

PERSPECTIVES THAT DRIVE ENTERPRISE SUCCESS

FEBRUARY 2021 Capital Markets Update

Market commentary

U.S. ECONOMICS

- Officials in Washington neared agreement on a \$1.9 trillion economic relief package, which will include \$1,400 payments for most citizens, \$300 per week in additional unemployment benefits until September 6th, and \$350 billion in aid for state and local governments.
- Nonfarm payrolls surprised to the upside, as payrolls increased by 379k in February - expectations were for a monthly increase of 200k. Gains were made predominantly in the leisure and hospitality sector, which accounted for 94% of new jobs in February. Despite the continued recovery in the labor market, nonfarm payrolls remain about 9.5 million jobs short of the prior peak in February of 2020.
- The University of Michigan's Consumer Sentiment Index dropped from 79.0 to 76.8 over the month. The decrease was attributed mainly to a decline in the number of consumers who reported they were anticipating a much stronger economy over the upcoming six months.

U.S. EQUITIES

- The S&P 500 Index rose 2.8% over the month. The top-performing Energy (+22.7%) sector holds a small weight in the index but still buoyed the overall index from losses within the relatively heavilyweighted Health Care (-2.1%) and Consumer Staples (-1.4%) sectors.
- The S&P 500 Price Index closed the month at 3811, above its 50-, 100- and 200-day moving averages, indicating that there has been an upward price trend over the past six months.
- Historically-low interest rates have helped to justify lofty equity valuations and that support eroded this month as real interest rates rose. Nominal Treasury yields picked up over the period, while breakeven inflation rates remained rangebound.

U.S. FIXED INCOME

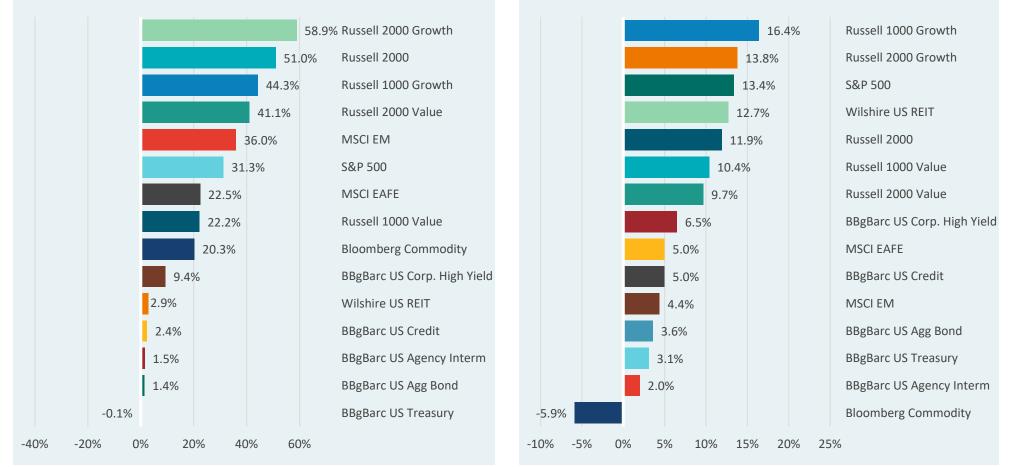
- In the Semiannual Monetary Policy Report, Fed Chair Powell said that despite positive news in hospitalizations and ongoing vaccinations the economic recovery remains uneven and far from complete. Powell added that the path ahead to normal conditions is highly uncertain, and risks remain to the downside.
- Ten-year U.S. Treasury yields rose 33 basis points, as a broad selloff in bonds was triggered in part by expectations for a postpandemic reignition of inflation.
- Core consumer price inflation, which excludes food and energy prices, grew 1.3% year-over-year in February, down from 1.4% in the prior period. The February CPI print missed expectations, but some investors expect positive inflation surprise looking ahead.

INTERNATIONAL MARKETS

- Governments continued to increase their borrowing to finance a plethora of coronavirus-related spending packages, and that issuance tested the resolve of central banks managing yield curve targets. The 10-year Japanese government bond yield increased 11 basis points to 0.16%, just 4 bps from the top end of the Bank of Japan's current target range for the 10-year yield, which is within 20 basis points of 0.00%.
- Sovereign bonds yields rose across the board in the emerging markets. The JPM EMBI Global Div (-2.6%) and JPM GBI-EM Global Div (-2.7%) both posted material losses.
- The U.S. dollar strengthened +1.7% against the Japanese Yen over the month and helped unhedged U.S. investors in Japanese equities (MSCI Japan +1.5%).

Major asset class returns

ONE YEAR ENDING FEBRUARY



*Only publicly traded asset performance is shown here. Performance of private assets is typically released with a 3- to 6-month delay. Source: Morningstar, as of 2/28/21 Source: Morningstar, as of 2/28/21

Source: Morningstar, as of 2/28/21

TEN YEARS ENDING FEBRUARY

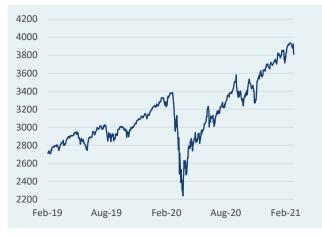


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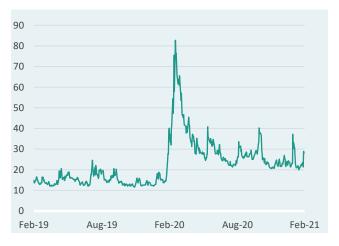
U.S. large cap equities

- The S&P 500 Index increased 2.8% in February, putting the index in the black for the year. The sectors that contributed most to the index's returns were the financial, communication services and energy sectors. The top performing sectors were the energy (+22.7%) and financial (+11.5%) sectors.
- At month-end the one-year forward P/E ratio of the S&P 500 Index was 21.1, above its 5-and 10-year averages of 17.7 and 15.8. Per FactSet, the consumer discretionary (33.5x) sector was priced the highest relative to one-year forward expected earnings.
- While equities have motored ahead, they have done so at higher levels of implied volatility. Implied volatility remains high relative to history and the CBOE VIX Index has not dropped below 20 since late February last year. The VIX closed the month at 28.0, which was 22.7% higher than the 3-year average.
- The financials sector gained 11.5% in February, supported by expanding net interest margins driven by rising rates. Financials (as a cyclical sector) tend to perform well in advance of economic recovery as businesses begin to finance investments in capital expenditures and other inputs.

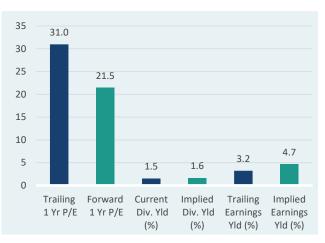
S&P 500 PRICE INDEX



IMPLIED VOLATILITY (VIX INDEX)



S&P 500 VALUATION SNAPSHOT



Source: Bloomberg, as of 2/28/21

Source: CBOE, as of 2/28/21

Source: Bloomberg, as of 2/28/21



Domestic equity size and style

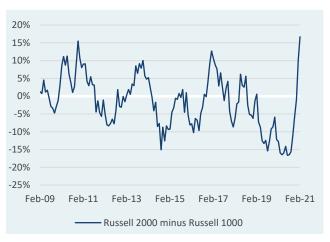
- Small-cap equities extended their outperformance over large-cap equities to a sixth consecutive month. The Russell 2000 Index returned 6.2% while the Russell 1000 Index only rose 2.9%. Year-to-date, small-cap equities (+11.6%) have outperformed their large cap peers (+2.1%) by a significant margin.
- Momentum factor investing, where investors buy stocks that have been outperforming and sell those that have been underperforming lagged the broad S&P 500 Index by -4.5%.
- Value stocks outperformed growth stocks with the Russell 3000 Value Index up 6.3% versus 0.2% for the Russell 3000 Growth Index. Value's outperformance was likely fueled by optimism for a return to normal as investors look toward "re-opening" names.
- The S&P 500 High Dividend Index outperformed the S&P 500 Growth Index by 9.0% in February. Higher duration (growth) stocks tend to do better in lower interest rate environments while low duration (often high dividend) stocks do better when inflation expectations and rates rise.

2.5 20% 15% 2.0 10% 1.5 5% 0% 1.0 -5% 0.5 10% 0.0 -15% ng.ds. Febri (Value/Growth) (Left Average Valuation (Left) bsequent 5 Year Rolling Excess Returns (Value/Growth) (Right)

VALUE VS. GROWTH 1-YR ROLLING RELATIVE PERFORMANCE



SMALL VS. LARGE 1-YR ROLLING RELATIVE PERFORMANCE



Source: FTSE, Bloomberg, as of 2/28/21

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VALUE VS. GROWTH RELATIVE VALUATIONS

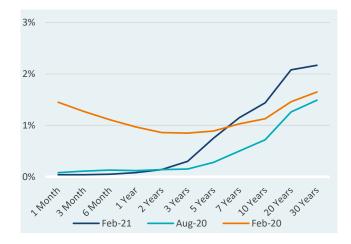


Source: FTSE, Bloomberg, as of 2/28/21

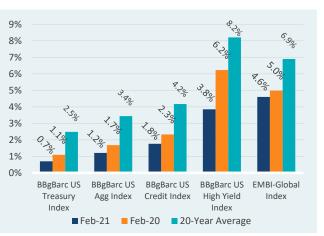
Fixed income

- Priced inflation, as measured by the 5-year breakeven inflation rate rose to its highest level in almost a decade at 2.4%, meaning the market is pricing inflation to average that growth rate over the next five years. Realized inflation has remained subdued relative to priced inflation thus far – the most recent headline CPI print indicated just 1.7% year-on-year growth.
- The ICE Bank of America US High Yield Index optionadjusted spread tightened 27 basis points and ended the month at 3.57%, the lowest level since the beginning of the pandemic.
- The European Central Bank slowed its emergency bond buying to \$20.3B in the last week of February, the lowest number in four weeks. ECB Executive Board member Fabio Panetta said the recent increase in yields is "unwelcome and must be resisted", leading economists to believe the ECB will step up and increase bond buying to reign in yields.
- Long-duration Treasuries (-5.6%) were one of the worst performing asset classes. The 30-5-year term spread expanded to 1.42%, its widest point since October 2015.

U.S. TREASURY YIELD CURVE



NOMINAL YIELDS



BREAKEVEN INFLATION RATES



Source: Bloomberg, as of 2/28/21

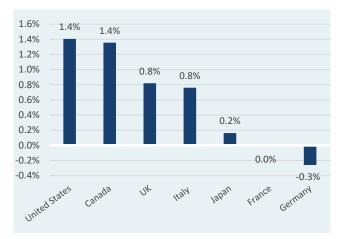
Source: Morningstar, as of 2/28/21

Source: Bloomberg, as of 2/28/21

Global markets

- International developed equities (MSCI EAFE +2.2%) outperformed emerging market equities (MSCI EM +0.8). Strong returns in the United Kingdom (MSCI U.K. +3.6%) and mainland Europe (MSCI Europe +2.4%) drove international developed equity outperformance.
- The British Pound rallied +1.8% amid a backdrop of positive news on vaccinations. Britain has had one of the more effective vaccination campaigns in part due to importing over 8 million doses from the EU in February as well as seeing an uptick in domestic production of vaccines.
- Johnson & Johnson's Covid-19 vaccine was cleared for emergency use, making it the third vaccine to be made broadly available in the U.S. Globally, the number of global vaccine dose administrations climbed from 100 to over 257 million. At the current pace of around 8.2 million doses per day, it would take approximately 3.7 years to cover 75% of the global population.
- The Biden Administration is conducting a review of U.S. trade policy toward China. President Biden's team has said it will use "all available tools" to fight China's trade practices, which it views as unfair.

GLOBAL SOVEREIGN 10-YEAR YIELDS

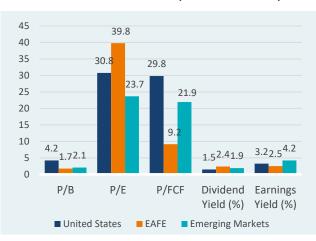


U.S. DOLLAR MAJOR CURRENCY INDEX

Source: Federal Reserve, as of 2/28/21



MSCI VALUATION METRICS (3-MONTH AVG)



Source: Bloomberg, as of 2/28/21

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Source: Bloomberg, as of 2/28/21

Verus⁷⁷

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Commodities

- The Bloomberg Commodity Index gained +6.5% over the month. All the major components of the commodities basket saw a positive return except for precious metals which slid -5.5% lower. The largest contributions to returns for the index came from the energy (+15.4%) and industrial metals (+10.1%) sectors.
- Spot lumber prices continued to soar and are now up 257.5% from the lows seen during the trough of the pandemic. Lumber price inflation has been supported by a very strong U.S. housing market, which has been underpinned by historically low mortgage rates.
- The Bloomberg Energy Sub-Index continued its bull run and was up 15.4% over the month of February. The decision from OPEC+ to keep production relatively steady, along with an optimism for a recovery in oil demand surrounding the COVID-19 vaccine rollout, pushed the Brent crude oil futures curve into its most backwardated term structure since the beginning of the pandemic.
- Industrial metals (+10.1%) outperformed the overall commodities index, supported by a rising tide of wagers on a robust global economic recovery, and on a potentially massive U.S. infrastructure spending bill later in the year.

INDEX AND SECTOR PERFORMANCE

| | Month | QTD | YTD | 1 Year | 3 Year | 5 Year | 10 Year |
|-----------------------------|-------|-------|-------|--------|--------|--------|---------|
| Bloomberg Commodity | 6.5 | 9.3 | 9.3 | 20.3 | 0.3 | 3.5 | (5.9) |
| Bloomberg Agriculture | 3.8 | 8.7 | 8.7 | 35.9 | 2.7 | 1.6 | (5.3) |
| Bloomberg Energy | 15.4 | 21.7 | 21.7 | (7.5) | (11.2) | (2.1) | (13.8) |
| Bloomberg Grains | 0.7 | 8.3 | 8.3 | 38.5 | 3.3 | 0.6 | (5.0) |
| Bloomberg Industrial Metals | 10.1 | 10.2 | 10.2 | 41.9 | 4.0 | 10.9 | (3.0) |
| Bloomberg Livestock | 3.3 | 4.8 | 4.8 | (3.4) | (8.5) | (6.2) | (4.9) |
| Bloomberg Petroleum | 17.5 | 25.9 | 25.9 | 0.2 | (6.3) | 3.6 | (9.5) |
| Bloomberg Precious Metals | (5.5) | (7.0) | (7.0) | 16.5 | 9.5 | 6.8 | (0.1) |
| Bloomberg Softs | 9.2 | 9.4 | 9.4 | 18.5 | (1.1) | (0.9) | (9.8) |



Source: Bloomberg, as of 2/28/21

COMMODITY PERFORMANCE

Source: Morningstar, as of 2/28/21





Periodic table of returns

Small Cap Value

| | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | YTD | 5-Year | 10-Year |
|-------------------------|------|-------|-------|----------|-------|------|------|------|--------|---------|----------|---------------------------------------|-------|------|--------|---------|---------|------|------|-------|------|------|------|--------|---------|
| Small Cap Value | 66.4 | 31.8 | 14.0 | 25.9 | 56.3 | 26.0 | 34.5 | 32.6 | 39.8 | 5.2 | 79.0 | 29.1 | 14.3 | 18.6 | 43.3 | 13.5 | 13.3 | 31.7 | 37.3 | 6.7 | 36.4 | 38.5 | 15.2 | 22.2 | 16.4 |
| Small Cap Equity | 43.1 | 22.8 | 8.4 | 10.3 | 48.5 | 22.2 | 21.4 | 26.9 | 16.2 | 1.4 | 37.2 | 26.9 | 7.8 | 18.1 | 38.8 | 13.2 | 5.7 | 21.3 | 30.2 | 1.9 | 31.4 | 34.6 | 11.6 | 21.1 | 13.8 |
| Commodities | 33.2 | 12.2 | 7.3 | 6.7 | 47.3 | 20.7 | 20.1 | 23.5 | 15.8 | -6.5 | 34.5 | 24.5 | 2.6 | 17.9 | 34.5 | 13.0 | 0.9 | 17.3 | 25.0 | 0.0 | 28.5 | 21.0 | 9.3 | 17.9 | 13.6 |
| Small Cap Growth | 27.3 | 11.6 | 3.3 | 1.6 | 46.0 | 18.3 | 14.0 | 22.2 | 11.8 | -21.4 | 32.5 | 19.2 | 1.5 | 17.5 | 33.5 | 11.8 | 0.6 | 12.1 | 22.2 | -1.5 | 26.5 | 20.0 | 8.3 | 17.4 | 11.9 |
| Large Cap Value | 26.5 | 7.0 | 2.8 | 1.0 | 39.2 | 16.5 | 7.5 | 18.4 | 11.6 | -25.9 | 28.4 | 16.8 | 0.4 | 16.4 | 33.1 | 6.0 | 0.0 | 11.8 | 21.7 | -3.5 | 25.5 | 18.3 | 5.1 | 15.2 | 10.4 |
| Emerging Markets Equity | 21.3 | 4.1 | -2.4 | -6.0 | 29.9 | 14.3 | 6.3 | 15.5 | 10.3 | -33.8 | 23.3 | 16.1 | -2.1 | 15.3 | 23.3 | 4.9 | -0.8 | 11.2 | 14.6 | -6.0 | 22.4 | 14.0 | 3.9 | 14.2 | 9.7 |
| Large Cap Equity | 24.3 | 6.0 | 2.5 | -5.9 | 30.0 | 14.5 | 7.1 | 16.6 | 10.9 | -28.9 | 27.2 | 16.7 | 0.1 | 16.3 | 32.5 | 5.6 | -0.4 | 11.3 | 17.1 | -4.8 | 22.0 | 10.3 | 2.1 | 12.0 | 9.0 |
| Hedge Funds of Funds | 20.9 | -3.0 | -5.6 | -11.4 | 29.7 | 12.9 | 5.3 | 15.1 | 7.0 | -35.6 | 20.6 | 15.5 | -2.9 | 14.6 | 12.1 | 4.2 | -1.4 | 8.0 | 13.7 | -8.3 | 18.6 | 7.8 | 1.5 | 10.2 | 6.5 |
| International Equity | 13.2 | -7.3 | -9.1 | -15.5 | 25.2 | 11.4 | 4.7 | 13.3 | 7.0 | -36.8 | 19.7 | 13.1 | -4.2 | 11.5 | 11.0 | 3.4 | -2.5 | 7.1 | 7.8 | -9.3 | 18.4 | 7.5 | 1.2 | 9.7 | 5.0 |
| 60/40 Global Portfolio | 11.4 | -7.8 | -9.2 | -15.7 | 23.9 | 9.1 | 4.6 | 10.4 | 5.8 | -37.6 | 18.9 | 10.2 | -5.5 | 10.5 | 9.0 | 2.8 | -3.8 | 5.7 | 7.7 | -11.0 | 8.7 | 4.6 | 0.2 | 5.9 | 4.4 |
| Cash | 7.3 | -14.0 | -12.4 | -20.5 | 11.6 | 6.9 | 4.6 | 9.1 | 4.4 | -38.4 | 11.5 | 8.2 | -5.7 | 4.8 | 0.1 | 0.0 | -4.4 | 2.6 | 7.0 | -11.2 | 7.8 | 2.8 | 0.0 | 5.7 | 3.6 |
| Real Estate | 4.8 | -22.4 | -19.5 | -21.7 | 9.0 | 6.3 | 4.2 | 4.8 | -0.2 | -38.5 | 5.9 | 6.5 | -11.7 | 4.2 | -2.0 | -1.8 | -7.5 | 1.0 | 3.5 | -12.9 | 7.7 | 0.5 | 0.0 | 3.6 | 3.4 |
| Large Cap Growth | -0.8 | -22.4 | -20.4 | -27.9 | 4.1 | 4.3 | 3.2 | 4.3 | -1.6 | -43.1 | 0.2 | 5.7 | -13.3 | 0.1 | -2.3 | -4.5 | -14.9 | 0.5 | 1.7 | -13.8 | 6.4 | 0.5 | -0.8 | 3.5 | 0.6 |
| US Bonds | -1.5 | -30.6 | -21.2 | -30.3 | 1.0 | 1.4 | 2.4 | 2.1 | -9.8 | -53.2 | -16.9 | 0.1 | -18.2 | -1.1 | -9.5 | -17.0 | -24.7 | 0.3 | 0.9 | -14.6 | 2.1 | -3.1 | -2.2 | 1.1 | -5.9 |
| | | | Large | e Cap Eq | uity | | | | Small | Cap Gr | owth | | | | Comm | odities | | | | | | | | | |
| | | | Large | e Cap Va | ماليە | | | | Interr | nationa | l Fauity | , | | | Real E | state | | | | | | | | | |
| | | | | | | | | | | | | | | | | | _ | | | | | | | | |
| | | | Large | e Cap Gi | owth | | | | Emer | ging Ma | rkets E | quity | | | Hedge | Funds | ofFunds | 5 | | | | | | | |
| | | | Smal | l Cap Eq | uity | | | | US Bo | nds | | 60% MSCI ACWI/40% BBgBarc Global Bond | | | | | | | | | | | | | |

Source Data: Morningstar, Inc., Hedge Fund Research, Inc. (HFR), National Council of Real Estate Investment Fiduciaries (NCREIF). Indices used: Russell 1000, Russell 1000 Value, Russell 1000 Growth, Russell 2000, Russell 2000 Value, Russell 2000 Growth, MSCI EAFE, MSCI EM, BBgBarc US Aggregate, T-Bill 90 Day, Bloomberg Commodity, NCREIF Property, HFRI FOF, MSCI ACWI, BBgBarc Global Bond. NCREIF Property Index performance data as of 12/31/20.

Cash

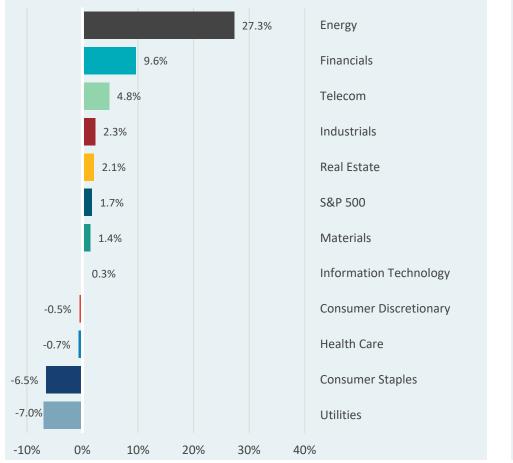


BEST

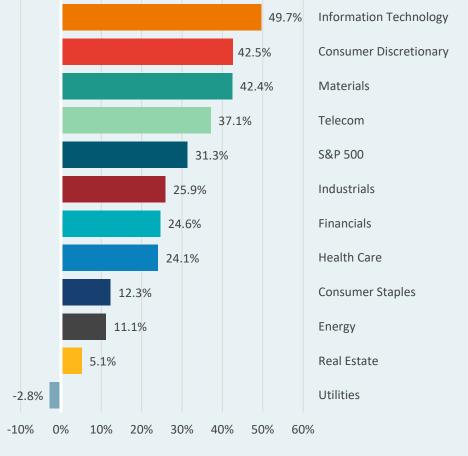
WORST

S&P 500 sector returns

QTD







Source: Morningstar, as of 2/28/21

Source: Morningstar, as of 2/28/21

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Detailed index returns

| DOMESTIC EQUITY | | | | | | | |
|------------------------|-------|-------|-------|--------|--------|--------|---------|
| | Month | QTD | YTD | 1 Year | 3 Year | 5 Year | 10 Year |
| Core Index | | | | | | | |
| S&P 500 | 2.8 | 1.7 | 1.7 | 31.3 | 14.1 | 16.8 | 13.4 |
| S&P 500 Equal Weighted | 6.1 | 5.2 | 5.2 | 32.9 | 12.4 | 15.2 | 12.5 |
| DJ Industrial Average | 3.4 | 1.4 | 1.4 | 24.4 | 9.8 | 16.1 | 12.5 |
| Russell Top 200 | 1.9 | 0.9 | 0.9 | 33.6 | 15.5 | 17.9 | 14.1 |
| Russell 1000 | 2.9 | 2.1 | 2.1 | 34.3 | 15.0 | 17.4 | 13.6 |
| Russell 2000 | 6.2 | 11.6 | 11.6 | 51.0 | 14.9 | 17.9 | 11.9 |
| Russell 3000 | 3.1 | 2.7 | 2.7 | 35.3 | 15.0 | 17.4 | 13.4 |
| Russell Mid Cap | 5.6 | 5.3 | 5.3 | 36.1 | 13.7 | 15.9 | 12.3 |
| Style Index | | | | | | | |
| Russell 1000 Growth | (0.0) | (0.8) | (0.8) | 44.3 | 21.0 | 22.2 | 16.4 |
| Russell 1000 Value | 6.0 | 5.1 | 5.1 | 22.2 | 8.2 | 12.0 | 10.4 |
| Russell 2000 Growth | 3.3 | 8.3 | 8.3 | 58.9 | 18.9 | 21.1 | 13.8 |
| Russell 2000 Value | 9.4 | 15.2 | 15.2 | 41.1 | 10.1 | 14.2 | 9.7 |
| INTERNATIONAL EQUITY | | | | | | | |
| Broad Index | | | | | | | |
| MSCI ACWI | 2.3 | 1.9 | 1.9 | 30.2 | 10.3 | 14.2 | 8.8 |
| MSCI ACWI ex US | 2.0 | 2.2 | 2.2 | 26.2 | 5.4 | 11.2 | 4.8 |
| MSCI EAFE | 2.2 | 1.2 | 1.2 | 22.5 | 4.6 | 9.7 | 5.0 |
| MSCI EM | 0.8 | 3.9 | 3.9 | 36.0 | 6.4 | 15.2 | 4.4 |
| MSCI EAFE Small Cap | 2.6 | 2.3 | 2.3 | 31.2 | 5.2 | 11.7 | 7.8 |
| Style Index | | | | | | | |
| MSCI EAFE Growth | (0.3) | (1.7) | (1.7) | 28.0 | 9.0 | 12.0 | 7.0 |
| MSCI EAFE Value | 4.8 | 3.9 | 3.9 | 16.0 | (0.1) | 7.2 | 3.0 |
| Regional Index | | | | | | | |
| MSCI UK | 3.6 | 3.3 | 3.3 | 9.2 | (0.1) | 4.7 | 2.7 |
| MSCI Japan | 1.5 | 0.5 | 0.5 | 28.4 | 5.2 | 11.3 | 6.1 |
| MSCI Europe | 2.4 | 1.7 | 1.0 | 20.3 | 4.2 | 8.8 | 4.7 |
| MSCI EM Asia | 0.9 | 5.3 | 5.3 | 45.7 | 10.1 | 17.7 | 7.7 |
| | | | | | | | |

(9.5)

(9.5)

(6.0)

(7.8)

7.0

(4.2)

(3.0)

| FIXED INCOME | | | | | | | |
|-----------------------------|-------|-------|-------|--------|--------|--------|---------|
| | Month | QTD | YTD | 1 Year | 3 Year | 5 Year | 10 Year |
| Broad Index | | | | | | | |
| BBgBarc US TIPS | (1.6) | (1.3) | (1.3) | 5.8 | 6.1 | 4.3 | 3.6 |
| BBgBarc US Treasury Bills | 0.0 | 0.0 | 0.0 | 0.4 | 1.6 | 1.2 | 0.7 |
| BBgBarc US Agg Bond | (1.4) | (2.2) | (2.2) | 1.4 | 5.3 | 3.6 | 3.6 |
| Duration | | | | | | | |
| BBgBarc US Treasury 1-3 Yr | (0.1) | (0.0) | (0.0) | 1.7 | 2.9 | 1.8 | 1.3 |
| BBgBarc US Treasury Long | (5.6) | (9.0) | (9.0) | (6.0) | 8.8 | 4.2 | 6.9 |
| BBgBarc US Treasury | (1.8) | (2.8) | (2.8) | (0.1) | 5.0 | 2.6 | 3.1 |
| Issuer | | | | | | | |
| BBgBarc US MBS | (0.7) | (0.6) | (0.6) | 1.5 | 4.1 | 2.6 | 2.9 |
| BBgBarc US Corp. High Yield | 0.4 | 0.7 | 0.7 | 9.4 | 6.6 | 9.0 | 6.5 |
| BBgBarc US Agency Interm | (0.6) | (0.6) | (0.6) | 1.5 | 3.4 | 2.1 | 2.0 |
| BBgBarc US Credit | (1.7) | (2.9) | (2.9) | 2.4 | 6.6 | 5.5 | 5.0 |
| OTHER Index | | | | | | | |
| Bloomberg Commodity | 6.5 | 9.3 | 9.3 | 20.3 | 0.3 | 3.5 | (5.9) |
| Wilshire US REIT | 3.3 | 3.8 | 3.8 | 2.9 | 8.8 | 5.7 | 12.7 |
| CS Leveraged Loans | 0.7 | 1.9 | 1.9 | 5.7 | 4.2 | 4.6 | 5.0 |
| Alerian MLP | 7.8 | 14.1 | 14.1 | (3.3) | (8.4) | (1.8) | (1.5) |
| Regional Index | | | | | | | |
| JPM EMBI Global Div | (2.6) | (3.6) | (3.6) | 0.9 | 4.5 | 5.9 | 5.9 |
| JPM GBI-EM Global Div | (2.7) | (3.7) | (3.7) | 3.7 | 0.6 | 5.5 | 1.1 |
| Hedge Funds | | | | | | | |
| HFRI Composite | 4.1 | 5.0 | 5.0 | 20.6 | 7.1 | 7.7 | 4.5 |
| HFRI FOF Composite | 2.6 | 1.5 | 1.5 | 13.9 | 5.1 | 5.7 | 3.4 |
| Currency (Spot) | | | | | | | |
| Euro | (0.1) | (0.8) | (0.8) | 10.5 | (0.2) | 2.2 | (1.3) |
| Pound Sterling | 1.8 | 2.3 | 2.3 | 9.5 | 0.5 | 0.1 | (1.5) |
| Yen | (1.7) | (3.1) | (3.1) | 1.2 | 0.1 | 1.2 | (2.6) |
| | | | | | | | |

FIVED INCOME

Source: Morningstar, HFRI, as of 2/28/21



MSCI EM Latin American

Detailed private market returns

Comparison to public market index returns

| Private Equity Pooled IRRs | 1 Year | 3 Year | 5 Year | 10 Year |
|--|--------|--------|--------|---------|
| Global Private Equity FoFs & Secondary Funds | 12.3 | 12.2 | 10.4 | 11.9 |
| Global Private Equity Direct Funds * | 20.4 | 16.2 | 14.8 | 14.6 |
| U.S. Private Equity Direct Funds * | 21.0 | 17.6 | 15.0 | 16.0 |
| Europe Private Equity Direct Funds * | 18.6 | 14.2 | 16.3 | 12.7 |
| Asia Private Equity Direct Funds * | 19.9 | 14.3 | 13.8 | 13.3 |
| Public Index Time-weighted Returns | | | | |
| MSCI World | 10.4 | 7.7 | 10.5 | 9.4 |
| S&P 500 | 15.1 | 12.3 | 14.1 | 13.7 |
| MSCI Europe | (0.8) | (0.6) | 4.2 | 4.3 |
| MSCI AC Asia Pacific | 11.2 | 4.3 | 9.1 | 5.6 |
| | | | | |

| Private Real Estate Pooled IRRs | 1 Year | 3 Year | 5 Year | 10 Year |
|------------------------------------|--------|--------|--------|---------|
| U.S. All Private Real Estate | 0.5 | 6.6 | 7.9 | 12.2 |
| Public Index Time-weighted Returns | | | | |
| FTSE NAREIT Equity REIT | (18.2) | 0.2 | 3.9 | 7.9 |

| Private Credit Pooled IRRs | 1 Year | 3 Year | 5 Year | 10 Year | | | | |
|--|--------|--------|--------|---------|--|--|--|--|
| U.S. All Private Debt ** | 3.7 | 6.4 | 8.2 | 10.2 | | | | |
| Public Index Time-weighted Returns | | | | | | | | |
| S&P / LSTA U.S. Leveraged Loan 100 Index | 1.7 | 3.4 | 4.1 | 4.1 | | | | |

| Private Real Assets Pooled IRRs | 1 Year | 3 Year | 5 Year | 10 Year |
|------------------------------------|--------|--------|--------|---------|
| Global Nature Resources *** | (20.2) | (7.5) | (2.8) | (0.0) |
| Global Infrastructure | 6.6 | 8.5 | 10.7 | 9.6 |
| Public Index Time-weighted Returns | | | | |
| S&P Global Natural Resources | (9.5) | (2.8) | 6.7 | 0.2 |
| S&P Global Infrastructure | (13.9) | (1.4) | 4.5 | 5.5 |

Source: Pooled IRRs are from Thompson Reuters C/A and Time-weighted Returns are from Investment Metrics, as of September 30th, 2020. All returns in U.S. dollars.

* Includes Buyout, Growth Equity and Venture Capital.

** Includes Control-Oriented Distressed, Credit Opportunities, Senior Debt and Subordinated Capital.

*** Includes Private Equity Energy, Timber and Upstream Energy & Royalties.



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