Market Analysis

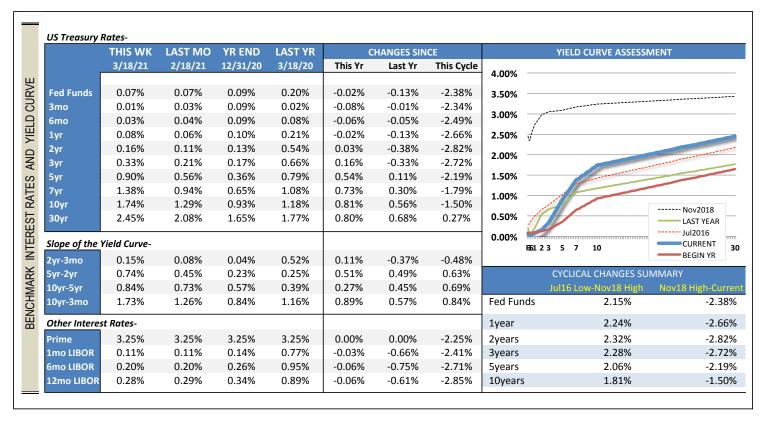
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#### 19 March 2021



# FED POLICY-MAKERS ANNOUNCE NO CHANGE IN POLICY BUT REVISE ECONOMIC AND RATE FORECASTS

The Federal Reserve maintained target interest rates at near-zero and reiterated its commitment to aggressive asset purchases. But a brighter economic forecast had more Fed officials penciling in rate hikes as early as 2022.

With two COVID-19 relief bills and over 100 million Americans having received at least one vaccine dose, the nation's central bank says the economic recovery is progressing faster than it had expected three months ago.

"Following a moderation in the pace of the recovery, indicators of economic activity and employment have turned up recently, although the sectors most adversely affected by the pandemic remain weak," the Federal Open Market Committee statement read, using new language compared to its January meeting.

Three months ago, five Fed officials saw at least one rate hike over that time horizon. But in this week's release, seven (of 18) officials now see at least one rate hike.

Key Economic Indicator	s for Banks, T	hrifts & Cred	lit Unions-	
		LATEST	CURRENT	PREV
GDP	QoQ	Q4-1st	4.1%	33.4%
GDP - YTD	Annl	Q4-1st	0.3%	-1.0%
Consumer Spending	QoQ	Q4-1st	2.5%	41.0%
Consumer Spending	Annl	Q4-1st	0.8%	0.3%
Unemployment	Мо	Feb	6.2%	6.3%
Consumer Inflation	YoY	Feb	1.7%	1.4%
Core Inflation	YoY	Feb	1.3%	1.4%
Consumer Credit	Annual	Jan	-0.4%	2.5%
Retail Sales	YoY	Feb	5.1%	5.8%
Vehicle Sales	Annl (Mil)	Feb	16.2	17.1
Home Sales	Annl (Mil)	Jan	7.532	7.689
Home Prices	YoY	Dec	10.4%	9.5%

	THIS WK	YR END	PCT CHANGES		
	3/18/21	12/31/20	YTD	12Mos	
DJIA	32,862	30,606	7.4%	70.0%	
S&P 500	3,915	3,756	4.2%	70.0%	
NASDAQ	13,116	12,888	1.8%	92.1%	
Crude Oil	61.42	48.52	26.6%	209.0%	
Avg Gasoline	2.85	2.24	27.2%	27.0%	
Gold	1,732	1,895	-8.6%	16.3%	



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#### AVERAGE CREDIT UNION RATES AND RATE SENSITIVITY

	THIS WK	YTD C	hange	Chg in Curr	ent Cycle*	Rate S	ensitivity
	3/18/21	Rate	Benchmark	Rate	Benchmark	YTD	Cycle
Classic CC	10.84%	0.01%	0.00%	-0.85%	-2.25%	0%	38%
Platinum CC	9.09%	-0.01%	0.00%	-1.18%	-2.25%	0%	52%
48mo Veh	2.86%	-0.12%	0.03%	-0.80%	-2.82%	-400%	28%
60mo Veh	2.97%	-0.11%	0.16%	-0.80%	-2.72%	-69%	29%
72mo Veh	3.29%	-0.12%	0.35%	-0.83%	-2.46%	-34%	34%
HE LOC	3.81%	-0.02%	0.00%	-1.75%	-2.25%	0%	78%
10yr HE	4.74%	0.36%	0.54%	-0.78%	-2.48%	67%	32%
15yr FRM	2.86%	0.02%	0.68%	-1.72%	-1.89%	3%	91%
30yr FRM	3.30%	0.12%	0.81%	-1.76%	-1.50%	15%	117%
Sh Drafts	0.09%	0.00%	-0.02%	-0.05%	-2.38%	0%	2%
Reg Svgs	0.13%	-0.01%	-0.02%	-0.06%	-2.38%	50%	3%
MMkt-10k	0.18%	-0.01%	-0.02%	-0.30%	-2.38%	50%	13%
MMkt-50k	0.25%	-0.02%	-0.02%	-0.40%	-2.38%	100%	17%
6mo CD	0.28%	-0.02%	-0.06%	-0.75%	-2.49%	33%	30%
1yr CD	0.40%	-0.04%	-0.02%	-1.11%	-2.66%	200%	42%
2yr CD	0.53%	-0.04%	0.03%	-1.32%	-2.82%	-133%	47%
3yr CD	0.63%	-0.04%	0.16%	-1.43%	-2.72%	-25%	53%

Bmk Begin	Mkt Begin	Last Top	Last Bottom
12/31/20	12/31/20	Nov-18	Jul-16
3.25%	10.83%	11.69%	11.39%
3.25%	9.10%	10.27%	9.09%
0.13%	2.98%	3.66%	2.58%
0.17%	3.08%	3.77%	2.68%
0.27%	3.41%	4.12%	3.05%
3.25%	3.83%	5.56%	4.01%
0.36%	4.38%	5.52%	4.45%
0.65%	2.84%	4.58%	3.14%
0.93%	3.18%	5.06%	3.69%
0.09%	0.09%	0.14%	0.11%
0.09%	0.14%	0.19%	0.14%
0.09%	0.19%	0.48%	0.22%
0.09%	0.27%	0.65%	0.31%
0.09%	0.30%	1.03%	0.34%
0.10%	0.44%	1.51%	0.53%
0.13%	0.57%	1.85%	0.78%
0.17%	0.67%	2.06%	1.04%

### STRATEGICALLY FOR CREDIT UNIONS

Retail sales—a measure of purchases at stores, at restaurants and online—fell by 3% in February compared with the prior month, the Commerce Department said Tuesday. The decline followed robust January sales that were propelled by stimulus payments to households from the December pandemic-relief package. January sales advanced a revised 7.6%, up from the earlier estimate of a 5.3% increase.

Severe winter weather wreaked havoc across a large swath of the U.S., affecting retail shopping and manufacturing output last month. The Federal Reserve separately said industrial production fell a seasonally adjusted 2.2% in February compared with January. Manufacturing, the largest component in the industrial-production index, drove the decline because of the weather disruptions and supply shortages.

Consumers meanwhile spent less on autos, furniture, electronics, home improvement, healthcare and clothing. Sales at food and beverage stores were unchanged, while sales at gas stations were up strongly, by 3.6%, as gas prices have accelerated this year.

Despite the February decline, retail sales were up 6% over the last three months compared with the same period a year earlier, according to the Commerce Department.

Additional information and other market-related reports can be viewed at www.Meridian-ally.com

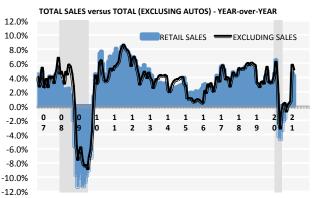
#### **ECONOMIC RELEASES**

RELEASES THIS WEEK:	Current	Previous
Retail Sales (Feb, MoM)	-3.0%	7.6%
FOMC Announcement	No change in current mone	tary policy

RELEASES FOR UPCOMING WEEK:	Projected	Previous
Existing Home Sales (Feb, Annl Units)	6.50M	6.69M
New Home Sales (Feb, Annl Units)	0.900M	0.923M
GDP (Q4-Final, QoQ)	4.1%	4.1%



## RETAIL SALES



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<sup>\*</sup>Since Nov 2018





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### **ECONOMIC CALENDAR**

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
February 15 PRESIDENT'S HOLIDAY	16	Retail Sales 5.3% Whs Inflation 1.2%	Jobless Claims 861k Cont'd Claims 4.4M	19 Exist Home Sales 669k	20
Leading Indicators 0.5%	Home Prices 10.4%	24 New Home Sales 842k	Jobless Claims 730k Cont'd Claims 4.4M GDP (Q4-2nd) 4.1%	Personal Income 10% Personal Spending 2.4%	27
March 1	<b>2</b> Vehicle Sales 15.7M	3	Jobless Claims 745k Cont'd Claims 4.2M Factory Orders 2.6%	5 Unemployment 6.2%	6
8	9 Cons Inflation 1.7%	10	Jobless Claims 712k Cont'd Claims 4.1M	12 Whis Inflation 2.8%	13
15	16 Retail Sales 5.1%	17 FOMC Announcement	Jobless Claims 770k Cont'd Claims 4.1M Leading Econ Index 0.2%	19	20
Existing Home Sales	23 New Home Sales	24 Durable Goods	Jobless Claims Cont'd Claims GDP (Q4-20, Final)	Personal Income Personal Spending	27
29	Home Prices Consumer Confidence	31	April 1 Jobless Claims Cont'd Claims Construction Spending	2 Unemployment Rate	3
5 Factory Orders	6	7 FOMC Minutes Consumer Credit	Jobless Claims Cont'd Claims	9 Wholesale Inflation	10
12	13 Consumer Inflation	14	Jobless Claims Cont'd Claims Retail Sales	16	17





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## **ECONOMIC FORECAST**

					2004				2022		
		202				202				2022	
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
CONOMIC OUTLOOK											
Economic Growth-											
GDP - (QoQ)	-5.0%	-31.4%	33.1%	4.1%	4.8%	5.1%	7.2%	6.4%	4.0%	2.9%	2.3%
GDP - (YTD)	-5.0%	-18.2%	-1.1%	0.2%	4.8%	5.0%	5.7%	5.9%	4.0%	3.5%	3.1%
Consumer Spending - (QoQ)	-6.9%	-33.2%	40.7%	2.5%	7.3%	2.8%	5.9%	6.1%	4.1%	3.3%	2.5%
Consumer Spending - (YTD)	-6.9%	-20.1%	0.2%	0.8%	7.3%	5.1%	5.3%	5.5%	4.1%	3.7%	3.3%
Goverment Spending - (QoQ)	1.3%	2.5%	-4.9%	-1.2%	2.5%	13.1%	6.7%	1.0%	-4.1%	-5.0%	-3.3%
Government Spending - (YTD)	1.3%	1.9%	-0.4%	-0.6%	2.5%	7.8%	7.4%	5.8%	-4.1%	-4.6%	-4.1%
Consumer Wealth-											
Unemployment Rate	3.8%	13.0%	8.8%	6.7%	6.1%	5.7%	5.2%	4.7%	4.6%	4.5%	4.4%
Consumer Inflation	2.1%	0.4%	1.2%	1.4%	1.5%	2.5%	2.2%	2.4%	2.2%	2.5%	2.2%
Home Prices	4.2%	4.4%	5.9%	9.7%	10.4%	11.0%	10.7%	10.5%	10.5%	10.4%	10.29
	CLE LOAN N	MARKETS									
Consumer Demand-											
Consumer Demand- Total Home Sales (Mil)	6.184	5.016	7.100 6.127	7.650 6.777	7.232 6.327	7.273 6.327	7.325 6.360	7.343 6.364	7.382 6.382	7.452 6.427	
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil)			7.100 6.127 0.973	7.650 6.777 0.873	7.232 6.327 0.905	7.273 6.327 0.946	7.325 6.360 0.965	7.343 6.364 0.979	7.382 6.382 1.000	7.452 6.427 1.025	6.429
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil)	6.184 5.483 0.701	5.016 4.313 0.703	6.127 0.973	6.777 0.873	6.327 0.905	6.327 0.946	6.360 0.965	6.364 0.979	6.382 1.000	6.427 1.025	6.429 1.034
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils)	6.184 5.483 0.701 1.869	5.016 4.313 0.703 3.052	6.127 0.973 3.497	6.777 0.873 3.578	6.327 0.905 3.260	6.327 0.946 2.139	6.360 0.965 1.962	6.364 0.979 1.806	6.382 1.000 1.552	6.427 1.025 1.628	1.034 1.78
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils)	6.184 5.483 0.701 1.869 0.891	5.016 4.313 0.703 3.052 1.203	6.127 0.973 3.497 1.427	6.777 0.873 3.578 1.350	6.327 0.905 3.260 1.041	6.327 0.946 2.139 1.227	6.360 0.965 1.962 1.396	6.364 0.979 1.806 1.380	6.382 1.000 1.552 1.123	6.427 1.025 1.628 1.225	1.780 1.385
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils)	6.184 5.483 0.701 1.869	5.016 4.313 0.703 3.052	6.127 0.973 3.497	6.777 0.873 3.578	6.327 0.905 3.260	6.327 0.946 2.139	6.360 0.965 1.962	6.364 0.979 1.806	6.382 1.000 1.552	6.427 1.025 1.628	1.780 1.389 0.399
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share	6.184 5.483 0.701 1.869 0.891 0.978 52%	5.016 4.313 0.703 3.052 1.203 1.849 61%	6.127 0.973 3.497 1.427 2.070 59%	6.777 0.873 3.578 1.350 2.235 62%	6.327 0.905 3.260 1.041 2.219 68%	6.327 0.946 2.139 1.227 0.912 43%	6.360 0.965 1.962 1.396 0.566 29%	6.364 0.979 1.806 1.380 0.426 24%	6.382 1.000 1.552 1.123 0.429 28%	6.427 1.025 1.628 1.225 0.403 25%	7.463 6.429 1.034 1.780 1.385 0.395 22%
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils)	6.184 5.483 0.701 1.869 0.891 0.978	5.016 4.313 0.703 3.052 1.203 1.849	6.127 0.973 3.497 1.427 2.070	6.777 0.873 3.578 1.350 2.235	6.327 0.905 3.260 1.041 2.219	6.327 0.946 2.139 1.227 0.912	6.360 0.965 1.962 1.396 0.566	6.364 0.979 1.806 1.380 0.426	6.382 1.000 1.552 1.123 0.429	6.427 1.025 1.628 1.225 0.403	1.78 1.38 1.38 0.39 22%
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share	6.184 5.483 0.701 1.869 0.891 0.978 52%	5.016 4.313 0.703 3.052 1.203 1.849 61%	6.127 0.973 3.497 1.427 2.070 59%	6.777 0.873 3.578 1.350 2.235 62%	6.327 0.905 3.260 1.041 2.219 68%	6.327 0.946 2.139 1.227 0.912 43%	6.360 0.965 1.962 1.396 0.566 29%	6.364 0.979 1.806 1.380 0.426 24%	6.382 1.000 1.552 1.123 0.429 28%	6.427 1.025 1.628 1.225 0.403 25%	1.78 1.38 1.38 0.39 22%
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales (Mil)  MARKET RATE OUTLOOK  Benchmark Rates-	6.184 5.483 0.701 1.869 0.891 0.978 52% 15.4	5.016 4.313 0.703 3.052 1.203 1.849 61% 11.6	6.127 0.973 3.497 1.427 2.070 59% 15.7	6.777 0.873 3.578 1.350 2.235 62% 15.8	6.327 0.905 3.260 1.041 2.219 68% 16.0	6.327 0.946 2.139 1.227 0.912 43% 15.7	6.360 0.965 1.962 1.396 0.566 29% 16.8	6.364 0.979 1.806 1.380 0.426 24% 16.5	6.382 1.000 1.552 1.123 0.429 28% 16.8	6.427 1.025 1.628 1.225 0.403 25% 17.0	1.780 1.380
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Vehicle Sales (Mil)  MARKET RATE OUTLOOK Benchmark Rates- Prime	6.184 5.483 0.701 1.869 0.891 0.978 52% 15.4	5.016 4.313 0.703 3.052 1.203 1.849 61% 11.6	6.127 0.973 3.497 1.427 2.070 59% 15.7	6.777 0.873 3.578 1.350 2.235 62% 15.8	6.327 0.905 3.260 1.041 2.219 68% 16.0	6.327 0.946 2.139 1.227 0.912 43% 15.7	6.360 0.965 1.962 1.396 0.566 29% 16.8	6.364 0.979 1.806 1.380 0.426 24% 16.5	6.382 1.000 1.552 1.123 0.429 28% 16.8	6.427 1.025 1.628 1.225 0.403 25% 17.0	6.42 <sup>1</sup> 1.03 <sup>2</sup> 1.78 <sup>1</sup> 1.38 <sup>1</sup> 0.39 <sup>1</sup> 22 <sup>2</sup> 17.3
Consumer Demand- Fotal Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) Single Family Homes (Mils) Purchase Apps (Mils) Refinancing Apps (Mils) Refi Apps Share Wehicle Sales (Mil)  MARKET RATE OUTLOOK  Benchmark Rates- Prime Fed Funds	6.184 5.483 0.701 1.869 0.891 0.978 52% 15.4	5.016 4.313 0.703 3.052 1.203 1.849 61% 11.6	6.127 0.973 3.497 1.427 2.070 59% 15.7	6.777 0.873 3.578 1.350 2.235 62% 15.8	6.327 0.905 3.260 1.041 2.219 68% 16.0	6.327 0.946 2.139 1.227 0.912 43% 15.7	6.360 0.965 1.962 1.396 0.566 29% 16.8	6.364 0.979 1.806 1.380 0.426 24% 16.5	6.382 1.000 1.552 1.123 0.429 28% 16.8	6.427 1.025 1.628 1.225 0.403 25% 17.0	6.425 1.034 1.780 1.385 0.395 22% 17.3
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) 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	6.184 5.483 0.701 1.869 0.891 0.978 52% 15.4	5.016 4.313 0.703 3.052 1.203 1.849 61% 11.6	6.127 0.973 3.497 1.427 2.070 59% 15.7	6.777 0.873 3.578 1.350 2.235 62% 15.8	6.327 0.905 3.260 1.041 2.219 68% 16.0 3.3% 0.1% 0.3%	6.327 0.946 2.139 1.227 0.912 43% 15.7 3.3% 0.1% 0.3%	6.360 0.965 1.962 1.396 0.566 29% 16.8	6.364 0.979 1.806 1.380 0.426 24% 16.5	6.382 1.000 1.552 1.123 0.429 28% 16.8	6.427 1.025 1.628 1.225 0.403 25% 17.0	1.780 1.780 1.381 0.391 22% 17.3 3.3% 0.1% 0.5%
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) 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 10yr UST	6.184 5.483 0.701 1.869 0.891 0.978 52% 15.4	5.016 4.313 0.703 3.052 1.203 1.849 61% 11.6	6.127 0.973 3.497 1.427 2.070 59% 15.7	6.777 0.873 3.578 1.350 2.235 62% 15.8	6.327 0.905 3.260 1.041 2.219 68% 16.0	6.327 0.946 2.139 1.227 0.912 43% 15.7	6.360 0.965 1.962 1.396 0.566 29% 16.8	6.364 0.979 1.806 1.380 0.426 24% 16.5	6.382 1.000 1.552 1.123 0.429 28% 16.8	6.427 1.025 1.628 1.225 0.403 25% 17.0	1.780 1.780 1.381 0.391 22% 17.3 3.3% 0.1% 0.5%
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) 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 10yr UST  Market Rates-	6.184 5.483 0.701 1.869 0.891 0.978 52% 15.4	5.016 4.313 0.703 3.052 1.203 1.849 61% 11.6	6.127 0.973 3.497 1.427 2.070 59% 15.7 3.3% 0.1% 0.2% 0.6%	6.777 0.873 3.578 1.350 2.235 62% 15.8 3.3% 0.1% 0.2% 0.9%	6.327 0.905 3.260 1.041 2.219 68% 16.0 3.3% 0.1% 0.3% 1.2%	6.327 0.946 2.139 1.227 0.912 43% 15.7 3.3% 0.1% 0.3% 1.4%	6.360 0.965 1.962 1.396 0.566 29% 16.8	6.364 0.979 1.806 1.380 0.426 24% 16.5	6.382 1.000 1.552 1.123 0.429 28% 16.8 3.3% 0.1% 0.4% 1.7%	6.427 1.025 1.628 1.225 0.403 25% 17.0	1.780 1.385 0.395 22% 17.3 3.3% 0.1% 0.5% 2.0%
Consumer Demand- Total Home Sales (Mil) Existing Home (Mil) New Home Sales (Mil) 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 10yr UST	6.184 5.483 0.701 1.869 0.891 0.978 52% 15.4	5.016 4.313 0.703 3.052 1.203 1.849 61% 11.6	6.127 0.973 3.497 1.427 2.070 59% 15.7	6.777 0.873 3.578 1.350 2.235 62% 15.8	6.327 0.905 3.260 1.041 2.219 68% 16.0 3.3% 0.1% 0.3%	6.327 0.946 2.139 1.227 0.912 43% 15.7 3.3% 0.1% 0.3%	6.360 0.965 1.962 1.396 0.566 29% 16.8	6.364 0.979 1.806 1.380 0.426 24% 16.5	6.382 1.000 1.552 1.123 0.429 28% 16.8	6.427 1.025 1.628 1.225 0.403 25% 17.0	1.780 1.389 0.399





Market Analysis

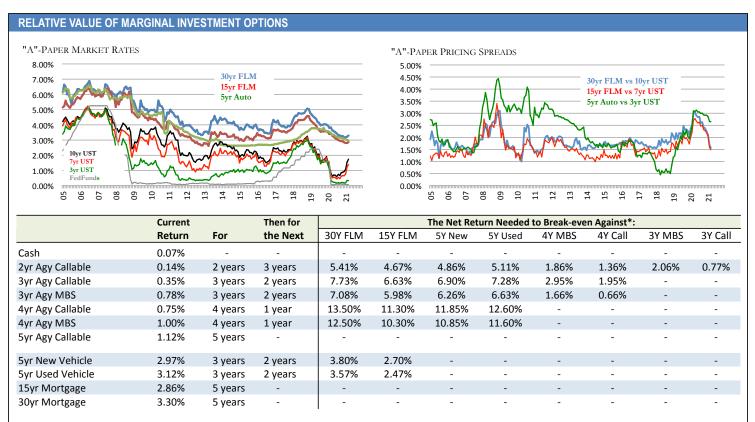
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#### STRATEGIC ASSESSMENT OF RELATIVE VALUE INVESTMENT AND FUNDING OPTIONS



<sup>\*</sup> Best relative value noted by probabilites of achieving "break-even" returns

## RELATIVE VALUE OF MARGINAL FUNDING OPTIONS

	Current		Then for	The Net Co	st Needed to	Break-even	Against*:
	Cost	For	the Next	3Y CD	3Y FHLB	2Y CD	2Y FHLB
Share Draft	0.09%	1 year	2 years	0.90%	0.81%	0.97%	0.67%
Regular Savings	0.13%	1 year	2 years	0.88%	0.79%	0.93%	0.63%
Money Market	0.18%	1 year	2 years	0.86%	0.77%	0.88%	0.58%
FHLB Overnight	0.27%	1 year	2 years	0.81%	0.72%	0.79%	0.49%
Catalyst Settlement	1.25%	1 year	2 years	0.32%	0.23%	-0.10%	-0.49%
6mo Term CD	0.28%	6 mos	2.5 yrs	0.70%	0.63%	0.61%	0.41%
6mo FHLB Term	0.25%	6 mos	2.5 yrs	0.71%	0.63%	0.62%	0.42%
6mo Catalyst Term	0.25%	6 mos	2.5 yrs	0.71%	0.63%	0.62%	0.42%
1yr Term CD	0.40%	1 year	2 years	0.75%	0.66%	0.66%	0.36%
1yr FHLB Term	0.28%	1 year	2 years	0.81%	0.72%	0.78%	0.48%
2yr Term CD	0.53%	2 years	1 year	0.83%	0.65%	-	-
2yr FHLB Term	0.38%	2 years	1 year	1.13%	0.95%	-	-
3yr Term CD	0.63%	3 years	-	-	-	-	-
3yr FHLB Term	0.57%	3 years	-	-	-	-	-

<sup>\*</sup> Highest relative value noted by highest differentials and volatility projections



**RESOURCES**<sup>™</sup>

Business & Industry Consulting

Market Analysis

Strategic Solutions

nancial Investments

Risk Management

Regulatory Expert

Q3-2020	<\$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
DEMOGRAPHICS											
Number of Credit Unions	366	833	1,561	674	1,063	636	5,133	1,199	2,760	3,434	4,497
Average Assets (\$Mil)	\$0.9	\$6.2	\$26.4	\$72.0	\$214.3	\$1,955.4	\$305.2	\$4.6	\$16.9	\$27.8	\$71.8
Pct of Credit Unions	7%	16%	30%	13%	21%	12%	100%	23%	54%	67%	88%
Pct of Industry Assets	0%	0%	2%	3%	13%	82%	100%	0%	3%	5%	18%
GROWTH RATES (YTD)											
Total Assets	-8.4%	-13.2%	-3.8%	-0.5%	4.7%	22.9%	18.7%	-12.9%	-4.8%	-2.6%	2.6%
Total Loans	-26.5%	-26.7%	-19.4%	-14.7%	-9.2%	9.7%	5.8%	-26.7%	-20.3%	-17.3%	-11.3%
Total Shares	-5.8%	-10.1%	-2.0%	0.6%	5.7%	21.4%	17.8%	-9.8%	-2.9%	-1.1%	3.7%
Net Worth	-14.6%	-19.1%	-12.7%	-9.2%	-6.2%	10.0%	6.1%	-18.7%	-13.6%	-11.5%	-7.9%
BALANCE SHEET ALLOCATION											
Net Worth-to-Total Assets	18.2%	15.5%	12.3%	11.5%	10.7%	10.3%	10.4%	15.7%	12.7%	12.1%	11.19
Cash & Inv-to-Total Assets	57%	52%	50%	43%	34%	30%	31%	53%	50%	46%	38%
Loans-to-Total Assets	42%	46%	47%	52%	61%	66%	65%	46%	47%	50%	58%
Vehicle-to-Total Loans	61%	64%	49%	43%	38%	31%	33%	64%	51%	46%	40%
REL-to-Total Loans	1%	8%	30%	39%	46%	53%	51%	7%	27%	34%	43%
REL-to-Net Worth	2%	22%	114%	179%	260%	342%	319%	21%	101%	140%	2229
Indirect-to-Total Loans	0%	0%	4%	11%	17%	21%	20%	0%	4%	8%	15%
Loans-to-Total Shares	52%	55%	54%	60%	69%	78%	76%	55%	54%	57%	669
Nonterm-to-Total Shares	92%	85%	82%	80%	77%	73%	74%	85%	82%	81%	789
Short-term Funding Ratio	47.2%	37.9%	31.3%	26.6%	20.1%	15.9%	17.2%	32.0%	29.3%	22.8%	17.39
Net Long-term Asset Ratio	3.2%	39.6%	17.4%	23.3%	29.7%	35.7%	34.1%	19.9%	21.6%	27.3%	34.09
Leverage Ratio	1.6%	1.2%	0.8%	1.2%	1.8%	4.6%	4.0%	1.2%	0.9%	1.0%	1.69
Solvency Ratio	122.4%	118.4%	114.1%	113.1%	112.1%	112.3%	112.3%	118.7%	114.6%	113.8%	112.6%
LOAN QUALITY								I			
Loan Delinquency Ratio	3.16%	1.48%	0.86%	0.69%	0.57%	0.53%	0.54%	0.93%	0.80%	0.63%	0.55%
Net Charge-off Ratio	0.56%	0.51%	0.34%	0.35%	0.35%	0.51%	0.48%	0.36%	0.35%	0.35%	0.489
"Misery" Index	3.72%	1.99%	1.20%	1.04%	0.92%	1.04%	1.02%	1.29%	1.15%	0.98%	1.03%
RE Loan Delinquency	1.04%	1.46%	0.83%	0.65%	0.55%	0.50%	0.52%	1.46%	0.85%	0.72%	0.589
Vehicle Loan Delinquency	2.47%	1.33%	0.79%	0.61%	0.48%	0.41%	0.44%	1.40%	0.87%	0.74%	0.55%
Direct Loans	2.47%	1.33%	0.77%	0.57%	0.41%	0.33%	0.39%	1.40%	0.86%	0.73%	0.53%
Indirect Loans	0.00%	0.50%	1.02%	0.72%	0.57%	0.45%	0.47%	0.50%	1.02%	0.79%	0.60%
Loss Allow as % of Loans	3.05%	1.43%	0.91%	0.84%	0.82%	1.14%	1.09%	1.52%	0.97%	0.90%	0.849
Current Loss Exposure	1.59%	0.80%	0.52%	0.45%	0.40%	0.36%	0.37%	0.85%	0.55%	0.50%	0.429
EARNINGS											
Gross Asset Yield	3.53%	3.42%	3.25%	3.27%	3.38%	3.66%	3.60%	3.43%	3.27%	3.27%	3.359
Cost of Funds	0.34%	0.38%	0.38%	0.41%	0.52%	0.80%	0.74%	0.38%	0.38%	0.39%	0.489
Gross Interest Margin	3.19%	3.04%	2.87%	2.86%	2.86%	2.86%	2.86%	3.05%	2.89%	2.88%	2.86%
Provision Expense	0.27%	0.27%	0.17%	0.20%	0.27%	0.64%	0.56%	0.27%	0.18%	0.19%	0.25%
Net Interest Margin	2.92%	2.76%	2.70%	2.66%	2.58%	2.22%	2.29%	2.77%	2.71%	2.69%	2.61%
Non-Interest Income	0.56%	0.53%	0.85%	1.08%	1.27%	1.33%	1.30%	0.53%	0.81%	0.95%	1.189
Non-Interest Expense	3.56%	3.26%	3.22%	3.32%	3.40%	2.94%	3.02%	3.28%	3.22%	3.27%	3.379
Net Operating Expense	3.01%	2.73%	2.37%	2.24%	2.13%	1.61%	1.72%	2.75%	2.41%	2.32%	2.199
Net Operating Return	-0.09%	0.04%	0.33%	0.42%	0.45%	0.61%	0.58%	0.03%	0.30%	0.36%	0.439
Non-recurring Inc(Exp)	0.00%	0.08%	0.05%	0.03%	0.03%	0.07%	0.06%	0.07%	0.05%	0.04%	0.039
Net Income	-0.09%	0.11%	0.38%	0.45%	0.48%	0.68%	0.64%	0.10%	0.35%	0.40%	0.46%
	-0.5%					5.7%	5.3%				



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

Business & Industry Consulting Market Analysis Strategic Solutions Financial Investments Risk Management Regulatory Expert

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OPERATING EFFICIENCIES:											
Loans & Shares-											
Avg Loan Balance	\$5,277	\$7,133	\$7,730	\$9,135	\$13,214	\$17,697	\$16,293	\$7,022	\$7,649	\$8,438	\$11,981
Avg Loan Rate	6.62%	5.63%	5.10%	4.88%	4.63%	4.78%	4.77%	5.68%	5.17%	5.01%	4.73%
Avg Loan Yield, net	6.03%	5.07%	4.77%	4.52%	4.21%	3.86%	3.94%	5.13%	4.81%	4.65%	4.32%
Avg Share Balance	\$2,515	\$5,106	\$8,136	\$9,398	\$10,676	\$13,099	\$12,354	\$4,794	\$7,572	\$8,422	\$9,925
Avg Share Rate	0.42%	0.46%	0.44%	0.47%	0.60%	0.95%	0.87%	0.45%	0.44%	0.46%	0.56%
Non-Member Deposit Ratio	1.4%	1.0%	0.8%	0.8%	0.8%	0.8%	0.8%	1.1%	0.8%	0.8%	0.8%
Net Operating Profitability-											
Earning Asset/Funding	123%	118%	111%	109%	108%	113%	112%	118%	112%	111%	109%
Fee Inc-to-Total Revenue	14%	13%	21%	25%	27%	27%	27%	13%	20%	23%	26%
Net Operating Return per FTE											
Interest Income per FTE	\$42,381	\$88,538	\$129,028	\$133,677	\$140,636	\$213,604	\$193,809	\$82,615	\$120,883	\$127,125	
Avg Interest & Prov per FTE	\$7,333	\$16,965	\$21,878	\$24,761	\$33,095	\$84,197	\$70,264	\$15,729	\$20,798	\$22,732	\$29,95
Net Interest Income per FTE	\$35,048	\$71,574	\$107,151	\$108,915	\$107,541	\$129,407	\$123,545	\$66,887	\$100,084	\$104,393	
Non-Interest Income per FTE	\$6,667	\$13,670	\$33,649	\$44,176	\$53,005	\$77,653	\$70,063	\$12,771	\$29,985	\$36,909	\$48,12
Avg Ops Expense per FTE	\$42,762	\$84,332	\$127,675	\$135,838	\$141,641	\$171,402	\$162,630	\$78,998	\$119,132	\$127,283	
Net Op Expense per FTE	\$36,095	\$70,662	\$94,027	\$91,661	\$88,636	\$93,748	\$92,568	\$66,227	\$89,148	\$90,374	\$89,16
Avg Net Op Return per FTE	-\$1,048	\$911	\$13,124	\$17,254	\$18,905	\$35,658	\$30,977	\$660	\$10,936	\$14,019	\$17,42
Revenue/Operating Expens	e Assessm	ent									
Revenue-											
Avg Revenue per FTE	\$49,048	\$102,208	\$162,677	\$177,853	\$193,640	\$291,257	\$263,872	\$95,386	\$150,867	\$164,034	\$184,65
- Total Revenue Ratio	4.08%	3.95%	4.10%	4.35%	4.65%	4.99%	4.90%	3.96%	4.08%	4.22%	4.53%
Operating Expenses-											
Avg Comp & Benefits per FTE	\$20,000	\$45,005	\$61,718	\$65,696	\$72,388	\$90,736	\$85,205	\$41,797	\$58,221	\$61,868	\$69,19
- Comp & Benefits Ratio	1.67%	1.74%	1.56%	1.61%	1.74%	1.55%	1.58%	1.73%	1.58%	1.59%	1.70%
- Pct of Total Operating Exp	47%	53%	48%	48%	51%	53%	52%	53%	49%	49%	50%
- FTE-to-Ops (Staffing)	2.01	0.79	0.42	0.36	0.30	0.20	0.22	0.85	0.46	0.40	0.33
- Full-time Equivalents	280	1,902	10,251	11,847	55,719	231,457	311,455	2,182	12,433	24,280	79,998
- Pct Part-time Employees	78%	44%	15%	10%	7%	5%	7%	49%	22%	17%	10%
Avg Occ & Ops Exp per FTE	\$13,810	\$22,783	\$34,377	\$34,947	\$36,182	\$42,133	\$40,391	\$21,632	\$32,140	\$33,510	\$35,37
- Occupancy & Ops Expense	1.15%	0.88%	0.87%	0.85%	0.87%	0.72%	0.75%	0.90%	0.87%	0.86%	0.87%
- Pct of Total Op Expense	32%	27%	27%	26%	26%	25%	25%	27%	27%	26%	26%
Avg All Other Expense per FTE	\$8,952	\$16,544	\$31,581	\$35,195	\$33,071	\$38,533	\$37,035	\$15,570	\$28,771	\$31,905	\$32,71
- All Other Expense Ratio	0.75%	0.64%	0.80%	0.86%	0.79%	0.66%	0.69%	0.65%	0.78%	0.82%	0.80%
- Pct of Total Ops Expense	21%	20%	25%	26%	23%	22%	23%	20%	24%	25%	24%
Membership Outreach-											
	3.8%	7.5%	3.0%	2.6%	2.4%	3.0%	2.9%	6.7%	3.3%	2.9%	2.6%
Members-to-Potential Mbers	3.070	7.570	3.070							,	
	3.6%	403	419	380	348	409	397	400	416	398	363
Members-to-Potential Mbers Members-to-FTEs Branches Members per Branch											