



Market Analysis

Strategic Solutions

Financial Investments

Risk Management

egulatory Expert

#### 31 March 2022

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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	15yr	30yr
Inited States-											
National Average	10.93%	8.70%	2.67%	2.77%	3.08%	2.86%	2.96%	3.79%	4.63%	3.95%	4.63%
Mid-South-	10.88%	8.94%	2.78%	2.90%	3.18%	3.06%	3.19%	3.95%	4.67%	3.45%	3.97%
Texas	11.11%	8.60%	2.63%	2.75%	3.02%	2.82%	2.91%	3.87%	4.45%	3.41%	3.95%
Oklahoma	10.29%	9.41%	2.82%	2.84%	3.06%	2.96%	3.00%	3.85%	3.85%	3.42%	3.96%
Louisiana	10.22%	8.99%	2.79%	2.98%	3.29%	3.12%	3.27%	4.26%	5.34%	3.44%	3.86%
Arkansas	10.31%	8.65%	3.07%	3.18%	3.36%	3.64%	3.83%	3.85%	4.68%	3.62%	4.12%
Missouri	12.47%	9.03%	2.61%	2.74%	3.19%	2.77%	2.93%	3.94%	5.01%	3.38%	3.98%
Aountain West-	10.99%	7.18%	2.71%	2.78%	2.99%	2.80%	2.87%	3.95%	4.89%	3.40%	3.21%
Arizona	11.85%	9.59%	2.83%	2.91%	3.13%	2.98%	3.07%	4.17%	4.92%	3.53%	4.14%
New Mexico	12.08%	9.31%	2.62%	2.70%	2.94%	2.79%	2.89%	4.07%	5.03%	3.48%	4.09%
Utah	8.81%	8.25%	2.57%	2.63%	2.85%	2.59%	2.66%	3.77%	4.48%	3.43%	4.02%
Colorado	11.46%	8.77%	2.83%	2.88%	3.08%	2.88%	2.93%	3.84%	5.02%	3.23%	3.82%
Idaho	10.75%	0.00%	2.72%	2.78%	2.95%	2.76%	2.82%	3.91%	4.99%	3.35%	0.00%
Vest-	11.09%	8.27%	2.64%	2.75%	3.02%	2.83%	2.95%	4.00%	4.90%	3.47%	4.10%
California	11.37%	8.72%	2.62%	2.73%	3.00%	2.79%	2.88%	4.07%	4.97%	3.59%	4.179
Oregon	10.92%	9.29%	2.59%	2.67%	2.81%	2.75%	2.83%	4.03%	4.60%	3.35%	4.06%
Washington	10.58%	8.72%	2.68%	2.78%	2.92%	2.78%	2.87%	4.09%	4.80%	3.51%	4.15%
Hawaii	11.61%	5.88%	2.66%	2.81%	3.35%	3.01%	3.21%	3.67%	4.87%	3.40%	4.02%
Nevada	10.96%	8.76%	2.66%	2.78%	3.01%	2.82%	2.95%	4.15%	5.25%	3.51%	4.12%
Midwest-	11.27%	6.97%	2.64%	2.73%	3.05%	2.78%	2.87%	3.74%	4.64%	3.52%	4.16%
llinois	11.90%	8.91%	2.46%	2.59%	3.02%	2.67%	2.79%	3.88%	4.85%	3.41%	3.98%
Ohio	11.10%	8.82%	2.85%	2.91%	3.14%	3.02%	3.07%	3.67%	4.59%	3.49%	4.13%
Michigan	11.46%	8.44%	2.61%	2.70%	3.07%	2.69%	2.79%	3.75%	4.56%	3.54%	4.16%
Wisconsin	10.06%	8.69%	2.44%	2.53%	2.79%	2.55%	2.64%	3.69%	4.39%	3.50%	4.12%
Indiana	11.82%	0.00%	2.84%	2.93%	3.25%	2.96%	3.06%	3.70%	4.83%	3.66%	4.40%
South-	11.12%	7.97%	2.63%	2.73%	3.02%	2.88%	2.99%	4.02%	4.92%	3.47%	3.98%
Florida	11.53%	8.66%	2.76%	2.86%	3.08%	3.01%	3.09%	3.95%	4.77%	3.51%	3.96%
Georgia	11.61%	8.31%	2.50%	2.53%	2.87%	2.72%	2.75%	3.94%	4.95%	3.47%	3.95%
South Carolina	11.24%	9.28%	2.61%	2.69%	2.86%	2.99%	3.09%	4.27%	5.14%	3.42%	3.99%
Alabama	11.19%	4.18%	2.43%	2.63%	3.10%	2.58%	2.78%	3.86%	4.91%	3.30%	3.75%
North Carolina	10.05%	9.43%	2.86%	2.96%	3.17%	3.11%	3.22%	4.07%	4.85%	3.67%	4.23%
Northeast-	11.28%	8.74%	2.62%	2.75%	3.13%	2.82%	2.95%	3.57%	4.27%	3.46%	4.08%
New York	11.05%	9.48%	2.65%	2.75%	3.16%	2.72%	2.83%	3.46%	4.20%	3.48%	4.11%
Massachusetts	11.07%	9.50%	2.67%	2.77%	3.18%	2.74%	2.85%	3.48%	4.22%	3.50%	4.13%
Pennsylvania	11.30%	7.88%	2.71%	2.85%	3.18%	2.96%	3.10%	3.49%	3.85%	3.41%	4.03%
New Jersey	12.17%	8.45%	2.61%	2.76%	3.16%	2.97%	3.10%	3.85%	4.31%	3.42%	3.98%
Maryland	10.82%	8.40%	2.48%	2.62%	2.96%	2.72%	2.85%	3.57%	4.78%	3.51%	4.13%





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### 31 March 2022

	Share	Regular	\$10K	\$50K	ЗМО	6MO	1YR	2YR	3YR	4YR
	Draft	Savings	MMkt	MMkt	CD	CD	CD	CD	CD	CD
Jnited States-										
National Average	0.09%	0.09%	0.16%	0.22%	0.17%	0.25%	0.37%	0.50%	0.61%	0.70%
Mid-South-	0.18%	0.12%	0.20%	0.28%	0.22%	0.31%	0.44%	0.57%	0.69%	0.82%
Texas	0.10%	0.13%	0.19%	0.24%	0.23%	0.30%	0.46%	0.60%	0.72%	0.82%
Oklahoma	0.09%	0.14%	0.22%	0.33%	0.33%	0.42%	0.52%	0.65%	0.75%	0.90%
Louisiana	0.32%	0.16%	0.23%	0.30%	0.26%	0.35%	0.49%	0.65%	0.78%	0.96%
Arkansas	0.17%	0.08%	0.20%	0.28%	0.13%	0.25%	0.40%	0.50%	0.60%	0.71%
Missouri	0.20%	0.10%	0.15%	0.23%	0.16%	0.23%	0.34%	0.46%	0.58%	0.70%
Mountain West-	0.05%	0.09%	0.14%	0.20%	0.20%	0.29%	0.40%	0.53%	0.67%	0.76%
Arizona	0.05%	0.09%	0.15%	0.19%	0.18%	0.27%	0.38%	0.50%	0.63%	0.75%
New Mexico	0.06%	0.12%	0.15%	0.13%	0.18%	0.30%	0.38%	0.61%	0.03%	0.757
Utah	0.07%	0.09%	0.13%	0.16%	0.22%	0.28%	0.40%	0.49%	0.61%	0.689
Colorado	0.09%	0.03%	0.12%	0.10%	0.22%	0.25%	0.36%	0.49%	0.61%	0.70%
daho	0.00%	0.08%	0.13%	0.21%	0.13%	0.25%	0.30%	0.45%	0.01%	0.707
duno	0.00%	0.0076	0.14/0	0.2070	0.27/0	0.5578	0.42/0	0.5578	0.71/0	0.02/
Vest-	0.05%	0.07%	0.13%	0.18%	0.17%	0.24%	0.35%	0.46%	0.54%	0.63%
California	0.06%	0.08%	0.13%	0.19%	0.16%	0.24%	0.36%	0.48%	0.59%	0.69%
Oregon	0.04%	0.04%	0.09%	0.13%	0.10%	0.17%	0.23%	0.31%	0.40%	0.489
Washington	0.07%	0.07%	0.13%	0.17%	0.14%	0.21%	0.31%	0.42%	0.51%	0.59%
Hawaii	0.04%	0.08%	0.15%	0.22%	0.21%	0.29%	0.44%	0.58%	0.65%	0.71%
Nevada	0.05%	0.10%	0.14%	0.19%	0.22%	0.27%	0.39%	0.52%	0.55%	0.70%
Midwest-	0.10%	0.08%	0.14%	0.22%	0.15%	0.23%	0.33%	0.46%	0.56%	0.67%
Illinois	0.17%	0.12%	0.14%	0.23%	0.17%	0.23%	0.31%	0.41%	0.51%	0.60%
Ohio	0.00%	0.00%	0.11%	0.23%	0.17%	0.23%	0.31%	0.41%	0.51%	0.629
Michigan	0.07%	0.07%	0.11%	0.17%	0.14%	0.25%	0.36%	0.50%	0.63%	0.77%
Wisconsin	0.17%	0.09%	0.18%	0.28%	0.17%	0.25%	0.38%	0.52%	0.62%	0.72%
Indiana	0.08%	0.10%	0.15%	0.23%	0.13%	0.21%	0.30%	0.44%	0.54%	0.64%
South-	0.06%	0.08%	0.19%	0.23%	0.18%	0.26%	0.38%	0.50%	0.62%	0.73%
Florida	0.08%	0.10%	0.15%	0.20%	0.16%	0.25%	0.36%	0.48%	0.60%	0.69%
Georgia	0.08%	0.11%	0.17%	0.23%	0.19%	0.29%	0.42%	0.55%	0.66%	0.76%
South Carolina	0.06%	0.09%	0.18%	0.24%	0.16%	0.24%	0.35%	0.46%	0.57%	0.69%
Alabama	0.00%	0.00%	0.25%	0.25%	0.19%	0.26%	0.38%	0.52%	0.64%	0.76%
North Carolina	0.07%	0.10%	0.16%	0.20%	0.16%	0.25%	0.36%	0.46%	0.58%	0.65%
,										
lortheast-	0.06%	0.08%	0.13%	0.20%	0.16%	0.23%	0.34%	0.48%	0.58%	0.689
New York	0.04%	0.06%	0.11%	0.19%	0.14%	0.21%	0.32%	0.47%	0.57%	0.679
Massachusetts	0.06%	0.08%	0.13%	0.21%	0.16%	0.23%	0.34%	0.49%	0.59%	0.69%
Pennsylvania 	0.07%	0.08%	0.13%	0.19%	0.16%	0.23%	0.35%	0.48%	0.57%	0.68%
New Jersey	0.08%	0.10%	0.12%	0.19%	0.15%	0.21%	0.32%	0.44%	0.55%	0.65%
Maryland	0.06%	0.08%	0.14%	0.20%	0.17%	0.26%	0.38%	0.51%	0.61%	0.73%



# MERIDIAN ECONOMICS

**Trusted Insight, Effective Solutions** 



**Business & Industry Consulting** 

Market Analysis

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inancial Investments

Risk Management

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### 31 March 2022

#### RATE SENSITIVITY AND PRICING SPREAD ANALYSIS

				A A A DIVE	T DATE	DDIGING	CDDEAD	DATE CE	NSITIVITY
				MARKE		PRICING			NSIIIVIIY
	Peak	Dec	Current	YTD	Cyclical	YTD	Cyclical	Chg in	Rate
	2019	2021	Avg Rate	Change	Change	Change	Change	Benchmk	Sensitivity
Loan Rates-									
48Mo Vehicle Loan	3.66%	2.68%	2.67%	-0.01%	-0.99%	-1.56%	-0.40%	-0.59%	168%
60Mo Vehicle Loan	3.78%	2.78%	2.77%	-0.01%	-1.01%	-1.49%	-0.53%	-0.48%	210%
15Yr FR Mortgage	4.58%	2.74%	3.95%	1.21%	-0.63%	0.25%	0.04%	-0.67%	94%
30Yr FR Mortgage	5.06%	3.27%	4.63%	1.36%	-0.43%	0.56%	0.40%	-0.83%	52%
Share Rates-									
Share Draft	0.14%	0.09%	0.09%	0.00%	-0.05%	-0.25%	2.05%	-2.10%	2%
Regular Savings	0.19%	0.09%	0.09%	0.00%	-0.10%	-0.25%	2.00%	-2.10%	5%
Money Mkt Shares	0.65%	0.22%	0.22%	0.00%	-0.43%	-0.25%	1.67%	-2.10%	20%
6Mo Certificate	1.05%	0.24%	0.25%	0.01%	-0.80%	-0.86%	0.68%	-1.48%	54%
1Yr Certificate	1.53%	0.35%	0.37%	0.02%	-1.16%	-1.22%	-0.07%	-1.09%	106%
2Yr Certificate	1.86%	0.46%	0.50%	0.04%	-1.36%	-1.51%	-0.77%	-0.59%	231%
3Yr Certificate	2.25%	0.57%	0.61%	0.04%	-1.64%	-1.44%	-1.16%	-0.48%	342%

Yie	ld Curve
	Current
	Benchmark
Prime	3.50%
FFds	0.33%
1m	0.17%
3m	0.52%
6m	1.06%
12m	1.63%
2yr	2.28%
3yr	2.45%
4yr	2.44%
5yr	2.42%
7yr	2.40%
10yr	2.32%
30yr	2.44%

### 12 MONTH NATIONAL MARKET RATE HISTORY & PRICING SPREADS

	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22
Fed Funds	0.06%	0.05%	0.05%	0.08%	0.10%	0.10%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.33%
1yr UST	0.07%	0.05%	0.05%	0.07%	0.07%	0.07%	0.09%	0.15%	0.24%	0.39%	0.78%	1.01%	1.63%
2yr UST	0.16%	0.16%	0.14%	0.25%	0.19%	0.20%	0.28%	0.48%	0.52%	0.73%	1.19%	1.44%	2.28%
3yr UST	0.35%	0.35%	0.30%	0.46%	0.35%	0.40%	0.53%	0.75%	0.81%	0.97%	1.39%	1.62%	2.45%
7yr UST	1.40%	1.32%	1.24%	1.21%	1.00%	1.08%	1.32%	1.44%	1.36%	1.44%	1.75%	1.81%	2.40%
10yr UST	1.74%	1.65%	1.58%	1.45%	1.24%	1.30%	1.52%	1.55%	1.43%	1.52%	1.79%	1.83%	2.32%
5yr Vehicle	2.93%	2.87%	2.87%	2.84%	2.83%	2.83%	2.81%	2.80%	2.79%	2.78%	2.77%	2.77%	2.77%
15yr FLM	2.88%	2.77%	2.75%	2.75%	2.70%	2.69%	2.67%	2.72%	2.74%	2.74%	2.91%	3.10%	3.95%
30yr FLM	3.36%	3.25%	3.23%	3.24%	3.17%	3.16%	3.18%	3.25%	3.25%	3.27%	3.47%	3.68%	4.63%
Reg Savings	0.19%	0.19%	0.19%	0.18%	0.18%	0.19%	0.19%	0.14%	0.09%	0.09%	0.09%	0.09%	0.09%
MoneyMkt	0.25%	0.23%	0.23%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%
1yr CD	0.39%	0.37%	0.37%	0.36%	0.35%	0.35%	0.35%	0.35%	0.35%	0.46%	0.35%	0.36%	0.37%
2yr CD	0.51%	0.49%	0.49%	0.47%	0.47%	0.47%	0.46%	0.46%	0.46%	0.57%	0.47%	0.48%	0.50%
Pricing Spread	ds-												
Veh Loan	2.58%	2.52%	2.57%	2.38%	2.48%	2.43%	2.28%	2.05%	1.98%	1.81%	1.38%	1.15%	0.32%
15yr FLM	1.48%	1.45%	1.51%	1.54%	1.70%	1.61%	1.35%	1.28%	1.38%	1.30%	1.16%	1.29%	1.55%
30yr FLM	1.62%	1.60%	1.65%	1.79%	1.93%	1.86%	1.66%	1.70%	1.82%	1.75%	1.68%	1.85%	2.31%
Reg Svgs	0.13%	0.14%	0.14%	0.10%	0.08%	0.09%	0.11%	0.06%	0.01%	0.01%	0.01%	0.01%	-0.24%
MMkt	0.19%	0.18%	0.18%	0.14%	0.12%	0.12%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	-0.119
1yrCD	0.32%	0.32%	0.32%	0.29%	0.28%	0.28%	0.26%	0.20%	0.11%	0.07%	-0.43%	-0.65%	-1.269
2yrCD	0.35%	0.33%	0.35%	0.22%	0.28%	0.27%	0.18%	-0.02%	-0.06%	-0.16%	-0.72%	-0.96%	-1.789





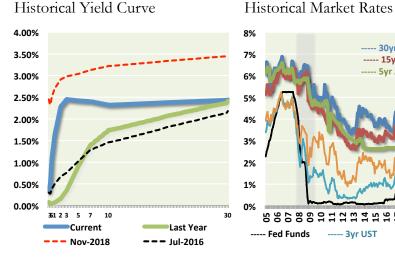
Market Analysis

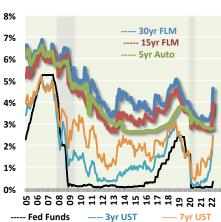
Strategic Solutions

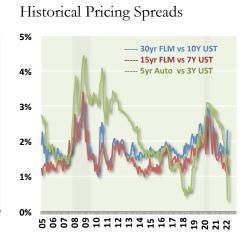
Financial Investments

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### HISTORICAL NATIONAL MARKET RATES AND RELATIVE PRICING SPREADS







	Dec-10	Dec-11	Dec-12	Dec-13	Dec-14	Dec-15	Dec-16	Dec-17	Dec-18	Dec-19	Dec-20	Dec-21	Mar-22
Benchmark ar	nd Market	Rates-											
FedFunds	0.13%	0.04%	0.09%	0.07%	0.06%	0.20%	0.55%	1.33%	2.40%	1.55%	0.09%	0.08%	0.33%
1yr UST	0.29%	0.12%	0.16%	0.13%	0.25%	0.65%	0.85%	1.76%	2.63%	1.59%	0.10%	0.39%	1.63%
2yr UST	0.61%	0.25%	0.25%	0.38%	0.67%	1.06%	1.20%	1.89%	2.48%	1.58%	0.13%	0.73%	2.28%
3yr UST	1.02%	0.36%	0.36%	0.78%	1.10%	1.31%	1.47%	1.98%	2.46%	1.62%	0.17%	0.97%	2.45%
7yr UST	2.71%	1.35%	1.18%	2.45%	1.97%	2.09%	2.25%	2.33%	2.59%	1.83%	0.65%	1.44%	2.40%
10yr UST	3.30%	1.89%	1.78%	3.04%	2.17%	2.27%	2.45%	2.40%	2.69%	1.92%	0.93%	1.52%	2.32%
3yr Agy Call	1.46%	0.79%	0.69%	1.13%	1.53%	1.81%	2.00%	2.35%	2.67%	1.80%	0.21%	1.11%	3.00%
3yr Agy MBS	2.17%	1.60%	1.26%	1.54%	1.83%	2.21%	2.34%	2.55%	3.00%	1.85%	0.68%	1.25%	3.259
Fur Vahiala	3.49%	3.54%	3.06%	2.68%	2.68%	2.66%	2.68%	2.94%	3.64%	3.59%	3.08%	2.78%	2.779
5yr Vehicle 15yr FLM	4.20%	3.24%	2.65%	3.52%	3.31%	3.52%	3.68%	3.68%	4.48%	3.59%	2.84%	2.74%	3.95%
30yr FLM	4.20%	3.24%	3.35%	4.48%	4.07%	3.52% 4.17%	4.33%	4.17%	4.48%	4.01%	3.17%	3.27%	4.63%
SUYI FLIVI	4.81%	3.95%	3.33%	4.48%	4.07%	4.17%	4.33%	4.17%	4.93%	4.01%	3.1/%	3.27%	4.037
Reg Svgs	0.40%	0.30%	0.20%	0.20%	0.14%	0.14%	0.14%	0.15%	0.18%	0.19%	0.15%	0.09%	0.09%
1yr CD	1.30%	1.00%	0.80%	0.80%	0.45%	0.50%	0.55%	0.75%	1.41%	1.40%	0.44%	0.46%	0.379
2yr CD	1.53%	1.23%	1.03%	1.03%	0.68%	0.75%	0.81%	1.02%	1.75%	1.64%	0.57%	0.57%	0.50%
Pricing Spread	ls-												
3yr Agy Call	0.44%	0.43%	0.33%	0.35%	0.43%	0.50%	0.53%	0.37%	0.21%	0.18%	0.04%	0.14%	0.55%
3yr Agy MBS	1.15%	1.24%	0.90%	0.76%	0.73%	0.90%	0.87%	0.57%	0.54%	0.23%	0.51%	0.28%	0.80%
5yr Vehicle	2.47%	3.18%	2.70%	1.90%	1.58%	1.35%	1.21%	0.96%	1.18%	1.97%	2.91%	1.81%	0.329
15yr FLM	1.49%	1.89%	1.47%	1.07%	1.34%	1.43%	1.43%	1.35%	1.89%	1.74%	2.19%	1.30%	1.559
30yr FLM	1.51%	2.06%	1.57%	1.44%	1.90%	1.90%	1.88%	1.77%	2.24%	2.09%	2.24%	1.75%	2.31%
Reg Svgs	0.27%	0.26%	0.11%	0.13%	0.08%	-0.06%	-0.41%	-1.18%	-2.22%	-1.36%	0.06%	0.01%	-0.249
1yr CD	1.01%	0.88%	0.64%	0.67%	0.20%	-0.15%	-0.30%	-1.01%	-1.22%	-0.19%	0.34%	0.07%	-1.269
2yr CD	0.92%	0.98%	0.78%	0.65%	0.01%	-0.31%	-0.39%	-0.87%	-0.73%	0.06%	0.44%	-0.16%	-1.78





Market Analysis

Strategic Solutions

inancial Investments

Risk Management

Regulatory Expert

#### 31 March 2022

#### **CYCLICAL NATIONAL LOAN & SHARE RATE SENSITIVITY**

	EARNING ASSETS							FUNDING OBLIGATIONS					
		Credit	5Yr	HEquity	15Yr	30Yr		Share	Regular	Money	1Yr	2Yr	
CYCLE		Cards	Vehicle	LOC	FLM	FLM		Drafts	Savings	Market	CD	CD	
2004-07	Rising	7%	16%	81%	56%	58%		2%	5%	42%	73%	73%	
2007-16	Falling	1%	71%	83%	67%	65%		10%	21%	54%	88%	86%	
2016-18	Rising	26%	52%	78%	82%	84%		1%	2%	17%	45%	49%	
2018-20	Falling	35%	36%	70%	70%	72%		2%	4%	22%	41%	47%	
2020-Pres	Rising	4%	0%	-84%	63%	82%		0%	0%	0%	-5%	-4%	

## RATE SENSITIVITY OF EARNINGS ASSETS OVER PAST RATE CYCLES - Rising Falling



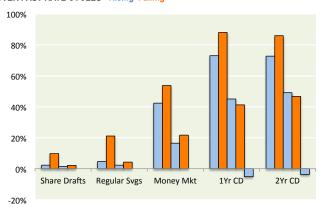
#### Strategic Value is GREATER:

- ... when sensitivity is highest during rising rates
- ... when sensitivity is lowest during falling rates

#### Strategic Value is LEAST:

- ... when sensitivity is lowest during rising rates
- ... when sensitivity is highest during falling rates

## RATE SENSITIVITY OF FUNDING OVER PAST RATE CYCLES - Rising Falling



#### Strategic Value is GREATER:

- ... when sensitivity is lowest during rising rates
- ... when sensitivity is highest during falling rates

#### Strategic Value is LEAST:

- ... when sensitivity is highest during rising rates
- ... when sensitivity is lowest during falling rates

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