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# Regulatory Expert

### 01 November 2024

ц		THIS WK	LAST MO	YR END	LAST YR	C	HANGES SIN	CE		YIELD CURVE ASSESSMENT
CURVE		10/31/24	9/30/24	12/31/23	10/31/23	This Yr	Last Yr	This Cycle*		
3									6.00%	
YIELU	Prime	8.00%	8.00%	8.50%	8.50%	-0.50%	-0.50%	4.75%	5.50%	<b>A</b>
₽	Fed Funds	4.83%	4.83%	5.33%	5.33%	-0.50%	-0.50%	4.78%	5.00%	
AND	3mo	4.64%	4.73%	5.40%	5.59%	-0.76%	-0.95%	4.53%	4.50%	
	6mo	4.43%	4.38%	5.26%	5.54%	-0.83%	-1.11%	4.29%		
RAIEO	1yr	4.27%	3.98%	4.79%	5.44%	-0.52%	-1.17%	4.10%	4.00%	
Ē	2yr	4.16%	3.66%	4.23%	5.07%	-0.07%	-0.91%	3.96%	3.50%	
ב	3yr	4.12%	3.58%	4.01%	4.90%	0.11%	-0.78%	3.88%	3.00%	/*
INIERESI	5yr	4.15%	3.58%	3.84%	4.82%	0.31%	-0.67%	3.81%	2.50%	Ĵ
Ē	7yr	4.21%	3.67%	3.88%	4.89%	0.33%	-0.68%	3.73%	2.00%	•
Z	10yr	4.28%	3.81%	3.88%	4.88%	0.40%	-0.60%	3.70%	1.50%	
	30yr	4.47%	4.14%	4.03%	5.04%	0.44%	-0.57%	3.30%		
ENUMINIARN	Slope of the	Yield Curve							1.00%	
	2yr-3mo	-0.48%	-1.07%	-1.17%	-0.52%	0.69%	0.04%	-1.11%	0.50%	Last Year
ž	5yr-2yr	-0.01%	-0.08%	-0.39%	-0.25%	0.38%	0.24%	-0.12%	0.00%	
	10yr-5yr	0.13%	0.23%	0.04%	0.06%	0.09%	0.07%	-0.02%		•Nov2018
	10yr-3mo	-0.36%	-0.92%	-1.52%	-0.71%	1.16%	0.35%	-1.25%		<b></b> Apr 2020

# US ECONOMY ADDS A MODEST 12K JOBS IN OCTOBER; UNEMPLOYMENT RATE NCHANGED AT 4.1%

The Labor Department on Friday reported that employers added 12,000 jobs in October, the lowest monthly tally since December 2020. The nation's unemployment rate was unchanged at 4.1%.

The number of jobs added in the prior two months were both revised downward, with job creation in August revised down by 81,000 from a gain of 159,000 to 78,000, while September was revised down by 31,000 from a gain of 254,000 to 223,000.

Private sector payrolls contracted by 28,000 in October. The manufacturing sector saw employment decline by 46,000 jobs in October, which was largely due to strike activity in the transportation equipment manufacturing sector. About 33,000 unionized machinists at Boeing have been on strike since early September.

The labor force participation rate was 62.6% in October, down slightly from 62.7% a month ago and has changed little over the course of the last year.

Average hourly earnings for all employees on private nonfarm payrolls rose by 13 cents, or 0.4%, to \$35.46 in October. Over the past 12 months, average hourly earnings have increased by 4%.

Key Economic Indicators f	or Banks, Th	rifts & Credit	Unions-	
		LATEST	CURRENT	PREV
GDP	QoQ	Q3-24 First	2.8%	3.0%
GDP - YTD	Annl	Q3-24 First	2.4%	2.2%
Consumer Spending	QoQ	Q3-24 First	2.5%	2.8%
Consumer Spending YTD	Annl	Q3-24 First	2.3%	2.2%
Unemployment Rate	Мо	October	4.1%	4.1%
Underemployment Rate	Mo	October	7.7%	7.7%
			-	
Participation Rate	Мо	October	62.6%	62.7%
Wholesale Inflation	YoY	September	1.8%	1.7%
Consumer Inflation	YoY	September	2.4%	2.5%
Core Inflation	YoY	September	3.3%	3.2%
Consumer Credit	Annual	August	2.1%	6.3%
Retail Sales	YoY	September	2.6%	2.9%
Vehicle Sales	Annl (Mil)	September	16.3	15.6
Home Sales	Annl (Mil)	September	4.556	4.599
Home Prices	YoY	August	4.3%	5.0%

#### Key Consumer Market Data-

	THIS WK	YR END	PCT C	HANGES
	10/31/24	12/31/23	YTD	12Mos
DJIA	41,763	37,689	10.8%	27.5%
S&P 500	5,705	4,769	19.6%	34.5%
NASDAQ	18,095	15,011	20.5%	38.0%
Crude Oil	69.26	71.77	-3.5%	-5.0%
Avg Gasoline	3.07	3.12	-1.5%	-9.6%
Gold	2,749	2,072	32.7%	36.3%



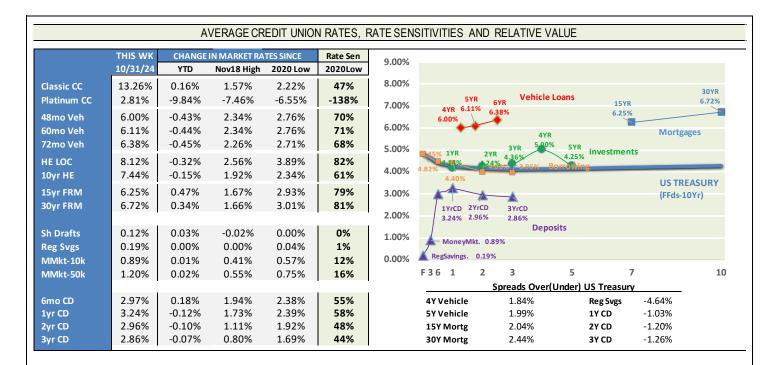
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# **RESOURCES**

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#### STRATEGICALLY FOR CREDIT UNIONS

The number of permanently unemployed people increased to 1.8 million in October, while the number of people on temporary layoff was little changed at 846,000.

The number of people who are considered to be long-term unemployed, defined as being jobless for 27 weeks or more, was little changed at 1.6 million in October and up from 1.3 million a year ago. The long-term unemployed account for 22.9% of all unemployed people.

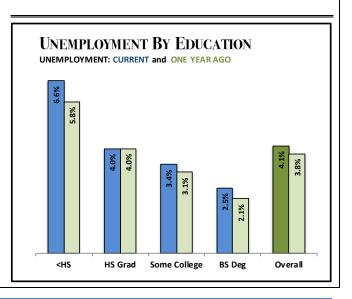
The jobs data comes as the Federal Reserve is set to meet next week, with markets expecting policymakers will announce a 25basis-point cut to interest rates.

Despite the Fed's September rate cut, it isn't out of the murky, vision-impairing woods yet, either. The devastating Hurricanes Milton and Helene that ravaged parts of North Carolina and Florida, as well as a strike among factory workers at Boeing, are expected to have weighed on hiring.

The rapidly-changing narrative — whipsawed by data that can one day look strong and other days look worrisome — illustrates just how complicated it can be to set interest rates when data is backward-looking and frequently revised.

ECONOMIC RELEASES			
RELEASES THIS WEEK:	Current	Projected	Previous
Home Prices (Aug, YoY)	4.3%	5.0%	5.0%
GDP (Q3, 1st)	2.8%	3.3%	3.0%
Unemployment (Sep)	4.1%	4.2%	4.1%

RELEASES FOR UPCOMING WEEK	:	Projected	Previous
FOMC Decision	Potential 0.25%	cut in bench	mark rate



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Market Analysis Str

		CALENDAR			
SATURDAY	FRIDAY	THURSDAY	WEDNESDAY	TUESDAY	MONDAY
5	4 Unemployment 4.1% Nonfarm Payrolls 254k Private Payrolls 223k Participation Rate 62.7%	3 Jobless Claims 225k Cont'd Claims 1.83M	2	OCTOBER 1 Construction Spdg -0.1%	September 30
12	11 Wholesale Inflation 1.8%	10 Jobless Claims 258k Cont'd Claims 1.86M Consumer Inflation 2.4%	9 FOMC Minutes	8	7 onsumer Credit \$8.9B
19	18	17 Jobless Claims 241k Cont'd Claims 1.87M Retail Sales 1.7%	16	15	14 COLUMBUS DAY HOLIDAY
26	25	24 Jobless Claims 227k Cont'd Claims 1.89M	23 Exist Home Sales 3.84M Fed Beige Book	22	21
2	NOVEMBER 1 Unemployment 4.1% NF Payrolls 12k Private Payrolls (28k) Participation Rate 62.6%	31 Jobless Claims Cont'd Claims	<b>30</b> GDP (Q3) 2.8%	29 Home Prices 4.3% Consumer Confidence	28
9	8	7 Jobless Claims Cont'd Claims FOMC Announcement	6	5	4 Vehicle Sales
16	15 Retail Sales	14 Jobless Claims Cont'd Claims Wholesale Inflation	13 Consumer Inflation	12	11 VETERANS DAY HOLIDAY
23	22	21 Jobless Claims Cont'd Claims Existing Home Sales Consumer Confidence	20	19	18
30	29	28 THANKGIVING HOLIDAY	27 GDP(2nd)	26 Home Prices Consumer Confidence	25



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

			ECO	NOMIC FC	ORECAST						
									(υ	Octo Ipdated Octol	<b>ber 202</b> ber 27, 202
		20	)24			202	25			2026	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
									-		
conomic Growth-											
GDP - (QoQ)	1.6%	3.0%	2.8%	1.8%	1.2%	1.2%	1.2%	1.3%	1.4%	1.4%	1.4%
GDP - (YTD)	1.6%	2.3%	2.5%	2.3%	1.2%	1.2%	1.2%	1.2%	1.4%	1.4%	1.4%
Consumer Spdg - (QoQ)	1.9%	2.8%	3.2%	2.4%	1.4%	1.5%	1.1%	1.2%	1.2%	1.4%	1.5%
Consumer Spdg - (YTD)	1.9%	2.4%	2.6%	2.6%	1.4%	1.5%	1.3%	1.3%	1.2%	1.3%	1.4%
Government Spdg - (QoQ)	1.8%	3.1%	1.3%	1.2%	0.4%	0.3%	0.2%	0.2%	0.1%	0.1%	0.4%
Government Spdg - (YTD)	1.8%	2.5%	2.1%	1.9%	0.4%	0.4%	0.3%	0.3%	0.1%	0.1%	0.2%
Consumer Wealth-											
Unemployment Rate	3.8%	4.0%	4.2%	4.2%	4.3%	4.4%	4.6%	4.7%	4.7%	4.7%	4.6%
Consumer Inflation	3.2%	3.2%	2.6%	2.3%	2.2%	2.2%	2.2%	2.0%	2.0%	2.1%	2.1%
Home Prices (YoY)	5.5%	6.3%	5.0%	4.5%	4.3%	4.0%	4.0%	4.1%	4.2%	4.2%	4.2%
SINGLE FAMILY HOME & VE	EHICLE LOAN	N MARKETS									
Home Sales-											
Total Home Sales (Mil)	4.857	4.703	4.733	4.834	5.007	5,243	5,295	5.370	5,243	5.295	5.370
. ,	4.857 4.190	4.703 4.047	4.733 4.000	4.834 4.085	5.007 4.245	5.243 4.453	5.295 4.501	5.370 4.563	5.243 4.453	5.295 4.501	
Existing Home (Mil)			4.733 4.000 0.733								4.563
Existing Home (Mil) New Home Sales (Mil)	4.190	4.047	4.000	4.085	4.245	4.453	4.501	4.563	4.453	4.501	4.563
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations-	4.190 0.667	4.047	4.000	4.085	4.245	4.453	4.501	4.563	4.453	4.501	4.563 0.807
Fotal Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils) Purchase Apps (Mils)	4.190 0.667	4.047 0.656	4.000 0.733	4.085 0.749	4.245 0.762	4.453 0.790	4.501 0.794	4.563 0.807	4.453 0.790	4.501 0.794	4.563 0.807 1.485
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils)	4.190 0.667 0.967	4.047 0.656 1.082	4.000 0.733 1.204 0.846 0.358	4.085 0.749 1.379	4.245 0.762 1.393 0.773 0.620	4.453 0.790 1.568	4.501 0.794 1.523 0.904 0.619	4.563 0.807 1.485	4.453 0.790 1.568	4.501 0.794 1.523	4.563 0.807 1.485 0.862 0.623
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils)	4.190 0.667 0.967 0.708	4.047 0.656 1.082 0.806	4.000 0.733 1.204 0.846	4.085 0.749 1.379 0.763	4.245 0.762 1.393 0.773	4.453 0.790 1.568 0.927	4.501 0.794 1.523 0.904	4.563 0.807 1.485 0.862	4.453 0.790 1.568 0.927	4.501 0.794 1.523 0.904	4.563 0.807 1.485 0.862 0.623
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share <u>/ehicle Sales-</u>	4.190 0.667 0.967 0.708 0.259 27%	4.047 0.656 1.082 0.806 0.276 26%	4.000 0.733 1.204 0.846 0.358 30%	4.085 0.749 1.379 0.763 0.616 45%	4.245 0.762 1.393 0.773 0.620 45%	4.453 0.790 1.568 0.927 0.641 41%	4.501 0.794 1.523 0.904 0.619 41%	4.563 0.807 1.485 0.862 0.623 42%	4.453 0.790 1.568 0.927 0.641 41%	4.501 0.794 1.523 0.904 0.619 41%	4.563 0.807 1.485 0.862 0.623 42%
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share <u>/ehicle Sales-</u>	4.190 0.667 0.967 0.708 0.259	4.047 0.656 1.082 0.806 0.276	4.000 0.733 1.204 0.846 0.358	4.085 0.749 1.379 0.763 0.616	4.245 0.762 1.393 0.773 0.620	4.453 0.790 1.568 0.927 0.641	4.501 0.794 1.523 0.904 0.619	4.563 0.807 1.485 0.862 0.623	4.453 0.790 1.568 0.927 0.641	4.501 0.794 1.523 0.904 0.619	4.563 0.807 1.485 0.862 0.623
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales-	4.190 0.667 0.967 0.708 0.259 27%	4.047 0.656 1.082 0.806 0.276 26%	4.000 0.733 1.204 0.846 0.358 30%	4.085 0.749 1.379 0.763 0.616 45%	4.245 0.762 1.393 0.773 0.620 45%	4.453 0.790 1.568 0.927 0.641 41%	4.501 0.794 1.523 0.904 0.619 41%	4.563 0.807 1.485 0.862 0.623 42%	4.453 0.790 1.568 0.927 0.641 41%	4.501 0.794 1.523 0.904 0.619 41%	4.563 0.807 1.485 0.862 0.623 42%
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil)	4.190 0.667 0.967 0.708 0.259 27%	4.047 0.656 1.082 0.806 0.276 26%	4.000 0.733 1.204 0.846 0.358 30%	4.085 0.749 1.379 0.763 0.616 45%	4.245 0.762 1.393 0.773 0.620 45%	4.453 0.790 1.568 0.927 0.641 41%	4.501 0.794 1.523 0.904 0.619 41%	4.563 0.807 1.485 0.862 0.623 42%	4.453 0.790 1.568 0.927 0.641 41%	4.501 0.794 1.523 0.904 0.619 41%	4.563 0.807 1.485 0.862 0.623 42%
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates-	4.190 0.667 0.967 0.708 0.259 27% 15.6	4.047 0.656 1.082 0.806 0.276 26% 16.0	4.000 0.733 1.204 0.846 0.358 30% 15.6	4.085 0.749 1.379 0.763 0.616 45% 15.2	4.245 0.762 1.393 0.773 0.620 45% 15.4	4.453 0.790 1.568 0.927 0.641 41% 15.8	4.501 0.794 1.523 0.904 0.619 41% 16.0	4.563 0.807 1.485 0.862 0.623 42% 16.2	4.453 0.790 1.568 0.927 0.641 41% 15.8	4.501 0.794 1.523 0.904 0.619 41% 16.0	4.563 0.807 1.485 0.862 0.623 42% 16.2
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime	4.190 0.667 0.967 0.708 0.259 27% 15.6 8.5%	4.047 0.656 1.082 0.806 0.276 26% 16.0	4.000 0.733 1.204 0.846 0.358 30% 15.6 8.0%	4.085 0.749 1.379 0.763 0.616 45% 15.2 7.8%	4.245 0.762 1.393 0.773 0.620 45% 15.4 7.5%	4.453 0.790 1.568 0.927 0.641 41% 15.8	4.501 0.794 1.523 0.904 0.619 41% 16.0	4.563 0.807 1.485 0.862 0.623 42% 16.2	4.453 0.790 1.568 0.927 0.641 41% 15.8	4.501 0.794 1.523 0.904 0.619 41% 16.0	4.563 0.807 1.485 0.862 0.623 42% 16.2
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds	4.190 0.667 0.708 0.259 27% 15.6 8.5% 5.4%	4.047 0.656 1.082 0.806 0.276 26% 16.0 8.5% 5.4%	4.000 0.733 1.204 0.846 0.358 30% 15.6 8.0% 4.9%	4.085 0.749 1.379 0.763 0.616 45% 15.2 7.8% 4.6%	4.245 0.762 1.393 0.773 0.620 45% 15.4 7.5% 4.3%	4.453 0.790 1.568 0.927 0.641 41% 15.8 7.3% 4.0%	4.501 0.794 1.523 0.904 0.619 41% 16.0	4.563 0.807 1.485 0.862 0.623 42% 16.2 7.0% 3.7%	4.453 0.790 1.568 0.927 0.641 41% 15.8 6.8% 3.4%	4.501 0.794 1.523 0.904 0.619 41% 16.0	4.563 0.807 1.485 0.862 0.623 42% 16.2 6.8% 3.4%
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Gingle Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds Byr UST	4.190 0.667 0.708 0.259 27% 15.6 8.5% 5.4% 4.6%	4.047 0.656 1.082 0.806 0.276 26% 16.0 8.5% 5.4% 4.1%	4.000 0.733 1.204 0.846 0.358 30% 15.6 8.0% 4.9% 3.6%	4.085 0.749 1.379 0.763 0.616 45% 15.2 7.8% 4.6% 3.5%	4.245 0.762 1.393 0.773 0.620 45% 15.4 7.5% 4.3% 3.5%	4.453 0.790 1.568 0.927 0.641 41% 15.8 7.3% 4.0% 3.4%	4.501 0.794 1.523 0.904 0.619 41% 16.0	4.563 0.807 1.485 0.862 0.623 42% 16.2 7.0% 3.7% 3.4%	4.453 0.790 1.568 0.927 0.641 41% 15.8 6.8% 3.4% 3.4%	4.501 0.794 1.523 0.904 0.619 41% 16.0 6.8% 3.4% 3.4%	4.563 0.807 1.485 0.862 0.623 42% 16.2 6.8% 3.4% 3.4%
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share /ehicle Sales- /ehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Sed Funds Ryr UST /yr UST	4.190 0.667 0.708 0.259 27% 15.6 8.5% 5.4% 4.6% 4.4%	4.047 0.656 1.082 0.806 0.276 26% 16.0 8.5% 5.4% 4.1% 3.8%	4.000 0.733 1.204 0.846 0.358 30% 15.6 8.0% 4.9% 3.6% 3.7%	4.085 0.749 1.379 0.763 0.616 45% 15.2 7.8% 4.6% 3.5% 3.7%	4.245 0.762 1.393 0.773 0.620 45% 15.4 7.5% 4.3% 3.5% 3.6%	4.453 0.790 1.568 0.927 0.641 41% 15.8 7.3% 4.0% 3.4% 3.7%	4.501 0.794 1.523 0.904 0.619 41% 16.0 7.0% 3.7% 3.4% 3.6%	4.563 0.807 1.485 0.862 0.623 42% 16.2 7.0% 3.7% 3.4% 3.5%	4.453 0.790 1.568 0.927 0.641 41% 15.8 6.8% 3.4% 3.4% 3.5%	4.501 0.794 1.523 0.904 0.619 41% 16.0 6.8% 3.4% 3.4% 3.5%	4.563 0.807 1.485 0.862 0.623 42% 16.2 6.8% 3.4% 3.4% 3.5%
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- bingle Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share /ehicle Sales- /ehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds Byr UST /yr UST LOyr UST	4.190 0.667 0.708 0.259 27% 15.6 8.5% 5.4% 4.6%	4.047 0.656 1.082 0.806 0.276 26% 16.0 8.5% 5.4% 4.1%	4.000 0.733 1.204 0.846 0.358 30% 15.6 8.0% 4.9% 3.6%	4.085 0.749 1.379 0.763 0.616 45% 15.2 7.8% 4.6% 3.5%	4.245 0.762 1.393 0.773 0.620 45% 15.4 7.5% 4.3% 3.5%	4.453 0.790 1.568 0.927 0.641 41% 15.8 7.3% 4.0% 3.4%	4.501 0.794 1.523 0.904 0.619 41% 16.0	4.563 0.807 1.485 0.862 0.623 42% 16.2 7.0% 3.7% 3.4%	4.453 0.790 1.568 0.927 0.641 41% 15.8 6.8% 3.4% 3.4%	4.501 0.794 1.523 0.904 0.619 41% 16.0 6.8% 3.4% 3.4%	4.563 0.807 1.485 0.862 0.623 42% 16.2 6.8% 3.4% 3.4% 3.5%
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share /ehicle Sales- /ehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds Byr UST LOyr UST LOyr UST Market Rates-	4.190 0.667 0.967 0.708 0.259 27% 15.6 8.5% 5.4% 4.6% 4.4% 4.2%	4.047 0.656 1.082 0.806 0.276 26% 16.0 8.5% 5.4% 4.1% 3.8% 4.4%	4.000 0.733 1.204 0.846 0.358 30% 15.6 8.0% 4.9% 3.6% 3.7% 4.1%	4.085 0.749 1.379 0.763 0.616 45% 15.2 7.8% 4.6% 3.5% 3.7% 4.1%	4.245 0.762 1.393 0.773 0.620 45% 15.4 7.5% 4.3% 3.5% 3.6% 4.1%	4.453 0.790 1.568 0.927 0.641 41% 15.8 7.3% 4.0% 3.4% 3.7% 4.2%	4.501 0.794 1.523 0.904 0.619 41% 16.0 7.0% 3.7% 3.4% 3.6% 4.3%	4.563 0.807 1.485 0.862 0.623 42% 16.2 7.0% 3.7% 3.4% 3.5% 4.4%	4.453 0.790 1.568 0.927 0.641 41% 15.8 6.8% 3.4% 3.4% 3.5% 4.4%	4.501 0.794 1.523 0.904 0.619 41% 16.0 6.8% 3.4% 3.4% 3.4% 3.5% 4.4%	4.563 0.807 1.485 0.862 0.623 42% 16.2 6.8% 3.4% 3.4% 3.4% 3.5% 4.5%
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Zehicle Sales- Zehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds Byr UST Zyr UST LOyr UST Market Rates- Syr Vehicle Loan Rate	4.190 0.667 0.967 0.708 0.259 27% 15.6 8.5% 5.4% 4.6% 4.4% 4.2% 6.6%	4.047 0.656 1.082 0.806 0.276 26% 16.0 8.5% 5.4% 4.1% 3.8% 4.4% 6.5%	4.000 0.733 1.204 0.846 0.358 30% 15.6 8.0% 4.9% 3.6% 3.7% 4.1% 6.3%	4.085 0.749 1.379 0.763 0.616 45% 15.2 7.8% 4.6% 3.5% 3.7% 4.1% 6.3%	4.245 0.762 1.393 0.773 0.620 45% 15.4 7.5% 4.3% 3.5% 3.6% 4.1% 6.2%	4.453 0.790 1.568 0.927 0.641 41% 15.8 7.3% 4.0% 3.4% 3.7% 4.2% 6.2%	4.501 0.794 1.523 0.904 0.619 41% 16.0 7.0% 3.7% 3.4% 3.6% 4.3% 6.1%	4.563 0.807 1.485 0.862 0.623 42% 16.2 7.0% 3.7% 3.4% 3.5% 4.4% 6.1%	4.453 0.790 1.568 0.927 0.641 41% 15.8 6.8% 3.4% 3.4% 3.5% 4.4% 6.2%	4.501 0.794 1.523 0.904 0.619 41% 16.0 6.8% 3.4% 3.5% 4.4% 6.1%	4.563 0.807 1.485 0.862 0.623 42% 16.2 6.8% 3.4% 3.4% 3.5% 4.5% 6.1%
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds Byr UST 7yr UST LOyr UST Market Rates- Syr Vehicle Loan Rate L5yr First-lien Mortgage	4.190 0.667 0.708 0.259 27% 15.6 8.5% 5.4% 4.6% 4.4% 4.2% 6.6% 6.5%	4.047 0.656 1.082 0.806 0.276 26% 16.0 8.5% 5.4% 4.1% 3.8% 4.4% 6.5% 6.6%	4.000 0.733 1.204 0.846 0.358 30% 15.6 8.0% 4.9% 3.6% 3.7% 4.1% 6.3% 5.8%	4.085 0.749 1.379 0.763 0.616 45% 15.2 7.8% 4.6% 3.5% 3.7% 4.1% 6.3% 5.6%	4.245 0.762 1.393 0.773 0.620 45% 15.4 7.5% 4.3% 3.5% 3.6% 4.1% 6.2% 5.4%	4.453 0.790 1.568 0.927 0.641 41% 15.8 7.3% 4.0% 3.4% 3.7% 4.2% 6.2% 5.4%	4.501 0.794 1.523 0.904 0.619 41% 16.0 7.0% 3.7% 3.4% 3.6% 4.3% 6.1% 5.3%	4.563 0.807 1.485 0.862 0.623 42% 16.2 7.0% 3.7% 3.4% 3.5% 4.4% 6.1% 5.3%	4.453 0.790 1.568 0.927 0.641 41% 15.8 6.8% 3.4% 3.4% 3.4% 3.5% 4.4% 6.2% 5.4%	4.501 0.794 1.523 0.904 0.619 41% 16.0 6.8% 3.4% 3.4% 3.5% 4.4% 6.1% 5.3%	4.563 0.807 1.485 0.862 0.623 42% 16.2 6.8% 3.4% 3.4% 3.4% 3.5% 4.5% 6.1% 5.3%
Existing Home (Mil) New Home Sales (Mil) Mortgage Originations- Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales- Vehicle Sales (Mil) MARKET RATE OUTLOOK Benchmark Rates- Prime Fed Funds Byr UST 10yr UST 10yr UST Syr Vehicle Loan Rate LSyr First-lien Mortgage Boyr First-lien Mortgage	4.190 0.667 0.967 0.708 0.259 27% 15.6 8.5% 5.4% 4.6% 4.4% 4.2% 6.6% 6.5% 6.7%	4.047 0.656 1.082 0.806 0.276 26% 16.0 8.5% 5.4% 4.1% 3.8% 4.4% 6.5% 6.6% 7.0%	4.000 0.733 1.204 0.846 0.358 30% 15.6 8.0% 4.9% 3.6% 3.7% 4.1% 6.3% 5.8% 6.6%	4.085 0.749 1.379 0.763 0.616 45% 15.2 7.8% 4.6% 3.5% 3.7% 4.1% 6.3% 5.6% 6.2%	4.245 0.762 1.393 0.773 0.620 45% 15.4 7.5% 4.3% 3.5% 3.6% 4.1% 6.2% 5.4% 6.0%	4.453 0.790 1.568 0.927 0.641 41% 15.8 7.3% 4.0% 3.4% 3.7% 4.2% 6.2% 5.4% 5.9%	4.501 0.794 1.523 0.904 0.619 41% 16.0 7.0% 3.7% 3.4% 3.6% 4.3% 6.1% 5.3% 5.9%	4.563 0.807 1.485 0.862 0.623 42% 16.2 7.0% 3.7% 3.4% 3.5% 4.4% 6.1% 5.3% 5.8%	4.453 0.790 1.568 0.927 0.641 41% 15.8 6.8% 3.4% 3.4% 3.5% 4.4% 6.2% 5.4% 5.9%	4.501 0.794 1.523 0.904 0.619 41% 16.0 6.8% 3.4% 3.4% 3.5% 4.4% 6.1% 5.3% 5.9%	6.8% 3.4% 3.5% 4.5% 6.1% 5.3% 5.8%
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# Business & Industry Consulting

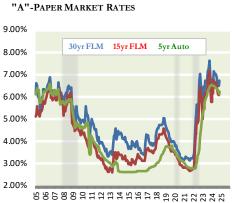
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cial Investments

Regulatory Exper

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

	30yr	15yr	5yr
	Mortgage	Mortgage	Vehicle
Current	2.44%	2.04%	1.99%
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%



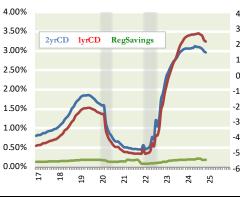
#### "A"-PAPER PRICING SPREADS



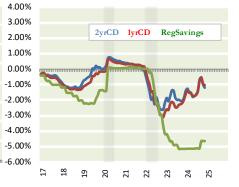
**RESOURCES** <sup>TM</sup>

	Reg Svgs	1yr CD	2yr CD
Current	-4.64%	-1.03%	-1.20%
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
		4.83%	4.14%	4.24%	4.36%	5.00%	4.25%	6.11%	6.26%	6.25%	6.72%
Share Draft	0.12%	4.71%	4.02%	4.12%	4.24%	4.88%	4.13%	5.99%	6.14%	6.13%	6.60%
Regular Savings	0.19%	4.64%	3.95%	4.05%	4.17%	4.81%	4.06%	5.92%	6.07%	6.06%	6.53%
Money Market	0.89%	3.94%	3.25%	3.35%	3.47%	4.11%	3.36%	5.22%	5.37%	5.36%	5.83%
FHLB Overnight	4.82%	0.01%	-0.68%	-0.58%	-0.46%	0.18%	-0.57%	1.29%	1.44%	1.43%	1.90%
Catalyst Settlement	6.15%	-1.32%	-2.01%	-1.91%	-1.79%	-1.15%	-1.90%	-0.04%	0.11%	0.10%	0.57%
6mo Term CD	3.04%	1.79%	1.10%	1.20%	1.32%	1.96%	1.21%	3.07%	3.22%	3.21%	3.68%
6mo FHLB Term	4.45%	0.38%	-0.31%	-0.21%	-0.09%	0.55%	-0.20%	1.66%	1.81%	1.80%	2.27%
6mo Catalyst Term	5.05%	-0.22%	-0.91%	-0.81%	-0.69%	-0.05%	-0.80%	1.06%	1.21%	1.20%	1.67%
1yr Term CD	3.42%	1.41%	0.72%	0.82%	0.94%	1.58%	0.83%	2.69%	2.84%	2.83%	3.30%
1yr FHLB Term	4.40%	0.43%	-0.26%	-0.16%	-0.04%	0.60%	-0.15%	1.71%	1.86%	1.85%	2.32%
2yr Term CD	3.08%	1.75%	1.06%	1.16%	1.28%	1.92%	1.17%	3.03%	3.18%	3.17%	3.64%
2yr FHLB Term	4.01%	0.82%	0.13%	0.23%	0.35%	0.99%	0.24%	2.10%	2.25%	2.24%	2.71%
3yr Term CD	2.94%	1.89%	1.20%	1.30%	1.42%	2.06%	1.31%	3.17%	3.32%	3.31%	3.78%
3yr FHLB Term	3.95%	0.88%	0.19%	0.29%	0.41%	1.05%	0.30%	2.16%	2.31%	2.30%	2.77%
7yr FHLB Term	4.22%	0.61%	-0.08%	0.02%	0.14%	0.78%	0.03%	1.89%	2.04%	2.03%	2.50%
10yr FHLB Term	4.43%	0.40%	-0.29%	-0.19%	-0.07%	0.57%	-0.18%	1.68%	1.83%	1.82%	2.29%



Market Analysis



Financial Investments

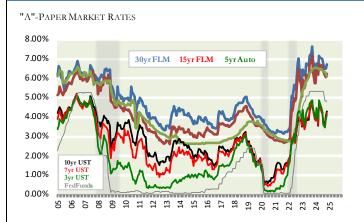
**Risk Management Regulatory Expert** 

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

Strategic Solutions

#### **RELATIVE VALUE OF MARGINAL INVESTMENT OPTIONS**





	Current		Then for			The Net Retu	urn 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	4.83%	-	-	-	-	-	-	-	-	-	-
1yr Agy	4.14%	1 year	4 years	7.37%	6.78%	6.60%	6.79%	4.75%	5.29%	4.80%	4.47%
2yr Agy Callable	4.24%	2 years	3 years	8.37%	7.59%	7.36%	7.61%	4.96%	5.76%	5.26%	4.60%
3yr Agy Callable	4.36%	3 years	2 years	10.26%	9.09%	8.74%	9.11%	5.32%	6.92%	-	-
3yr Agy MBS	4.58%	3 years	2 years	9.93%	8.76%	8.41%	8.78%	4.66%	6.26%	-	-
4yr Agy Callable	5.00%	4 years	1 year	13.60%	11.25%	10.55%	11.30%	-	-	-	-
4yr Agy MBS	4.60%	4 years	1 year	15.20%	12.85%	12.15%	12.90%	-	-	-	-
5yr Agy Callable	4.25%	5 years	-	-	-	-	-	-	-	-	-
5yr New Vehicle	6.11%	3 years	2 years	7.64%	6.46%	-	-	-	-	-	-
5yr Used Vehicle	6.26%	3 years	2 years	7.41%	6.24%	-	-	-	-	-	-
15yr Mortgage	6.25%	5 years	-	-	-	-	-	-	-	-	-
30yr Mortgage	6.72%	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	0.12%	1 year	2 years	4.35%	5.87%	6.04%	7.90%
Regular Savings	0.19%	1 year	2 years	4.32%	5.83%	5.97%	7.83%
Money Market	0.89%	1 year	2 years	3.97%	5.48%	5.27%	7.13%
FHLB Overnight	4.82%	1 year	2 years	2.00%	3.52%	1.34%	3.20%
Catalyst Settlement	6.15%	1 year	2 years	1.34%	2.85%	0.01%	1.87%
6mo Term CD	3.04%	6 mos	2.5 yrs	2.92%	4.13%	3.09%	4.33%
6mo FHLB Term	4.45%	6 mos	2.5 yrs	2.64%	3.85%	2.62%	3.86%
6mo Catalyst Term	5.05%	6 mos	2.5 yrs	2.52%	3.73%	2.42%	3.66%
1yr Term CD	3.42%	1 year	2 years	2.70%	4.22%	2.74%	4.60%
1yr FHLB Term	4.40%	1 year	2 years	2.21%	3.73%	1.76%	3.62%
2yr Term CD	3.08%	2 years	1 year	2.66%	5.69%	-	-
2yr FHLB Term	4.01%	2 years	1 year	0.80%	3.83%	-	-
3yr Term CD	2.94%	3 years	-	-	-	-	-
3yr FHLB Term	3.95%	3 years	-	-	-	-	-
7yr FHLB Term	4.22%	-	-	-	-	-	-
10yr FHLB Term	4.43%	-	-	-	-	-	-

\* Highest relative value noted by highest differentials and volatility projections



Business & Industry Consulting

MERIDIAN ECONOMICS Trusted Insight, Effective Solutions

Market Analysis

Strategic Solutions

RESOURCES

Risk Management

Regu	latory	Expert

	<\$2	\$2-10	\$10-50	\$50-100	\$100-500	\$500>		<\$10	<\$50	<\$100	<\$500	
Q2-2024	Million	Million	<million< th=""><th>Million</th><th>Million</th><th>Million</th><th>TOTAL</th><th>Million</th><th>Million</th><th>Million</th><th>Million</th></million<>	Million	Million	Million	TOTAL	Million	Million	Million	Million	
DEMOGRAPHICS												
Number of Credit Unions	277	622	1,236	622	1,058	718	4,533	899	2,135	2,757	3,815	
Average Assets (\$Mil)	\$0.903	\$5.7	\$26.2	\$72.1	\$229.6	\$2,748.0	\$506.7	\$4.2	\$16.9	\$29.4	\$84.9	
Pct of Credit Unions Pct of Industry Assets	6% 0.0%	14% 0.2%	27% 1%	14% 2%	23% 11%	16% 86%	100% 100%	20% 0%	47% 2%	61% 4%	84% 14%	
	GROWTH RATES (YTD)											
Total Assets	3.8%	-8.8%	-6.8%	-3.0%	1.1%	4.3%	3.7%	-8.0%	-6.9%	-4.8%	-0.4%	
Total Loans	1.5%	-10.8%	-9.1%	-5.7%	-2.1%	2.6%	1.9%	-10.1%	-9.2%	-7.2%	-3.3%	
<ul> <li>Direct Loans</li> <li>Indirect Loans</li> </ul>	1.7%	-10.7% -40.0%	-9.1% -9.8%	-5.2% -10.2%	-0.7% -9.6%	4.3% -5.4%	3.5% -5.9%	-10.0% -81.8%	-9.2% -10.0%	-7.0% -10.2%	-2.2% -9.7%	
- Real Estate Loans	-79%	-13.9%	-108.8%	-5.2%	18.0%	6.1%	5.5%	-48.9%	-107.9%	-58.5%	0.2%	
Total Shares	0.2%	-7.6%	-6.3%	-2.9%	1.1%	4.8%	4.0%	-7.1%	-6.4%	-4.5%	-0.3%	
<ul> <li>Checking &amp; Savings</li> <li>Term CDs</li> </ul>	0.3% 15.6%	-11.3% 9.4%	-10.1% 13.7%	-6.7% 15.3%	-3.4% 19.7%	1.7% 18.3%	0.5% 18.3%	-10.5% 9.0%	-10.1% 13.3%	-8.3% 14.5%	-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	21.2%	17.8%	13.5%	12.8%	11.5%	10.9%	11.0%	18.1%	13.9%	13.3%	11.9%	
Cash & Inv-to-Total Assets	47.8%	43.7%	43.3%	38.7%	29.2%	23.5%	24.7%	44.0%	43.4%	40.8%	32.1%	
Loans-to-Total Assets Vehicle-to-Total Loans	47.6% 62.7%	52.7% 67.8%	52.7% 52.8%	56.3% 45.1%	64.8% 37.5%	71.8% 28.9%	70.4% 30.3%	52.4% 67.5%	52.7% 54.4%	54.7% 49.1%	62.3% 40.0%	
REL-to-Total Loans	0.6%	6.6%	28.5%	38.7%	47.6%	55.8%	54.3%	6.3%	26.2%	33.3%	44.4%	
REL-to-Net Worth Indirect-to-Total Loans	1.4% 0.1%	19.6% 0.1%	111.6% 3.6%	169.6% 9.4%	268.4% 15.6%	367.1% 17.1%	346.4% 16.7%	18.2% 0.1%	99.0% 3.3%	136.6% 6.8%	231.6% 13.7%	
Loans-to-Total Shares	61.5%	64.6%	61.2%	65.0%	74.7%	86.0%	84.0%	64.4%	61.5%	63.5%	71.9%	
Chkg & Svgs-to-Total Shares Nonterm-to-Total Shares	92.7% 92.7%	82.4% 83.9%	73.2% 78.9%	68.4% 76.6%	59.1% 71.2%	46.6% 64.9%	48.8% 66.1%	83.1% 84.5%	74.2% 79.4%	71.0% 77.9%	62.1% 72.9%	
Term CDs-to-Total Shares	5.0%	12.4%	15.5%	16.8%	22.3%	28.6%	27.4%	11.9%	15.1%	16.1%	20.7%	
Liquidity Ratio Short-term Funding Ratio	26.5% 42.7%	13.2% 31.6%	9.7% 25.1%	9.2% 21.0%	8.7% 15.3%	8.3% 12.0%	8.4% 12.7%	14.1% 25.8%	10.1% 23.2%	9.6% 17.3%	9.0% 12.8%	
Short-term Cash Flow Ratio	46.2%	35.6%	29.2%	25.4%	20.4%	17.6%	18.2%	36.3%	30.0%	27.5%	22.1%	
Net Long-term Asset Ratio	3.5%	7.4%	19.1%	25.9%	31.5%	36.5%	35.4%	17.9%	22.3%	29.1%	35.4%	
LOAN QUALITY												
Loan Delinquency Ratio Net Charge-off Ratio	3.13% 1.05%	1.37% 0.46%	1.05% 0.39%	0.85% 0.45%	0.73% 0.47%	0.85% 0.84%	0.84% 0.79%	1.08% 0.40%	0.95% 0.43%	0.78% 0.46%	0.84% 0.79%	
"Misery" Index	4.18%	1.83%	1.44%	1.30%	1.20%	1.69%	1.63%	1.48%	1.38%	1.24%	1.63%	
Core Delinguency Rate	3.00%	1.28%	0.98%	0.75%	0.69%	0.76%	0.76%	1.37%	1.01%	0.86%	0.72%	
Core Net Charge-off Rate	0.64%	0.25%	0.26%	0.30%	0.33%	0.60%	0.57%	0.27%	0.26%	0.28%	0.32%	
Core "Misery" Index	3.63%	1.53%	1.24%	1.05%	1.01%	1.37%	1.33%	1.64%	1.27%	1.14%	1.04%	
RE Loan Delinquency Vehicle Loan Delinquency	18.14% 2.86%	1.00% 1.29%	0.85% 1.01%	0.60% 0.83%	0.56% 0.81%	0.61% 0.82%	0.61% 0.83%	1.10% 1.38%	0.86% 1.06%	0.69% 0.94%	0.58% 0.84%	
Direct Loans	2.87%	1.29%	1.00%	0.80%	0.71%	0.66%	0.71%	1.38%	1.05%	0.93%	0.79%	
Indirect Loans	0.00%	1.42%	1.12%	0.93%	0.92%	0.87%	0.88%	1.31%	1.12%	0.97%	0.93%	
Loss Allow as % of Loans Current Loss Exposure	2.85% 1.44%	1.21% 0.62%	0.92% 0.50%	0.83% 0.50%	0.82% 0.46%	1.34% 0.51%	1.27% 0.50%	1.31% 0.67%	0.96% 0.52%	0.88% 0.51%	0.83% 0.47%	
Coverage Ratio (Adequacy)	2.0	1.9	1.8	1.6	1.8	2.6	2.5	2.0	1.8	1.7	1.8	
EARNINGS												
Gross Asset Yield	4.92%	4.70%	4.35%	4.33%	4.58%	5.00%	4.93%	4.72%	4.39%	4.36%	4.53%	
Cost of Funds Gross Interest Margin	0.51% <b>4.41%</b>	0.81% <b>3.90%</b>	0.84% 3.50%	0.95% <b>3.38%</b>	1.33% <b>3.26%</b>	1.99% <b>3.01%</b>	1.88% <b>3.05%</b>	0.79% <b>3.93%</b>	0.84% 3.55%	0.90% <b>3.46%</b>	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	4.01%	3.61%	3.25%	3.12%	2.94%	2.39%	2.48%	3.64%	3.29%	3.20%	3.01%	
Non-Interest Income	1.37%	0.51%	0.80%	0.99%	1.13%	1.03%	1.04%	0.57%	0.77%	0.90%	1.07%	
Non-Interest Expense Net Operating Expense	4.94% 3.57%	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% 1.86%	2.98% <b>1.95%</b>	3.85% <b>3.29%</b>	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).	0.36%	0.08%	0.02%	0.03%	0.03%	0.08%	0.08%	0.10%	0.03%	0.03%	0.03%	
Not Income.	0.81%	0.43%	0.64%	0.55%	0.59%	0.62%	0.61%	0.45%	0.62%	0.58%	0.59%	
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

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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 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% Fundng 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 Consul	lting	Market Ana	Market Analysis Stra		trategic Solutions Fin		Financial Investments		Risk Management		ory Expert
Business & industry consu	iting	Market And	17515	Strategic 50		T maneiar m	vestiments	NISK MIGT	ugement	педини	
	<\$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



MERIDIAN ECONOMICS Trusted Insight, Effective Solutions



Business & Industry Consulting		Market Anal	ysis	Strategic Solutions Financial Investments Risk Managemer						nt 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	Γ:											
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%	1.74	
Travel & Conference	0.05%	0.03%	0.03%	0.04%	0.04%	0.02%	0.02%	0.03%	0.03%	0.03%	0.04	
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%	0.6	
Educational & Promo	0.03%	0.03%	0.07%	0.09%	0.11%	0.11%	0.11%	0.03%	0.07%	0.08%	0.1	
Loan Servicing	0.16%	0.13%	0.19%	0.23%	0.24%	0.19%	0.19%	0.13%	0.18%	0.21%	0.2	
Professional & Outside Sv	0.48%	0.47%	0.48%	0.50%	0.40%	0.24%	0.27%	0.47%	0.48%	0.49%	0.4	
Member Insurance	0.04%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.00%	0.0	
Operating Fees	0.06%	0.03%	0.02%	0.02%	0.02%	0.01%	0.01%	0.03%	0.02%	0.02%	0.0	
Miscellaneous	0.32%	0.15%	0.10%	0.13%	0.07%	0.10%	0.10%	0.16%	0.11%	0.12%	0.0	
Total Ops Expense	4.94%	3.78%	3.43%	3.59%	3.52%	2.89%	2.98%	3.85%	3.48%	3.54%	3.5	
Net Operating Expense	3.57%	3.27%	2.63%	2.60%	2.39%	1.86%	1.95%	3.29%	2.70%	2.64%	2.4	

# 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
								<u> </u>			
Compensation & Benefits	\$24,944	\$32,961	\$69 <i>,</i> 924	\$76 <i>,</i> 326	\$83 <i>,</i> 883	\$107 <i>,</i> 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	\$2,673	\$2,755	\$8,638	\$10,028	\$10,363	\$11,616	\$11,268	\$2,747	\$7,255	\$8 <i>,</i> 637	\$9,880
Office Operations	\$14,254	\$14,343	\$31,235	\$32 <i>,</i> 154	\$31,206	\$36 <i>,</i> 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 <i>,</i> 694	\$7,085	\$506	\$2,457	\$3,205	\$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	\$5,345	\$7,979	\$21 <i>,</i> 043	\$22 <i>,</i> 877	\$19,038	\$16 <i>,</i> 889	\$17,404	\$7,725	\$17,916	\$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	\$2,565	\$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 <i>,</i> 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%