

Market Analysis

Trusted Insight, Effective Solutions

Financial Investments Risk Management

CREDI PUNION RA

Regulatory Expert

Business & Industry Consulting

Strategic Solutions

30 September 2024

SURVEY

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	Classic	Unsec	New Veh	New Veh	New Veh	Used Veh	Used Veh	HE	HE	FRM	FRM
	CCd	36mo	48mo	60mo	72mo	48mo	60mo	LOC	10yr	15 yr	30yr
United States-											
	12 240/	10.00%	C 110/	C 220/	C 40%	C 220/	C 449/	0.240/	7 400/	C 070/	C 400
National Average	13.34%	10.96%	6.11%	6.22%	6.49%	6.33%	6.44%	8.24%	7.48%	6.07%	6.49%
Mid-South-	10.01%	8.82%	4.85%	4.93%	5.15%	5.05%	5.12%	6.32%	7.82%	4.99%	5.26%
Texas	12.90%	10.73%	5.83%	5.95%	6.19%	6.03%	6.15%	8.20%	7.10%	6.23%	6.60%
Oklahoma	12.05%	11.19%	6.49%	6.49%	6.74%	6.65%	6.62%	8.07%	8.07%	6.07%	6.45%
Louisiana	12.74%	10.68%	6.13%	6.26%	6.53%	6.39%	6.52%	8.15%	8.05%	6.43%	6.71%
Arkansas	12.35%	11.51%	5.78%	5.96%	6.28%	6.16%	6.29%	7.18%	8.06%	6.24%	6.56%
Missouri	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	medal	0.00%	0.00%
Mountain Wost	13.84%	11.47%	6.35%	6.40%	6.65%	6.44%	6.49%	8.36%	7.77%	5.97%	6.47%
Mountain West-											
Arizona	14.05%	11.74%	6.49%	6.55%	6.84%	6.61%	6.67%	8.60%	7.52%	5.93%	6.49%
New Mexico	12.49%	10.84%	6.06%	6.21%	6.47%	6.28%	6.45%	8.31%	7.34%	5.71%	6.27%
Utah	13.47%	11.74%	6.25%	6.30%	6.56%	6.23%	6.28%	8.20%	7.64%	5.96%	6.43%
Colorado	14.81%	11.16%	6.34%	6.34%	6.58%	6.41%	6.41%	8.53%	7.96%	6.17%	6.57%
Idaho	14.38%	11.85%	6.59%	6.62%	6.81%	6.67%	6.64%	8.16%	8.41%	6.09%	6.57%
West-	13.15%	10.94%	6.09%	6.19%	6.38%	6.34%	6.44%	8.16%	7.79%	6.06%	6.52%
California	13.67%	10.95%	6.18%	6.28%	6.53%	6.32%	6.43%	8.40%	7.85%	6.04%	6.46%
Oregon	12.97%	12.33%	6.37%	6.45%	6.57%	6.55%	6.63%	8.41%	7.84%	6.02%	6.53%
Washington	12.86%	11.27%	6.45%	6.53%	6.62%	6.55%	6.63%	8.46%	7.78%	6.12%	6.55%
Hawaii	12.62%	8.83%	5.67%	5.79%	6.08%	6.23%	6.35%	7.49%	7.61%	6.11%	6.52%
Nevada	13.64%	11.32%	5.79%	5.90%	6.11%	6.03%	6.14%	8.02%	7.88%	6.02%	6.56%
Midwest-	13.72%	11.16%	6.06%	6.15%	6.42%	6.32%	6.40%	8.10%	7.50%	6.21%	6.58%
Illinois	14.31%	11.18%	5.76%	5.85%	6.21%	6.34%	6.42%	8.02%	7.69%	6.15%	6.49%
Ohio	13.53%	11.05%	6.13%	6.16%	6.38%	6.35%	6.40%	8.22%	7.51%	6.24%	6.64%
Michigan	13.26%	11.01%	6.34%	6.47%	6.71%	6.42%	6.54%	8.02%	7.50%	6.35%	6.66%
Wisconsin	13.53%	11.34%	5.93%	6.03%	6.29%	6.07%	6.17%	8.02%	7.20%	6.04%	6.42%
							6.49%	8.22%	7.58%	6.26%	6.70%
Indiana	13.97%	11.24%	6.16%	6.26%	6.52%	6.41%	0.4970				
								/			
South-	13.53%	11.01%	5.70%	5.86%	6.13%	6.01%	6.18%	8.24%	7.74%	6.13%	6.50%
<i>South-</i> Florida	13.53% 13.81%	11.01% 10.70%	5.70% 5.65%	5.86% 5.83%	6.13% 6.03%	6.01% 5.97%	6.18% 6.14%	8.18%	7.34%	6.19%	6.61%
Indiana South- Florida Georgia	13.53% 13.81% 15.69%	11.01% 10.70% 10.66%	5.70% 5.65% 5.53%	5.86% 5.83% 5.62%	6.13% 6.03% 5.89%	6.01% 5.97% 5.86%	6.18% 6.14% 6.00%	8.18% 8.14%	7.34% 8.17%	6.19% 6.30%	6.61% 6.58%
South- Florida Georgia South Carolina	13.53% 13.81% 15.69% 13.63%	11.01% 10.70% 10.66% 11.15%	5.70% 5.65% 5.53% 5.72%	5.86% 5.83% 5.62% 5.83%	6.13% 6.03% 5.89% 6.06%	6.01% 5.97% 5.86% 6.07%	6.18% 6.14% 6.00% 6.23%	8.18% 8.14% 8.09%	7.34% 8.17% 8.01%	6.19% 6.30% 6.04%	6.61% 6.58% 6.50%
South- Florida Georgia South Carolina Alabama	13.53% 13.81% 15.69% 13.63% 12.05%	11.01% 10.70% 10.66% 11.15% 10.67%	5.70% 5.65% 5.53% 5.72% 5.76%	5.86% 5.83% 5.62% 5.83% 5.96%	6.13% 6.03% 5.89% 6.06% 6.34%	6.01% 5.97% 5.86% 6.07% 5.94%	6.18% 6.14% 6.00% 6.23% 6.14%	8.18% 8.14% 8.09% 8.34%	7.34% 8.17% 8.01% 8.11%	6.19% 6.30% 6.04% 6.20%	6.61% 6.58% 6.50% 6.52%
South- Florida Georgia South Carolina Alabama North Carolina	13.53% 13.81% 15.69% 13.63% 12.05% 13.03%	11.01% 10.70% 10.66% 11.15% 10.67% 11.67%	5.70% 5.65% 5.53% 5.72% 5.76% 5.80%	5.86% 5.83% 5.62% 5.83% 5.96% 5.93%	6.13% 6.03% 5.89% 6.06% 6.34% 6.16%	6.01% 5.97% 5.86% 6.07% 5.94% 6.21%	6.18% 6.14% 6.00% 6.23% 6.14% 6.32%	8.18% 8.14% 8.09% 8.34% 8.29%	7.34% 8.17% 8.01% 8.11% 7.58%	6.19% 6.30% 6.04% 6.20% 6.04%	6.61% 6.58% 6.50% 6.52% 6.42%
South- Florida Georgia South Carolina Alabama North Carolina	13.53% 13.81% 15.69% 13.63% 12.05%	11.01% 10.70% 10.66% 11.15% 10.67%	5.70% 5.65% 5.53% 5.72% 5.76%	5.86% 5.83% 5.62% 5.83% 5.96%	6.13% 6.03% 5.89% 6.06% 6.34%	6.01% 5.97% 5.86% 6.07% 5.94%	6.18% 6.14% 6.00% 6.23% 6.14%	8.18% 8.14% 8.09% 8.34%	7.34% 8.17% 8.01% 8.11%	6.19% 6.30% 6.04% 6.20%	6.61% 6.58% 6.50% 6.52%
South- Florida Georgia South Carolina Alabama North Carolina West Virginia	13.53% 13.81% 15.69% 13.63% 12.05% 13.03%	11.01% 10.70% 10.66% 11.15% 10.67% 11.23%	5.70% 5.65% 5.53% 5.72% 5.76% 5.80%	5.86% 5.83% 5.62% 5.83% 5.96% 5.93%	6.13% 6.03% 5.89% 6.06% 6.34% 6.16%	6.01% 5.97% 5.86% 6.07% 5.94% 6.21%	6.18% 6.14% 6.00% 6.23% 6.14% 6.32% 6.26%	8.18% 8.14% 8.09% 8.34% 8.29%	7.34% 8.17% 8.01% 8.11% 7.58%	6.19% 6.30% 6.04% 6.20% 6.04% 6.01%	6.61% 6.58% 6.50% 6.52% 6.42%
South- Florida Georgia South Carolina Alabama North Carolina West Virginia	13.53% 13.81% 15.69% 13.63% 12.05% 13.03% 12.94%	11.01% 10.70% 10.66% 11.15% 10.67% 11.67% 11.23% 10.83%	5.70% 5.65% 5.72% 5.76% 5.80% 5.71% 6.06%	5.86% 5.83% 5.62% 5.83% 5.96% 5.93% 5.96% 6.17%	6.13% 6.03% 5.89% 6.06% 6.34% 6.16% 6.32% 6.54%	 6.01% 5.97% 5.86% 6.07% 5.94% 6.21% 6.02% 6.29%	6.18% 6.14% 6.00% 6.23% 6.14% 6.32% 6.26% 6.26%	8.18% 8.14% 8.09% 8.34% 8.29% 8.39% 7.98%	7.34% 8.17% 8.01% 8.11% 7.58% 7.24% 7.10%	6.19% 6.30% 6.04% 6.20% 6.04% 6.01% 6.01%	6.61% 6.58% 6.50% 6.52% 6.42% 6.38%
South- Florida Georgia South Carolina Alabama North Carolina West Virginia Northeast- New York	13.53% 13.81% 15.69% 13.63% 12.05% 13.03% 12.94% 12.85% 12.60%	11.01% 10.70% 10.66% 11.15% 10.67% 11.67% 11.23% 10.83% 11.26%	5.70% 5.65% 5.72% 5.76% 5.80% 5.71% 6.06% 6.32%	5.86% 5.83% 5.62% 5.83% 5.96% 5.93% 5.96% 6.17% 6.39%	6.13% 6.03% 5.89% 6.06% 6.34% 6.16% 6.32% 6.54% 6.78%	6.01% 5.97% 5.86% 6.07% 5.94% 6.21% 6.02% 6.29% 6.44%	6.18% 6.14% 6.00% 6.23% 6.14% 6.32% 6.26% 6.26% 6.40% 6.52%	8.18% 8.14% 8.09% 8.34% 8.29% 8.39% 7.98% 7.85%	7.34% 8.17% 8.01% 8.11% 7.58% 7.24% 7.10% 6.96%	6.19% 6.30% 6.04% 6.20% 6.04% 6.01% 6.01% 6.00% 6.13%	6.61% 6.58% 6.50% 6.52% 6.42% 6.38% 6.42% 6.49%
South- Florida Georgia South Carolina Alabama North Carolina West Virginia Northeast- New York Massachusetts	13.53% 13.81% 15.69% 13.63% 12.05% 13.03% 12.94% 12.85% 12.60% 12.62%	11.01% 10.70% 10.66% 11.15% 10.67% 11.67% 11.23% 10.83% 11.26% 11.28%	5.70% 5.65% 5.72% 5.76% 5.80% 5.71% 6.06% 6.32% 6.34%	5.86% 5.83% 5.62% 5.96% 5.93% 5.96% 6.17% 6.39% 6.41%	6.13% 6.03% 5.89% 6.06% 6.34% 6.16% 6.32% 6.54% 6.78% 6.80%	 6.01% 5.97% 5.86% 6.07% 5.94% 6.21% 6.02% 6.29% 6.44% 6.46% 	6.18% 6.14% 6.00% 6.23% 6.14% 6.32% 6.26% 6.26% 6.52% 6.52% 6.54%	8.18% 8.14% 8.09% 8.34% 8.29% 8.39% 7.98% 7.85% 7.85% 7.87%	7.34% 8.17% 8.01% 8.11% 7.58% 7.24% 7.10% 6.96% 6.98%	6.19% 6.30% 6.04% 6.20% 6.04% 6.01% 6.01% 6.00% 6.13% 6.13%	6.619 6.589 6.509 6.529 6.429 6.389 6.429 6.499 6.499
South- Florida Georgia South Carolina Alabama North Carolina West Virginia Northeast- New York	13.53% 13.81% 15.69% 13.63% 12.05% 13.03% 12.94% 12.85% 12.60%	11.01% 10.70% 10.66% 11.15% 10.67% 11.67% 11.23% 10.83% 11.26%	5.70% 5.65% 5.72% 5.76% 5.80% 5.71% 6.06% 6.32%	5.86% 5.83% 5.62% 5.83% 5.96% 5.93% 5.96% 6.17% 6.39%	6.13% 6.03% 5.89% 6.06% 6.34% 6.16% 6.32% 6.54% 6.78%	6.01% 5.97% 5.86% 6.07% 5.94% 6.21% 6.02% 6.29% 6.44%	6.18% 6.14% 6.00% 6.23% 6.14% 6.32% 6.26% 6.26% 6.40% 6.52%	8.18% 8.14% 8.09% 8.34% 8.29% 8.39% 7.98% 7.85%	7.34% 8.17% 8.01% 8.11% 7.58% 7.24% 7.10% 6.96%	6.19% 6.30% 6.04% 6.20% 6.04% 6.01% 6.01% 6.00% 6.13%	6.619 6.589 6.509 6.529 6.429 6.389 6.429



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Business & Industry Consulting

Risk Management Regulatory Exper

30 September 2024

	Share	Regular	\$10K	\$50K	3MO	6MO	1YR	2YR	3YR	4YR
	Draft	Savings	MMkt	MMkt	CD	CD	CD	CD	CD	CD
United States-										
National Average	0.21%	0.19%	0.89%	1.21%	2.11%	2.99%	3.28%	2.99%	2.88%	2.85%
Mid-South-	0.24%	0.24%	0.73%	0.93%	2.02%	2.54%	2.77%	2.45%	2.28%	2.32%
Texas	0.25%	0.26%	0.82%	1.04%	2.72%	3.45%	3.70%	3.29%	3.14%	3.119
Oklahoma	0.37%	0.32%	0.65%	0.96%	2.73%	3.28%	3.28%	2.88%	2.70%	2.75%
Louisiana	0.43%	0.23%	0.98%	1.21%	2.75%	3.36%	3.82%	3.32%	3.01%	3.23%
Arkansas	0.17%	0.14%	1.20%	1.42%	1.89%	2.61%	3.07%	2.76%	2.53%	2.52%
Missouri	0.00%	medal	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Mountain West-	0.28%	0.18%	1.06%	1.43%	2.91%	3.61%	3.80%	3.32%	3.20%	3.10%
Arizona	0.14%	0.26%	1.02%	1.41%	3.44%	3.77%	3.91%	3.42%	3.26%	3.06%
New Mexico	0.11%	0.20%	1.08%	1.34%	2.82%	3.42%	3.59%	3.25%	3.20%	2.94%
Utah	0.24%	0.11%	1.44%	2.03%	3.75%	4.29%	4.44%	3.89%	3.78%	3.73%
Colorado	0.27%	0.20%	0.94%	1.18%	3.20%	3.60%	3.69%	3.25%	3.08%	3.14%
Idaho	0.65%	0.11%	0.81%	1.20%	1.35%	2.96%	3.39%	2.79%	2.68%	2.65%
Wast	0.19%	0.18%	0.70%	0.98%	2.04%	2.98%	3.21%	2.89%	2.83%	2.85%
<i>West-</i> California	0.13%	0.21%	0.73%		2.34%		3.01%	2.87%	2.92%	2.90%
				1.01%		2.73%				
Oregon	0.31%	0.08%	0.57%	0.82%	0.88%	2.40%	2.81%	2.55%	2.47%	2.52%
Washington	0.16%	0.19%	0.74%	1.00%	1.53%	3.08%	3.41%	2.73%	2.63%	2.60%
Hawaii	0.06%	0.18%	0.37%	0.69%	2.40%	3.39%	2.96%	2.88%	2.83%	2.96%
Nevada	0.18%	0.22%	1.07%	1.39%	3.07%	3.31%	3.84%	3.43%	3.30%	3.27%
Midwest-	0.29%	0.17%	0.90%	1.29%	1.69%	2.59%	2.92%	2.76%	2.76%	2.72%
Illinois	0.41%	0.24%	0.91%	1.23%	1.84%	2.51%	2.50%	2.40%	2.40%	2.28%
Ohio	0.34%	0.10%	1.10%	1.53%	2.01%	3.01%	3.36%	3.04%	2.99%	2.96%
Michigan	0.23%	0.12%	0.79%	1.16%	1.69%	2.77%	3.00%	2.72%	2.66%	2.68%
Wisconsin	0.29%	0.21%	0.81%	1.35%	1.54%	2.17%	2.95%	2.91%	3.04%	2.98%
Indiana	0.20%	0.18%	0.88%	1.18%	1.39%	2.50%	2.77%	2.74%	2.71%	2.69%
South-	0.28%	0.21%	0.92%	1.18%	1.99%	2.91%	3.38%	3.05%	2.88%	2.95%
Florida	0.27%	0.17%	0.69%	0.87%	2.20%	2.97%	3.22%	3.00%	2.81%	2.88%
Georgia	0.16%	0.27%	0.89%	1.19%	2.10%	3.06%	3.55%	3.11%	3.01%	3.01%
South Carolina	0.14%	0.18%	1.14%	1.63%	1.84%	2.43%	3.19%	2.89%	2.78%	3.05%
Alabama	0.71%	0.27%	0.88%	1.09%	2.04%	2.99%	3.29%	2.92%	2.76%	2.90%
North Carolina	0.12%	0.21%	1.24%	1.43%	2.00%	2.88%	3.57%	3.31%	3.15%	3.07%
West Virginia	0.29%	0.17%	0.66%	0.86%	1.77%	3.13%	3.46%	3.05%	2.75%	2.78%
	0.005/	0.100/	0 77%	1.05%	2 4 00/	2.070/	3 4 40/	2.070/	2 720/	3 740
Northeast-	0.20%	0.19%	0.77%	1.05%	2.10%	2.87%	3.14%	2.87%	2.72%	2.719
New York	0.14%	0.12%	0.66%	1.02%	1.80%	2.65%	2.76%	2.44%	2.20%	2.09%
Massachusetts	0.16%	0.14%	0.68%	1.04%	1.82%	2.67%	2.78%	2.46%	2.22%	2.119
Pennsylvania	0.16%	0.19%	0.89%	1.20%	2.26%	3.10%	3.38%	3.03%	2.94%	2.97%
New Jersey	0.20%	0.35%	0.83%	1.09%	2.30%	2.79%	3.06%	2.88%	2.84%	2.93%
Maryland	0.36%	0.14%	0.77%	0.92%	2.33%	3.14%	3.70%	3.54%	3.38%	3.46%





Market Analysis

Trusted Insight, Effective Solutions

Strategic Solutions



Business & Industry Consulting

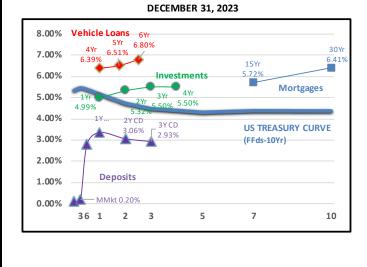
Financial Investments Risk Management

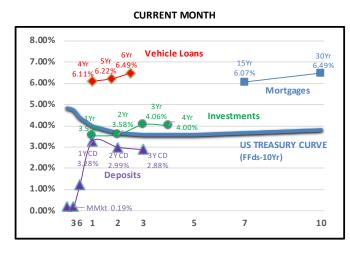
Regulatory Expert

30 September 2024

	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24
Fed Funds	5.33%	5.33%	5.33%	5.33%	5.33%	5.33%	5.33%	5.33%	5.33%	5.33%	5.33%	5.33%	4.83%
1yr UST	5.46%	5.44%	5.16%	5.16%	4.68%	5.01%	5.03%	5.25%	5.18%	5.09%	4.73%	4.38%	3.98%
2yr UST	5.03%	5.07%	4.73%	4.73%	4.20%	4.64%	4.59%	5.04%	4.89%	4.71%	4.29%	3.91%	3.66%
Byr UST	4.80%	4.90%	4.48%	4.48%	3.96%	4.43%	4.40%	4.87%	4.69%	4.52%	4.10%	3.79%	3.58%
5yr UST	4.60%	4.82%	4.31%	4.31%	3.80%	4.26%	4.21%	4.72%	4.52%	4.33%	3.97%	3.71%	3.58%
'yr UST	4.61%	4.89%	4.38%	4.38%	3.83%	4.28%	4.20%	4.71%	4.52%	4.33%	4.00%	3.80%	3.67%
.0yr UST	4.59%	4.88%	4.37%	4.37%	3.87%	4.25%	4.20%	4.69%	4.51%	4.36%	4.09%	3.91%	3.81%
0yr UST	7.37%	5.04%	4.54%	4.54%	4.10%	4.38%	4.34%	4.79%	4.65%	4.51%	4.35%	4.20%	4.14%
yr Vehicle	6.31%	6.44%	6.49%	6.51%	6.52%	6.50%	6.24%	6.48%	6.45%	6.43%	6.39%	6.35%	6.22%
5yr FLM	6.71%	7.18%	6.21%	5.66%	6.39%	6.41%	6.17%	6.70%	6.48%	6.54%	6.49%	5.72%	6.07%
Oyr FLM	7.37%	7.65%	6.74%	6.32%	6.76%	6.83%	6.58%	7.21%	6.91%	6.90%	6.86%	6.20%	6.49%
Reg Savings	0.19%	0.19%	0.19%	0.20%	0.20%	0.20%	0.20%	0.20%	0.19%	0.19%	0.19%	0.19%	0.19%
/oneyMkt	1.12%	1.16%	1.17%	1.18%	1.20%	1.21%	1.21%	1.21%	1.22%	1.22%	1.22%	1.22%	1.21%
lyr CD	3.17%	3.29%	3.34%	3.36%	3.40%	3.41%	3.42%	3.42%	3.44%	3.44%	3.44%	3.41%	3.28%
2yr CD	2.98%	3.04%	3.05%	3.06%	3.06%	3.07%	3.07%	3.08%	3.09%	3.10%	3.10%	3.07%	2.99%
Pricing Spread	ls-												
/eh Loan	1.51%	1.54%	2.01%	2.03%	2.56%	2.07%	1.84%	1.61%	1.76%	1.91%	2.29%	2.56%	2.64%
.5yr FLM	2.10%	2.29%	1.83%	1.28%	2.56%	2.13%	1.97%	1.99%	1.96%	2.21%	2.49%	1.92%	2.40%
0yr FLM	2.78%	2.77%	2.37%	1.95%	2.89%	2.58%	2.38%	2.52%	2.40%	2.54%	2.77%	2.29%	2.68%
eg Svgs	-5.14%	-5.14%	-5.14%	-5.13%	-5.13%	-5.13%	-5.13%	-5.13%	-5.14%	-5.14%	-5.14%	-5.14%	-4.64%
1Mkt	-4.21%	-4.17%	-4.16%	-4.15%	-4.13%	-4.12%	-4.12%	-4.12%	-4.11%	-4.11%	-4.11%	-4.11%	-3.629
yrCD	-2.29%	-2.15%	-1.82%	-1.80%	-1.28%	-1.60%	-1.61%	-1.83%	-1.74%	-1.65%	-1.29%	-0.97%	-0.70
2yrCD	-2.05%	-2.03%	-1.68%	-1.67%	-1.14%	-1.57%	-1.52%	-1.96%	-1.80%	-1.61%	-1.19%	-0.84%	-0.679

HISTORICAL NATIONAL MARKET RATES AND RELATIVE PRICING SPREADS





Historical Yield Curve and Relative Value



Market Analysis

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Business & Industry Consulting

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Risk Management
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Financial Investments

30 September 2024

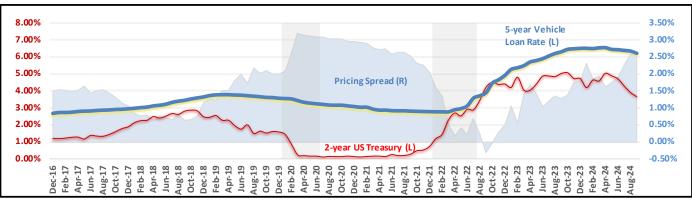
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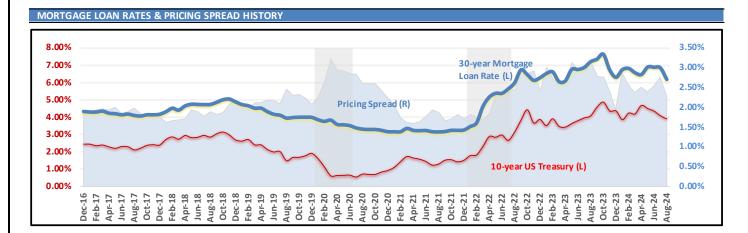
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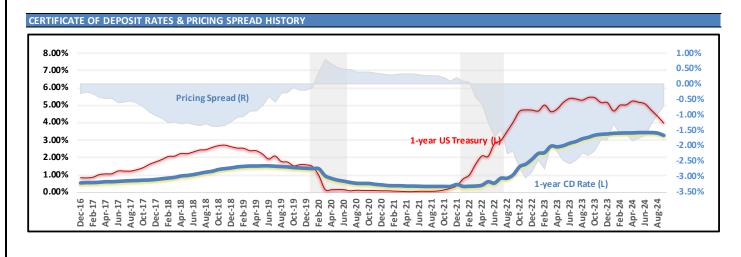
		Y	EAR-OVER-	YEAR CHA	NGE		AGGREGATE CHANGE				
	Dec18 to Dec19	Dec19 to Dec20	Dec20 to Dec21	Dec21 to Dec22	Dec 22 to Current	Dec 23 to Current	Dec19 to Current	Dec20 to Current	Dec21 to Current	Dec22 to Current	
Fed Funds	-0.85%	-1.46%	-0.01%	4.25%	1.00%	-0.50%	3.28%	4.74%	4.75%	0.50%	
1yr UST	-1.04%	-1.49%	0.29%	4.34%	0.43%	-1.18%	2.39%	3.88%	3.59%	-0.75%	
2yr UST	-0.90%	-1.45%	0.60%	3.68%	0.32%	-1.07%	2.08%	3.53%	2.93%	-0.75%	
3yr UST	-0.84%	-1.45%	0.80%	3.25%	0.26%	-0.90%	1.96%	3.41%	2.61%	-0.64%	
5yr UST	-0.82%	-1.33%	0.90%	2.73%	0.32%	-0.73%	1.89%	3.22%	2.32%	-0.41%	
7yr UST	-0.76%	-1.18%	0.79%	2.52%	0.42%	-0.71%	1.84%	3.02%	2.23%	-0.29%	
10yr UST	-0.77%	-0.99%	0.59%	2.36%	0.49%	-0.56%	1.89%	2.88%	2.29%	-0.07%	
5yr Vehicle	-0.05%	-0.51%	-0.30%	2.14%	1.59%	-0.29%	2.63%	3.14%	3.44%	1.30%	
15yr FLM	-0.91%	-0.73%	-0.10%	2.82%	0.10%	0.41%	2.50%	3.23%	3.33%	0.51%	
30yr FLM	-0.92%	-0.84%	0.10%	3.02%	0.03%	0.17%	2.48%	3.32%	3.22%	0.20%	
Reg Savings	0.01%	-0.04%	-0.06%	0.06%	0.05%	-0.01%	0.00%	0.04%	0.10%	0.04%	
1yr CD	-0.01%	-0.96%	0.02%	1.45%	1.45%	-0.08%	1.88%	2.84%	2.82%	1.37%	
2yr CD	-0.11%	-1.07%	0.00%	1.57%	0.92%	-0.07%	1.35%	2.42%	2.42%	0.85%	

	Dec-12	Dec-13	Dec-14	Dec-15	Dec-16	Dec-17	Dec-18	Dec-19	Dec-20	Dec-21	Dec-22	Dec-23	Sep-24
Benchmark a	nd Market	Rates-											
FedFunds	0.09%	0.07%	0.06%	0.20%	0.55%	1.33%	2.40%	1.55%	0.09%	0.08%	4.33%	5.33%	4.83%
1yr UST	0.16%	0.13%	0.25%	0.65%	0.85%	1.76%	2.63%	1.59%	0.10%	0.39%	4.73%	5.16%	3.98%
2yr UST	0.25%	0.38%	0.67%	1.06%	1.20%	1.89%	2.48%	1.58%	0.13%	0.73%	4.41%	4.73%	3.66%
3yr UST	0.36%	0.78%	1.10%	1.31%	1.47%	1.98%	2.46%	1.62%	0.17%	0.97%	4.22%	4.48%	3.58%
5yr UST	0.72%	1.75%	1.65%	1.76%	1.93%	2.20%	2.51%	1.69%	0.36%	1.26%	3.99%	4.31%	3.58%
7yr UST	1.18%	2.45%	1.97%	2.09%	2.25%	2.33%	2.59%	1.83%	0.65%	1.44%	3.96%	4.38%	3.67%
10yr UST	1.78%	3.04%	2.17%	2.27%	2.45%	2.40%	2.69%	1.92%	0.93%	1.52%	3.88%	4.37%	3.81%
30yr UST	2.88%	3.89%	2.83%	2.97%	3.11%	2.77%	3.10%	2.30%	1.87%	1.93%	3.92%	4.03%	4.14%
3yr Agy Call	0.69%	1.13%	1.53%	1.81%	2.00%	2.35%	2.67%	1.80%	0.21%	1.11%	5.25%	5.75%	4.06%
5yr Vehicle	3.06%	2.68%	2.68%	2.66%	2.68%	2.94%	3.64%	3.59%	3.08%	2.78%	4.92%	6.51%	6.22%
15yr FLM	2.65%	3.52%	3.31%	3.52%	3.68%	3.68%	4.48%	3.57%	2.84%	2.74%	5.56%	5.66%	6.07%
30yr FLM	3.35%	4.48%	4.07%	4.17%	4.33%	4.17%	4.93%	4.01%	3.17%	3.27%	6.29%	6.32%	6.49%
Reg Svgs	0.20%	0.20%	0.14%	0.14%	0.14%	0.15%	0.18%	0.19%	0.15%	0.09%	0.15%	0.20%	0.19%
1yr CD	0.80%	0.80%	0.45%	0.50%	0.55%	0.75%	1.41%	1.40%	0.44%	0.46%	1.91%	3.36%	3.28%
2yr CD	1.03%	1.03%	0.68%	0.75%	0.81%	1.02%	1.75%	1.64%	0.57%	0.57%	2.14%	3.06%	2.99%
Pricing Sprea	ds-												
3yr Agy Call	0.33%	0.35%	0.43%	0.50%	0.53%	0.37%	0.21%	0.18%	0.04%	0.14%	1.03%	1.27%	0.48%
5yr Vehicle	2.70%	1.90%	1.58%	1.35%	1.21%	0.96%	1.18%	1.97%	2.91%	1.81%	0.70%	2.03%	2.64%
15yr FLM	1.47%	1.07%	1.34%	1.43%	1.43%	1.35%	1.89%	1.74%	2.19%	1.30%	1.60%	1.28%	2.40%
30yr FLM	1.57%	1.44%	1.90%	1.90%	1.88%	1.77%	2.24%	2.09%	2.24%	1.75%	2.41%	1.95%	2.68%
Reg Svgs	0.11%	0.13%	0.08%	-0.06%	-0.41%	-1.18%	-2.22%	-1.36%	0.06%	0.01%	-4.18%	-5.13%	-4.64%
1yr CD	0.64%	0.67%	0.20%	-0.15%	-0.30%	-1.01%	-1.22%	-0.19%	0.34%	0.07%	-2.82%	-1.80%	-0.70%
2yr CD	0.78%	0.65%	0.01%	-0.31%	-0.39%	-0.87%	-0.73%	0.06%	0.44%	-0.16%	-2.27%	-1.67%	-0.67%











Market Analysis

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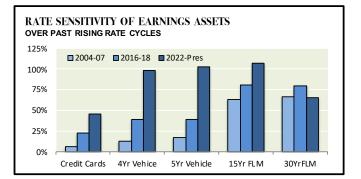
Financial Investments Risk Management

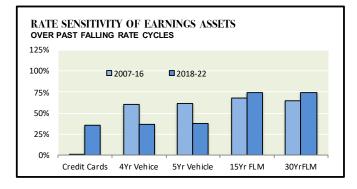
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CYCLICAL NATIONAL LOAN & SHARE RATE SENSITIVITY

		EARNING	ASSETS				FUNDING OBLIGATIONS					
		Credit	4Yr	5Yr	15Yr	30Yr		Share	Regular	Money	1Yr	2Yr
CYCLE		Cards	Vehicle	Vehicle	FLM	FLM		Drafts	Savings	Market	CD	CD
Rising Rate	Environments:											
2004-07	Rising	6%	13%	17%	63%	66%		2%	5%	41%	73%	72%
2016-18	Rising	23%	39%	39%	81%	80%		1%	2%	15%	38%	39%
2020-Pres	Rising	46%	98%	103%	108%	66%		3%	2%	15%	72%	69%
alling Rate	e Environments:											
2007-16	Falling	1%	60%	62%	68%	65%		9%	20%	51%	81%	78%
2018-20	Falling	35%	36%	37%	75%	75%		2%	4%	22%	40%	47%

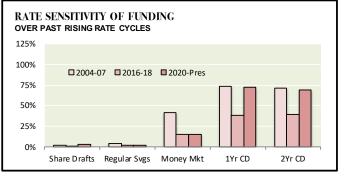


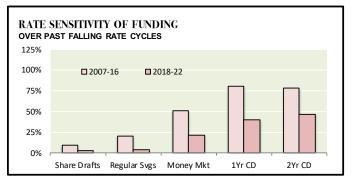


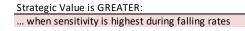
Strategic Value is GREATER: ... when sensitivity is highest during rising rates

Strategic Value is LEAST:

... when sensitivity is lowest during rising rates







Strategic Value is LEAST: ... when sensitivity is lowest during falling rates



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Market Analysis Strategic Solutions

Risk Management

Financial Investments

30 September 2024

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INDICATIVE MATCHED FUNDING VARIABLES

			1yr	2yr	3yr	4yr	5yr	5yr	5yr	15yr	30yr
		Cash	Agy	Agy	Agy	Agy	Agy	New Veh	-	Mortgage	Mortgage
		4.83%	3.53%	3.58%	4.06%	4.00%	4.25%	6.22%	6.44%	6.07%	6.49%
Share Draft	0.21%	4.62%	3.32%	3.37%	3.85%	3.79%	4.04%	6.01%	6.23%	5.86%	6.28%
Regular Savings	0.19%	4.64%	3.34%	3.39%	3.87%	3.81%	4.06%	6.03%	6.25%	5.88%	6.30%
Money Market	0.89%	3.94%	2.64%	2.69%	3.17%	3.11%	3.36%	5.33%	5.55%	5.18%	5.60%
FHLB Overnight	4.86%	-0.03%	-1.33%	-1.28%	-0.80%	-0.86%	-0.61%	1.36%	1.58%	1.21%	1.63%
Catalyst Settlement	6.15%	-1.32%	-2.62%	-2.57%	-2.09%	-2.15%	-1.90%	0.07%	0.29%	-0.08%	0.34%
6mo Term CD	2.99%	1.84%	0.54%	0.59%	1.07%	1.01%	1.26%	3.23%	3.45%	3.08%	3.50%
6mo FHLB Term	4.45%	0.38%	-0.92%	-0.87%	-0.39%	-0.45%	-0.20%	1.77%	1.99%	1.62%	2.04%
6mo Catalyst Term	5.06%	-0.23%	-1.53%	-1.48%	-1.00%	-1.06%	-0.81%	1.16%	1.38%	1.01%	1.43%
1yr Term CD	3.28%	1.55%	0.25%	0.30%	0.78%	0.72%	0.97%	2.94%	3.16%	2.79%	3.21%
1yr FHLB Term	4.20%	0.63%	-0.67%	-0.62%	-0.14%	-0.20%	0.05%	2.02%	2.24%	1.87%	2.29%
2yr Term CD	2.99%	1.84%	0.54%	0.59%	1.07%	1.01%	1.26%	3.23%	3.45%	3.08%	3.50%
2yr FHLB Term	3.85%	0.98%	-0.32%	-0.27%	0.21%	0.15%	0.40%	2.37%	2.59%	2.22%	2.64%
3yr Term CD	2.88%	1.95%	0.65%	0.70%	1.18%	1.12%	1.37%	3.34%	3.56%	3.19%	3.61%
3yr FHLB Term	3.76%	1.07%	-0.23%	-0.18%	0.30%	0.24%	0.49%	2.46%	2.68%	2.31%	2.73%
7yr FHLB Term	4.00%	0.83%	-0.47%	-0.42%	0.06%	0.00%	0.25%	2.22%	2.44%	2.07%	2.49%
10yr FHLB Term	4.22%	0.61%	-0.69%	-0.64%	-0.16%	-0.22%	0.03%	2.00%	2.22%	1.85%	2.27%

RELATIVE VALUE OF MARGINAL INVESTMENT OPTIONS

	Current		Then for		The Net Re	eturn Need	ed to Break	-even Agai	inst*:	
	Return	For	the Next	30Y FLM	15Y FLM	5Y New	5Y Used	4Y Call	3Y Call	2Y Call
Cash	4.83%	-	-	-	-	-	-	-	-	-
1yr Agy	3.53%	1 year	4 years	7.23%	6.71%	6.89%	7.17%	4.16%	4.33%	2.30%
2yr Agy Callable	3.58%	2 years	3 years	8.43%	7.73%	7.98%	8.35%	4.42%	5.02%	-
3yr Agy Callable	4.06%	3 years	2 years	10.14%	9.09%	9.46%	10.01%	3.82%	-	-
4yr Agy Callable	4.00%	4 years	1 year	16.45%	14.35%	15.10%	16.20%	-	-	-
5yr Agy Callable	4.25%	5 years	-	-	-	-	-	-	-	-
5yr New Vehicle	6.22%	3 years	2 years	6.90%	5.85%	-	-	-	-	-
5yr Used Vehicle	6.44%	3 years	2 years	6.57%	5.52%	-	-	-	-	-
15yr Mortgage	6.07%	5 years	-	-	-	-	-	-	-	-
30yr Mortgage	6.49%	5 years	-	-	-	-	-	-	-	-

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