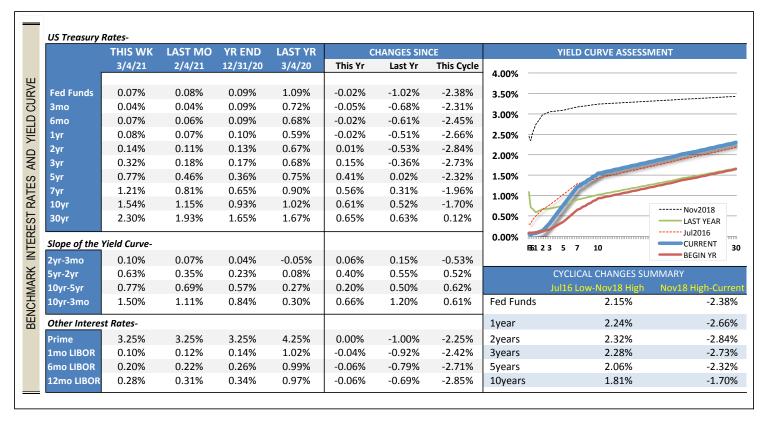
ANALYSIS

AND

UPDATE /

05 March 2021



FRB BEIGE BOOK REFLECTS BUSINESS OPTIMISTIC ON VACCINE; JOBLESS RATE DROPS TO 6.2%

The U.S. economy expanded modestly in the first two months of the year and sentiment among business owners is picking up as vaccinations bolstered the prospects for economic growth, the Federal Reserve said.

"Most businesses remain optimistic regarding the next six to 12 months as Covid-19 vaccines become more widely distributed," according to the Beige Book based on information collected by the Fed's 12 regional banks through Feb. 22.

Economic prospects have brightened as the daily count of Covid-19 cases has fallen to the lowest in more than four months. More than a dozen states posted fewer than 100 new cases per million residents -- most of those in the West and Midwest.

"Most districts reported that employment levels rose over the reporting period, albeit slowly," the Fed stated in the report. "Overall, contacts expect modest improvements in employment levels in the near term." Wage increases for many districts are expected to persist or to pick up somewhat over the next several months, the Fed said.

| 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 | Mo | Feb | 6.2% | 6.3% |
| Consumer Inflation | YoY | Jan | 1.4% | 1.4% |
| Core Inflation | YoY | Jan | 1.4% | 1.6% |
| Consumer Credit | Annual | Dec | 2.8% | 4.0% |
| Retail Sales | YoY | Jan | 5.8% | 0.6% |
| Vehicle Sales | Annl (Mil) | Jan | 17.1 | 16.7 |
| Home Sales | Annl (Mil) | Jan | 7.532 | 7.689 |
| Home Prices | YoY | Dec | 10.4% | 9.5% |

| | THIS WK | YR END | PCT CF | IANGES |
|--------------|---------|----------|--------|--------|
| | 3/4/21 | 12/31/20 | YTD | 12Mos |
| DJIA | 30,924 | 30,606 | 1.0% | 19.4% |
| S&P 500 | 3,768 | 3,756 | 0.3% | 26.3% |
| NASDAQ | 12,723 | 12,888 | -1.3% | 46.0% |
| Crude Oil | 63.83 | 48.52 | 31.6% | 58.0% |
| Avg Gasoline | 2.71 | 2.24 | 20.9% | -12.8% |
| Gold | 1,701 | 1,895 | -10.2% | 1.1% |



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AVERAGE CREDIT UNION RATES AND RATE SENSITIVITY

| | THIS WK | YTD C | hange | Chg in Curr | ent Cycle* | Rate Se | ensitivity |
|-------------|---------|--------|-----------|-------------|------------|---------|------------|
| | 3/4/21 | Rate | Benchmark | Rate | Benchmark | YTD | Cycle |
| Classic CC | 10.84% | 0.01% | 0.00% | -0.85% | -2.25% | 0% | 38% |
| Platinum CC | 9.08% | -0.02% | 0.00% | -1.19% | -2.25% | 0% | 53% |
| 48mo Veh | 2.88% | -0.10% | 0.01% | -0.78% | -2.84% | -1000% | 27% |
| 60mo Veh | 2.99% | -0.09% | 0.15% | -0.78% | -2.73% | -60% | 29% |
| 72mo Veh | 3.31% | -0.10% | 0.28% | -0.81% | -2.53% | -36% | 32% |
| HE LOC | 3.78% | -0.05% | 0.00% | -1.78% | -2.25% | 0% | 79% |
| 10yr HE | 4.74% | 0.36% | 0.41% | -0.78% | -2.55% | 88% | 31% |
| 15yr FRM | 2.83% | -0.01% | 0.51% | -1.75% | -2.05% | -2% | 85% |
| 30yr FRM | 3.25% | 0.07% | 0.61% | -1.81% | -1.70% | 11% | 106% |
| 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 | 0.26% | -0.01% | -0.02% | -0.39% | -2.38% | 50% | 16% |
| 6mo CD | 0.29% | -0.01% | -0.02% | -0.74% | -2.45% | 50% | 30% |
| 1yr CD | 0.41% | -0.03% | -0.02% | -1.10% | -2.66% | 150% | 41% |
| 2yr CD | 0.53% | -0.04% | 0.01% | -1.32% | -2.84% | -400% | 46% |
| 3yr CD | 0.63% | -0.04% | 0.15% | -1.43% | -2.73% | -27% | 52% |

| 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

The U.S. economy created 379,000 new jobs in February — the biggest gain in four months — in what's likely to be a preview of a surge in hiring in the months ahead as most people get vaccinated and the economy fully reopens.

The increase in hiring last month was concentrated at restaurants, retailers, hotels and entertainment venues as states eased restrictions on customer limits and public gatherings.

The nation's unemployment rate slipped from 6.3% to 6.2% after hitting a peak last April of 14.7% in the initial pandemic outbreak. Since then, the economy has recovered nearly 89% of the jobs lost following the initial pandemic period.

U.S. light vehicle sales are forecasted to increase to 15.7 million units this year. That figure is a substantial 1.1-million unit increase over the 14.6 million units sold stateside in 2020. We cite the proliferation of COVID-19 vaccinations as a primary driver of vehicle sales growth, as well as an anticipated economic recovery, including for fleet sales as consumers return to travel for business and leisure. As Americans begin to travel by air again, both for business and pleasure, demand for rental cars will return.

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

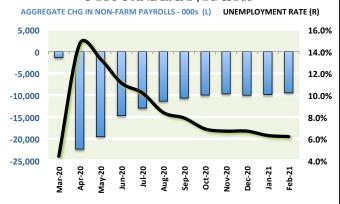
ECONOMIC RELEASES

| RELEASES THIS WE | EK: | Current | Previous |
|---------------------|-----------------------|------------------|-------------|
| Vehicle Sales (Feb, | Annl Units) | 15.7M | 16.6M |
| Unemployment (Fo | eb) | 6.2% | 6.3% |
| FRR Reige Rook | Economy far away from | employment/infla | ation goals |

| RELEASES FOR UPCOMING WEEK: | Projected | Previous |
|--------------------------------|-----------|----------|
| Consumer Inflation (Feb YoY) | 1.5% | 1.4% |
| Wholesale Inflation (Feb, YoY) | 1.7% | 1.7% |



POST-PANDEMIC JOB LOSS



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^{*}Since Nov 2018





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ECONOMIC CALENDAR

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|-----------------------------------|---|--|--|--|----------|
| | | | | | |
| February 1 Vehicle Sales 17.1M | 2 | 3 | Jobless Claims 812k Cont'd Claims 4.7M | 5 Unemployment 6.3% | 6 |
| 8 Consumer Credit 2.8% | 9 | 10 Cons Inflation 1.4% Core Inflation 1.4% | Jobless Claims 793k Cont'd Claims 4.5M | 12 | 13 |
| PRESIDENT'S HOLIDAY | 16 | 17 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% | 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 | 2 Vehicle Sales 15.7M | 3 | Jobless Claims 745k Cont'd Claims 4.2M Factory Orders 2.6% | 5 Unemployment 6.2% | 6 |
| 8 | 9 Consumer Inflation | 10 | Jobless Claims Cont'd Claims | 12 Wholesale Inflation | 13 |
| 15 | 16 Retail Sales Industrial Production | 17 FOMC Announcement | Jobless Claims Cont'd Claims Leading Econ Index | 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 | 30 | 31 | April 1 Jobless Claims Cont'd Claims | 2 | 3 |





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ECONOMIC FORECAST

| | | | | | 2021 | | | | **** | | |
|---|---|---|--|--|--|--|--|--|--|--|---|
| | | 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 ¹ 1.03 ² 1.78 ¹ 1.38 ¹ 0.39 ¹ 22 ² 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 |





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Market Analysis

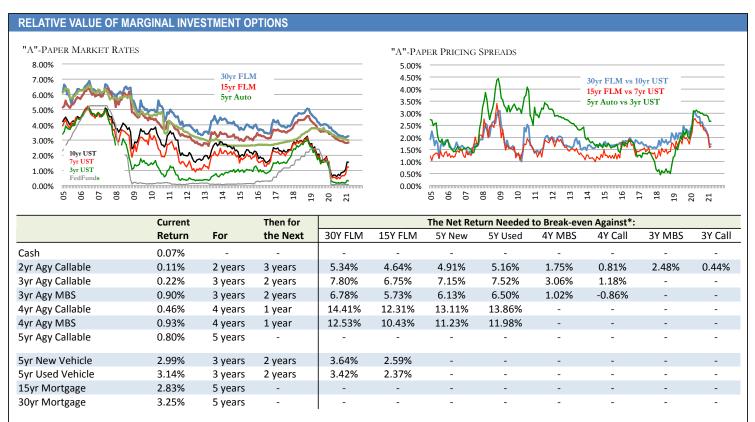
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inancial Investments

Risk Management

Regulatory Expert

STRATEGIC ASSESSMENT OF RELATIVE VALUE INVESTMENT AND FUNDING OPTIONS



^{*} 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% | 0.74% | 0.97% | 0.63% |
| Regular Savings | 0.13% | 1 year | 2 years | 0.88% | 0.72% | 0.93% | 0.59% |
| Money Market | 0.18% | 1 year | 2 years | 0.86% | 0.69% | 0.88% | 0.54% |
| FHLB Overnight | 0.28% | 1 year | 2 years | 0.81% | 0.64% | 0.78% | 0.44% |
| Catalyst Settlement | 1.25% | 1 year | 2 years | 0.32% | 0.16% | -0.10% | -0.53% |
| 6mo Term CD | 0.29% | 6 mos | 2.5 yrs | 0.70% | 0.57% | 0.61% | 0.38% |
| 6mo FHLB Term | 0.28% | 6 mos | 2.5 yrs | 0.70% | 0.57% | 0.61% | 0.39% |
| 6mo Catalyst Term | 1.00% | 6 mos | 2.5 yrs | 0.56% | 0.42% | 0.37% | 0.15% |
| 1yr Term CD | 0.41% | 1 year | 2 years | 0.74% | 0.58% | 0.65% | 0.31% |
| 1yr FHLB Term | 0.31% | 1 year | 2 years | 0.79% | 0.63% | 0.75% | 0.41% |
| 2yr Term CD | 0.53% | 2 years | 1 year | 0.83% | 0.50% | - | - |
| 2yr FHLB Term | 0.36% | 2 years | 1 year | 1.17% | 0.84% | - | - |
| 3yr Term CD | 0.63% | 3 years | - | - | - | - | - |
| 3yr FHLB Term | 0.52% | 3 years | - | - | - | - | - |

^{*} Highest relative value noted by highest differentials and volatility projections



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| Q3-2020 | <\$2 Million | \$2-10 Million | \$10-50 <million< th=""><th>\$50-100 Million</th><th>\$100-500 Million</th><th>\$500> Million</th><th>TOTAL</th><th><\$10 Million</th><th><\$50 Million</th><th><\$100 Million</th><th><\$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% | | | | |



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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 | | | | | | | | | | | |