Quarterly Considerations

June 30, 2019

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QUARTERLY CONSIDERATIONS

CORPORATE PLANS

Two Different Stories – The average 401(k) account balance is \$92,148, but a more accurate representation of how much workers have saved is the median amount of \$22,217, according to Vanguard. For s a plan sponsor, boosting auto enrollment and escalation programs may help with retirement readiness.

Not So Fast – In the *Thole v. U.S. Bank* case, the U.S. Supreme Court will address whether defined benefit (DB) plan participants can sue for fiduciary breaches (such as a prohibited transaction) even if a plan is overfunded and participants did not experience a monetary loss. We will share updates as the case progresses.

NONPROFITS

Endowment Tax – The Federal Reserve (Fed) released rules on July 1st defining how private schools will determine how much they will owe on their investments under the new 1.4 percent excise tax. The tax impacts approximately 25 to 40 private schools with at least 500 tuition-paying students and endowments of at least \$500,000 per student.

RETIREMENT AND INVESTING

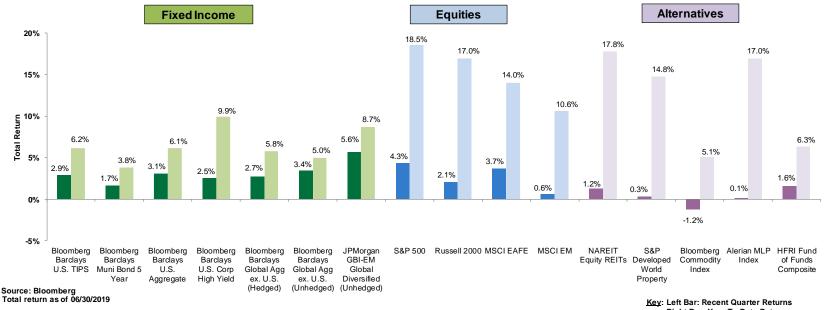
Social Security Confusion – Recent studies claim that nearly all American retirees claim Social Security at the wrong time. Collectively, this translates to missing out on \$3.4 trillion in benefits before death. We can help you evaluate your different Social Security claiming options and choose the optimal strategy for you in the context of your overall financial picture.

Fed Watch – While the Federal Open Market Committee (FOMC) did not elect to change rates at its June meeting, various Fed officials have indicated that rate cuts are warranted given potential risks to global growth and inflation that has continued to run below its desired target. Currently, futures are pricing in a greater than 90% chance of a 0.25 percentage point rate cut and nearly a 75% chance that the federal funds rate will be lower by 0.50 to 0.75 percentage points by year-end. C.W. O'Conner Wealth Advisors, Inc. is here to help you understand the potential short-term impacts of a rate cut amid the perspective of longer-term investment objectives, risk tolerance, and time horizon.

Investing for Change – Have you considered aligning your investment portfolio with your values? In 2018, according to the US SIF Foundation, more than 25% of investments under professional management in the U.S. were following socially responsible investing. Our advisors can help you navigate the current environmental, social, and governance investment options and explain how you could achieve a measurable positive impact with your portfolio.



MARKET SNAPSHOT



Fixed Income

- Fixed income markets finished the quarter higher, led by emerging markets debt, which benefited from central banks broadly signaling a willingness to adopt more accommodative monetary policies and the U.S. dollar depreciating relative to most emerging markets currencies.
- Credit and longer-dated bonds outperformed for the quarter. The Fed took an increasingly dovish stance at its June meeting, raising market expectations for a rate cut in 2019.

Equities

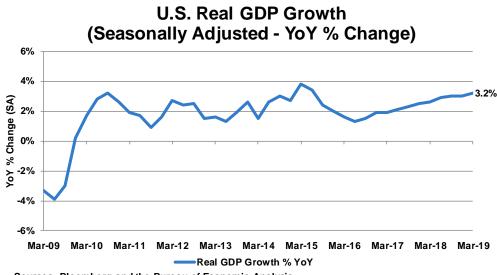
- Equity markets built on their first quarter performance and continued to generate strong returns during the quarter. Domestically, growth stocks outperformed value stocks and large cap outperformed both mid- and small cap stocks.
- International developed equities posted strong returns for the quarter but still lagged domestic equities. Emerging markets increased marginally during the quarter led by Argentinian and Russian equities while Chinese stocks widely underperformed.

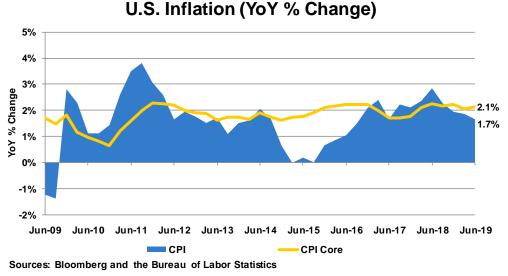
Right Bar: Year-To-Date Returns **Real Assets**

- Real assets posted relatively flat returns for the quarter following their strong performance last quarter. REITs increased slightly while midstream energy remained relatively unchanged and commodities declined marginally during the quarter.
- Domestic REITs outperformed international, led by strong performance in the healthcare and residential sectors.
- Hedge funds generated positive returns but underperformed equities and fixed income while outperforming real assets.

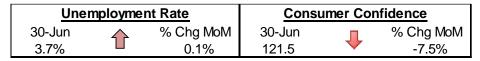


U.S. ECONOMIC UPDATE





Sources: Bloomberg and the Bureau of Economic Analysis



Lead	ding Indie	cators	Consumer Spending				
31-May	-	% Chg MoM	31-May		% Chg MoM		
111.8		0.0%	\$14.5T		0.4%		

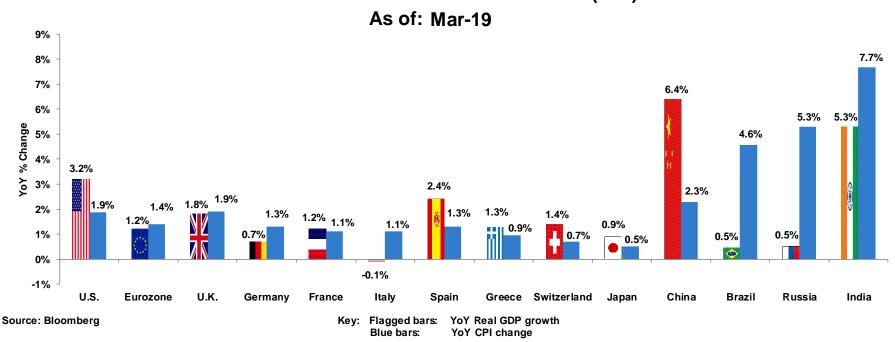
<u>Ho</u>	ousing S	tarts	U.S. Personal Income				
31-May 1.27M			31-May \$18.2T				
ISM M	anufactu	ring PMI	Retail Sales				
30-Jun 51.7	Ţ	% Chg MoM -0.8%	30-Jun \$520B		% Chg MoM 0.4%		

• First quarter real Gross Domestic Product (real GDP) increased at an annual rate of 3.1% on a quarter-over-quarter, seasonally adjusted (QoQ, SA) basis, according to the Bureau of Economic Analysis, an increase from the 2.2% growth rate realized in the fourth quarter.

- The FOMC voted at its June meeting to maintain the target Federal Funds rate between 2.25 and 2.50%. The Fed signaled its intention to leave rates unchanged in 2019 and cut rates next year. However, eight FOMC members currently favor a rate cut this year and bond markets expect at least one rate cut this year.
- The Core Consumer Price Index (CPI) rose 2.00% on a year-over-year, seasonally adjusted (YoY, SA) basis in May while Core PCE, the Fed's preferred measure of inflation, increased 1.60% (YoY, SA), falling short of the Fed's 2.00% target. At the Fed's June meeting, Fed officials' median forecast for 2019 Core Inflation declined to 1.80%.

Source: Bloomberg

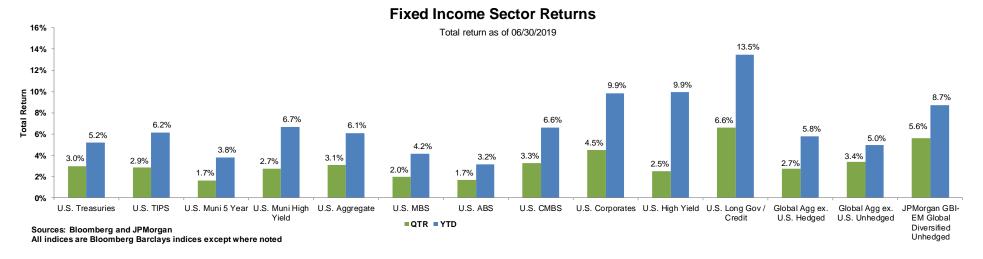
GLOBAL ECONOMIC UPDATE



Global Real GDP & Inflation Rates (YoY)

- China's official Manufacturing Purchasing Managers' Index (PMI) remained unchanged from February at 49.4. The unofficial Caixin/Markit Manufacturing PMI, a private survey focused more on small-and medium-sized businesses, declined to 49.4 in June from 50.2 in May, indicating a contraction in the manufacturing sector. The U.S. and China agreed to resume trade negotiations but uncertainty remains over the timing and scope of any potential trade deal.
- First quarter real GDP increased at a 1.6% annualized rate (QoQ, SA) in the Euro Area, but continued uncertainty over trade policy and reduced global demand have clouded the economic outlook. Signs of a weakening economy surfaced in the Euro Area's largest economy as German manufacturing orders declined 2.2% on a month-over-month, seasonally adjusted basis (MoM, SA) in May while exports only grew 1.1% (MoM, SA) after contracting 3.7% (MoM, SA) in April.
- The European Central Bank (ECB) lowered its forecasts for real GDP growth in 2020 and 2021 to 1.4 and 1.5%, respectively, at its June
 meeting while also reducing its 2020 inflation forecast to 1.4%. The ECB maintained its main refinancing operations and deposit facility
 rates at zero and -0.4% and expects to leave rates unchanged until mid-2020. The ECB also signaled a willingness to provide
 additional monetary stimulus to support the economy.

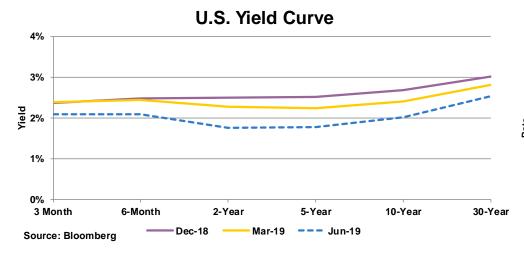
GLOBAL FIXED INCOME

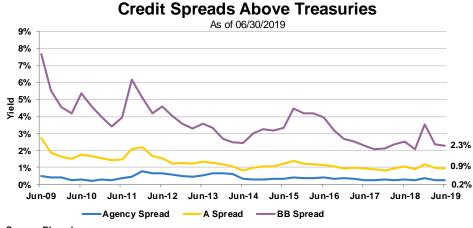


Currency Returns vs. U.S. Dollar Total return as of 06/30/2019 5% 4.0% 4% 2.7% 3% 2.2% Total Return %0 %0% 1.9% 1.9% 1.7% 1.4% 1.1% 0.6% 0.2% -0.4% -1% -0.5% -0.8% -1.1% -2% -2.3% -3% -2.7% British Euro Japanese Mexican Chinese Canadian Swiss Australian Yen Pound Peso Yuan Dollar Franc Dollar QTD YTD Sources: Bloomberg and JPMorgan All indices are Bloomberg Barclays indices except where noted

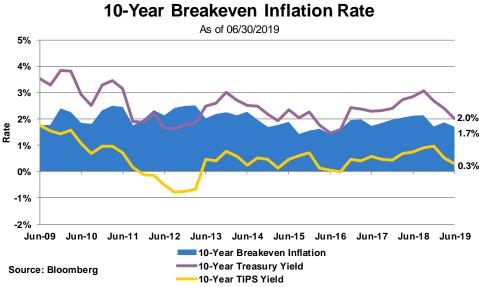
- Fixed income indexes across global markets were positive during the quarter. Interest rates domestically continued to move downward with the 10-year U.S. Treasury closing the quarter at 2.01%.
- Despite underperforming investment grade assets during the quarter, risk assets rallied in June after a steep May pullback to continue rallying year-todate.
- The dollar fell against several emerging economy currencies following signaling from the FOMC of a possible rate cut. The result was a substantial rally in emerging markets' debt denominated in local currencies.

U.S. FIXED INCOME



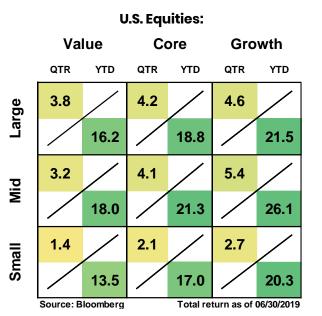




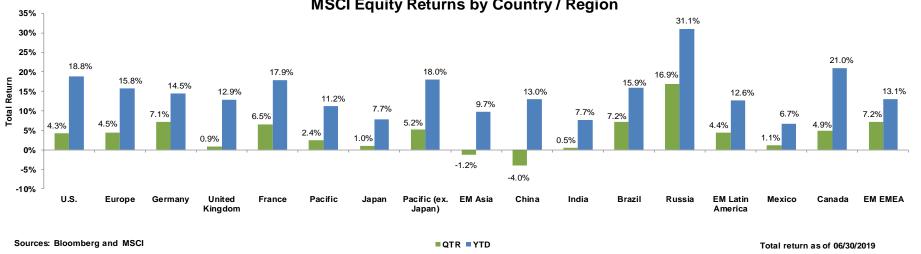


- The yield curve remained inverted across the majority of maturities. The spread between three-month Treasury Bills and 10-year Treasury bonds finished the quarter at -8 basis points.
- Investment-grade and below investment-grade credit outperformed during the quarter as high yield spreads continued to compress despite a steep pull back in May.
- TIPS performed relatively in line with U.S. Treasuries despite the Fed referencing decreasing forward-looking inflation expectations. Breakeven inflation rates closed the quarter at 1.70%.

GLOBAL EQUITY MARKETS

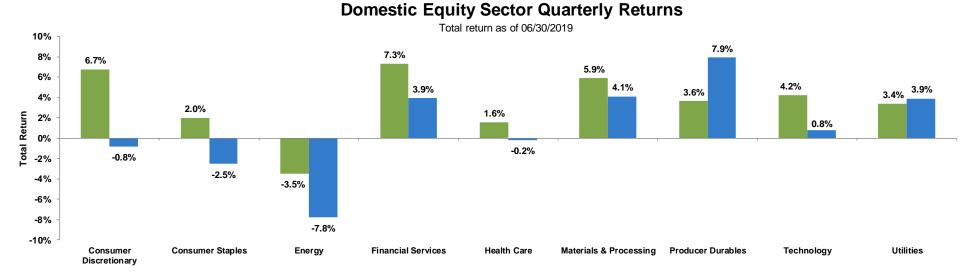


- Within U.S. equities, the financial services and consumer discretionary sectors were the top performers. Growth stocks broadly outperformed value stocks while large cap stocks outperformed mid cap stocks across all investment styles, with the exception of growth. Small cap stocks underperformed across the entire market capitalization spectrum. Energy and healthcare were the worst performing sectors.
- International equities rose but were unable to keep pace with domestic stocks. German and French equities generated the strongest returns in developed markets while stocks in the U.K. and Japan underperformed.
- Russian equities substantially outperformed, and the relative outperformance was strongest within emerging markets. China underperformed in emerging markets as concerns over its economic growth persist and the trade dispute with the U.S. remains unresolved and continues to weigh on economic growth.



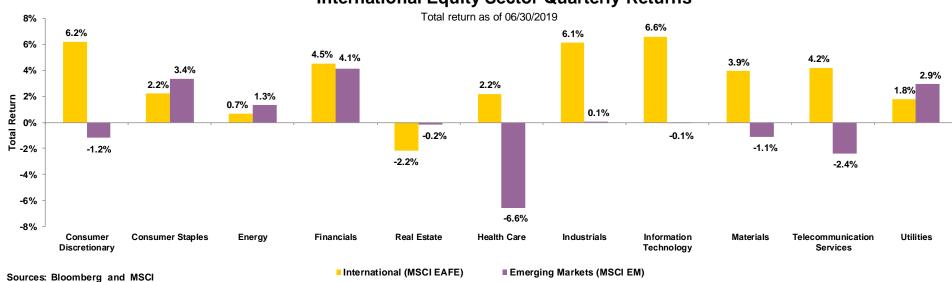
MSCI Equity Returns by Country / Region

QUARTERLY EQUITY SECTOR RETURNS



Sources: Bloomberg and Russell

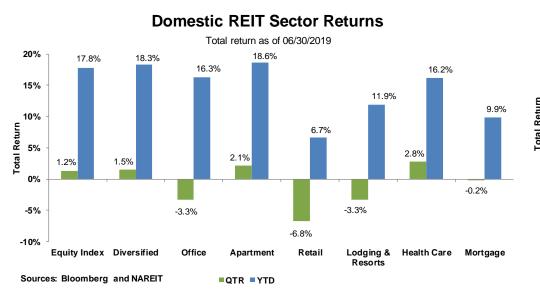
Domestic Large Cap (Russell 1000) Domestic Small Cap (Russell 2000)

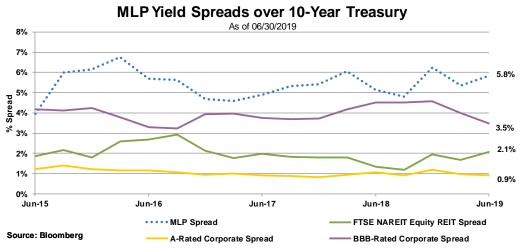


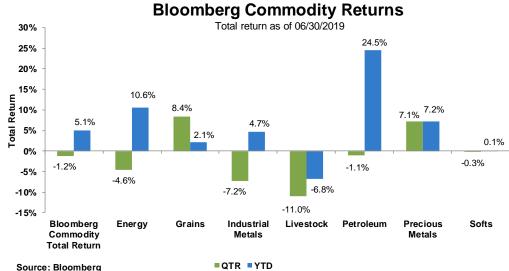
International Equity Sector Quarterly Returns



REAL ASSETS

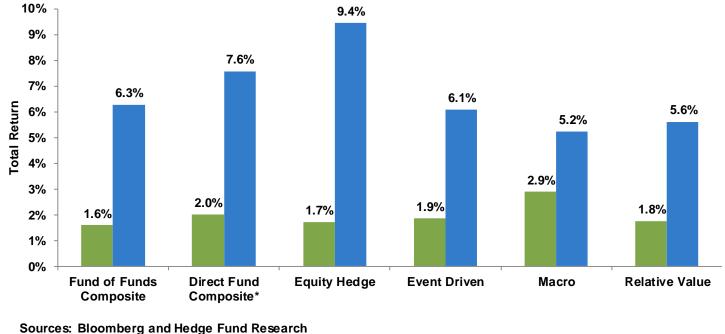






- Real assets were largely unchanged during the second quarter following strong first quarter performance in all categories amid a heightened geopolitical environment.
- REITs moved slightly higher as economic growth remained stable. Healthcare and apartment REITs were among the best performing property types while retail, office, and hotel all underperformed.
- The Alerian MLP Index was flat during the second quarter. The midstream space saw its first IPO since November 2017, as Rattler Midstream Partners (RTLR) started trading in May.
- Commodities fell slightly as natural gas prices declined over 16% during the quarter despite oil prices remaining stable. Grains rose as expectations for corn production declined.

HEDGE FUNDS



*Methodology is fund weighted

Total return as of 06/30/2019

- The HFRI Fund Weighted Composite Index was positive during the second quarter, slightly underperforming most fixed income and equity indices but outperforming real assets.
- Equity Hedge strategies underperformed the broader hedge fund universe with strong returns concentrated in valueoriented strategies and negative returns in market neutral strategies.
- Event Driven strategies were in line with the broader hedge fund universe, with special situation and activist managers leading the group and multi-strategy funds trailing the benchmark.
- Unlike the first quarter, Macro strategies were the strongest performer amongst the broader hedge fund universe as discretionary and multi-strategy managers posted strong returns while commodity managers faltered.
- While Relative Value modestly underperformed the broader hedge fund universe, fixed income corporate managers performed well within the space.



Financial Markets Performance

Total return as of June 30, 2019

Periods greater than one year are annualized

All returns are in U.S. dollar terms

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Global Fixed Income Markets	<u>QTR</u>	<u>YTD</u>	<u>1YR</u>	<u>3YR</u>	<u>5YR</u>	<u>7YR</u>	<u>10YR</u>	<u>15</u> YF
Bloomberg Barclays 1-3-Month T-Bill	0.6%	1.2%	2.3%	1.3%	0.8%	0.6%	0.5%	1.3%
Bloomberg Barclays U.S. TIPS	2.9%	6.2%	4.8%	2.1%	1.8%	1.2%	3.6%	4.1%
Bloomberg Barclays Municipal Bond (5 Year)	1.7%	3.8%	5.2% 7.8%	2.0% 5.3%	2.3% 6.4%	2.3%	3.2%	3.6%
Bloomberg Barclays High Yield Municipal Bond	2.7%	6.7%				5.9%	8.1%	6.1%
Bloomberg Barclays U.S. Aggregate	3.1%	6.1%	7.9%	2.3%	2.9%	2.6%	3.9%	4.3%
Bloomberg Barclays U.S. Corporate High Yield	2.5%	9.9%	7.5%	7.5%	4.7%	6.4%	9.2%	7.6%
Bloomberg Barclays Global Aggregate ex-U.S. Hedged	2.7%	5.8%	7.6%	3.3%	4.4%	4.4%	4.4%	4.6%
Bloomberg Barclays Global Aggregate ex-U.S. Unhedged	3.4%	5.0%	4.1%	1.0%	-0.1%	0.7%	2.1%	3.3%
Bloomberg Barclays U.S. Long Gov / Credit	6.6%	13.5%	13.8%	3.8%	5.7%	4.8%	7.6%	7.09
JPMorgan GBI-EM Global Diversified	5.6%	8.7%	9.0%	4.2%	-0.5%	0.4%	3.4%	6.4%
Global Equity Markets	<u>QTR</u>	<u>YTD</u>	<u>1YR</u>	<u>3YR</u>	<u>5YR</u>	<u>7YR</u>	<u>10YR</u>	<u>15Y</u> F
S&P 500	4.3%	18.5%	10.4%	14.2%	10.7%	14.0%	14.7%	8.7%
Dow Jones Industrial Average	3.2%	15.4%	12.2%	16.8%	12.3%	13.7%	15.0%	9.2%
NASDAQ Composite	3.9%	21.3%	7.8%	19.6%	14.1%	16.9%	17.3%	10.8%
Russell 3000	4.1%	18.7%	9.0%	14.0%	10.2%	13.8%	14.7%	8.99
Russell 1000	4.2%	18.8%	10.0%	14.1%	10.4%	14.0%	14.8%	8.9
Russell 1000 Growth	4.6%	21.5%	11.6%	18.1%	13.4%	15.8%	16.3%	9.9
Russell 1000 Value	3.8%	16.2%	8.5%	10.2%	7.4%	12.1%	13.2%	7.89
Russell Mid Cap	4.1%	21.3%	7.8%	12.1%	8.6%	13.4%	15.1%	9.89
Russell Mid Cap Growth	5.4%	26.1%	13.9%	16.5%	11.1%	14.8%	16.0%	10.29
Russell Mid Cap Value	3.2%	18.0%	3.7%	8.9%	6.7%	12.3%	14.5%	9.39
Russell 2000	2.1%	17.0%	-3.3%	12.3%	7.0%	11.6%	13.4%	8.19
Russell 2000 Growth	2.7%	20.3%	-0.5%	14.7%	8.6%	12.9%	14.4%	8.9
Russell 2000 Value	1.4%	13.5%	-6.3%	9.8%	5.4%	10.3%	12.4%	7.2
/ISCI ACWI	3.6%	16.2%	5.7%	11.6%	6.2%	9.9%	10.1%	7.0
MSCI ACWI ex. U.S.	3.0%	13.6%	1.3%	9.4%	2.2%	6.4%	6.5%	5.99
MSCI EAFE	3.7%	14.0%	1.1%	9.1%	2.2%	7.3%	6.9%	5.39
MSCI EAFE Growth	5.7%	18.5%	4.2%	9.7%	4.4%	8.5%	8.2%	6.29
MSCI EAFE Value	1.5%	9.6%	-2.1%	8.5%	0.1%	6.0%	5.5%	4.49
NSCI EAFE Small Cap	1.7%	12.5%	-6.3%	9.1%	4.4%	9.9%	9.7%	7.39
MSCI Emerging Markets	0.6%	10.6%	1.2%	10.7%	2.5%	4.2%	5.8%	8.79
Alternatives	<u>QTR</u>	<u>YTD</u>	<u>1YR</u>	<u>3YR</u>	<u>5YR</u>	<u>7YR</u>	<u>10YR</u>	<u>15Y</u> F
Consumer Price Index*	0.5%	1.0%	1.7%	2.1%	1.5%	1.6%	1.7%	2.0%
FTSE NAREIT Equity REITs	1.2%	17.8%	11.2%	4.2%	7.9%	8.9%	15.5%	9.0%
S&P Developed World Property x U.S.	-0.3%	12.7%	5.0%	7.1%	4.4%	8.3%	9.6%	7.59
S&P Developed World Property	0.3%	14.8%	7.8%	5.5%	5.9%	8.5%	11.8%	8.04
Bloomberg Commodity Total Return	-1.2%	5.1%	-6.8%	-2.2%	-9.1%	-6.7%	-3.7%	-2.6
HFRI Fund of Funds Composite	1.6%	6.3%	1.3%	4.3%	2.2%	3.7%	3.2%	3.0
HFRI Fund Weighted Composite	2.0%	7.6%	1.6%	5.1%	3.0%	4.5%	4.7%	4.89
Alerian MLP	0.1%	17.0%	3.1%	-0.4%	-7.2%	1.0%	8.2%	8.5%

*One-month lag

Source:

WHY DIVERSIFY?

2010	2011	2012	2013	2014	2015	2016	2017	2018	YTD	10yr Annualized
MLP	MLP	Emerging	Small Growth	REITs	Large Growth	Small Value	Emerging	Ca s h	Large Growth	Large Growth
35.9%	13.9%	18.2%	43.3%	30.1%	5.7%	31.7%	37.3%	1.9%	21.5%	16.3%
Small Growth	TIPS	REITs	Small Blend	Large Blend	REITs	Small Blend	Large Growth	Aggregate Bond	Small Growth	REITs
29.1%	13.6%	18.1%	38.8%	13.7%	3.2%	21.3%	30.2%	0.0%	20.4%	15.5%
REITs	REITs	Small Value	Small Value	Large Value	Large Blend	MLP	International	TIPS	Large Blend	Large Blend
28.0%	8.3%	18.1%	34.5%	13.5%	1.4%	18.3%	25.0%	-1.3%	18.5%	14.7%
Small Blend	Aggregate Bond	Large Value	Large Growth	Large Growth	Aggregate Bond	Large Value	Small Growth	Large Growth	REITs	Small Growth
26.9%	7.8%	17.5%	33.5%	13.0%	0.5%	17.3%	22.2%	-1.5%	17.8%	14.4%
Small Value	High Yield	International	Large Value	Aggregate Bond	Cash	High Yield	Large Blend	High Yield	Small Blend	Small Blend
24.5%	5.0%	17.3%	32.5%	6.0%	0.0%	17.1%	21.8%	-2.1%	17.0%	13.4%
Emerging	Foreign Bond	Emerging Debt	Large Blend	Small Growth	Hedge Funds	Large Blend	Emerging Debt	Foreign Bond	MLP	Large Value
18.9%	4.4%	16.8%	32.4%	5.6%	-0.3%	12.0%	15.2%	-2.1%	17.0%	13.2%
Large Growth	Large Growth	Small Blend	MLP	Small Blend	International	Small Growth	Small Blend	Hedge Funds	Large Value	Small Value
16.7%	2.6%	16.3%	27.6%	4.9%	-0.8%	11.3%	14.6%	-4.0%	16.2%	12.4%
Emerging Debt	Large Blend	Large Blend	International	MLP	Small Growth	Emerging	Large Value	Large Blend	International	High Yield
15.7%	2.1%	16.0%	22.8%	4.8%	-1.4%	11.2%	13.7%	-4.4%	14.0%	9.2%
Large Value	Balanced	High Yield	Hedge Funds	Small Value	TIPS	Emerging Debt	Balanced	REITs	Small Value	MLP
15.5%	0.9%	15.8%	9.0%	4.2%	-1.4%	9.9%	<u>12.4%</u>	-4.6%	13.5%	8.2%
High Yield	Large Value	Large Growth	High Yield	TIPS	Large Value	REITs	Foreign Bond	Balanced	Balanced	Balanced
15.1%	0.4%	15.3%	7.4%	3.6%	-3.8%	8.5%	10.5%	-5.3%	<u>11.5%</u>	7.0%
Large Blend	Cash	Small Growth	Balanced	Hedge Funds	Small Blend	Balanced	Small Value	Emerging Debt	Emerging	International
15.1%	0.1%	14.6%	7.0%	3.4%	-4.4%	8.2%	7.8%	-6.2%	10.6%	6.9%
<u>Balanced</u>	Emerging Debt	Balanced	REITs	Balanced	High Yield	Large Growth	Hedge Funds	Large Value	High Yield	Emerging
<u>13.8%</u>	-1.8%	<u>10.6%</u>	2.5%	<u>3.3%</u>	-4.5%	7.1%	7.8%	-8.3%	9.9%	5.8%
International	Small Growth	TIPS	Cash	High Yield	Foreign Bond	TIPS	High Yield	Small Growth	Emerging Debt	Aggregate Bond
7.8%	-2.9%	7.0%	0.1%	2.5%	-6.0%	4.7%	7.5%	-9.3%	8.7%	3.9%
Aggregate Bond	Small Blend	MLP	Aggregate Bond	Cash	<u>Balanced</u>	Aggregate Bond	REITs	Small Blend	Hedge Funds	TIPS
6.5%	-4.2%	4.8%	-2.0%	0.0%	<u>-6.2%</u>	2.6%	5.2%	-11.0%	6.3%	3.6%
TIPS	Small Value	Hedge Funds	Emerging	Emerging	Small Value	Foreign Bond	Aggregate Bond	MLP	TIPS	Emerging Debt
6.3%	-5.5%	4.8%	-2.6%	-2.2%	-7.5%	1.5%	3.5%	-12.4%	6.2%	3.4%
Hedge Funds	Hedge Funds	Aggregate Bond	Foreign Bond	Foreign Bond	Emerging	International	TIPS	Small Value	Aggregate Bond	Hedge Funds
5.7%	-5.7%	4.2%	-3.1%	-3.1%	-14.9%	1.0%	3.0%	-12.9%	6.1%	3.2%
Foreign Bond	International	Foreign Bond	TIPS	International	Emerging Debt	Hedge Funds	Cash	International	Foreign Bond	Foreign Bond
4.9%	-12.1%	4.1%	-8.6%	-4.9%	-14.9%	0.5%	0.8%	-13.8%	5.0%	2.1%
Cash	Emerging	Cash	Emerging Debt	Emerging Debt	MLP	Cash	MLP	Emerging	Ca s h	Cash
0.1%	-18.4%	0.1%	-9.0%	-5.7%	-32.6%	0.3%	-6.5%	-14.6%	1.2%	0.5%

Total returns as of 6/30/2019

C.W. O'Conner Wealth Advisors, Inc.

Source: Morningstar and Lipper

Disclosures

Information is obtained from a variety of sources which are believed though not guaranteed to be accurate. Any forecast represents future expectations and actual returns, volatilities and correlations will differ from forecasts. Past performance does not indicate future performance. This presentation does not represent a specific investment recommendation. Please consult with your advisor, attorney and accountant, as appropriate, regarding specific advice.

When referencing asset class returns or statistics, the following indices are used to represent those asset classes. Each index is unmanaged and investors can not actually invest directly into an index: Cash - Citigroup 90 Day T-Bill; TIPS - Bloomberg Barclays US Treasury TIPS; Municipals - Bloomberg Barclays Muni Bond 5-Year; High Yield Municipals - Bloomberg Barclays High Yield Muni Bond; Aggregate Bond - Bloomberg Barclays US Aggregate Bond Index; High Yield - Bloomberg Barclays US Corporate High Yield; Foreign Bond - Bloomberg Barclays Global Aggregate Ex USD; Emerging Debt - JPMorgan GBI-EM Global Diversified Unhedged Index; Large Value - Russell 1000 Value; Large Blend - S&P 500; Large Growth - Russell 1000 Growth; Small Value - Russell 2000 Value; Small Blend - Russell 2000; Small Growth - Russell 2000 Growth; International - MSCI EAFE; Emerging Markets - MSCI EM; Domestic REITs - FTSE NAREIT Equity REITs; Global REITS - S&P Developed World Property; Commodities - Bloomberg Barclays US Treasury TIPS, 31% Bloomberg Barclays US Aggregate Bond Index, 1.5% Bloomberg Barclays Global Aggregate Ex USD, 1.5% Bloomberg Barclays Global Aggregate Ex SD (Hedged), 4% Bloomberg Barclays US Corporate High Yield, 2% JPMorgan GBI-EM Global Diversified Unhedged Index, 15% MSCI EAFE, 7% MSCI EM, 3% FTSE NAREIT Equity REITs, 2% Bloomberg Commodity Index, 5% Alerian MLP, 2% Citigroup 3 Month T-Bill.

ARepresents current allocation of the DSA Balanced DPA Model Portfolio and historically tracks allocation changes to that Model. Returns are hypothetical and do not represent the actual returns earned by clients invested in the DSA Balanced DPA Model Portfolio. Please contact us for additional information on the historical allocation of this Model.

