HOLIDAY	30 Home Prices +0.7% Consumer Conf 102.3	31	June 1 Jobless Claims Cont'd Claims	2 Unemployment 3.7% Nonfarm Payroll 339k Private Payroll 283k Vehicle Sales	3				
5	6	7 Consumer Credit 5.7%	8 Jobless Claims 261k Cont'd Claims 1.76M	9	10				
12	13 Consumer Inflation 4.0%	14 Wholesale Inflation 1.2%	15 Jobless Claims 262k Cont'd Claims 1.78M Retail Sales 1.6%	16	17				
19	20	21	22 Jobless Claims 264k Cont'd Claims 1.76M Existing Home Sales 4.3M Leading Indicators -0.7%	23	24				
26	27 Home Prices -0.2% New Home Sales 763k	28	29 Jobless Claims 239k Cont'd Claims 1.74M GDP (Q1, Final) 2.0%	30 Personal Income Personal Spending	July 1				
3 Construction Spdg	4 INDEPENDENCE DAY HOLIDAY	5 FOMC Minutes	6 Jobless Claims Cont'd Claims Vehicle Sales	7 Unemployment Nonfarm Payroll Private Payroll	8				
10 Consumer Credit	11	12 Consumer Inflation FRB Beige Book	13 Jobless Claims Cont'd Claims Wholesale Inflation	14	15				
17	18 Retail Sales Industrial Production	19	20 Jobless Claims Cont'd Claims	21	22				
24	25 Home Prices Consumer Confidence	26 New Home Sales FOMC Decision	27 Jobless Claims Cont'd Claims GDP (Q2-1st)	28 Personal Income Personal Spending	29				





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FCOM	JOM	IC E	ORE	CAST

JUNE	2023
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		2022			20	23			20	24	
	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Economic Growth-											
GDP - (QoQ)	-0.6%	3.2%	2.6%	2.0%	0.2%	-0.7%	-0.5%	0.6%	1.4%	2.1%	1.9%
GDP - (YTD)	-1.1%	0.3%	0.9%	2.0%	1.1%	0.5%	0.3%	0.6%	1.0%	1.4%	1.5%
Consumer Spending - (QoC	2.0%	2.3%	1.0%	4.2%	1.1%	0.2%	0.5%	1.0%	0.9%	1.4%	1.4%
Consumer Spending - (YTD)	1.7%	1.9%	1.7%	4.2%	2.7%	1.8%	1.5%	1.0%	1.0%	1.1%	1.2%
Government Spending - (Q	-1.6%	3.7%	3.8%	5.2%	1.0%	2.2%	0.6%	0.7%	0.7%	0.6%	8.0%
Government Spending - (YI	-2.0%	-0.1%	0.9%	5.2%	3.1%	2.8%	2.3%	0.7%	0.7%	0.7%	2.5%
Consumer Wealth-											
Unemployment Rate	3.6%	3.5%	3.6%	3.5%	3.7%	4.1%	4.7%	5.0%	5.0%	4.7%	4.6%
Consumer Inflation	8.6%	8.3%	7.1%	5.8%	4.1%	3.6%	3.2%	2.7%	2.6%	2.4%	2.3%
Home Prices (YoY)	15.2%	10.4%	5.8%	2.1%	-0.5%	-1.4%	-1.7%	-1.2%	-0.5%	1.2%	1.8%
	13.270	10.470	5.670	2.170	0.570	1.470	1.770	1.270	0.570	1.270	1.07
SINGLE FAMILY HOME & VE	HICLE LOAN	N MARKETS		-				-			
Home Sales-											
Total Home Sales (Mil)	5.982	5.350	4.795	4.979	5.078	4.919	4.871	5.065	5.217	5.414	5.702
Existing Home (Mil)	5.373	4.770	4.197	4.328	4.383	4.230	4.202	4.369	4.506	4.689	4.938
New Home Sales (Mil)	0.609	0.580	0.598	0.651	0.695	0.689	0.669	0.696	0.711	0.725	0.764
Mortgage Originations-											
Single Family Homes (Mils)	1.790	1.206	0.972	0.816	1.216	1.202	1.286	1.180	1.505	1.463	1.490
Purchase Apps (Mils)	1.202	0.946	0.790	0.634	0.876	0.883	0.911	0.751	1.039	0.977	1.009
Refinancing Apps (Mils)	0.588	0.260	0.182	0.182	0.252	0.287	0.351	0.336	0.392	0.452	0.462
Refi Apps Share	33%	22%	19%	22%	21%	24%	27%	28%	26%	31%	31%
Vehicle Sales-											
Vehicle Sales (Mil)	13.5	14.0	13.9	15.7	15.6	15.5	16.5	16.1	16.3	16.5	16.7
MARKET RATE OUTLOOK				-				-			
Benchmark Rates-											
Prime	3.5%	6.3%	7.3%	7.8%	8.2%	8.2%	8.2%	7.5%	7.0%	6.5%	6.0%
Fed Funds	1.6%	3.1%	4.4%	4.9%	5.1%	5.1%	5.1%	4.6%	4.1%	3.6%	3.1%
3yr UST	3.0%	4.2%	4.2%	3.5%	4.2%	4.1%	4.0%	3.5%	3.0%	2.7%	2.7%
7yr UST	3.0%	4.0%	4.0%	3.3%	3.9%	3.8%	3.6%	3.4%	3.0%	2.9%	2.8%
10yr UST	2.9%	3.1%	3.8%	3.6%	3.6%	3.5%	3.3%	3.2%	3.0%	3.0%	2.9%
Market Rates-	2 40/	4 5 0/	F 00/	E E 0/	E 00/	E 00/	E 00/	F 70/	F (0/		F (0)
5yr Vehicle Loan Rate	3.4%	4.5%	5.0%	5.5% 5.5%	5.8%	5.8% 5.7%	5.8%	5.7% 5.1%	5.6% 4.9%	5.6%	5.6% 4.5%
					L 110/			L 10/			
15yr First-lien Mortgage 30yr First-lien Mortgage	4.8% 5.3%	5.5% 5.7%	5.7% 6.6%	5.5% 6.4%	6.0% 6.5%	6.2%	5.3% 5.8%	5.6%	4.9% 5.4%	4.7% 5.2%	4.5%



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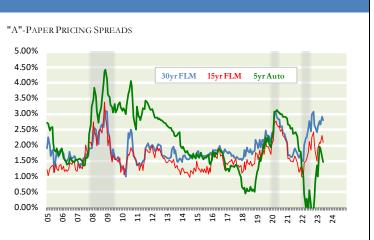
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RESOURCES

STRATEGIC ASSESSMENT OF RELATIVE VALUE INVESTMENT AND FUNDING OPTIONS

RELATIVE VALUE OF MARGINAL INVESTMENT OPTIONS





	Current		Then for			The Net Retu	ırn 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	5.07%	-	-	-	-	-	-	-	-	-	-
1yr Agy	5.45%	1 year	4 years	6.98%	6.24%	6.09%	6.28%	5.26%	5.72%	4.99%	5.60%
2yr Agy Callable	5.75%	2 years	3 years	7.28%	6.30%	6.10%	6.35%	4.87%	5.55%	3.92%	5.15%
3yr Agy Callable	5.55%	3 years	2 years	8.35%	6.88%	6.58%	6.95%	4.59%	5.95%	-	-
3yr Agy MBS	5.14%	3 years	2 years	8.97%	7.49%	7.19%	7.57%	5.82%	7.18%	-	-
4yr Agy Callable	5.65%	4 years	1 year	10.75%	7.80%	7.20%	7.95%	-	-	-	-
4yr Agy MBS	5.31%	4 years	1 year	12.11%	9.16%	8.56%	9.31%	-	-	-	-
5yr Agy Callable	6.00%	5 years	-	-	-	-	-	-	-	-	-
5yr New Vehicle	5.96%	3 years	2 years	7.74%	6.26%	-	-	-	-	-	-
5yr Used Vehicle	6.11%	3 years	2 years	7.51%	6.04%	-	-	-	-	-	-
15yr Mortgage	6.08%	5 years	-	-	-	-	-	-	-	-	-
30yr Mortgage	6.67%	5 years	-	-	-	-	-	-	-	-	-

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

RELATIVE VALUE OF MARGINAL FUNDING OPTIONS

	Current		Then for	The Net Cos	st Needed to I	Break-even A	gainst*:
	Cost	For	the Next	3Y CD	3Y FHLB	2Y CD	2Y FHLB
Share Draft	0.09%	1 year	2 years	4.02%	6.75%	5.47%	9.83%
Regular Savings	0.18%	1 year	2 years	3.98%	6.71%	5.38%	9.74%
Money Market	0.75%	1 year	2 years	3.69%	6.42%	4.81%	9.17%
FHLB Overnight	5.05%	1 year	2 years	1.54%	4.27%	0.51%	4.87%
Catalyst Settlement	6.65%	1 year	2 years	0.74%	3.47%	-0.55%	3.27%
6mo Term CD	2.16%	6 mos	2.5 yrs	2.82%	5.00%	2.99%	5.89%
6mo FHLB Term	5.49%	6 mos	2.5 yrs	2.15%	4.34%	1.88%	4.78%
6mo Catalyst Term	6.01%	6 mos	2.5 yrs	2.05%	4.23%	1.70%	4.61%
1yr Term CD	2.78%	1 year	2 years	2.68%	5.41%	2.78%	7.14%
1yr FHLB Term	5.51%	1 year	2 years	1.31%	4.04%	0.05%	4.41%
2yr Term CD	2.78%	2 years	1 year	2.57%	8.03%	-	-
2yr FHLB Term	4.96%	2 years	1 year	-1.79%	3.67%	-	-
3yr Term CD	2.71%	3 years	-	-	-	-	-
3yr FHLB Term	4.53%	3 years	-	-	-	-	-

* Highest relative value noted by highest differentials and volatility projections



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01-2023	<\$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
	WIIIIOII	IVIIIIOII		WIIIIOH	MIIIION	IVIIIIOII	IUIAL	WIIIIOII	WIIIIOII	WIIIIOII	WIIIIOII
DEMOGRAPHICS								1			
Number of Credit Unions	286	664	1,329	655	1,066	712	4,712	950	2,279	2,934	4,000
Average Assets (\$Mil) Pct of Credit Unions	\$0.913 6%	\$5.7 14%	\$26.3 28%	\$73.1 14%	\$229.4 23%	\$2,640.1 15%	\$469.3 100%	\$4.2 20%	\$17.1 48%	\$29.6 62%	\$82.9 85%
Pct of Industry Assets	0.0%	0.2%	28%	2%	11%	85%	100%	0%	2%	4%	15%
	0.070	0.270	270	270	11/0	0570	10070	070	270	470	1370
GROWTH RATES (YTD)	7.69/	4.50/	0.00/	0.001	0.70/	0.001	0.00/	4 = 0 (0.40/	2.001	0.00/
Total Assets	-7.6%	-4.5%	-8.8%	-0.2%	2.7%	9.3%	8.0%	-4.7%	-8.4%	-3.9%	0.9%
Total Loans - Direct Loans	0.0% -1.0%	3.1% 3.1%	-4.5% -4.5%	2.7% 3.1%	1.4% -0.3%	7.1% 9.0%	6.3% 7.7%	2.9% 2.8%	-3.8% -3.8%	-0.1% 0.1%	1.0% -0.2%
- Indirect Loans	-	0.0%	-4.9%	-1.1%	10.1%	-1.0%	0.0%	117.6%	-4.6%	-1.8%	8.7%
Total Shares	-5.3%	-4.1%	-7.6%	-0.3%	2.6%	8.4%	7.3%	-4.1%	-7.3%	-3.4%	1.0%
- Checking & Savings	-7.3%	-6.5%	-11.4%	-2.7%	-2.1%	-0.9%	-1.4%	-6.5%	-10.8%	-6.5%	-3.4%
Net Worth	-3.3%	-1.0%	-4.4%	3.8%	5.6%	8.4%	7.7%	-1.2%	-4.0%	0.1%	4.0%
BALANCE SHEET ALLOCATION	٧										
Net Worth-to-Total Assets	18.7%	16.2%	12.3%	11.7%	10.9%	10.7%	10.7%	16.4%	12.7%	12.1%	11.2%
Cash & Inv-to-Total Assets	50.9%	47.4%	46.6%	40.8%	31.2%	24.9%	26.3%	47.7%	46.7%	43.4%	34.4%
Loans-to-Total Assets	44.0%	48.4%	49.1%	54.5%	63.0%	70.8%	69.2%	48.1%	49.0%	52.0%	60.1%
Vehicle-to-Total Loans	63.6%	67.5%	52.5%	44.8%	39.2%	30.9%	32.2%	67.2%	54.0%	48.7%	41.4%
REL-to-Total Loans REL-to-Net Worth	1.2% 2.8%	6.3% 18.9%	28.4% 113.5%	39.2% 182.5%	46.1% 267.5%	54.0% 358.6%	52.6% 338.9%	6.0% 17.7%	26.1% 100.8%	33.7% 144.2%	43.3% 232.4%
Indirect-to-Total Loans	0.4%	0.1%	3.7%	10.0%	16.4%	18.4%	17.9%	0.1%	3.4%	7.2%	14.3%
Loans-to-Total Shares	55.0%	58.1%	56.1%	61.9%	71.4%	83.3%	81.0%	57.9%	56.3%	59.4%	68.2%
Chkg & Svgs-to-Total Shares	93.0%	85.3%	77.7%	72.5%	64.9%	52.5%	54.8%	85.8%	78.5%	75.2%	67.6%
Nonterm-to-Total Shares Term CDs-to-Total Shares	93.3% 4.6%	86.8% 9.6%	84.1% 10.5%	82.0% 11.7%	78.7% 15.0%	73.3% 20.1%	74.4% 19.2%	87.2% 9.3%	84.4% 10.4%	83.1% 11.1%	79.9% 14.0%
Liquidity Ratio	29.6%	13.6%	9.2%	8.8%	7.6%	7.3%	7.4%	14.6%	9.8%	9.2%	8.0%
Short-term Funding Ratio	43.8%	30.7%	23.2%	18.7%	13.4%	10.7%	11.4%	23.9%	21.1%	15.4%	11.4%
Net Long-term Asset Ratio	4.7%	9.0%	21.6%	14.4%	34.6%	40.0%	38.5%	20.4%	17.1%	29.9%	38.4%
LOAN QUALITY								T			
Loan Delinquency Ratio	2.39%	1.15%	0.78%	0.59%	0.47%	0.53%	0.53%	0.81%	0.69%	0.52%	0.53%
Net Charge-off Ratio "Misery" Index	0.65% 3.04%	0.32% 1.47%	0.35% 1.13%	0.33% 0.92%	0.32% 0.79%	0.55% 1.08%	0.52% 1.05%	0.35% 1.16%	0.34% 1.02%	0.32% 0.84%	0.52% 1.05%
Core Delinquency Rate Core Net Charge-off Rate	2.02% 0.14%	1.05% 0.16%	0.72% 0.21%	0.53% 0.33%	0.44% 0.71%	0.47% 0.75%	0.46% 0.69%	1.10% 0.16%	0.76% 0.21%	0.62% 0.28%	0.48% 0.62%
Core "Misery" Index	2.16%	1.21%	0.94%	0.86%	1.15%	1.22%	1.15%	1.26%	0.97%	0.90%	1.09%
RE Loan Delinguency	0.81%	0.74%	0.63%	0.40%	0.31%	0.30%	0.30%	0.74%	0.63%	0.48%	0.34%
Vehicle Loan Delinguency	2.05%	1.06%	0.74%	0.60%	0.56%	0.58%	0.58%	1.12%	0.79%	0.69%	0.59%
Direct Loans	2.06%	1.06%	0.67%	0.34%	0.41%	0.39%	0.42%	1.12%	0.73%	0.55%	0.46%
Indirect Loans	0.00%	0.41%	1.57%	1.38%	0.72%	0.64%	0.65%	0.32%	1.57%	1.42%	0.80%
Loss Allow as % of Loans	2.61%	1.19%	0.88%	0.78%	0.72%	1.19%	1.13%	1.27%	0.92%	0.84%	0.75%
Current Loss Exposure	1.06%	0.33%	0.41%	0.38%	0.32%	0.32%	0.33%	0.37%	0.40%	0.39%	0.34%
Coverage Ratio (Adequacy)	2.5	3.6	2.2	2.1	2.2	3.7	3.5	3.4	2.3	2.2	2.2
EARNINGS											
Gross Asset Yield	3.76%	3.80%	3.46%	3.55%	3.74%	4.13%	4.07%	3.80%	3.50%	3.53%	3.68%
Cost of Funds	0.42%	0.42%	0.41%	0.47%	0.65%	1.14%	1.06%	0.42%	0.41%	0.45%	0.59%
Gross Interest Margin	3.34%	3.38%	3.05%	3.08%	3.09%	3.00%	3.01%	3.37%	3.08%	3.08%	3.09%
Provision Expense	0.20%	0.18%	0.23%	0.17%	0.20%	0.44%	0.40%	0.18%	0.22%	0.19%	0.20%
Net Interest Margin	3.14%	3.20%	2.82%	2.92%	2.89%	2.56%	2.61%	3.19%	2.86%	2.89%	2.89%
Non-Interest Income	0.39%	0.51%	0.77%	1.03%	1.14%	1.03%	1.04%	0.50%	0.74%	0.90%	1.08%
Non-Interest Expense	3.63% 3.24%	3.58% 3.07%	3.19% 2.42%	3.29% 2.25%	3.34% 2.20%	2.83% 1.80%	2.90% 1.86%	3.58% 3.08%	3.23% 2.49%	3.26% 2.36%	3.32% 2.24%
Net Operating Expense Net Operating Return	-0.09%	0.13%	0.40%	0.66%	0.69%	0.77%	0.75%	0.11%	0.37%	0.53%	0.65%
Non-recurring Inc(Exp). Net Income.	0.11%	0.01%	0.02%	0.02%	0.01%	0.02%	0.01% 0.76%	0.01%	0.02%	0.02%	0.01%
Net monte.	0.02/0	0.10/0	0.72/0	0.00/0	0.7070	0.7070	0.7070	0.1370	0.0070	0.0070	0.0070
Return on Net Worth.	-0.5%	0.8%	3.3%	5.7%	6.4%	7.2%	7.0%	0.7%	3.0%	4.4%	5.8%



Borrowings/Total Funding

Borrowings Growth YTD

Avg Borrowings Rate

0.1%

0.0%

0.3%

0.0%

4.30%

0.2%

-85.3%

6.43%

0.6%

-46.7%

5.09%

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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 01-2023 <Million Million PORTFOLIO ANALYTICS **Cash and Investments** Cash & CE as Pct of Assets 30% 14% 9% 9% 8% 7% 7% 15% 10% 9% 8% Investments as Pct of Asset 26% 37% 39% 33% 24% 18% 19% 36% 38% 35% 27% 23.22% 18.67% 13.37% 10.70% 23.93% 43.83% 30.65% 11.40% 21.05% 15.40% 11.42% Short-term Funding Ratio 1.59% Avg Cash & Investment Rat 1.94% 1.95% 2.02% 2.21% 2.66% 2.56% 1.92% 1.95% 1.99% 2.13% Loan Portfolio Total Loan Growth-Annl 0.0% 3.1% -4.5% 2.7% 1.4% 7.1% 6.3% 2.9% -3.8% -0.1% 1.0% Consumer Loan Growth-Ar -1.9% -4.2% 5.2% 3.1% 5.7% 5.2% 3.1% -3.3% 1.2% 2.6% 3.6% Mortgage Loan Growth-Ar 279.2% -3.8% -5.3% -1.2% -0.7% 8.3% 7.3% -0.5% -5.2% -2.5% -1.0% Avg Loan Balance \$6,834 \$8,586 \$6,564 \$10,630 \$20,431 \$4,239 \$5,571 \$9,479 \$3,770 \$17.310 \$8.481 Avg Loan Rate 6.61% 5.87% 5.17% 5.00% 4.81% 4.89% 4.88% 5.91% 5.24% 5.10% 4.88% Avg Loan Yield, net 6.16% 5.49% 4.70% 4.69% 4.50% 4.27% 4.31% 5.53% 4.78% 4.73% 4.55% Credit Mitigation-**Delinguency Rates-**Credit Cards 0.06% 2.24% 1.41% 1.13% 0.85% 1.52% 1.48% 2.20% 1.44% 1.25% 0.94% New Vehicle Loans 1.46% 0.61% 0.39% 0.26% 0.25% 0.32% 0.31% 0.66% 0.42% 0.34% 0.27% Used Vehicle Loans 2.39% 1.35% 0.93% 0.76% 0.70% 0.73% 0.73% -0.02% 0.05% 0.07% 0.12% Total Vehicle Loans 1.06% 0.74% 0.60% 0.56% 0.58% 0.58% 0.58% 0.79% 0.69% 0.59% 0.00% Real Estate Loans 0.81% 0.63% 0.40% 0.31% 0.30% 0.30% 0.74% 0.63% 0.48% 0.34% 0.74% **Total Loan Delinquency** 2.39% 1.15% 0.78% 0.59% 0.47% 0.53% 0.53% 0.81% 0.69% 0.52% 0.53% Net Charge-off Rates-**Credit Cards** -3.82% 0.78% 1.23% 1.41% 1.66% 3.50% 3.35% 0.69% 1.21% 1.33% 1.59% New Vehicle Loans 0.10% -0.03% 0.06% 0.09% 0.14% 0.20% 0.21% 0.65% 0.43% 0.28% 0.34% Used Vehicle Loans 0.20% 0.29% 0.34% 0.44% 0.46% 0.69% 0.63% 1.41% 0 99% 0.86% 0.74% Total Vehicle Loans 0.16% 0.16% 0.24% 0.33% 0.36% 0.50% 0.48% 0.16% 0.23% 0.28% 0.34% Non-Comml RE Loans 0.16% 0.08% 0.07% 0.26% 0.95% 0.63% 0.57% 0.08% 0.07% 0.20% 0.82% **Total Net Charge-offs** 0.32% 0.35% 0.33% 0.32% 0.55% 0.52% 0.35% 0.34% 0.32% 0.52% 0.00% "Misery" Indices-Credit Cards -3.76% 3.02% 2.64% 2.54% 2.51% 5.02% 4.83% 2.89% 2.65% 2.58% 2.53% New Vehicle Loans 1.56% 0.58% 0.45% 0.35% 0.39% 0.52% 0.52% 1.31% 0.85% 0.68% 0.55% Used Vehicle Loans 0.94% 2.59% 1.64% 1.27% 1.20% 1.16% 1.42% 1.36% 1.39% 1.04% 0.86% Total Vehicle Loans 1.22% 0.90% 0.84% 0.89% 0.94% 1.08% 1.06% 0.95% 0.92% 0.88% 0.34% Non-Comml RE Loans 0.97% 0.82% 0.70% 0.66% 1.26% 0.93% 0.87% 0.82% 0.70% 0.67% 1.16% Total "Misery" Index 2.71% 1.50% 1.11% 0.91% 1.02% 1.05% 0.88% 1.15% 1.01% 1.04% 0.53% Fundng Portfolio Share Growth YTD-Annl -6.6% -4.9% -8.7% -0.3% 2.9% 9.9% 8.5% -5.0% -8.3% -3.9% 1.1% Chkg & Savings YTD-Annl -7.3% -2.1% -0.9% -1.4% -6.5% -10.8% -6.5% -3.4% -6.5% -11.4% -2.7% Avg Share Balance per Mb \$2,674 \$5,592 \$9,292 \$10,755 \$12,483 \$14,329 \$13,828 \$5,235 \$8,634 \$9,692 \$11,612 Avg Share Balance \$12,429 \$14,784 \$6,716 \$10,608 \$14,898 \$24,518 \$21,371 \$14,611 \$7,093 \$8,687 \$12,558 Avg Share Rate 0.53% 0.51% 0.47% 0.54% 0.73% 1.34% 1.24% 0.51% 0.48% 0.51% 0.68% Core as Pct of Total Shares 65% 68% 93% 85% 78% 73% 52% 55% 86% 79% 75% Term CDs as Pct of Shares 5% 10% 10% 12% 15% 20% 19% 9% 10% 11% 14% Non-Member Deposit Ratio 1.1% 1.0% 0.9% 1.2% 1.2% 1.3% 1.2% 1.0% 0.9% 1.0% 1.1%

1.8%

-33.1%

4.82%

5.8%

21.1%

4.55%

5.2%

18.4%

4.57%

0.3%

0.0%

5.83%

0.2%

-77.1%

6.37%

0.4%

-55.0%

5.43%

1.4%

-34.9%

4.87%



MERIDIAN ECONOMICS

Trusted Insight, Effective Solutions

6,834

2,509

8,586

4,463



<\$50

Million

110%

17%

(541) \$

4,239

5,565

(56) \$

8,481

4,256

<\$100

Million

109%

20%

(746) \$

5,571

5,884

<\$500

Million

107%

23%

308

9,479

6,434

Business & Industry Consulting <\$2 \$2-10 \$10-50 \$50-100 \$100-500 \$500> <\$10 Million Million <Million Million Million Q1-2023 Million Million TOTAL Net Operating Profitability-Earning Asset/Funding 119% 115% 108% 107% 113% 112% 115% 109% Non-Int Inc-to-Total Revenu 9% 12% 18% 23% 23% 20% 20% 12% Net Op Cash Flow (YTD-\$Mils \$ (4) \$ (53) \$ (485) \$ (205) \$ 1,055 15,451 \$ 15,760 \$ \$

3,770

5,759

Net Operating Return per FTE

Average Loan Balance

Average Share Balance

Interest Income per FTE	\$50,483	\$101,269	\$155,241	\$165,572	\$178,572	\$281,076	\$258,673	\$95,088	\$145,033	\$155,700	\$172,178
Avg Int & Prov per FTE	\$8,326	\$16,079	\$28,658	\$29,768	\$40,491	\$106,926	\$92,547	\$15,135	\$26,364	\$28,132	\$37,035
Net Interest Income per FTE	\$42,158	\$85,190	\$126,582	\$135,804	\$138,082	\$174,150	\$166,126	\$79,953	\$118,670	\$127,568	\$135,142
Non-Interest Income per FT	\$5,293	\$13,540	\$34,481	\$48,139	\$54,630	\$70,082	\$66,059	\$12,536	\$30,757	\$39,784	\$50,480
Avg Operating Exp per FTE	\$48,712	\$95,346	\$142,916	\$153,042	\$159,684	\$192,146	\$184,578	\$89,670	\$133,881	\$143,832	\$155,252
Net Operating Exp per FTE	\$43,420	\$81,805	\$108,435	\$104,904	\$105,053	\$122,064	\$118,519	\$77,133	\$103,124	\$104,048	\$104,772
Avg Net On Return per FT	\$ (1 262)	\$ 3 385	\$ 18 147	\$30,900	\$ 33 029	\$ 52,086	\$ 47 607	\$ 2819	\$ 15 546	\$23 520	\$ 30 370

10,630

6,653

20,431

7,187

17,310

7,059

6,564

6,169

Revenue/Operating Expense Assessment	

Revenue-											
Avg Revenue per FTE	\$55,776	\$114,810	\$189,722	\$213,711	\$233,203	\$351,158	\$324,732	\$107,625	\$175,791	\$195,483	\$222,657
- Total Revenue Ratio	4.16%	4.31%	4.23%	4.59%	4.88%	5.16%	5.10%	4.30%	4.24%	4.43%	4.76%
Operating Expenses-											
Avg Comp & Benefits per F	1.67%	\$48,801	\$66,481	\$72,221	\$80,220	\$102,293	\$97,045	\$45,587	\$62,936	\$67,758	\$76,736
- C & B Exp Ratio		1.83%	1.48%	1.55%	1.68%	1.50%	1.53%	1.82%	1.52%	1.54%	1.64%
- Pct of Total Op Expense		51%	47%	47%	50%	53%	53%	51%	47%	47%	49%
- FTE-to-Ops (Staff Eff)	1.68	0.71	0.35	0.30	0.25	0.16	0.18	0.76	0.39	0.34	0.27
- Full-time Equivalents	197	1,418	7,900	10,280	51,005	273,326	344,124	1,615	9,515	19,794	70,799
- Pct Part-time Employee	80%	46%	16%	9%	7%	4%	6%	51%	23%	16%	9%
Avg Occ & Ops Exp per FTE		\$25,388	\$39,018	\$39,224	\$40,036	\$45,543	\$44,297	\$24,181	\$36,500	\$37,915	\$39,443
- Occup & Ops Exp Ratio		0.95%	0.87%	0.84%	0.84%	0.67%	0.70%	0.97%	0.88%	0.86%	0.84%
- Pct of Total Op Expense		27%	27%	26%	25%	24%	24%	27%	27%	26%	25%
Avg All Other Exp per FTE		\$21,157	\$37,418	\$41,597	\$39,428	\$44,311	\$43,236	\$19,902	\$34,446	\$38,160	\$39,073
- All Other Expense Ratio		0.79%	0.83%	0.89%	0.82%	0.65%	0.68%	0.79%	0.83%	0.86%	0.84%
- Pct of Total Op Expense		22%	26%	27%	25%	23%	23%	22%	26%	27%	25%
Membership Outreach-											
Members-to-Potential	5.9%	6.0%	3.0%	1.5%	2.2%	3.2%	2.9%	6.0%	3.2%	2.1%	2.2%
Members-to-FTEs	398	395	417	381	339	408	397	395	414	397	355
Borrower-to-Members	21.5%	37.8%	138.4%	101.4%	83.8%	58.4%	64.8%	35.7%	114.7%	103.3%	83.6%
Branches	292	696	1,837	1,511	4,718	12,222	21,275	988	2,825	4,335	9,053
Members per Branch	268	805	1,795	2,594	3,667	9,121	6,422	646	1,393	1,812	2,778





Business & Industry Consulting		Market Analysis		Strategic Solutions		Financial Investments		Risk Management		Regulatory Expert	
Q1-2023	<\$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 COS	r:										
Fee Income	0.39%	0.51%	0.77%	1.03%	1.14%	1.03%	1.04%	0.50%	0.74%	0.90%	1.089
Compensation & Benefits	1.67%	1.83%	1.48%	1.55%	1.68%	1.50%	1.53%	1.82%	1.52%	1.54%	1.649
Travel & Conference	0.01%	0.02%	0.02%	0.03%	0.03%	0.02%	0.02%	0.02%	0.02%	0.03%	0.039
Office Occupancy	0.24%	0.17%	0.19%	0.21%	0.22%	0.17%	0.17%	0.17%	0.19%	0.20%	0.21
Office Operations	0.91%	0.78%	0.68%	0.63%	0.62%	0.50%	0.52%	0.79%	0.69%	0.66%	0.63
Educational & Promo	0.02%	0.03%	0.06%	0.08%	0.10%	0.11%	0.11%	0.03%	0.06%	0.07%	0.09
Loan Servicing	0.21%	0.12%	0.17%	0.23%	0.23%	0.19%	0.19%	0.12%	0.17%	0.20%	0.22
Professional & Outside Sv	0.30%	0.41%	0.44%	0.46%	0.37%	0.23%	0.25%	0.41%	0.43%	0.45%	0.39
Member Insurance	0.02%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00
Operating Fees	0.07%	0.03%	0.02%	0.01%	0.01%	0.01%	0.01%	0.03%	0.02%	0.02%	0.01
Miscellaneous	0.17%	0.17%	0.12%	0.07%	0.07%	0.10%	0.09%	0.17%	0.12%	0.09%	0.08
Total Ops Expense	3.63%	3.58%	3.19%	3.29%	3.34%	2.83%	2.90%	3.58%	3.23%	3.26%	3.32
Net Operating Expense	3.24%	3.07%	2.42%	2.25%	2.20%	1.80%	1.86%	3.08%	2.49%	2.36%	2.24

NET INFRASTRUCTURE COST PER FULL-TIME EQUIVALENT

Fee Income	\$5,293	\$13,540	\$34,481	\$48,139	\$54,630	\$70,082	\$66,059	\$12,536	\$30,757	\$39,784	\$50,480
Compensation & Benefits	\$22,392	\$48,801	\$66,481	\$72,221	\$80,220	\$102,293	\$97 <i>,</i> 045	\$45,587	\$62 <i>,</i> 936	\$67,758	\$76,736
Travel & Conference	\$142	\$564	\$1,114	\$1,479	\$1,616	\$1,386	\$1,413	\$513	\$1,012	\$1,254	\$1,515
Office Occupancy	\$3,257	\$4,513	\$8,587	\$9 <i>,</i> 845	\$10,399	\$11,377	\$11,088	\$4,360	\$7 <i>,</i> 870	\$8 <i>,</i> 896	\$9,979
Office Operations	\$12,214	\$20,874	\$30,430	\$29 <i>,</i> 379	\$29,637	\$34,166	\$33 <i>,</i> 209	\$19,820	\$28 <i>,</i> 630	\$29,019	\$29,464
Educational & Promo	\$244	\$846	\$2,684	\$3 <i>,</i> 852	\$4,854	\$7,480	\$6,841	\$773	\$2 <i>,</i> 359	\$3 <i>,</i> 135	\$4,374
Loan Servicing	\$2 <i>,</i> 850	\$3,103	\$7 <i>,</i> 696	\$10,584	\$10,972	\$12 <i>,</i> 653	\$12 <i>,</i> 185	\$3 <i>,</i> 072	\$6 <i>,</i> 912	\$8,819	\$10,370
Professional & Outside Sv	\$4,071	\$11,001	\$19 <i>,</i> 595	\$21 <i>,</i> 635	\$17,802	\$15,508	\$16,100	\$10,158	\$17,994	\$19,885	\$18,385
Member Insurance	\$305	\$282	\$152	\$78	\$67	\$60	\$65	\$285	\$174	\$124	\$83
Operating Fees	\$997	\$846	\$861	\$662	\$667	\$563	\$589	\$865	\$861	\$758	\$692
Miscellaneous	\$2,239	\$4,513	\$5,316	\$3 <i>,</i> 308	\$3,451	\$6,660	\$6,042	\$4,237	\$5,133	\$4,185	\$3,656
Total Ops Expense	\$48,712	\$95 <i>,</i> 346	\$142,916	\$153,042	\$159,684	\$192,146	\$184,578	\$89 <i>,</i> 670	\$133,881	\$143,832	\$155,252
							I				
Net Operating Expense	\$43,420	\$81,805	\$108,435	\$104,904	\$105,053	\$122,064	\$118,519	\$77,133	\$103,124	\$104,048	\$104,772