



Market Analysis

Strategic Solutions

Financial Investments

Risk Management

egulatory Expert

#### 31 May 2022

										21 10	lay 202
	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	11.08%	8.74%	2.85%	2.96%	3.26%	3.04%	3.15%	4.03%	4.89%	4.54%	5.39%
And County	40.05%	0.070/	2.020/	2.05%	2.240/	2 200/	2 240/	4.450/	4.020/	4 5 40/	F 200/
Mid-South-	10.95%	8.97%	2.93%	3.05%	3.34%	3.20%	3.34%	4.15%	4.83%	4.54%	5.39%
Texas	11.16%	8.68%	2.82%	2.94%	3.23%	3.02%	3.11%	4.09%	4.70%	4.54%	5.39%
Oklahoma	10.30%	9.54%	2.99%	3.03%	3.24%	3.12%	3.17%	4.10%	4.10%	4.54%	5.39%
Louisiana	10.41%	8.97%	2.89%	3.09%	3.39%	3.15%	3.33%	4.41%	5.35%	4.54%	5.39%
Arkansas	10.45%	8.54%	3.17%	3.28%	3.50%	3.75%	3.95%	3.96%	4.65%	4.54%	5.39%
Vissouri	12.44%	9.14%	2.77%	2.91%	3.34%	2.98%	3.16%	4.18%	5.34%	4.54%	5.39%
Nountain West-	11.18%	9.11%	2.92%	2.98%	3.20%	3.00%	3.07%	4.21%	5.11%	4.54%	5.39%
Arizona	12.03%	9.72%	2.98%	3.07%	3.27%	3.12%	3.21%	4.43%	5.28%	4.54%	5.39%
New Mexico	12.06%	9.29%	2.74%	2.82%	3.05%	2.94%	3.04%	4.34%	5.21%	4.54%	5.39%
Utah	8.96%	8.44%	2.84%	2.90%	3.16%	2.85%	2.91%	4.01%	4.77%	4.54%	5.39%
Colorado	11.88%	8.85%	3.07%	3.11%	3.30%	3.12%	3.17%	4.09%	5.15%	4.54%	5.39%
Idaho	10.98%	9.24%	2.97%	3.02%	3.21%	2.96%	3.01%	4.16%	5.14%	4.54%	5.39%
Mast	11.22%	8.38%	2 759/	2.87%	3.13%	2.93%	3.07%	4.25%	5.23%	A E A 9/	5.39%
West-			2.75%							4.54%	
California -	11.58%	8.75%	2.76%	2.87%	3.13%	2.92%	3.04%	4.34%	5.09%	4.54%	5.39%
Oregon	10.97%	9.50%	2.80%	2.89%	3.03%	2.90%	2.98%	4.25%	4.70%	4.54%	5.39%
Washington	10.61%	8.68%	2.74%	2.84%	2.99%	2.84%	2.94%	4.33%	5.24%	4.54%	5.39%
Hawaii	11.84%	5.91%	2.69%	2.90%	3.45%	3.07%	3.33%	3.89%	5.53%	4.54%	5.39%
Nevada	11.11%	9.08%	2.74%	2.86%	3.03%	2.93%	3.06%	4.42%	5.60%	4.54%	5.39%
Midwest-	11.34%	7.05%	2.80%	2.90%	3.19%	2.95%	3.05%	3.94%	4.80%	4.54%	5.39%
llinois	12.00%	9.05%	2.60%	2.72%	3.09%	2.83%	2.96%	4.03%	4.97%	4.54%	5.39%
Ohio	11.07%	8.88%	3.03%	3.10%	3.34%	3.22%	3.29%	3.89%	4.86%	4.54%	5.39%
Michigan	11.38%	8.48%	2.79%	2.90%	3.22%	2.86%	2.98%	3.97%	4.72%	4.54%	5.39%
Wisconsin	10.12%	8.83%	2.67%	2.77%	3.01%	2.77%	2.87%	3.92%	4.47%	4.54%	5.39%
Indiana	12.15%	0.00%	2.93%	3.01%	3.30%	3.09%	3.17%	3.91%	4.97%	4.54%	5.39%
South-	11.25%	8.12%	2.82%	2.94%	3.23%	3.07%	3.18%	4.20%	5.22%	4.54%	5.39%
Florida	11.80%	8.69%	2.95%	3.06%	3.29%	3.17%	3.28%	4.12%	5.07%	4.54%	5.39%
Georgia	11.80%	8.54%	2.95%	2.75%	3.29%	2.93%	2.98%	4.12%	5.19%	4.54%	5.39%
South Carolina	11.22%	9.51%	2.70%	3.02%	3.23%	3.29%	3.36%	4.16%	5.37%	4.54%	5.39%
Alabama	11.22%	4.38%	2.57%	2.80%	3.26%	2.72%	2.95%	4.11%	5.29%	4.54%	5.39%
North Carolina	10.15%	9.50%	2.95%	3.07%	3.32%	3.22%	3.33%	4.20%	5.17%	4.54%	5.39%
	10.13/0	5.50/0	55/0	3.0770	3.32/0	J.22/0	3.3370	20/0	J.17/0		3.337
lortheast-	11.39%	8.82%	2.78%	2.91%	3.31%	3.00%	3.13%	3.78%	4.54%	4.54%	5.39%
New York	11.21%	9.47%	2.76%	2.87%	3.30%	2.88%	3.00%	3.64%	4.42%	4.52%	5.37%
Massachusetts	11.23%	9.49%	2.78%	2.89%	3.32%	2.90%	3.02%	3.66%	4.44%	4.54%	5.39%
Pennsylvania	11.41%	7.96%	2.88%	3.00%	3.34%	3.12%	3.25%	3.70%	4.09%	4.54%	5.39%
New Jersey	12.26%	8.56%	2.80%	2.96%	3.39%	3.15%	3.30%	4.04%	4.59%	4.54%	5.39%
Maryland	10.83%	8.60%	2.70%	2.84%	3.20%	2.95%	3.08%	3.88%	5.14%	4.54%	5.39%





Market Analysis

Strategic Solutions

Financial Investments

Risk Management

Regulatory Expert

### 31 May 2022

										,
	Share Draft	Regular Savings	\$10K MMkt	\$50K MMkt	3MO CD	6MO CD	1YR CD	2YR CD	3YR CD	4YR CD
	Dian	Javings	IVIIVIKE	IVIIVIKE	CD			CD	CD	
Inited States-										
National Average	0.09%	0.10%	0.17%	0.24%	0.20%	0.31%	0.46%	0.62%	0.78%	0.87%
Лid-South-	0.18%	0.13%	0.22%	0.30%	0.26%	0.38%	0.53%	0.69%	0.85%	1.00%
Гехаѕ	0.11%	0.14%	0.20%	0.26%	0.27%	0.41%	0.58%	0.76%	0.94%	1.08%
Oklahoma	0.09%	0.14%	0.24%	0.35%	0.38%	0.47%	0.59%	0.74%	0.88%	1.02%
ouisiana	0.32%	0.16%	0.24%	0.31%	0.29%	0.41%	0.58%	0.77%	0.93%	1.13%
Arkansas	0.17%	0.09%	0.26%	0.34%	0.17%	0.34%	0.50%	0.65%	0.79%	0.93%
Missouri	0.20%	0.10%	0.16%	0.24%	0.19%	0.26%	0.40%	0.54%	0.72%	0.82%
lountain West-	0.08%	0.09%	0.15%	0.20%	0.21%	0.33%	0.47%	0.62%	0.79%	0.88%
Arizona	0.05%	0.09%	0.16%	0.21%	0.23%	0.33%	0.45%	0.58%	0.75%	0.83%
New Mexico	0.07%	0.12%	0.16%	0.24%	0.23%	0.39%	0.59%	0.77%	0.99%	1.04%
Jtah	0.07%	0.09%	0.13%	0.17%	0.26%	0.35%	0.51%	0.64%	0.84%	0.92%
Colorado	0.09%	0.09%	0.17%	0.23%	0.21%	0.32%	0.45%	0.60%	0.75%	0.85%
daho	0.10%	0.08%	0.13%	0.17%	0.14%	0.28%	0.37%	0.52%	0.64%	0.74%
Vest-	0.05%	0.08%	0.14%	0.19%	0.18%	0.26%	0.40%	0.53%	0.67%	0.73%
	0.06%	0.08%								
California			0.15%	0.21%	0.19%	0.29%	0.44%	0.59%	0.72%	0.84%
Oregon Nochington	0.04%	0.04%	0.10%	0.14%	0.11%	0.18%	0.26%	0.36%	0.46%	0.55%
Vashington	0.07%	0.08%	0.13%	0.17%	0.16%	0.24%	0.34%	0.48%	0.58%	0.64%
ławaii	0.04%	0.08%	0.17%	0.23%	0.21%	0.31%	0.50%	0.65%	0.79%	0.83%
levada	0.05%	0.11%	0.14%	0.18%	0.24%	0.30%	0.44%	0.57%	0.79%	0.81%
1idwest-	0.13%	0.10%	0.17%	0.25%	0.19%	0.30%	0.44%	0.60%	0.74%	0.86%
llinois	0.17%	0.13%	0.16%	0.25%	0.18%	0.27%	0.39%	0.54%	0.68%	0.77%
Dhio	0.11%	0.07%	0.15%	0.23%	0.23%	0.32%	0.45%	0.58%	0.72%	0.82%
⁄lichigan	0.11%	0.08%	0.14%	0.21%	0.16%	0.30%	0.44%	0.60%	0.75%	0.89%
Visconsin	0.17%	0.11%	0.20%	0.31%	0.21%	0.31%	0.52%	0.68%	0.82%	0.95%
ndiana	0.07%	0.10%	0.18%	0.27%	0.17%	0.28%	0.40%	0.58%	0.73%	0.85%
outh-	0.08%	0.12%	0.20%	0.26%	0.19%	0.29%	0.43%	0.58%	0.73%	0.84%
lorida	0.08%	0.11%	0.16%	0.22%	0.18%	0.29%	0.44%	0.59%	0.75%	0.83%
Seorgia	0.08%	0.11%	0.18%	0.24%	0.21%	0.30%	0.46%	0.59%	0.75%	0.86%
South Carolina	0.06%	0.09%	0.19%	0.26%	0.16%	0.26%	0.39%	0.53%	0.66%	0.81%
Alabama	0.09%	0.18%	0.25%	0.31%	0.22%	0.31%	0.44%	0.59%	0.75%	0.87%
North Carolina	0.07%	0.10%	0.19%	0.23%	0.18%	0.29%	0.44%	0.58%	0.76%	0.85%
la sida a sid	0.0557	0.000/	0.440/	0.220/	0.400/	0.270/	0.440/	0.600/	0.750/	0.000
lortheast-	0.06%	0.08%	0.14%	0.22%	0.19%	0.27%	0.41%	0.60%	0.75%	0.82%
lew York	0.04%	0.06%	0.12%	0.20%	0.15%	0.22%	0.34%	0.57%	0.65%	0.72%
Massachusetts	0.06%	0.08%	0.14%	0.22%	0.17%	0.24%	0.36%	0.59%	0.67%	0.74%
Pennsylvania	0.07%	0.08%	0.15%	0.22%	0.21%	0.28%	0.44%	0.61%	0.74%	0.86%
New Jersey	0.08%	0.10%	0.15%	0.23%	0.18%	0.24%	0.39%	0.56%	0.72%	0.82%
Maryland	0.06%	0.09%	0.16%	0.22%	0.23%	0.36%	0.51%	0.69%	0.96%	0.95%



# MERIDIAN ECONOMICS

**Trusted Insight, Effective Solutions** 



**Business & Industry Consulting** 

Market Analysis

Strategic Solutions

inancial Investments

Risk Management

Regulatory Expert

31 May 2022

#### RATE SENSITIVITY AND PRICING SPREAD ANALYSIS

				MARKE	T RATE	PRICING	SPREAD	RATE SE	NSITIVITY
	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%	2.85%	0.17%	-0.81%	-1.63%	-0.47%	-0.34%	238%
60Mo Vehicle Loan	3.78%	2.78%	2.96%	0.18%	-0.82%	-1.56%	-0.60%	-0.22%	373%
15Yr FR Mortgage	4.58%	2.74%	4.54%	1.80%	-0.04%	0.37%	0.16%	-0.20%	20%
30Yr FR Mortgage	5.06%	3.27%	5.39%	2.12%	0.33%	0.79%	0.63%	-0.30%	-110%
Chara Batas									
Share Rates-	0.4.40/	0.000/	0.000/	0.000/	0.050/	0.750/	4 550/	4.600/	20/
Share Draft	0.14%	0.09%	0.09%	0.00%	-0.05%	-0.75%	1.55%	-1.60%	3%
Regular Savings	0.19%	0.09%	0.10%	0.01%	-0.09%	-0.74%	1.51%	-1.60%	6%
Money Mkt Shares	0.65%	0.22%	0.24%	0.02%	-0.41%	-0.73%	1.19%	-1.60%	26%
CNAs Contificate	1 050/	0.340/	0.210/	0.070/	0.740/	1 200/	0.100/	0.000/	020/
6Mo Certificate	1.05%	0.24%	0.31%	0.07%	-0.74%	-1.38%	0.16%	-0.90%	82%
1Yr Certificate	1.53%	0.35%	0.46%	0.11%	-1.07%	-1.58%	-0.43%	-0.64%	167%
2Yr Certificate	1.86%	0.46%	0.62%	0.16%	-1.24%	-1.64%	-0.90%	-0.34%	365%
3Yr Certificate	2.25%	0.57%	0.78%	0.21%	-1.47%	-1.53%	-1.25%	-0.22%	668%

Yie	ld Curve
	Current
	Benchmark
Prime	4.00%
FFds	0.83%
1m	0.73%
3m	1.16%
6m	1.64%
12m	2.08%
2yr	2.53%
3yr	2.71%
4yr	2.76%
5yr	2.80%
7yr	2.87%
10yr	2.85%
30yr	3.07%

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

	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
Fed Funds	0.05%	0.08%	0.10%	0.10%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.33%	0.83%	0.83%
1yr UST	0.05%	0.07%	0.07%	0.07%	0.09%	0.15%	0.24%	0.39%	0.78%	1.01%	1.63%	2.10%	2.08%
2yr UST	0.14%	0.25%	0.19%	0.20%	0.28%	0.48%	0.52%	0.73%	1.19%	1.44%	2.28%	2.70%	2.53%
3yr UST	0.30%	0.46%	0.35%	0.40%	0.53%	0.75%	0.81%	0.97%	1.39%	1.62%	2.45%	2.87%	2.71%
7yr UST	1.24%	1.21%	1.00%	1.08%	1.32%	1.44%	1.36%	1.44%	1.75%	1.81%	2.40%	2.94%	2.87%
10yr UST	1.58%	1.45%	1.24%	1.30%	1.52%	1.55%	1.43%	1.52%	1.79%	1.83%	2.32%	2.89%	2.85%
5yr Vehicle	2.87%	2.84%	2.83%	2.83%	2.81%	2.80%	2.79%	2.78%	2.77%	2.77%	2.77%	2.89%	2.96%
15yr FLM	2.75%	2.75%	2.70%	2.69%	2.67%	2.72%	2.74%	2.74%	2.91%	3.10%	3.95%	4.54%	4.54%
30yr FLM	3.23%	3.24%	3.17%	3.16%	3.18%	3.25%	3.25%	3.27%	3.47%	3.68%	4.63%	5.17%	5.39%
Reg Savings	0.19%	0.18%	0.18%	0.19%	0.19%	0.14%	0.09%	0.09%	0.09%	0.09%	0.09%	0.10%	0.10%
MoneyMkt	0.23%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.22%	0.23%	0.30%
1yr CD	0.37%	0.36%	0.35%	0.35%	0.35%	0.35%	0.35%	0.46%	0.35%	0.36%	0.37%	0.42%	0.62%
2yr CD	0.49%	0.47%	0.47%	0.47%	0.46%	0.46%	0.46%	0.57%	0.47%	0.48%	0.50%	0.57%	0.78%
Pricing Sprea	ds-												
Veh Loan	2.57%	2.38%	2.48%	2.43%	2.28%	2.05%	1.98%	1.81%	1.38%	1.15%	0.32%	0.02%	0.25%
15yr FLM	1.51%	1.54%	1.70%	1.61%	1.35%	1.28%	1.38%	1.30%	1.16%	1.29%	1.55%	1.60%	1.67%
30yr FLM	1.65%	1.79%	1.93%	1.86%	1.66%	1.70%	1.82%	1.75%	1.68%	1.85%	2.31%	2.28%	2.54%
Reg Svgs	0.14%	0.10%	0.08%	0.09%	0.11%	0.06%	0.01%	0.01%	0.01%	0.01%	-0.24%	-0.73%	-0.73%
MMkt	0.18%	0.14%	0.12%	0.12%	0.14%	0.14%	0.14%	0.14%	0.14%	0.14%	-0.11%	-0.60%	-0.53%
1yrCD	0.32%	0.29%	0.28%	0.28%	0.26%	0.20%	0.11%	0.07%	-0.43%	-0.65%	-1.26%	-1.68%	-1.46%
2yrCD	0.35%	0.22%	0.28%	0.27%	0.18%	-0.02%	-0.06%	-0.16%	-0.72%	-0.96%	-1.78%	-2.13%	-1.75%





Market Analysis

Strategic Solutions

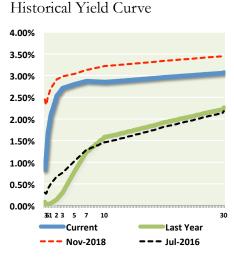
Financial Investments

Risk Management

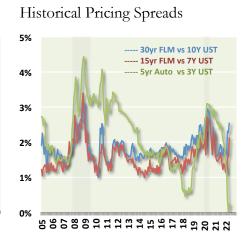
egulatory Expert

31 May 2022

#### 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	May-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%	0.83%
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%	2.08%
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%	2.53%
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%	2.71%
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%	2.87%
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%	2.85%
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%	3.10%
, 0,													
5yr Vehicle	3.49%	3.54%	3.06%	2.68%	2.68%	2.66%	2.68%	2.94%	3.64%	3.59%	3.08%	2.78%	2.96%
15yr FLM	4.20%	3.24%	2.65%	3.52%	3.31%	3.52%	3.68%	3.68%	4.48%	3.57%	2.84%	2.74%	4.54%
30yr FLM	4.81%	3.95%	3.35%	4.48%	4.07%	4.17%	4.33%	4.17%	4.93%	4.01%	3.17%	3.27%	5.39%
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%	0.10%
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%	0.62%
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%	0.78%
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%	0.29%
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%	0.39%
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%	0.25%
15yr FLM	1.49%	1.89%	1.47%	1.90%	1.34%	1.43%	1.43%	1.35%	1.18%	1.74%	2.91%	1.30%	1.67%
30yr FLM	1.51%	2.06%	1.57%	1.07%	1.90%	1.45%	1.45%	1.77%	2.24%	2.09%	2.19%	1.75%	2.54%
JUYI FLIVI	1.51%	2.00%	1.3770	1.44/0	1.50%	1.50%	1.00/0	1.///0	2.2470	2.05%	2.2470	1./3/0	2.54%
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%	-0.739
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%	-1.469
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%	-1.75%





Market Analysis

Strategic Solutions

Financial Investment

Risk Management

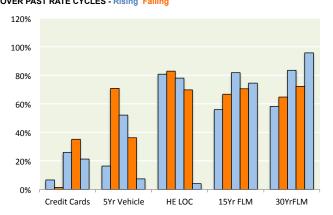
Regulatory Expert

31 May 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	21%	7%	4%	75%	96%		0%	1%	1%	1%	2%		

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



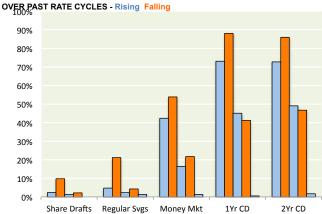


- ... when sensitivity is highest during rising rates
- ... when sensitivity is lowest during falling rates

#### Strategic Value is LEAST:

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

### RATE SENSITIVITY OF FUNDING



#### 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

BRIAN TURNER President, Chief Economist 972.740.9531 <u>bturner@Meridian-ally.com</u> <u>www.Meridian-ally.com</u>