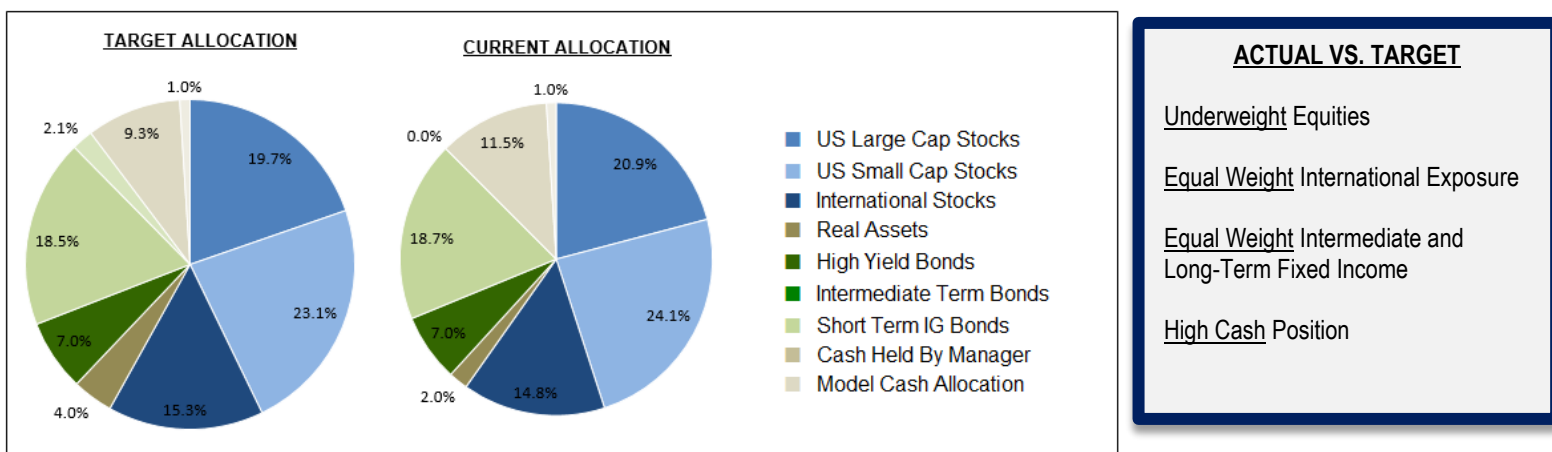


*General overall portfolio comments refer to the Moderate Growth allocations used in both the Pooled Fund Program and the Unified Managed Account Program. These general comments will be referred to as "Moderate Growth" throughout. Specific references to performance, current allocation, or comparison to indexes are derived from the CWA Model 5 Portfolio in the Pooled Fund Program; these specific comments will be referred to as "Model 5" throughout.

PORTFOLIO ANALYSIS

Overall Goal. We construct portfolios to generate a return that maximizes the probability that an investor will meet their retirement goals, as opposed to maximizing their asset base (which interjects significant risk). We believe that a value bias, international exposure and general diversification provide the best avenue to meet this objective. Our portfolios have lower volatility[†], but can go through periods where they do not keep pace with the U.S. equity markets (the most common benchmark) because of our focus on value, fixed income and international stocks.

The **Moderate Growth Portfolio** is intended to provide a balanced allocation, with a slight overweight to equities over fixed income. The goal is to provide a balance of growth and income with lower volatility than an all-equity portfolio. Our target and current portfolio asset class allocations for Model 5 are listed below.



LARGEST EQUITY AND FIXED INCOME POSITIONS

In normal market environments, Moderate Growth has a target allocation of 60% stocks & 40% bonds, with approximately 20% of the portfolio in international equities and fixed income. So, the portfolio is a global one – with a U.S. tilt. By design, the holdings are broadly diversified by location/country, by company size, by credit quality/yield and by maturity/duration. The investment managers have a degree of flexibility which allows them to respond to different market environments, and our equity managers are currently holding a large amount of cash (given current valuations).

[†] as of 10/31/2018, the 7-year volatility (standard deviation) of Model 5 is 5.6%, versus 9.9% for the S&P 500 Index.

PERFORMANCE

The Moderate Growth portfolios in the Pooled Fund Program and the Unified Managed Account Program have slightly different investments, costs and thus returns. Accordingly, we direct you to your account statement for your individual performance.

In October, Model 5 (net of fees and expenses) outperformed⁽¹⁾ compared to the Global 60/40 Index, market performed compared to the S&P Moderate Growth Index, and market performed compared to the the U.S. 60/40 Index which posted the following returns:

PERFORMANCE	OCT	COMMENTS
Global 60/40 Benchmark Index ⁽²⁾	-4.93%	October was a volatile month for equities, with global stocks -7.5% and U.S. stocks down -6.8%. Bonds were also negative during the month with Global bonds -1.1% and US bonds -0.8%. Market action resembled that of a liquidity event for most of the month, with indiscriminate selling rendering security selection moot for the most part.
US 60/40 Benchmark Index ⁽³⁾	-4.42%	
S&P Moderate Growth Index ⁽⁴⁾	-4.23%	

(1) "Market Perform" means within a range of +10 bps to -10 bps of the applicable index for the month (or +/- 8 bps per month for YTD performance); "Outperform" means more than +10 bps for the month (or more than +8 bps per month for YTD performance); "Underperform" means more than -10 bps for the month (or more than -8 bps per month for YTD performance). **Please note performance comparison comments are based upon Model 5 Pooled Fund Program data. There are inherent limitations in the use of model performance – please read the Model Disclosure found on page 5. Investors should consult their individual custodial statement for actual performance of individual portfolios. Actual performance comparisons may differ from model comparisons.**

(2) Global 60/40 Benchmark is 60% MSCI ACWI Index & 40% Barclays Global Aggregate Bond Index.

(3) US 60/40 Benchmark is 60% S&P 500 Index & 40% Barclays U.S. Aggregate Bond Index.

(4) S&P Moderate Growth Index is 50% S&P Target Risk Moderate Index & 50% S&P Target Risk Growth Index.

MARKET PERFORMANCE

Equities

PERFORMANCE	OCT	MULTIPLE	COMMENTS
U.S. Equities ⁽⁵⁾	-7.36%	19.8X	The U.S. market was down sharply. Small cap stocks were the worst performers, -10.9% for the month.
International Developed ⁽⁶⁾	-7.95%	14.1X	International stocks were down in tandem with the U.S. markets as October ended up being risk off globally.
Emerging Markets ⁽⁷⁾	-8.70%	11.5X	Emerging markets were not immune to the global selloff.

(5) U.S. Equities are represented by the Russell 3000 Index.

(6) International Developed is the MSCI EAFE Index.

(7) Emerging Markets is the MSCI EM Index.

Fixed Income

PERFORMANCE	OCT	SPREAD OVER UST 10 YEAR	COMMENTS
U.S. Treasuries (Medium Duration) ⁽⁸⁾	-0.36%	-	Yields rose very modestly during the month.
U.S. Treasuries (Longer Duration) ⁽⁹⁾	-3.20%	0.28%	Spreads narrowed modestly, however it was risk off for duration in tandem with the equity selloff.
Global Fixed Income ⁽¹⁰⁾	-1.12%	-0.87%	Global bonds sold off in concert with the U.S. bond market.
Emerging Fixed Income ⁽¹¹⁾	-0.94%	2.84%	Spreads stayed relatively static during the month.
High Yield ⁽¹²⁾	-1.60%	3.56%	High yield spreads widened as the equity-like credit characteristics of high yield showed up during the most volatile days.

(8) U.S. Treasuries (7-10 Years), represented by the Barclays U.S.T 7-10 Yr Total Return Index

(9) U.S. Treasuries (20+ Years), represented by the Barclays U.S.T 20+ Yr Total Return Index

(10) Barclays Global Aggregate Bond Index.

(11) Barclays Emerging Markets EMEA Total Return

(12) Barclays U.S. Corporate High Yield Index.

Commodities and Real Assets. The Model 5 portfolios do not have significant exposure to commodities, except indirectly. However, commodities and real assets (real estate) provide a good sense of global demand (in the case of industrial commodities) or fear (gold).

PERFORMANCE	OCT	TREND	COMMENTS
Energy ⁽¹³⁾	-8.43%	-	Commodities moved down in tandem with the global markets during the month.
Real Estate ⁽¹⁴⁾	-2.73%	-	Real Estate moved modestly lower in relationship to the equity markets.
Industrial Metals ⁽¹⁵⁾	-4.90%	-	Metals sold off in conjunction with the markets.
Gold ⁽¹⁶⁾	2.12%	-	Gold bounced during the month, as it often does in times of market stress.

(13) S&P GSCI Energy Total Return Index.

(14) Dow Jones U.S. Real Estate Index.

(15) S&P GSCI Industrial Metals Total Return Index.

(16) SPDR Gold Shares (GLD).

Market Comments

As highlighted in the earlier pages of this letter, October was a tough month for equities. Markets have calmed down to start November.

Looking at volatility tells the story of what happened in October. While it certainly felt bad and was panic inducing over several of the trading days, in a historical context, this wasn't that bad of a selloff.



Chart courtesy of Bloomberg

The above is a chart of the VIX index, which is the CBOE Volatility Index. It measures the markets expectation of 30-day volatility in real time by measuring the variability of options prices on the S&P 500 Index. As you can see, in periods like 2008, volatility hit all time highs and stayed elevated for quite a long time. Post-2008, the market volatility has trended lower, with only short bursts that did not get as bad or last as long as what happened prior. There was a short burst during 2011 as the Eurozone dealt with the bailouts of Greece, and another in 2015 when China devalued their currency overnight. Other than that, volatility has been very low, and this past month of October didn't even come close to reaching the levels it did in February of 2018.

Looking at this in context, it highlights why having a disciplined strategy is important in order to help us as investors to avoid an overreaction to short term losses. Maintaining said discipline allows us to make optimal decisions rather than emotional ones. Sometimes that decision is to do nothing, and at other times it is to make larger moves. All of these decisions are easier made without emotions obfuscating our thought process.

Further Reading

- 1) **Brent crude enters bear market, drops below \$70, Financial Times, November 9, 2018**

<https://www.ft.com/content/831bf014-e410-11e8-a6e5-792428919cee>

- 2) **Things You See During Every Market Correction, A Wealth of Common Sense, November 8, 2018**

<https://awealthofcommonsense.com/2018/11/things-you-see-during-every-market-correction/>

For questions, or to request additional information, please contact your CWA Financial Planner

DISCLOSURES

PAST PERFORMANCE IS NOT AN INDICATOR OF FUTURE MARKET RETURNS.

Cain Watters is a Registered Investment Advisor. Request Form ADV Part 2A for a complete description of Cain Watters Advisors' investment advisory services. Diversification does not ensure a profit and may not protect against loss in declining markets. No inference should be drawn that managed accounts will be profitable in the future or that the Manager will be able to achieve its objectives. Investing involves risk and the possibility of loss, including a permanent loss of principal.

This commentary contains the opinions of the CWA Investment Committee at the time of publication and is subject to change. Market and economic factors can change rapidly, producing materially different results. This update is intended for clients currently invested in CWA Recommended Investment Programs. This is not intended to be personalized investment advice. This does not take into account a particular investor's financial objectives or risk tolerances. Any specific mention of securities is for informational purposes only and is not intended as a recommendation or solicitation to purchase.

CWA Model 5 Moderate Growth Pooled Fund Program: The target allocation and portfolio data used throughout this presentation is for the CWA Model 5 recommended for participants in the Pooled Fund Program. This Model is the most common recommendation and is used here to illustrate the CWA methodology. Other CWA Recommended Investment Program models will vary in asset allocation and underlying manager and/or security selection. Clients should discuss these models and programs with their planner prior to selection.

***The CAPE ratio is a valuation measure that uses real earnings per share (EPS) over a 10-year period to smooth out fluctuations in corporate profits that occur over different periods of a business cycle. The ratio is generally applied to broad equity indices to assess whether the market is undervalued or overvalued. While the CAPE ratio is a popular and widely-followed measure, several leading industry practitioners have called into question its utility as a predictor of future stock market returns. The CAPE ratio, an acronym for Cyclically Adjusted P/E (i.e. Price-Earnings) ratio, was popularized by Yale University professor Robert Shiller. It is also known as the Shiller P/E ratio.*

+Statements relating to Value outperforming Growth are based upon the data of the Fama-French 3-Factor Model. A pioneering study by renowned academics, Eugene Fama and Ken French, suggesting that three risk factors: market (beta), size (market capitalization) and price (book/market value) dimensions explain 96% of historical equity performance.

Model Performance Disclosure: Model performance is NOT an indicator of future or actual results. Performance does not represent the returns that any individual investor actually received. Cain Watters Investors may incur a loss. Cain Watters Models contain allocations to several different common pooled trust funds. Each individual pooled trust fund has a defined investment strategy; usually designed around a specific asset class. Investment managers and their respective strategies are chosen to meet each of the pooled funds' objectives. Investors in the models pay a monthly asset based trust fee, based on their average investment balance during the month. Model performance is calculated using the reported net asset value of each individual pooled fund. Performance for the individual funds is then weighted according to the model target allocation. Model performance includes the reinvestment of dividends and interest. The annual trust fee of 0.65% is subtracted from gross returns on a pro-rated basis of 0.0541% per month; and includes trust fees and investment advisory fees. For time periods prior to July 1, 2016 an annual trust fee of 1.05% or 0.0875% per month was used. Model performance has inherent limitations in that it does not reflect the effects of significant cash flows, or take into account actual client asset allocation that may differ materially from the target allocation due to rebalancing policies and changes in market values. This model performance information is provided for illustrative purposes only. Cain Watters Model investors may experience materially different returns.

Use of Comparison Benchmark or Index: Indexes cannot be invested in directly. Index performance and statistics are provided for illustrative or comparison purposes and are chosen as commonly accepted representations of the performance of a particular segment of the market.