CHIEF INVESTMENT OFFICE

# Market Outlook 2020

· Navigating headwinds and tailwinds in the markets



See Important Information on slides 2 and 27 of this presentation



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Please see additional Important Risk Disclosures at the end of this presentation.

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### **Investors** faced a number of challenges in 2019

#### Geopolitical turmoil

U.S.-China trade war fears

Brexit concerns

#### Challenging monetary policy

U.S. yield curve inversion

Negative yields abroad

#### Economic uncertainty

Muted U.S. business optimism

Weak global growth & trade flows



Sources: Chief Investment Office, as of January 2020. Past performance is no guarantee of future results.

#### Headwinds may be turning into tailwinds in 2020

#### Greater certainty

U.S.-China Phase I trade deal

U.S.-Mexico-Canada trade agreement 2.0

Accommodative monetary & fiscal policy

Normalization of the U.S. yield curve

Dovish central banks & fiscal stimulus

Economic growth indicators

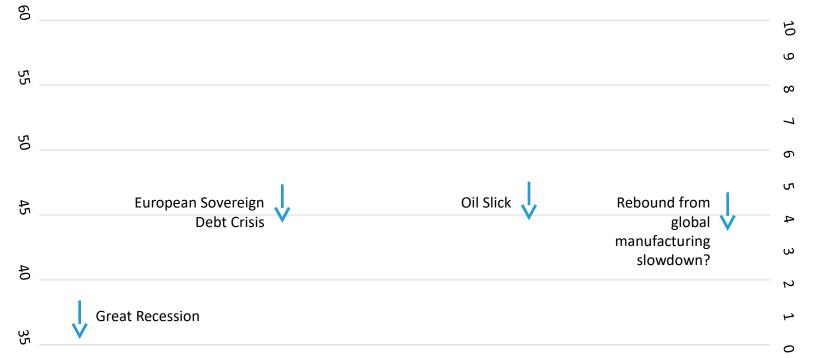
Green shoots among select developed international & emerging markets

Positive consumer sentiment & residential real estate dynamics



Source: Chief Investment Office, as of January 2020. Past performance is no guarantee of future results.

# Early evidence suggests a fourth global "mini-wave" is beginning to take shape



Sources: Chief Investment Office, Haver Analytics. Data as of December 10, 2019.

\*OECD (Organization for Economic Cooperation and Development). The 6 non-members included are as follows: Brazil, China, India, Indonesia, Russia, South Africa Past performance is no guarantee of future results.



Index

## Potential surprises in 2020

The consumer stays positive & strong

Business sentiment fuels investment

A comprehensive U.S.-China trade deal

Accommodative central banks globally

Improved growth across all regions



## Potential risks heading into 2020

Consumer confidence erodes

Earnings growth and investment decline

U.S.-China trade talks break down

Inflation surprise

U.S. presidential election





Source: Chief Investment Office, as of January 2020

# Uncertainty is above average compared to prior election seasons

Historical average and current levels of the U.S. Policy Uncertainty Index and VIX, relative to a U.S. presidential election, noted as month 0.  $\frac{1}{2}$ 



# of months before or after presidential election



Avg. VIX

# We live in a world in transition



Peak globalization



Demographic shifts



Environmental consciousness



Robotics & automation



# The CIO outlook for equities



# The Yield Premium for the S&P 500 (spread between the S&P 500 dividend yield versus the 10-year U.S. government Treasury bond) remains attractive

Sources: Bloomberg, Chief Investment Office. Data as of September 23, 2019.

Past performance is no guarantee of future results. Please refer to appendix for asset class proxies and index definitions. Indexes are unmanaged and do not take into account fees or expenses. It is not possible to invest directly in an index.



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# The CIO outlook for fixed income

Fixed income still plays an important diversifying role

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/e are neutral on credit and have a slight preference for short-dated investment-grade corporates Muni's provide value to taxsensitive investors, particularly in high-tax states



#### Investment-grade credit has held up well even when U.S. GDP growth is relatively low.

Sources: Bloomberg, Chief Investment Office. Data reflects time period of September 1986 - September 2019. Performance results are short term and may not provide an adequate basis for evaluating performance potential over varying market conditions or economic cycles. Please refer to appendix for asset class proxies MERRIL abank of AMER and index definitions. Diversification does not ensure a profit or protect against loss in declining markets.



# The CIO outlook for alternative investments

Growth strategies	Seek capital appreciation. Total return oriented, generally directional, higher risk, and greater market exposure.	
Defensive strategies		
Diversifying strategies	May provide portfolio diversification benefits and/or hedge against inflation. Generally do not depend on market direction.	



Source: Chief Investment Office. As of January 2020. Alternative Investments are for qualified investors only.

# We offer these insights to support your longterm goals

The CIO brings together	To offer you
250 Dedicated team members across specialties	Recommendations grounded in investment research and insight
Average years of experience per professional	Open architecture access to high-conviction investments
~40.FA® ~14.AIA	A disciplined approach to investing

Source: Chief Investment Office. Data as of August 2019.

CFA® and Chartered Financial Analyst® are registered trademarks owned by CFA Institute. CAIA® is a registered certification mark owned and administered by the Chartered Alternative Investment Analyst Association.

CIO does not provide legal, tax or accounting advice.



# Our insights have yielded favorable results over

. •	Major trend calls (2016–2019)	Duration of call	Effect
Equities	Global equities over fixed income1	Jan '16 – Present	+
	Overweight international developed equities2	Mar '17 – Jun '18	=
	Value over growth3	Nov '16 – Mar '18	-
	Cyclicals over defensives4	Oct '16 – Present	+
	Technology sector to outperform the broader market5	Jan '16 – Present	+
	Favor financials in a post-election environment6	Nov '16 – Present	-
Fixed Income	Slightly short duration7	Dec '16 – Present	=
	Credit over treasuries8	Jan '16 – Present	+
	Underweight high yield9	Mar '17 – Present	-
Alternatives	Moderately positive equity long/short strategies10	Mar '17 – Present	+

• Source: Chief Investment Office. Data as of December 31, 2019.

- Index sources: 1 MSCI AC World Index vs. Bloomberg Barclays Global Aggregate Index. 2 MSCI World ex U.S. Index vs. MSCI ACWI. 3 Russell
- <sup>14</sup> 1000 Value Index vs. Russell 1000 Growth Index. 4 MSCI USA Cyclicaterica company Index vs. MSCI USA Defensives Index. 5 S&P 500 Technology Index vs. S&P

# Actions we believe you may want to consider for your portfolio

Equities		Fixed income		Alternative investments
1 Continue to on quality	o focus	Exercise discipline – don't chase yield		A programmatic approach to private equity and consider niche strategies
2 Maintain b and be sele with expos	ective	Tax sensitive investors should favor municipal securities	2	Explore non-correlated real asset opportunities
	ternational 3 & emerging	Modest duration among investment grade corporates & mortgage- backed securities		Consider equity long/short, equity market neutral and opportunistic hedge fund strategies

Of course, the right course of action depends on your goals, risk tolerance, and other factors.

Asset allocation and diversification do not assure a profit or
 protect against loss in declining markets. Alternative
 Investments are for qualified investors only.



# Stay true to a disciplined investment process

Stay invested

Pursue quality investments

Maintain process discipline & diversification Avoid chasing yield – take a broader view of income Consider noncorrelated strategies



Asset allocation and diversification do not assure a profit or
 <sup>16</sup> protect against loss in declining markets.



# We offer a range of model portfolios that are embedded with the insights of the Chief Investment Office





#### We offer over 100 institutional-quality CIO Model Portfolios



CIO multi-strategy Model Portfolios use mutual funds, ETFs and separately managed accounts from due diligence covered asset managers.

Offer over 100 turnkey multi-asset class model portfolio solutions across five allocation profiles and completion portfolios for additional customization.

CIO Managed Separate Account strategies offer equity and fixed income solutions comprised of individual securities

Source: Chief Investment office. Portfolio information current as of August 28, 2019 and is subject to change.

These strategies include Bond Ladder portfolios, Socially Innovative Investing portfolios and Equity and Fixed Income portfolios comprised of individual securities. \*Passive implementation strategies track an entire index or sector with a single security. Active implementation strategies have a manager or team making decisions on the underlying portfolio allocation, otherwise not adhering to a passive investment strategy.



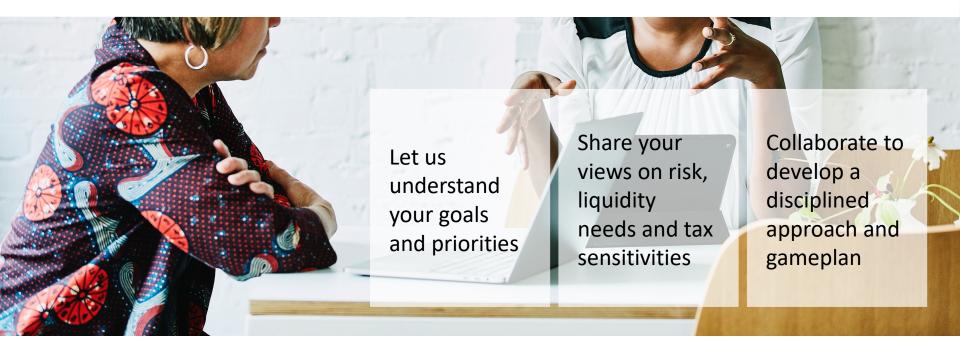
# CIO Model Portfolios have offered a consistent investment approach over the long term

US SCG	Govt Fl	EM Equity	US SCG	US LCV	US LCG	US SCV	EM Equity	Intl FI	US LCG
29.08%	9.19%	18.23%	43.30%	13.45%	5.67%	31.74%	37.28%	3.17%	36.39%
US SCV	Corp FI	US SCV	US SCV	US LCG	Mtge Fl	High Yield FI	US LCG		US SCG
24.51%	7.51%	18.05%	34.52%	13.05%	1.46%	17.34%	30.21%	1.87%	28.48%
EM Equity	Mtge Fl	US LCV	US LCG	Intl FI	Intl FI	US LCV	Intl Eq	Inflation	US LCV
18.88%	6.14%	17.50%	33.48%	9.07%	1.35%	17.34%	24.21%	1.68%	26.54%
US LCG	High Yield FI	Intl Eq	US LCV	CIO Mod. Alloc.	Govt FI	US SCG	US SCG	Mtge Fl	Intl Eq
16.71%	4.50%	16.41%	32.53%	7.95%	0.84%	11.32%	22.17%	1.00%	22.49%
US LCV	Intl FI	High Yield FI	Intl Eq	Corp FI	Inflation	EM Equity	US LCV	Govt FI	US SCV
15.51%	4.04%	15.44%	21.02%	7.51%	0.73%	11.19%	13.66%	0.83%	22.39%
High Yield FI	Inflation	US LCG	CIO Mod. Alloc.	Mtge Fl	CIO Mod. Alloc.	CIO Mod. Alloc.	CIO Mod. Alloc.	US LCG	CIO Mod. Alloc.
15.24%	2.96%	15.27%	17.05%	6.07%	0.18%	8.05%	13.30%	-1.51%	19.00%
CIO Mod. Alloc.	US LCG	US SCG	High Yield FI	Govt Fl	Cash	US LCG	US SCV	Corp FI	EM Equity
12.33%	2.64%	14.58%	7.38%	5.88%	0.05%	7.08%	7.84%	-2.25%	18.42%
Corp FI	CIO Mod. Alloc.	CIO Mod. Alloc.	Inflation	US SCG	Corp FI	Corp FI	High Yield FI	High Yield FI	High Yield FI
9.52%	2.08%	11.79%	1.51%	5.60%	-0.63%	5.96%	7.48%	-2.26%	14.40%
Intl Eq	US LCV	Corp Fl	Intl FI	US SCV	US SCG	Intl FI	Corp FI	CIO Mod. Alloc.	Corp FI
8.95%	0.39%	10.37%	1.33%	4.22%	-1.38%	5.19%	6.48%	-4.78%	14.23%
Mtge FI	Cash	Intl FI		High Yield FI	Intl Eq	Intl Eq	Intl FI	US LCV	Intl FI
5.67%	0.10%	6.59%	0.07%	2.45%	-3.04%	2.75%	2.51%	-8.27%	7.57%
Govt FI	US SCG	Mtge Fl	Mtge Fl	Inflation	US LCV	Inflation	Mtge Fl	US SCG	Govt Fl
5.61%	-2.92%	2.59%	-1.39%	0.76%	-3.83%	2.07%	2.45%	-9.31%	6.95%
Intl FI	US SCV	Govt FI	Corp FI	Cash	High Yield FI	Mtge Fl	Govt FI	US SCV	Mtge Fl
3.28%	-5.50%	2.19%	-1.46%	0.03%	-4.55%	1.67%	2.42%	-12.86%	6.51%
Inflation	Intl Eq	Inflation	EM Equity	EM Equity	US SCV	Govt Fl	Inflation	Intl Eq	Inflation
1.50%	-12.21%	1.74%	-2.60%	-2.19%	-7.47%	1.15%	2.24%	-14.09%	2.41%
Cash	EM Equity	Cash	Govt FI	Intl Eq	EM Equity	Cash	Cash	EM Equity	Cash
0.13%	-18.42%	0.11%	-3.21%	-4.32%	-14.92%	0.33%	0.86%	-14.58%	2.28%

Sources: Morningstar Direct & CIA System. Income and dividends are included in all returns figures. Data as of 12/31/2019. ML Moderate Allocation represents the Strategic Asset Allocation set by the GWIM Investment Strategy Committee for the highest liquidity needs with none of the portfolio invested in alternative asset categories for U.S. Investor. Results shown are based on an index and are illustrative; they assume reinvestment of income and no transaction costs or taxes. Indexes are unmanaged. Direct investment cannot be made in an index. **Past performance is no guarantee of future results. Please refer to the appendix for index definitions, asset class proxies and methodology.** 



### Let's start a conversation





#### APPENDIX

See Important Information on slides 2 and 27 of this presentation



#### Index definitions

**Bloomberg Barclays Global Aggregate Index** is a flagship measure of global investment grade debt from twenty-four local currency markets. This multi-currency benchmark includes treasury, government-related, corporate and securitized fixed-rate bonds from both developed and emerging markets issuers

**BofA U.S. Broad Market Index** tracks the performance of U.S. dollar-denominated Investment Grade government and corporate public debt issued in the U.S. domestic bond market, including collateralized products such as mortgage pass-through and asset-backed securities.

**BofA U.S. Broad Market 3-5 Year Index** measures the performance of U.S. dollar-denominated Investment Grade government and corporate public debt with maturities between three and five years issued in the U.S. domestic bond market.

**BofA U.S. Corporate Index** tracks the performance of the U.S. dollar denominated Investment Grade corporate public debt issued in the U.S. domestic bond market. Qualifying bonds must have at least one year remaining term to maturity, a fixed coupon schedule and a minimum amount outstanding of \$150 million. Bond must be rates Investment Grade based on a composite of Moody's and S&P.

HFRI Equity Hedge (Total) Index: Investment Managers who maintain positions both long and short in primarily equity and equity derivative securities. A wide variety of investment processes can be employed to arrive at an investment decision, including both quantitative and fundamental techniques; strategies can be broadly diversified or narrowly focused on specific sectors and can range broadly in terms of levels of net exposure, leverage employed, holding period, concentrations of market capitalizations and valuation ranges of typical portfolios. EH managers would typically maintain at least 50% exposure to

HFRI Fund Weighted Composite Index-A global, equal-weighted index of over 2,000 single-manager funds that report to HFR Database. Constituent funds report monthly net of all fees performance in U.S. Dollar and have a minimum of \$50 Million under management or a twelve month track record of active performance. The HFRI FundWeighted Composite Index does not include Funds of Hedge Funds

ICE BofA US Treasury Index tracks the performance of U.S. dollar denominated sovereign debt publicly issued by the U.S. government in its domestic market.

ICE BofA U.S. High Yield Master Index tracks the performance of below investment grade, but not in default, US dollar denominated corporate bonds publicly issued in the US domestic market, and includes issues with a credit rating of BBB or below, as rated by Moody's and S&P.

MSCI AC World Index captures large and mid cap representation across 23 Developed Markets (DM) and 26 Emerging Markets (EM) countries. With 3,060 constituents, the index covers approximately 85% of the global investable equity opportunity set.

**MSCI USA Cyclicals Index** is based on MSCI USA Index, its parent index and captures large and mid-cap segments of the US market. The index is designed to reflect the performance of the opportunity set of global cyclical companies across various GICS<sup>®</sup> sectors. All constituent securities from Consumer Discretionary, Communication Services, Financials, Industrials, Information Technology and Materials are included in the Index.



#### Index definitions (continued)

**MSCI USA Defensive Sectors Index** is based on MSCI USA Index, its parent index and captures large and mid-cap segments of the US market. The index is designed to reflect the performance of the opportunity set of global defensive companies across various GICS<sup>®</sup> sectors. All constituent securities from Consumer Staples, Energy, Healthcare, Telecommunication Services and Utilities are included in the Index.

MSCI World ex U.S. Index captures large and mid cap representation across 22 of 23 Developed Markets (DM) countries--excluding the United States. With 1,010 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in each country.

Russell 1000 Value Index measures the performance of those Russell 1000® Index companies with lower price-to-book ratios and lower forecasted growth values.

Russell 1000 Growth Index measures the performance of those Russell 1000® Index companies with higher price-to-book ratios and higher forecasted growth values

**Russell 3000 Index** is a market-capitalization -weighted equity index maintained by the FTSE Russell that provides exposure to the entire U.S. stock market. The index tracks the performance of the 3,000 largest U.S.-traded stocks which represent about 98% of all U.S incorporated equity securities.

**S&P 500 Index** tracks the performance of 500 widely held, large-capitalization U.S. stocks. The index includes 500 leading companies and captures approximately 80% coverage of available market capitalization.

S&P 500 Financials Index comprises of those companies included in the S&P 500 that are classified as members of the GICS® financials sector.

S&P 500 Information Technology Index comprises of those companies included in the S&P 500 that are classified as members of the GICS® information technology sector.



#### Asset class proxies

Asset Class	Index	Index Description
Inflation	IA SBBI US Inflation	The Consumer Price Index for All Urban Consumers, or CPI-U, is used by IA SBBI to measure inflation, which is the rate of change of consumer goods prices. All inflation measures are constructed by the U.S. Department of Labor, Bureau of Labor Statistics, Washington.
Cash	IA SBBI US 30 Day TBill TR USD & BAML U.S. Treasury Bills 3 months	For the IA SBBI U.S. Treasury Bill Index, the CRSP U.S. Government Bond File is the source from 1926 to 1976. Each month a one-bill portfolio containing the shortest-term bill having not less than one month to maturity is constructed. (The bill's original term to maturity is not relevant). The ICE BofAML US 3-Month Treasury Bill Index is comprised of a single issue purchased at the beginning of the month and held for a full month. At the end of the month that issue is sold and rolled into a newly selected issue. The issue selected at each month-end rebalancing is the outstanding Treasury Bill that matures closest to, but not beyond, three months from the rebalancing date. To qualify for selection, an issue must have settled on or before the month-end rebalancing date.
US Large Cap Growth	Russell 1000 Growth Total Return	Russell 1000 Growth Total Return measures the performance of the large-cap growth segment of the U.S. equity universe. It includes those Russell 1000 companies with higher price-to-book ratios and higher forecasted growth values.
US Large Cap Value	Russell 1000 Value Total Return	Russell 1000 Value Total Return measures the performance of the large-cap value segment of the U.S. equity universe. It includes those Russell 1000 companies with lower price-to-book ratios and lower expected growth values.
US Small Cap Growth	Russell 2000 Growth Total Return	Russell 2000 Growth Total Return measures the performance of the broad growth segment of the U.S. equity universe. It includes those Russell 2000 companies with higher price-to-book ratios and higher forecasted growth values.
US Small Cap Value	Russell 2000 Value Total Return	Russell 2000 Value Total Return measures the performance of the large-cap value segment of the U.S. equity universe. It includes those Russell 2000 companies with lower price-to-book ratios and lower expected growth values.
International Equity	MSCI Daily TR Net World Ex USA USD	The MSCI World ex USA Index captures large and mid cap representation across 22 of 23 Developed Markets (DM) countries – excluding the United States. The index covers approximately 85% of the free float-adjusted market capitalization in each country.
Emerging Markets	MSCI Daily TR Net EM USD	The MSCI Emerging Markets (EM) Index captures large and mid cap representation across 23 Emerging Markets countries and targets coverage of approximately 85% of the free float adjusted market capitalization in each country.
North America	MSCI Daily TR Net North America	The MSCI North America Index is designed to measure the performance of the large and mid cap segments of the US and Canada markets. The index covers approximately 85% of the free float-adjusted market capitalization in the US and Canada.
Developed Europe ex-U	K MSCI Daily TR Net Europe Ex U.K. USD	The MSCI Europe ex UK Index captures large and mid cap representation across 14 Developed Markets (DM) countries in Europe. The index covers approximately 85% of the free float-adjusted market capitalization across European Developed Markets excluding the UK.
UK	MSCI Daily TR Net UK USD	The MSCI United Kingdom Index is designed to measure the performance of the large and mid cap segments of the UK market. The index covers approximately 85% of the free float-adjusted market capitalization in the UK.
Japan	MSCI Daily TR Net Japan USD	The MSCI Japan Index is designed to measure the performance of the large and mid cap segments of the Japanese market. The index covers approximately 85% of the free float-adjusted market capitalization in Japan.
Developed Asia Pacific ex-Japan	MSCI Daily TR Net Pacific Ex Japan USD	The MSCI AC Asia ex Japan Index captures large and mid cap representation across 2 Developed Markets countries (Hong Kong and Singapore) and 8 Emerging Markets countries (China, India, Indonesia, Korea, Malaysia, the Philippines, Taiwan and Thailand) in Asia. The index covers approximately 85% of the free float-adjusted market capitalization in each country.
U.S. Government & Quasi Government	ICE BofAML AAA U.S. Treasury/Agency Master	The ICE BofAML US Treasury & Agency Index tracks the performance of US dollar denominated US Treasury and non-subordinated US agency debt issued in the US domestic market. Qualifying securities must have an investment grade rating (based on an average of Moody's, S&P and Fitch). In addition, qualifying securities must have at least one year remaining term to final maturity, at least 18 months to maturity at time of issuance, a fixed coupon schedule and a minimum amount outstanding of \$1 billion for sovereigns and \$250 million for agencies.



#### Asset class proxies (continued)

Asset Class	Index	Index Description
U.S. Mortgage Backed	ICE BofAML Mortgage Master	The ICE BofAML US Mortgage Backed Securities Index tracks the performance of US dollar denominated fixed rate and hybrid residential mortgage pass-through securities publicly issued by US agencies in the US domestic market. 30-year, 20-year, 15-year and interest-only fixed rate mortgage pools are included in the Index provided they have at least one year remaining term to final maturity and a minimum amount outstanding of at least \$5 billion per generic coupon and \$250 million per production year within each generic coupon.
U.S. Corp Master	ICE BofAML U.S. Corp Master	The ICE BofAML US Corporate Index tracks the performance of US dollar denominated investment grade corporate debt publicly issued in the US domestic market. Qualifying securities must have an investment grade rating (based on an average of Moody's, S&P and Fitch), at least 18 months to final maturity at the time of issuance, at least one year remaining term to final maturity as of the rebalancing date, a fixed coupon schedule and a minimum amount outstanding of \$250 million.
USD High Yield	ICE BofAML High Yield Cash Pay	The ICE BofAML US Cash Pay High Yield Index tracks the performance of US dollar denominated below investment grade corporate debt, currently in a coupon paying period, that is publicly issued in the US domestic market.
International Fixed Income	ICE BofAML Global Broad Market TR ex USD (Hedged)	The ICE BofAML Global Broad Market Excluding US Dollar Index tracks the performance of investment grade debt publicly issued in the major domestic and eurobond markets, including sovereign, quasi-government, corporate, securitized and collateralized securities, excluding all securities denominated in US dollars.
Global Governments	ICE BofAML Global Govt Bond Index + ICE BofAML Global Large Cap Quasi- Govt Index (Hedged)	(i) The ICE BofAML Global Government Index tracks the performance of publicly issued investment grade sovereign debt denominated in the issuer's own domestic currency. (ii) The ICE BofAML Global Large Cap Quasi-Government Index tracks the performance of large capitalization investment grade quasi-government debt publicly issued in the major domestic and euro-bond markets, including agency, foreign government, local government, supranational and government guaranteed securities. Qualifying securities must have an investment grade rating (based on an average of Moody's, S&P and Fitch).
Global Corporates	ICE BofAML Global Broad Market Corp (Hedged)	The ICE BofAML Global Corporate Index tracks the performance of investment grade corporate debt publicly issued in the major domestic and euro-bond markets. Qualifying securities must have an investment grade rating (based on an average of Moody's, S&P and Fitch), at least 18 months to final maturity at the time of issuance, at least one year remaining term to final maturity as of the rebalancing date and a fixed coupon schedule.
Global Mortgages	ICE BofAML Global Broad Market Collateralized (Hedged)	The ICE BofAML Global Collateralized Index tracks the performance of investment grade securitized and collateralized debt, including mortgage backed, asset backed, commercial mortgage backed, covered bond, and US mortgage pass-through securities publicly issued in the major domestic and euro-bond markets. Qualifying securities must have an investment grade rating (based on an average of Moody's, S&P and Fitch).
Global HY / EM	ICE BofAML Global HY Country External Corp & Govt + ICE BofAML Global High Yield (Unhedged)	(i) The ICE BofAML Global High Yield Country External Corporate & Government Index tracks the performance of USD and EUR denominated emerging market debt, including sovereign, quasi-government and corporate securities. (ii) The ICE BofAML Global High Yield Index tracks the performance of USD, CAD, GBP and EUR denominated below investment grade corporate debt publicly issued in the major domestic or euro-bond markets.



#### Methodology

CIO Moderate Allocation	US SAA	<ul> <li>The hypothetical historical returns are based on the US-biased Tier 0 Strategic Asset Allocation and proxy indices as of March 2018. The calculations are performed in Morningstar using daily returns and monthly rebalancing. Results shown are based on indexes and are illustrative; they assume reinvestment of income and no transaction costs or taxes. Indexes are unmanaged. Direct investment cannot be made in an index. It is composed as follows:</li> <li>From 12/19/2017 through current quarter end: 12% Russell 1000 Growth   19% Russell 1000 Value   2% Russell 2000 Growth   2% Russell 2000 Value   14% MSCI World ex USA NR   5% MSCI EM NR   11% BofAML US MBS   13% BofAML US Corporate   14% BofAML US Trsy&amp;Agcy   2% BofAML Gbl Brd Mkt xUS HUSD   4% BofAML US Cash Pay HY   2% BofAML US 3M Trsy Bill. From 01/10/2017 through 12/18/2017: 12% Russell 1000 Growth   19% Russell 1000 Value   2% Russell 2000 Growth   2% Russell 2000 Value   13% MSCI World ex USA NR   5% MSCI EM NR   11% BofAML US MBS   14% BofAML US 3M Trsy Bill. From 01/10/2017 through 12/18/2017: 12% Russell 1000 Growth   19% Russell 1000 Value   2% Russell 2000 Growth   2% Russell 2000 Value   13% MSCI World ex USA NR   5% MSCI EM NR   11% BofAML US MBS   14% BofAML US Corporate   14% BofAML US Trsy&amp;Agcy   2% BofAML Gbl Brd Mkt xUS HUSD   4% BofAML US Cash Pay HY   2% BofAML US 3M Trsy Bill. From 04/14/2009 through 01/09/2017: 23% Russell 1000 Growth   23% Russell 1000 Value   2% Russell 2000 Growth   2% Russell 2000 Value   8% MSCI EAFE NR   2% MSCI EM NR   9% BofAML US MBS   13% BBgBarc US Govt   9% BBgBarc US Credit   2% BofAML Gbl Brd Mkt xUS LOS MSS   13% BBgBarc US Govt   9% BofAML Gbl Brd Mkt xUS Loc   2% BofAML US Cash Pay HY   5% IA SBBI US 30 Day Tbill. From 04/04/2007 through 04/13/2009: 23% Russell 1000 Growth   23% Russell 2000 Growth   23% Russell 1000 Growth   23% Russell 2000 Value   10% MSCI EAFE NR   9% BofAML US MBS   13% BBgBarc US Govt   9% BBgBarc US Credit   2% BofAML US MBS   13% BBgBarc US Govt   9% BBgBarc US Cash Pay HY  </li></ul>
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#### Important disclosures

The investments discussed have varying degrees of risk. Some of the risks involved with equities include the possibility that the value of the stocks may fluctuate in response to events specific to the companies or markets, as well as economic, political or social events in the U.S. or abroad. Bonds are subject to interest rate, inflation and credit risks. Investments in high-yield bonds may be subject to greater market fluctuations and risk of loss of income and principal than securities in higher-rated categories. Historically, municipal bonds have been high-quality investments relative to other fixed income securities. However, not all municipal bonds are high grade, and when deciding whether to invest in municipal bonds, you should consider default risk, market risk and liquidity risk. Income is generally exempt from federal taxes and state taxes for residents of the issuing state. While the interest income is tax-exempt, capital gains, if any, will be subject to taxes. Income for some investors may be subject to the federal alternative minimum tax (AMT). Investments focused in a certain industry or sector may pose additional risks due to lack of diversification, industry volatility, economic turmoil, susceptibility to economic, political or regulatory risks and other sector concentration risks. Investments in foreign securities involve special risks, including foreign currency risk and the possibility of substantial volatility due to adverse political, economic or other developments. These risks are magnified for investments made in emerging markets. Investments in a certain industry or sector may pose additional risk due to lack of diversification and sector concentration.

Mortgage backed securities are subject to credit risk and the risk that the mortgages will be prepaid, so that portfolio management may be faced with replenishing the portfolio in a possibly disadvantageous environment. Generally, when interest rates decline, prepayments accelerate beyond the initial pricing assumptions, which could cause the average life and expected maturity of the securities to shorten. Conversely, when interest rates rise, prepayments slow down beyond the initial pricing assumptions and could cause the average life and expected maturity of the securities to shorten. The securities to extend and the market value to decline.

Alternative Investments, such as hedge funds and private equity, can result in higher return potential but also higher loss potential. Before you invest in alternative investments, you should consider your overall financial situation, how much money you have to invest, your need for liquidity and your tolerance for risk. Some or all alternative investment programs may not be suitable for certain investors.



