# Investing Ideas from the Morningstar Index Team

Dan Lefkovitz Index Strategist June 25, 2019



#### **POLL: What's Your Highest Conviction Asset Class for the next 10 Years?**

- 1. US Stocks
- 2. International Stocks
- 3. Bonds
- 4. Commodities

#### **Poll Result**



#### **Morningstar Indexes**

Market exposure

Multi-asset class

### Sustainable global













Strategic beta

economy







Unique Morningstar Indexes

800 +

Investment Products Linked to Morningstar Indexes

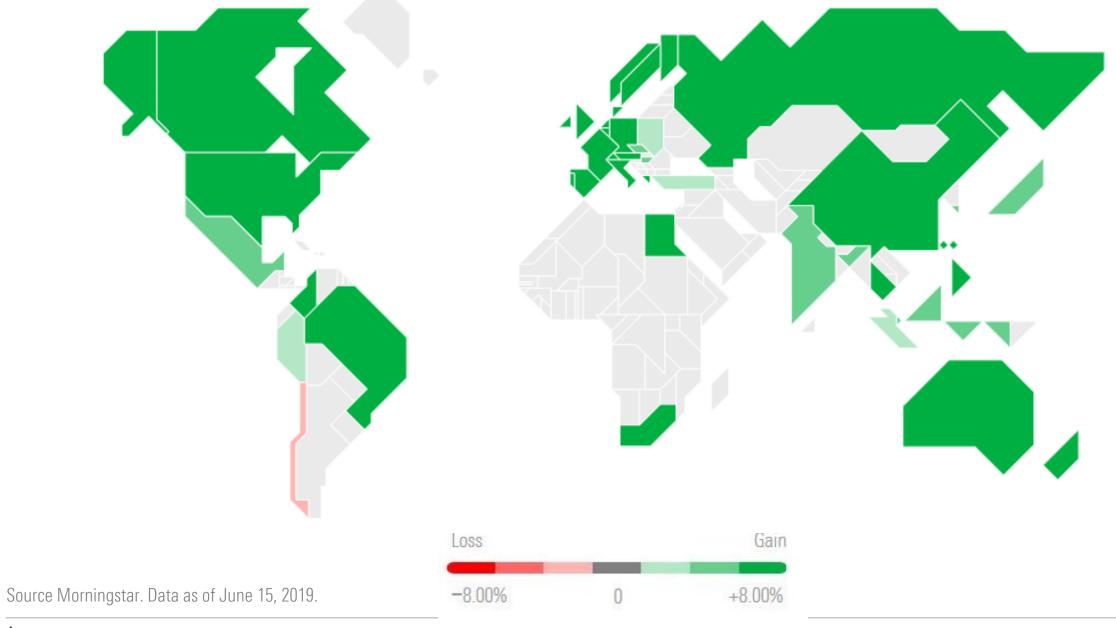
95

AUM Linked/Benchmarked to Morningstar Indexes

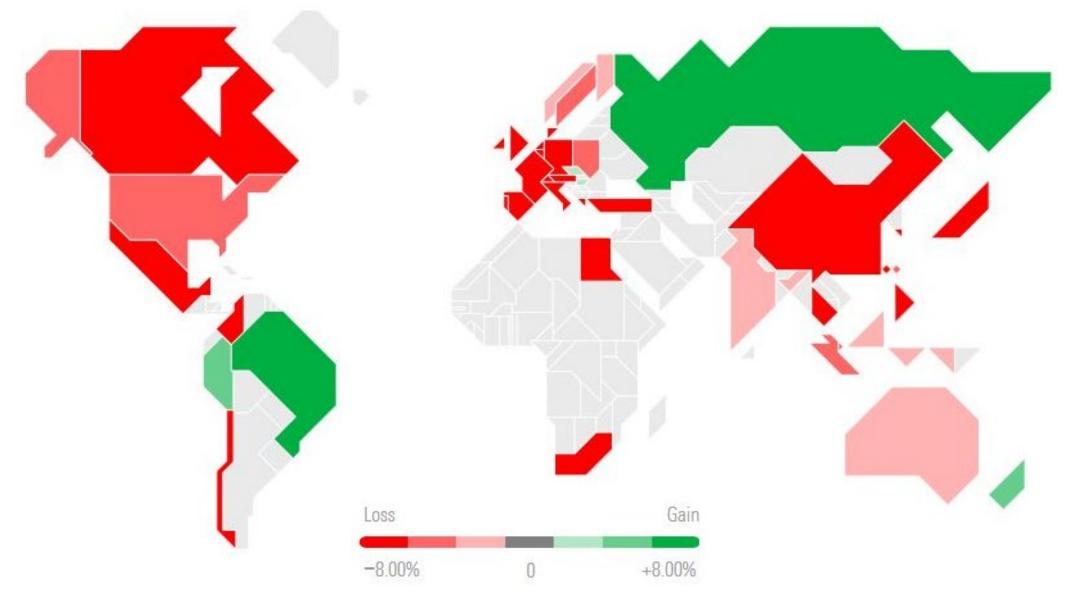
\$58B/\$200B

Source Morningstar. Data as of May 31, 2019.

#### 2019 – So Far, So Good for Global Equity Markets



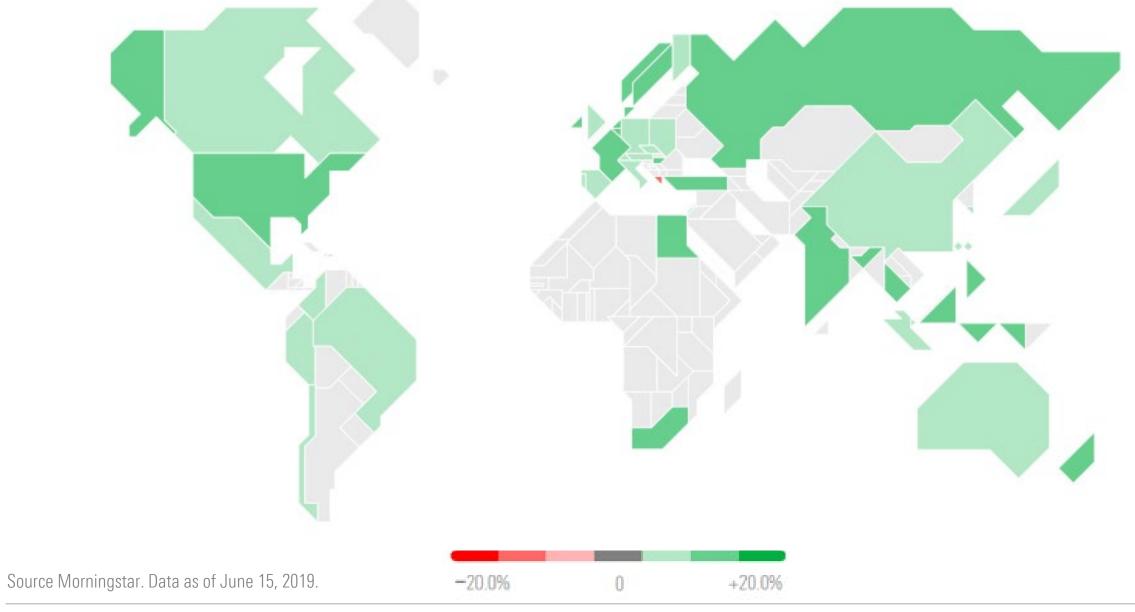
#### 2018 – A Difficult Year for Global Equity Markets



Source Morningstar. Data as of Dec 31, 2018.

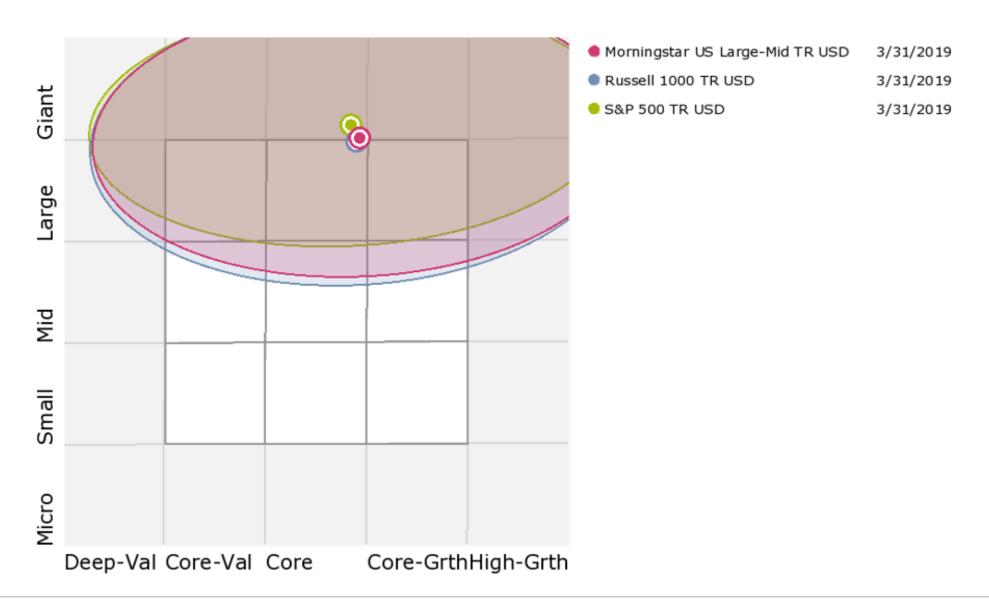


#### **10 Year Returns – Above Long-Term Trend**

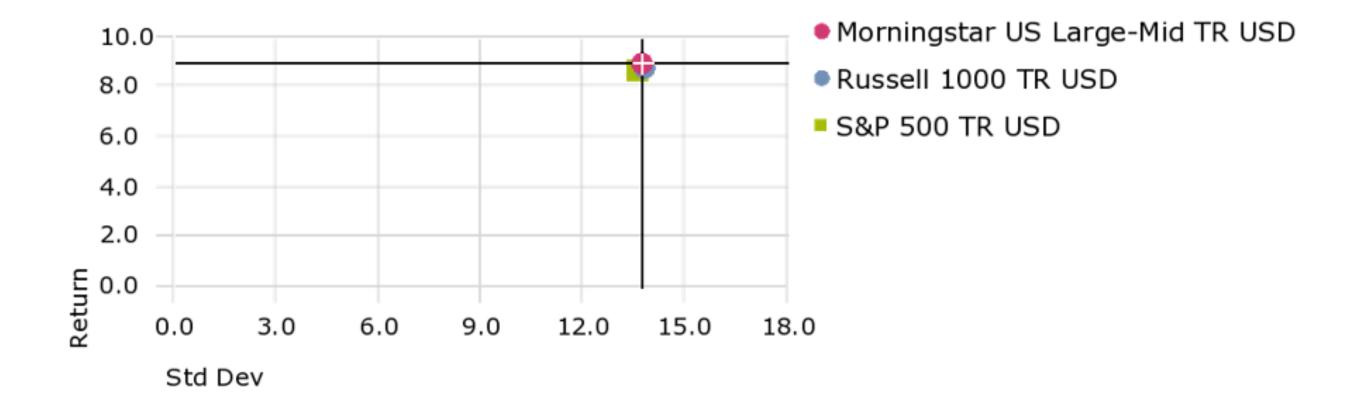




#### Beta is Interchangeable – Holdings Based Style Map



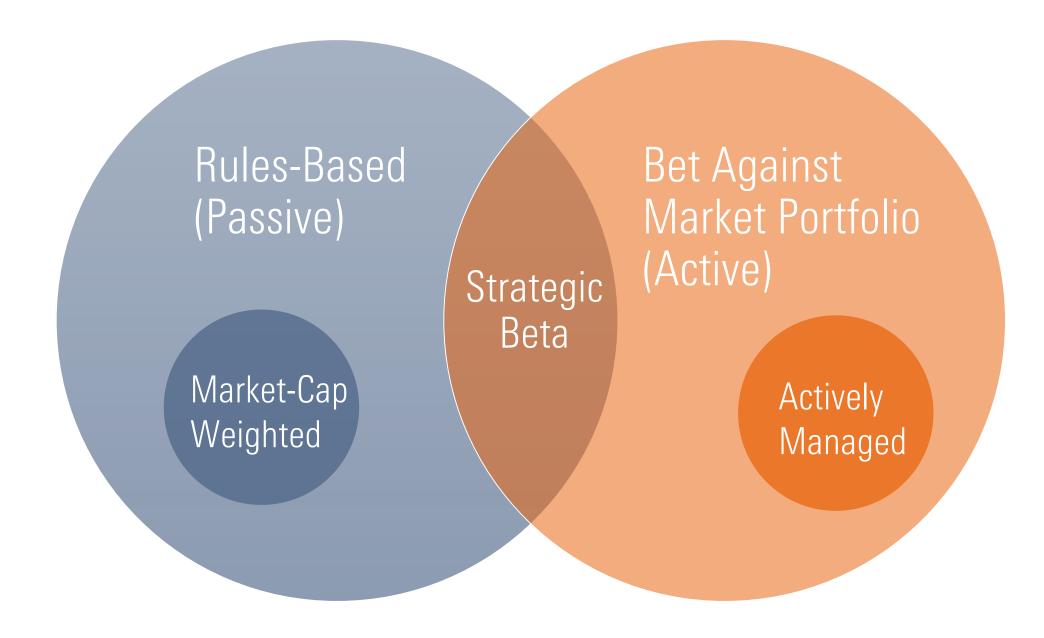
#### Beta is Interchangeable – Risk/Return



Time Period: 4/1/2004 — 3/31/2019

# **Strategic Beta**

#### **Strategic Beta: Active, Passive, or Both?**





#### **Annual Factor Premia**

	Livi i iciilla														
11.8	8.3	9.5	6.3	9.0	2.9	10.1	7.9	3.9	5.1	7.1	3.0	3.5	4.9	4.6	3.6
11.2	7.9	3.8	3.4	2.6	2.0	7.2	7.2	2.6	4.4	6.2	2.9	3.2	4.9	2.1	2.4
3.2	2.8	0.9	2.0	0.9	1.4	3.9	3.9	1.8	4.4	4.9	1.5	2.8	2.4	2.1	1.6
1.7	1.8	-1.3	1.6	0.4	1.1	3.8	2.9	0.0	3.9	1.1	0.8	2.5	2.1	1.4	1.1
-0.1	1.3	-1.7	1.0	-1.4	0.5	2.9	1.3	-0.4	1.1	0.8	0.6	-0.6	-0.9	-0.5	-0.5
-0.1	1.0	-3.6	-0.5	-1.6	0.1	-18.3	-0.2	-0.8	0.5	-0.6	-3.2	-1.2	-2.2	-0.5	-2.5
2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018

Size

Value

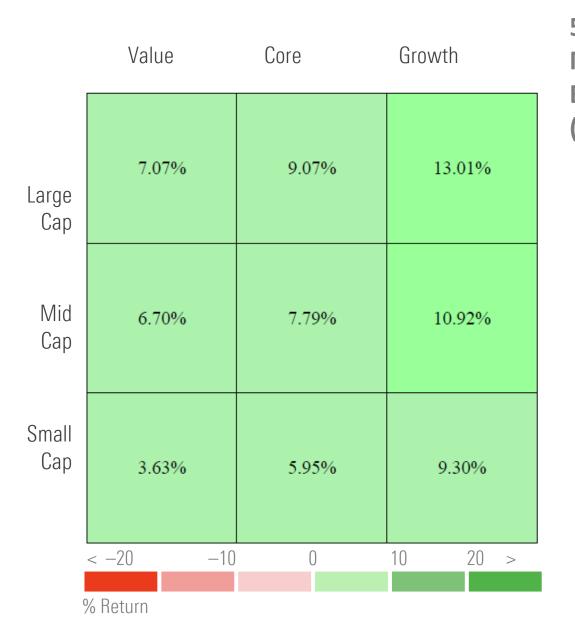
Momentum

Volatility

Quality

Yield

#### **Smart Beta?**



5-Year Morningstar Market Barometer (May 2019)

Source Morningstar Direct. May 31, 2019.



#### **Smart Beta?**

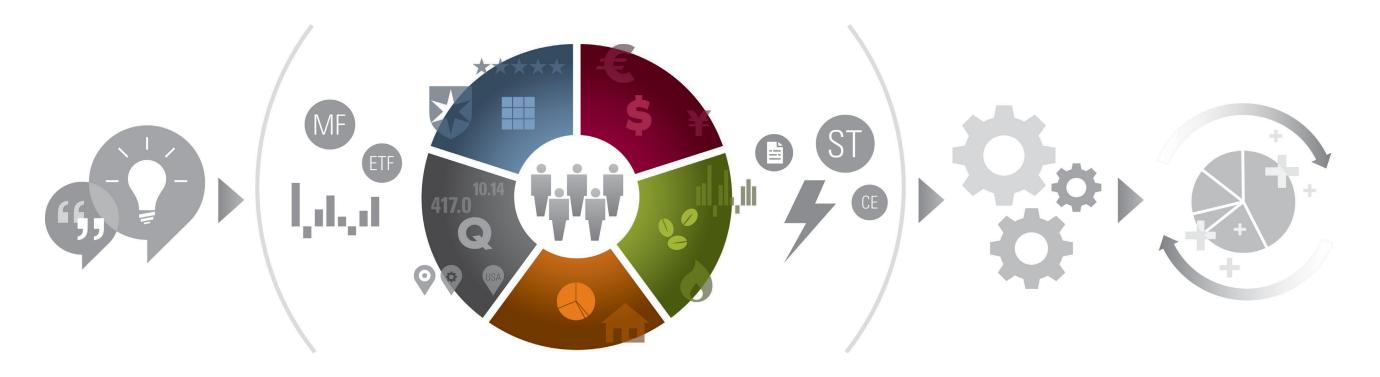


2019 Morningstar Market Barometer (May 2019)

Source Morningstar Direct. Data as of May 31, 2019.



#### Morningstar's Approach to Strategic Beta



Start With a Strong Investment Thesis

Draw from the Morningstar Investment Research Ecosystem

Design a Transparent, Rules-Based Methodology Conduct Intellectually Honest Back-Tests



#### **Morningstar Equity Research**







Source Morningstar. Data as of May 31, 2019.

#### **Morningstar Equity Research Coverage**

Regional Coverage			Market Cap Coverage			Sector Coverage		
Asia	235		Large-cap Stocks	902	<b>W</b>	Cyclical		
				302	A	Basic Materials	126	
Australia/New Zealand	190		Maria Co. I	000	<b>A</b>	Consumer Cyclical	220	
Canada	74		Mid-cap Stocks	393		Financial Services	203	
Callada	74		Small-cap Stocks	220	<b>f</b>	Real Estate	89	
Europe 286			- '		<b>\</b>	Sensitive		
Latin America	25					Communication Services	55	
			The market case were broken down by		•	Energy	105	
Africa and Middle East			The market caps were broken down by the following breakpoints:		<b>‡</b>	Industrials	210	
United States 699		Large cap: 10+ Billion USD Mid-cap:2-10 Billion USD				Technology	156	
Total Global Coverage	1,515		Small-cap: 0-2 Billion USD		<b>→</b>	Defensive		
Total diobal ouverage	1,010				F	Consumer Defensive	123	
						Health Care	149	
Source: Morningstar. Data as	of April 26, 2019.					Utilities	79	



#### Morningstar® Economic Moat™ Rating

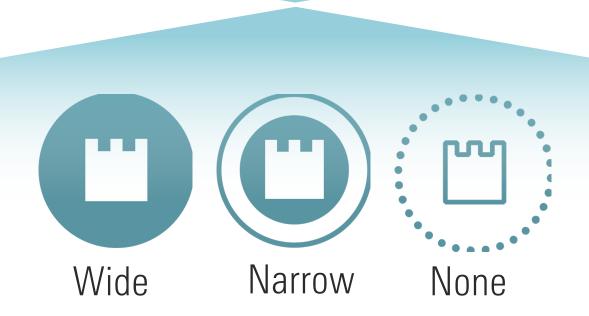
Five Sources of Economic Moat

Intangible Assets

Switching Costs

Network Effect Cost Advantage

Efficient Scale



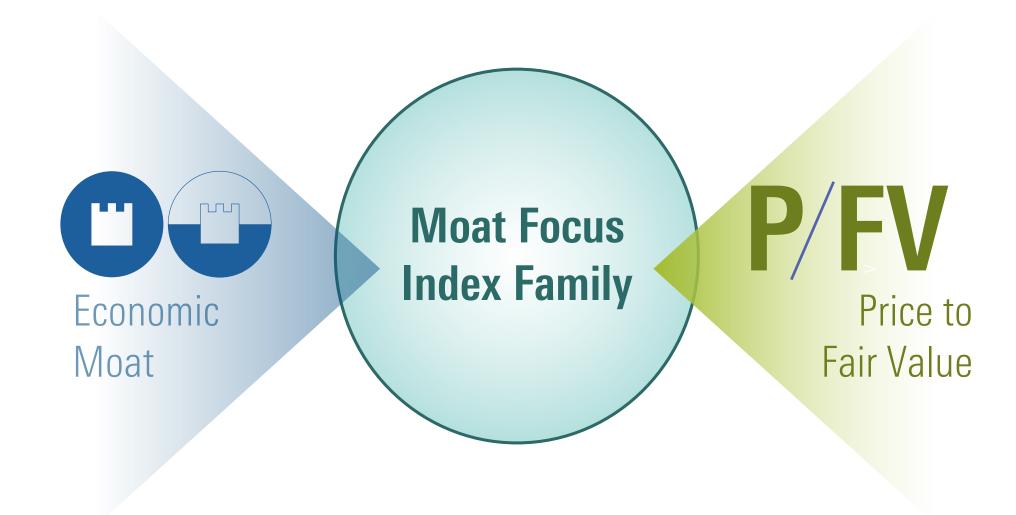


#### Morningstar Equity Research – Discounted Cash Flow Modelling



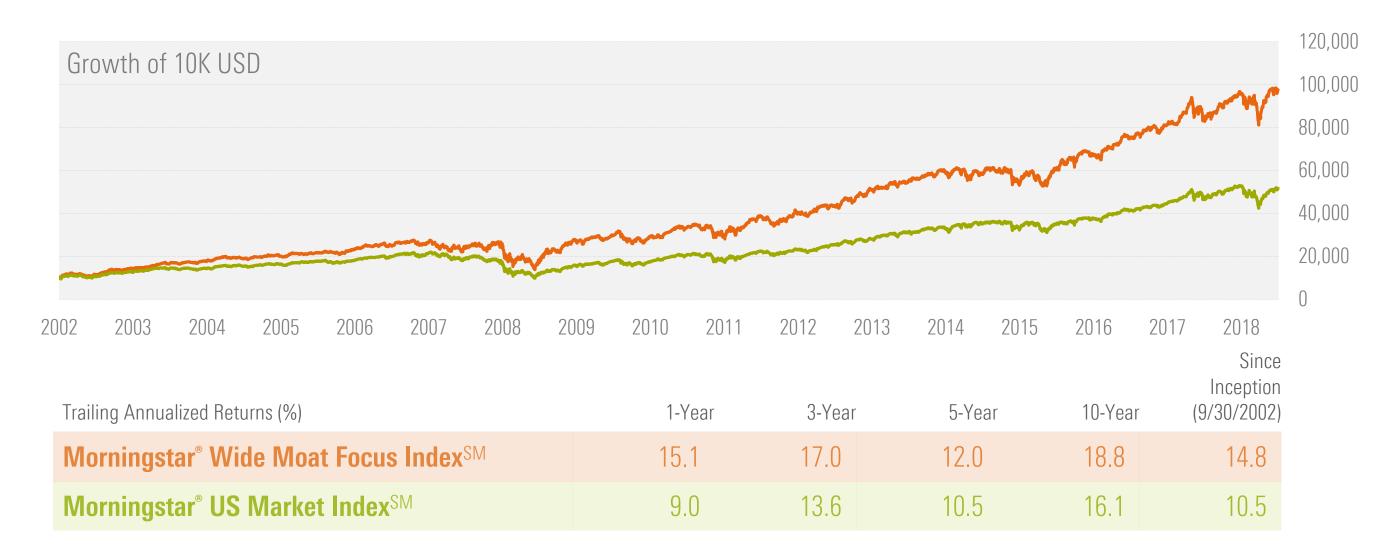


#### Morningstar Indexes' Approach to Strategic Beta





#### Morningstar Wide Moat Focus Index Track Record



Source Morningstar. Data through March 31, 2019.



#### **Moat Focus Index Valuation**

Index Name	Price / Fair Value
Morningstar US Market	1.01
Morningstar (US) Wide Moat Focus	0.87
Morningstar Global Markets ex-US	0.95
Morningstar Global ex-US Moat Focus	0.76

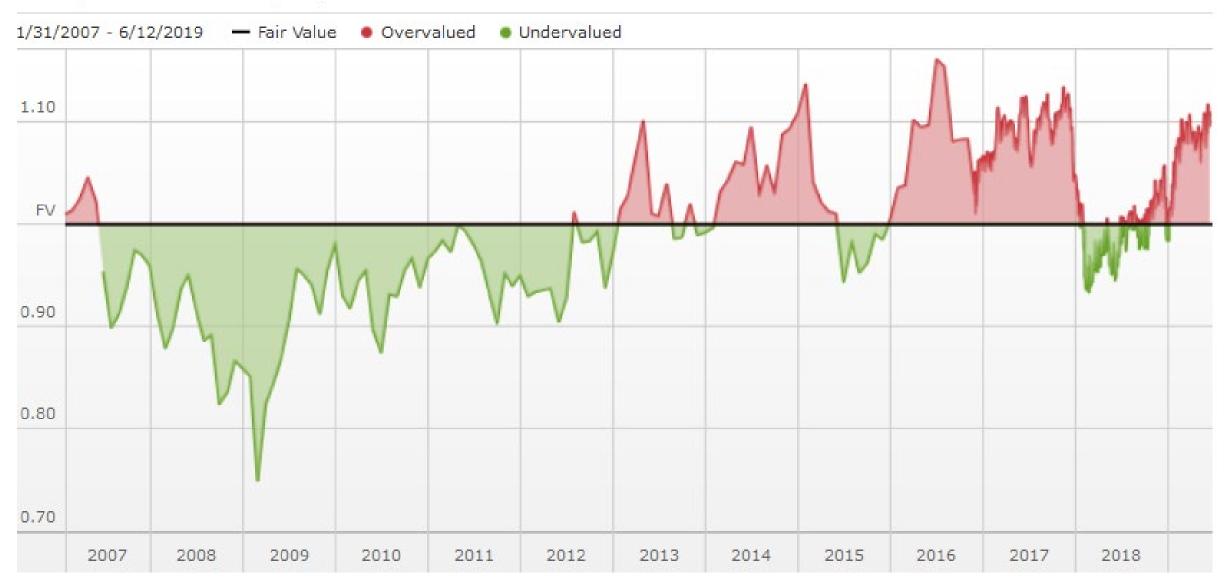
#### **Moat Focus – Good Values**

Index Constituent	Price / Fair Value (1.00=Fair Value)
Compass Minerals	0.67
Jones Lang LaSalle	0.73
Microchip Technology	0.75
Amazon.com	0.78
General Dynamics	0.84

Source Morningstar. Data as of June 15, 2019.

#### **Utilities – Overvalued**

Coverage Universe: Utilities | Today's Ratio: 1.11



Source Morningstar Direct. Data as of June 15, 2019.



# Sustainability

#### **Dimensions of Sustainability**

Exclude stocks

Mitigate Risk

Solve world's problems

#### Values Alignment

Includes Traditional SRI Screens



# **ESG** Integration

Integrating ESG factors for the purposes of alpha generation and risk mitigation



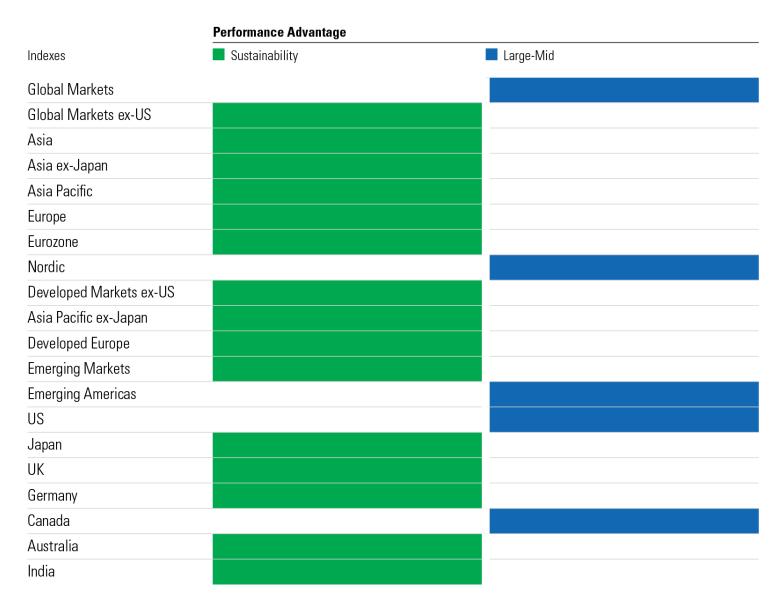
### Impact/ Thematic

ESG theme from the point of view of positive impact





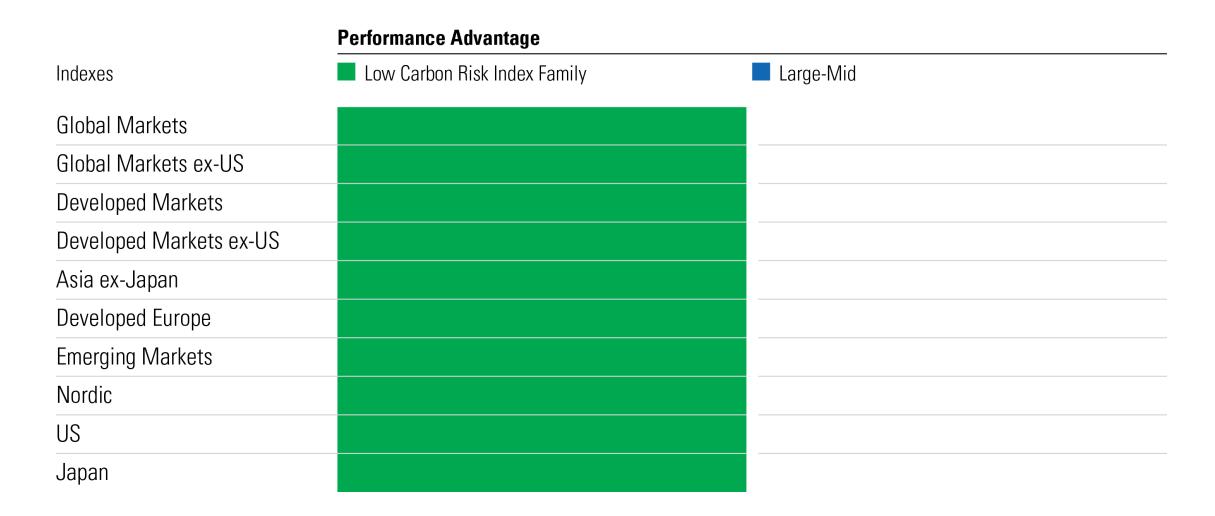
#### **Morningstar ESG-Screened Index Performance**



Source: Morningstar Direct. Data as of 31 December 2018. Inception date December 2009/December 2011.



#### Morningstar Low Carbon Risk Index Performance



Source: Morningstar Direct. Data as of 31 December 2018. Inception date December 2009/December 2011.

#### Morningstar Sustainability Indexes: Risk Factor Exposures





### Fixed-Income

### "return-free risks"

"end of the 30-year bull market for bonds"

"no longer a **safe** investment bet"

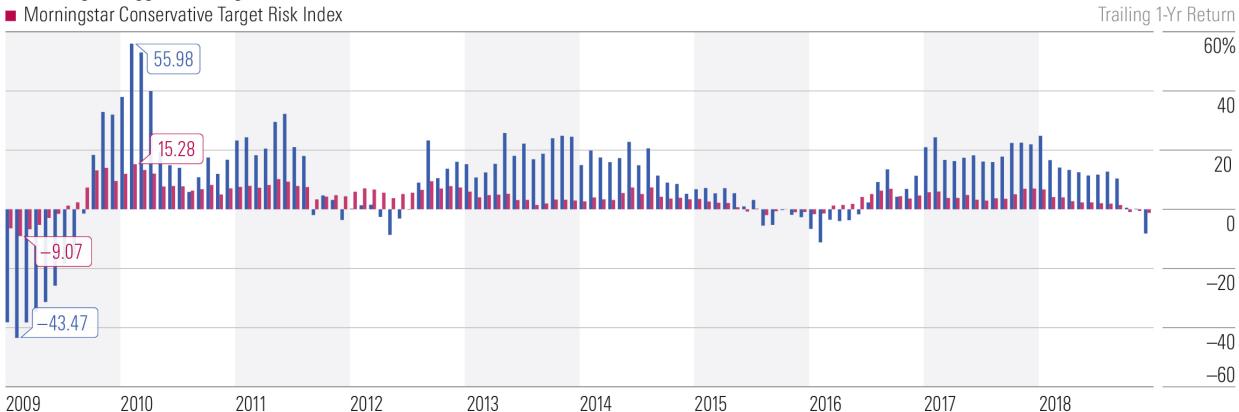


#### **Multi-Asset Investing – A Decade of Equity Dominance**

Index	10-Yr Annlzd Ret %
Morningstar Aggressive Target Risk Index	10.61
Morningstar Moderately Aggressive Target Risk Index	9.48
Morningstar Moderate Target Risk Index	7.97
Morningstar Moderately Conservative Target Risk Index	6.26
Morningstar Conservative Target Risk Index Source Morningstar Direct. Data as of Dec. 31, 2018.	4.37

#### **Bonds – Dampening Portfolio-level Volatility**

■ Morningstar Aggressive Target Risk Index



Source: Morningstar Direct. Data from Jan. 1, 2009, through Dec. 31, 2018.



#### **Multi-Asset Investing – Bonds Sometimes Beat Stocks**

Index	"Lost Decade" Ret% Jan 1999-Dec 2008
Morningstar Aggressive Target Risk Index	2.06
Morningstar Moderately Aggressive Target Risk Index	3.01
Morningstar Moderate Target Risk Index	3.90
Morningstar Moderately Conservative Target Risk Index	4.52
Morningstar Conservative Target Risk Index	5.17

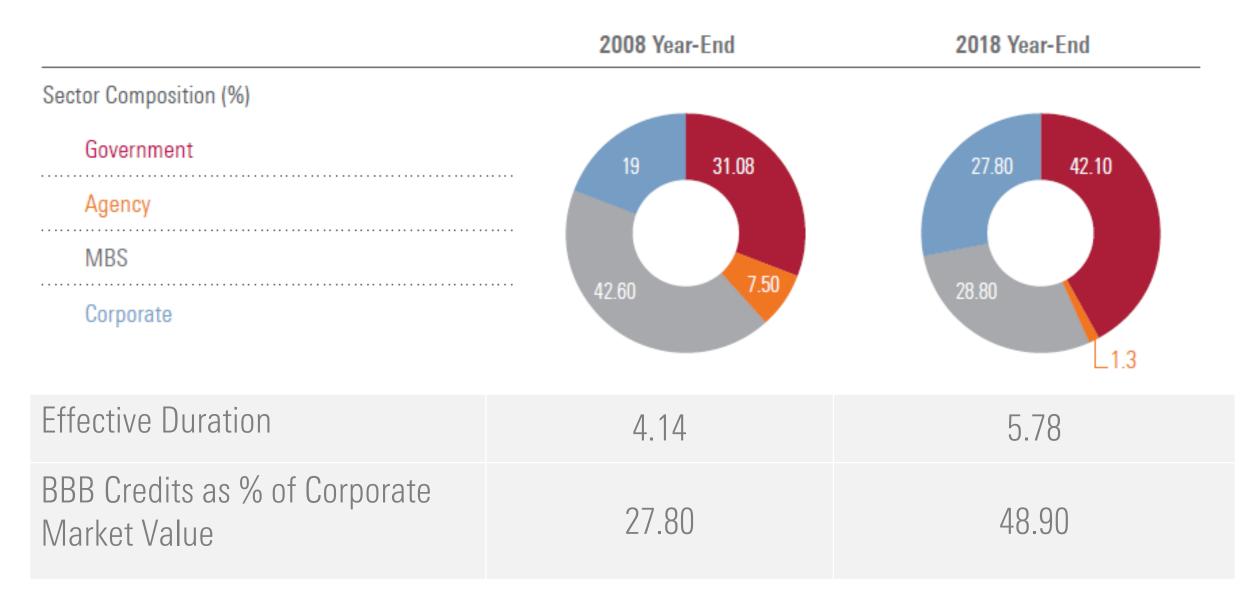
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#### **Fixed Income Landscape: Fundamental Shifts**

Market Composition
Secular Shift Towards Passive
Index Industry Transformation
Liquidity Challenges



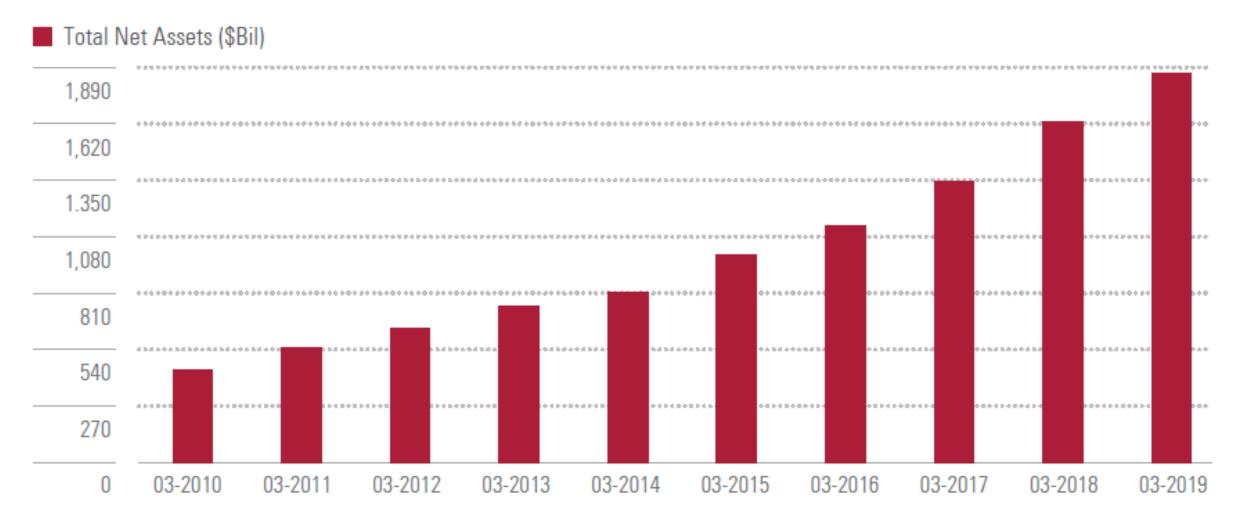
#### Morningstar Core Bond Index: Sector Composition



Source: Morningstar Indexes



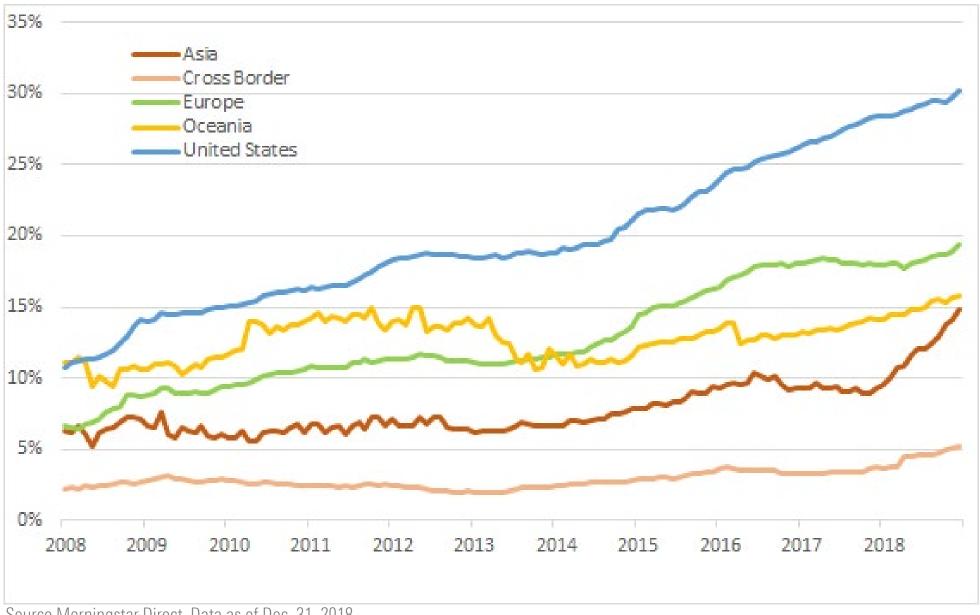
#### **Index-Tracking Fixed Income Mutual Funds and ETFs (Worldwide)**



Source: Morningstar Direct



### **Passive Share Rising – Fixed Income**



Source Morningstar Direct. Data as of Dec. 31, 2018.

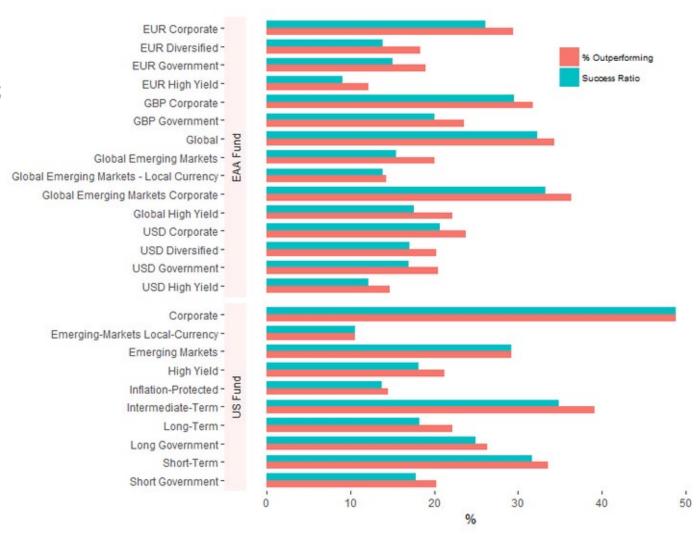


#### **Bond Investing: Active v. Passive**

25 Fixed Income Categories Studied

Median Fund Outperforms Gross of Fees
 13/25

Median Fund Outperforms Net of Fees
 0/25



Dobrescu, Li, and Motola, "Finding Bond Funds That Can Beat Their Benchmarks After Fees." Morningstar. May 2018.



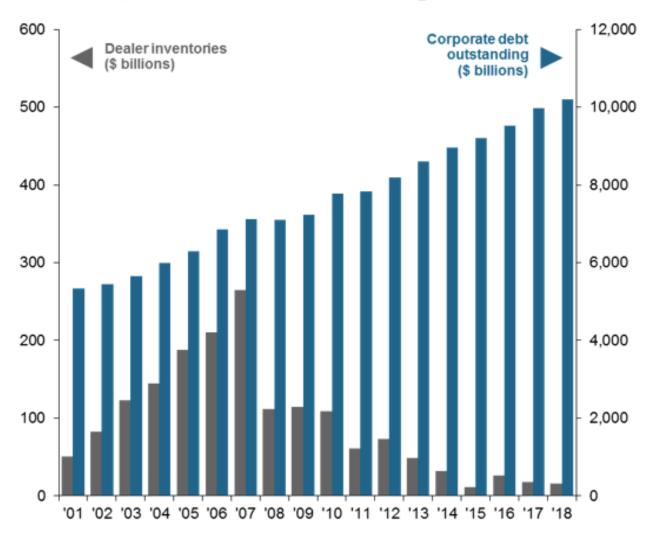
### **Bond Indexing**





### **Fixed Income Liquidity Challenges**

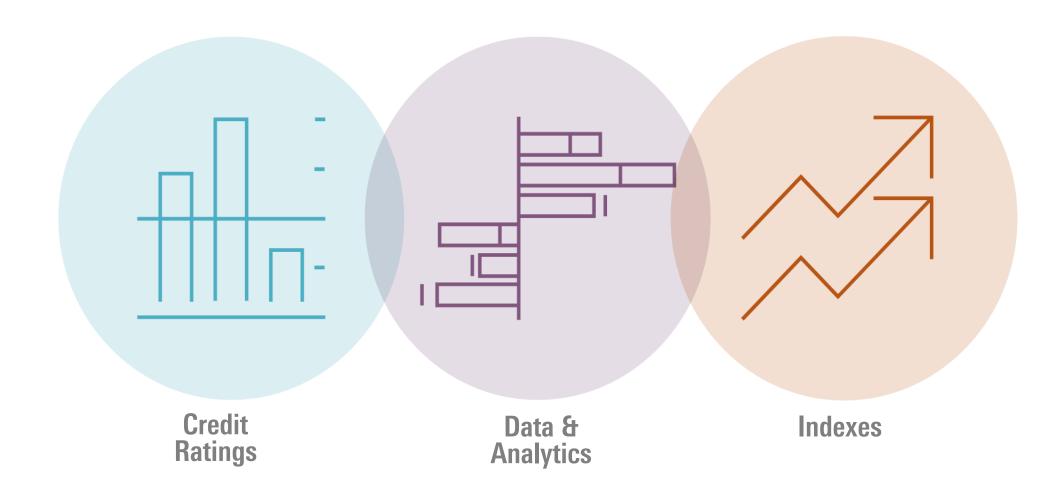
#### U.S. corporate debt outstanding and dealer inventories



Source: Federal Reserve Bank of New York, SIFMA, J.P. Morgan Asset Management. US corporate debt outstanding is the Barclays US Corporate Investment Grade. Data are as of April 16, 2019.



### **Morningstar Fixed-Income Solutions**

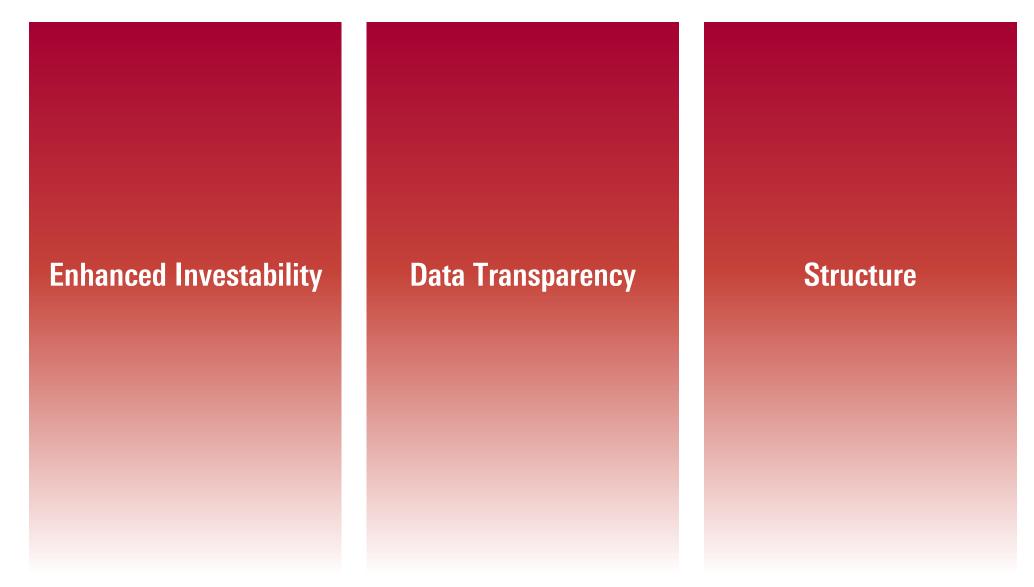






Bond indexes spanning the globe



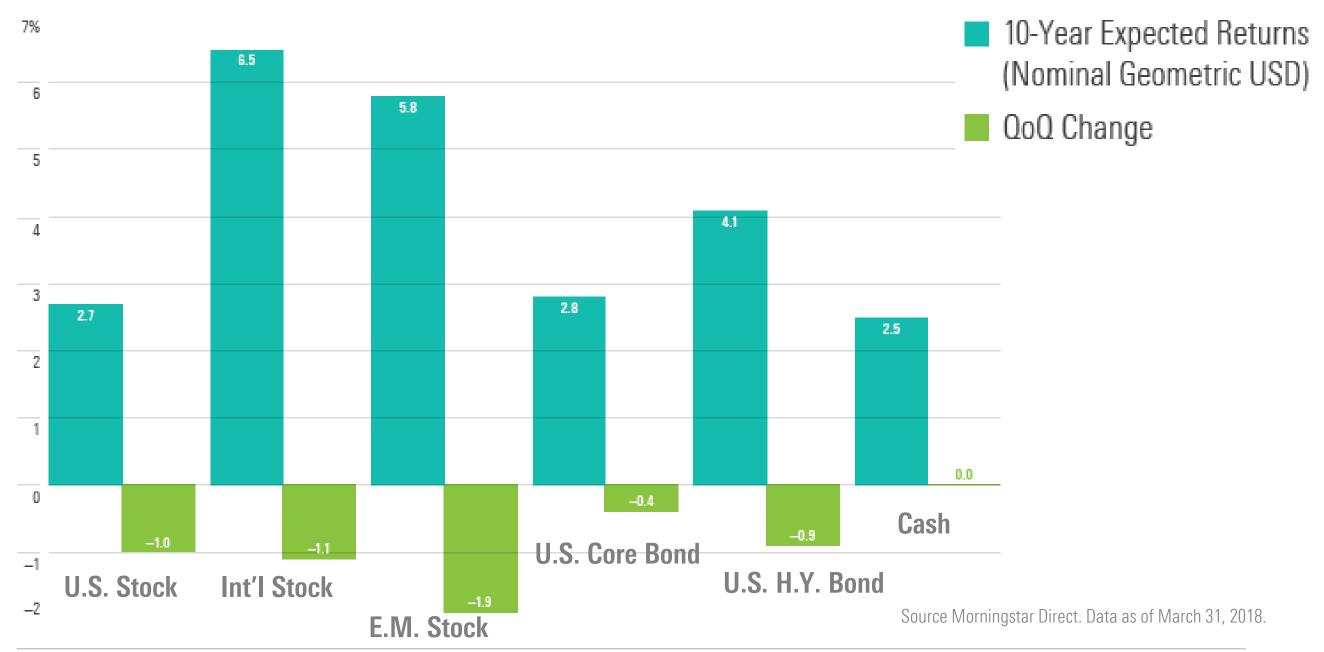


## Morningstar Bond Indexes: Value Proposition



## **Asset Class Outlook**

#### Morningstar's 10-Year Asset Class Expected Returns



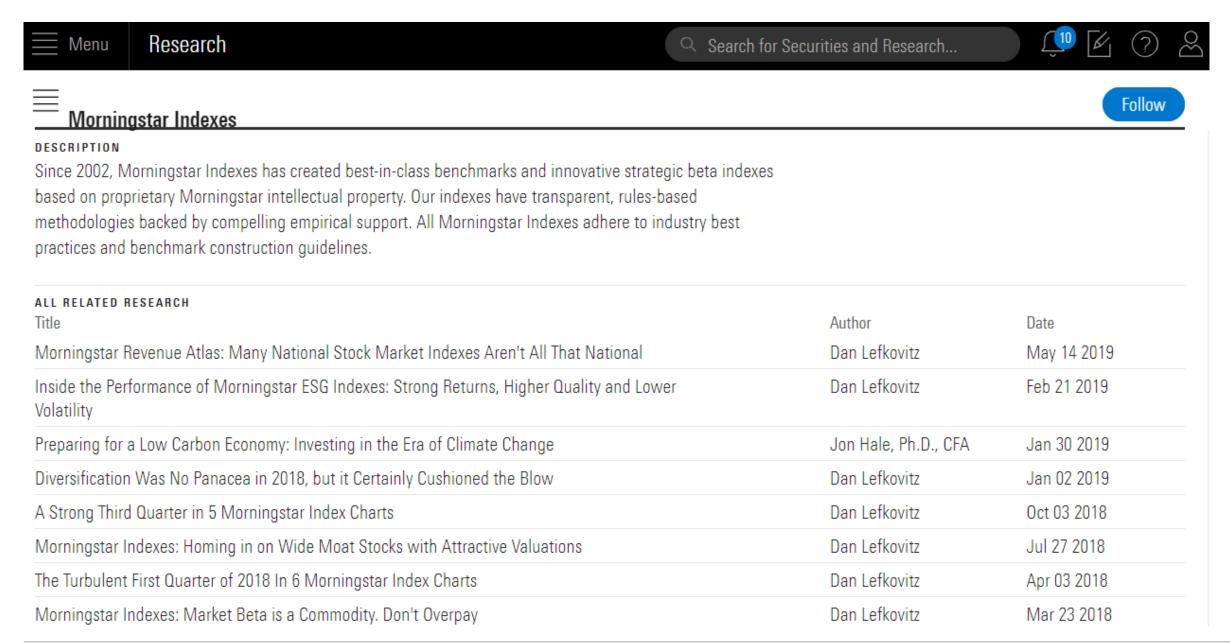


### **Asset Class Tilts - Equities**

Value
Small
International
Emerging



### Morningstar Research (Direct & Office Cloud)





# Questions?