WILSHIRE ASSOCIATES

Wilshire Consulting

NMI Settlement Fund

Quarterly Investment Summary

December 31, 2019

Wilshire Consulting

YOU'RE INVITED!

38th Annual Client Conference

Sunday, April 5th – Tuesday, April 7th

The Ritz-Carlton
Marina del Rey, California

Designed to review the current market environment, propose thought-leading investment strategies, and provide networking opportunities for our clients.

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MARKET COMMENTARY

U.S. Equity

The U.S. stock market was up 9.1% for the fourth quarter of 2019 and 31.0% for the full year. This marks the strongest year for U.S. equities since 2013. In December, the U.S. and China agreed to terms on a “Phase One” trade deal that is reported to reduce U.S. tariffs and increase Chinese purchases of some U.S. products.

The year 2019 was a sensational year for investing. U.S. equities were as strong as they have been in six years – while international equities also produced double-digit returns. U.S. core bonds were even more remarkable with returns not seen since 2002. Of course, the important question is what can we expect from here? The curve is no longer inverted so there is some reward for taking duration risk. The equity risk premium is higher than what is typical but the absolute equity forecast is still quite depressed.

Non-U.S. Equity

News out of Britain is mixed with notable economic weakness in the manufacturing and services sectors. However, consumer sentiment surveys are improving after a fourth-quarter election resulted in strong support for a pro-Brexit government. Japan experienced its fourth consecutive quarter of expansion during 2019, while also beating forecasts. China benefitted from good news on the trade front although the country’s economic growth has cooled to near 30-year lows.

Fixed Income

The U.S. Treasury yield curve fell in the short portion of the curve but rose across intermediate and long-term maturities. The FOMC decreased its overnight rate by 0.25% at the October meeting. The committee members are nearly unanimous about not changing rates at all during 2020.

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DECEMBER 2019 ASSET CLASS ASSUMPTIONS

	EQUITY						FIXED INCOME					
	US Stock	Dev ex-US Stock	Emg Stock	Global ex-US Stock	Global Stock	Private Equity	Cash	Core Bond	LT Core Bond	TIPS	High Yield	Dev ex-US Bond (Hdg)
COMPOUND RETURN (%)	5.75	6.25	6.25	6.50	6.20	7.95	1.85	2.85	3.25	2.15	4.30	1.05
ARITHMETIC RETURN (%)	7.05	7.70	9.20	8.10	7.55	11.30	1.85	3.00	3.70	2.35	4.75	1.10
EXPECTED RISK (%)	17.00	18.00	26.00	18.95	17.10	28.00	1.25	5.15	9.85	6.00	10.00	3.50
CASH YIELD (%)	1.75	3.25	2.50	3.05	2.30	0.00	1.85	3.10	4.30	2.45	7.80	1.70
CORRELATIONS												
US Stock	1.00											
Dev ex-US Stock (USD)	0.81	1.00										
Emerging Mkt Stock	0.74	0.74	1.00									
Global ex-US Stock	0.83	0.96	0.87	1.00								
Global Stock	0.95	0.92	0.83	0.94	1.00							
Private Equity	0.74	0.64	0.62	0.67	0.74	1.00						
Cash Equivalents	-0.05	-0.09	-0.05	-0.08	-0.07	0.00	1.00					
Core Bond	0.28	0.13	0.00	0.09	0.20	0.31	0.19	1.00				
LT Core Bond	0.31	0.16	0.01	0.12	0.23	0.32	0.11	0.93	1.00			
TIPS	-0.05	0.00	0.15	0.05	0.00	-0.03	0.20	0.60	0.47	1.00		
High Yield Bond	0.54	0.39	0.49	0.45	0.51	0.34	-0.10	0.25	0.32	0.05	1.00	
Dev ex-US Bond (Hdg)	0.16	0.25	-0.01	0.18	0.18	0.26	0.10	0.67	0.66	0.39	0.26	1.00
US RE Securities	0.59	0.47	0.44	0.49	0.56	0.50	-0.05	0.17	0.23	0.10	0.56	0.05
Global RE Securities	0.65	0.59	0.56	0.62	0.66	0.58	-0.05	0.17	0.22	0.11	0.62	0.03
Private Real Estate	0.54	0.44	0.44	0.47	0.52	0.51	-0.05	0.19	0.25	0.09	0.57	0.05
Commodities	0.25	0.34	0.39	0.38	0.32	0.27	0.00	-0.02	-0.02	0.25	0.29	-0.10
Real Assets	0.42	0.43	0.50	0.48	0.47	0.43	0.01	0.24	0.25	0.41	0.53	0.06
Inflation (CPI)	-0.10	-0.15	-0.13	-0.15	-0.13	-0.10	0.10	-0.12	-0.12	0.15	-0.08	-0.08

	REAL ASSETS					
	Real Estate					
	US RES	Global RES	Private RE	Cmdty	Real Assets	US CPI
COMPOUND RETURN (%)	5.00	5.20	6.60	3.60	5.90	1.75
ARITHMETIC RETURN (%)	6.35	6.35	7.50	4.65	6.25	1.75
EXPECTED RISK (%)	17.00	15.80	14.00	15.00	8.75	1.75
CASH YIELD (%)	3.70	3.70	2.55	1.85	2.50	0.00
CORRELATIONS						
US Stock						
Dev ex-US Stock (USD)						
Emerging Mkt Stock						
Global ex-US Stock						
Global Stock						
Private Equity						
Cash Equivalents						
Core Bond						
LT Core Bond						
TIPS						
High Yield Bond						
Dev ex-US Bond (Hdg)						
US RE Securities	1.00					
Global RE Securities	0.94	1.00				
Private Real Estate	0.78	0.76	1.00			
Commodities	0.25	0.28	0.25	1.00		
Real Assets	0.65	0.69	0.69	0.59	1.00	
Inflation (CPI)	0.05	0.03	0.05	0.44	0.26	1.00

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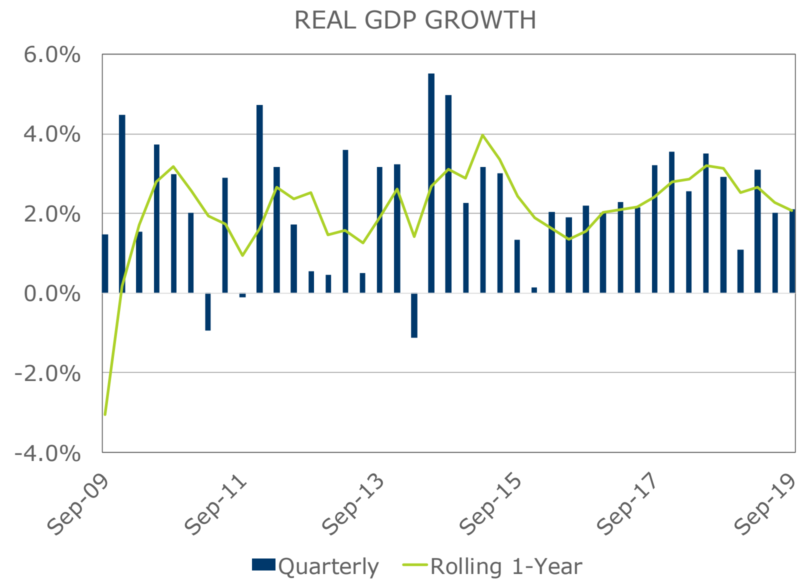
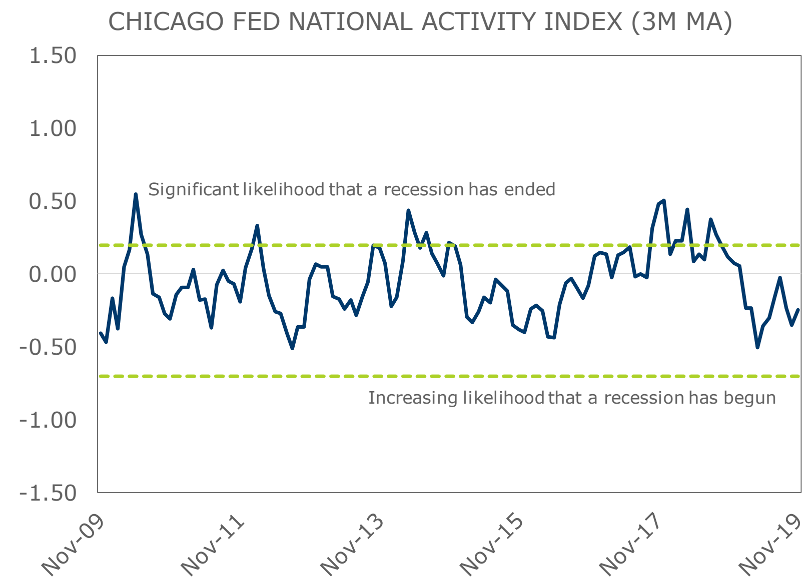
ECONOMIC GROWTH





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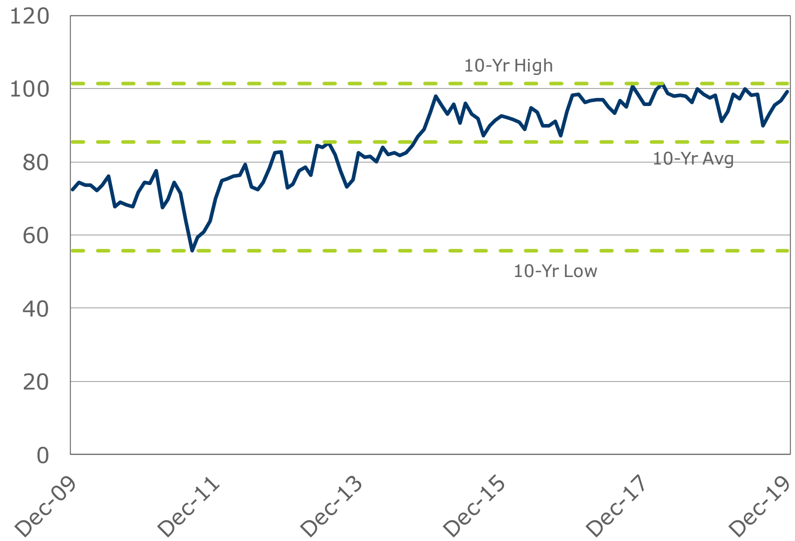
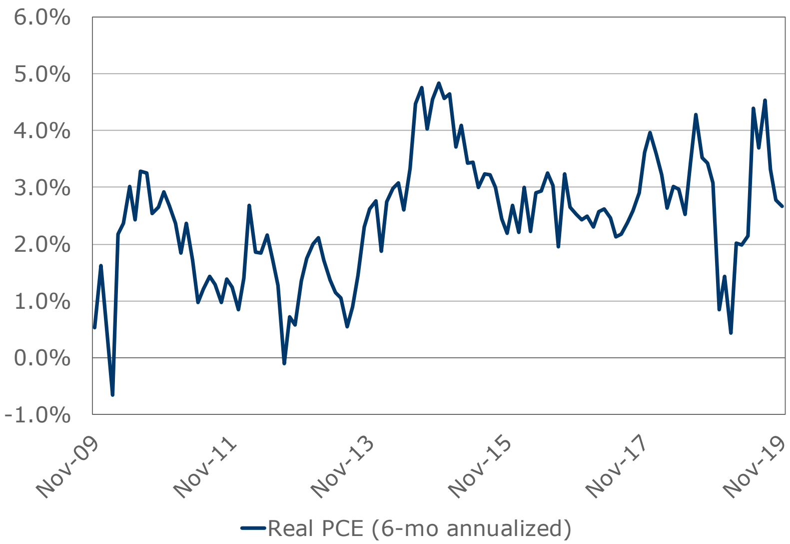
Data source: Bloomberg

CONSUMER ACTIVITY

UNIVERSITY OF MICHIGAN: CONSUMER SENTIMENT



REAL PERSONAL CONSUMPTION EXPENDITURES



AVERAGE HOURLY EARNINGS

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Data source: Bloomberg

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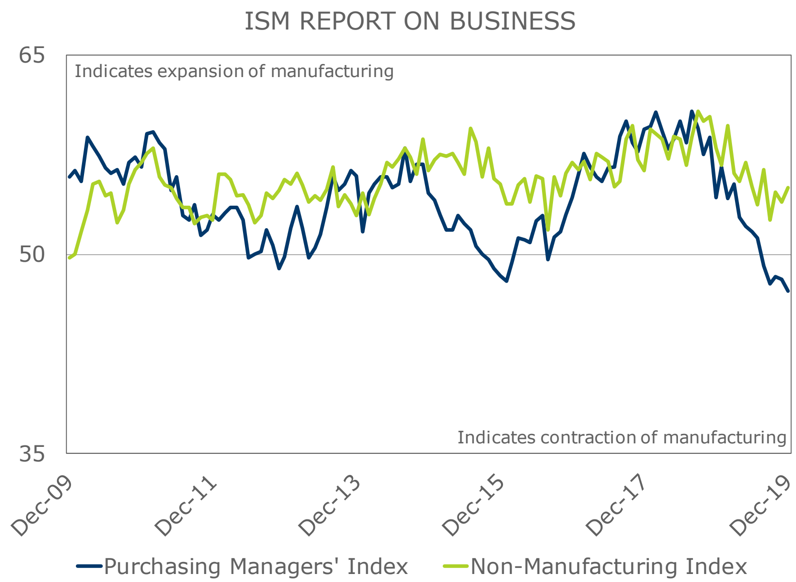
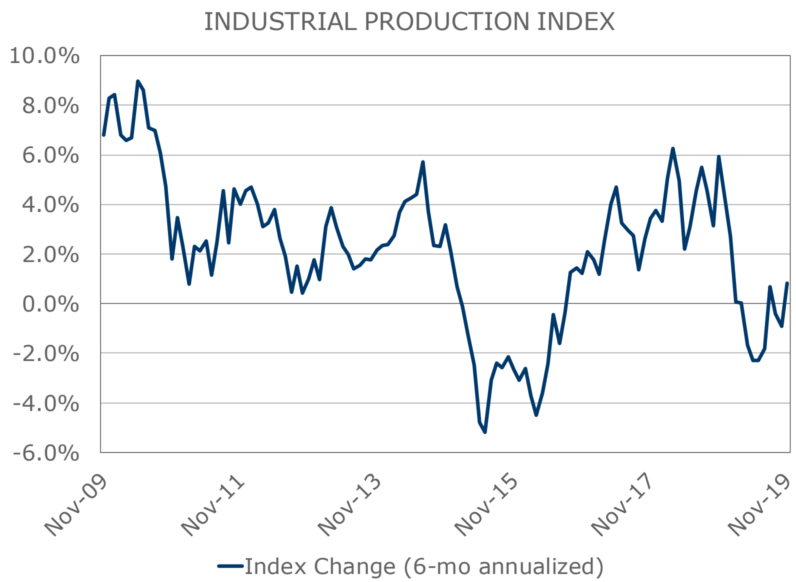
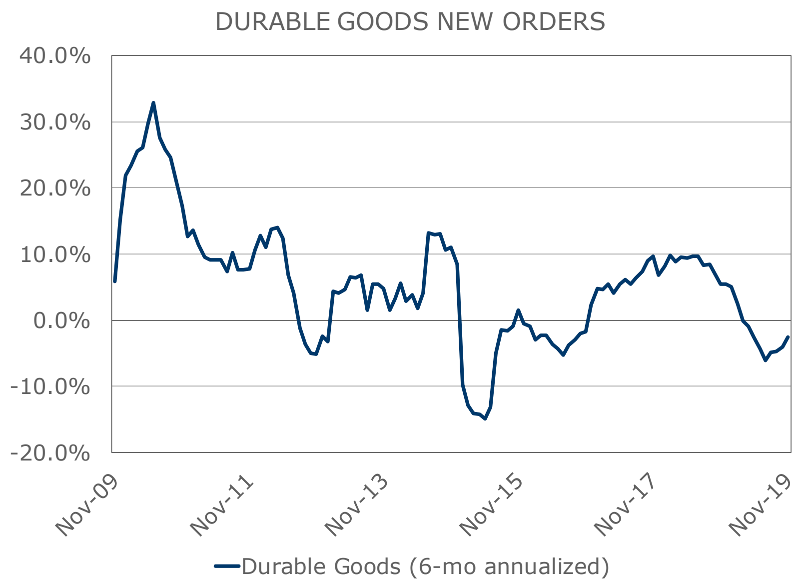
BUSINESS ACTIVITY







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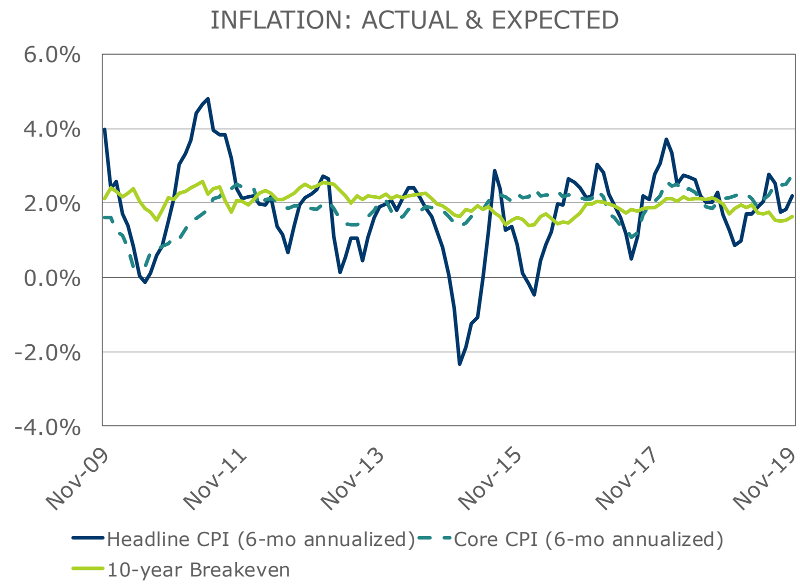
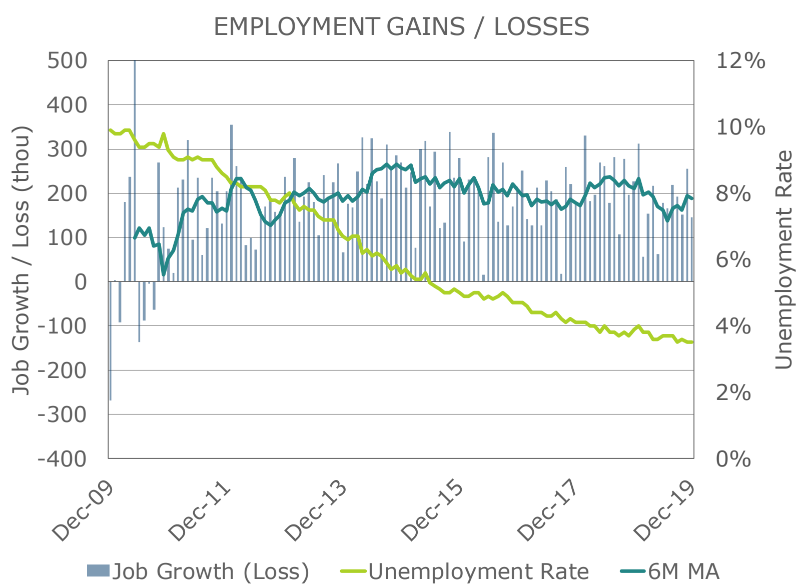
INFLATION AND EMPLOYMENT





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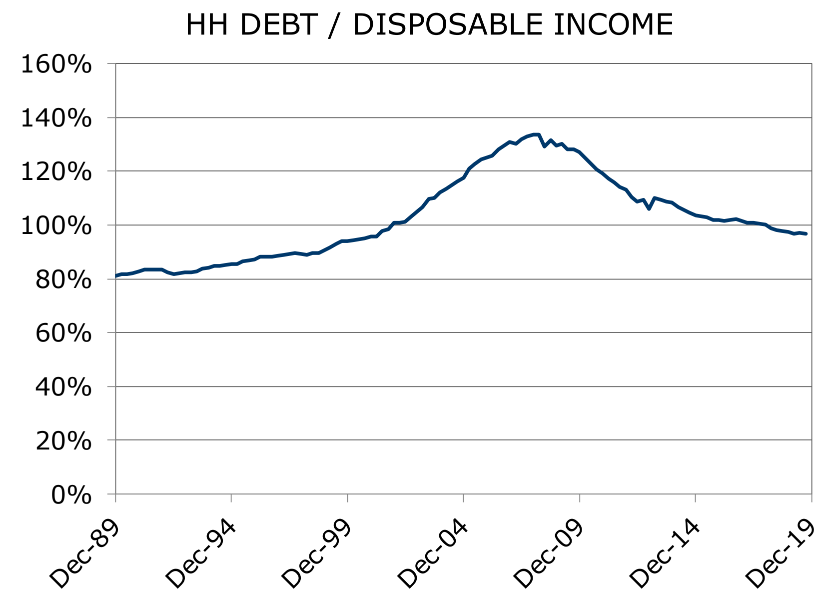
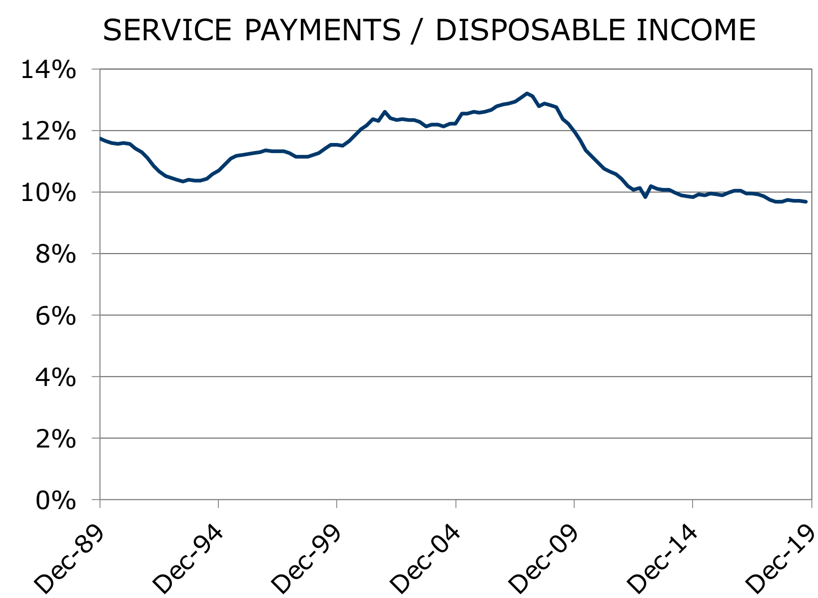
Data source: Bloomberg

HOUSEHOLD DEBT

- Consumers continue to improve their outstanding debt conditions, now holding less debt than their disposable personal income



- Service payments – the amount necessary to pay interest and principal on outstanding debt – are as low as they have been in decades, again as a percent of disposable income



Data sources: Federal Reserve

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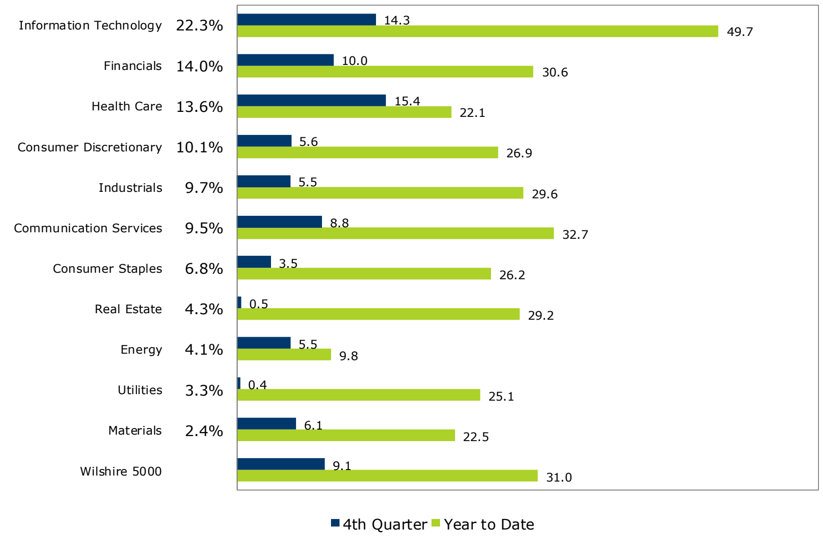
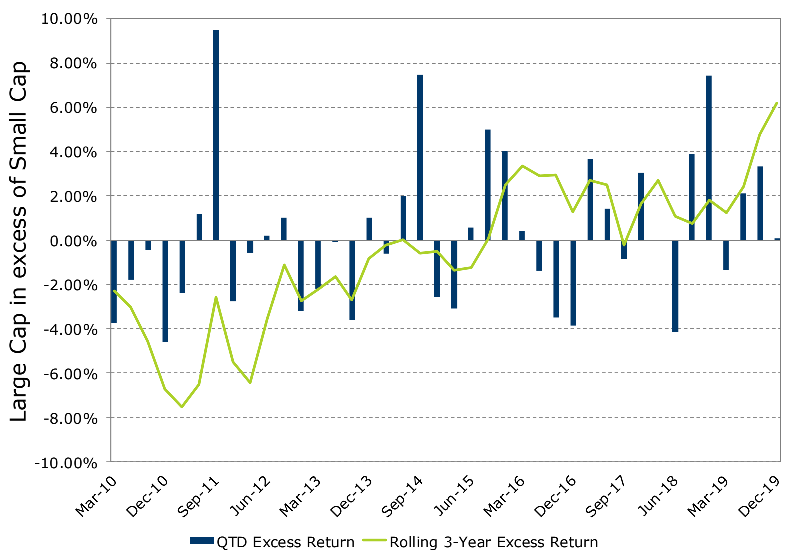
U.S. EQUITY MARKET

AS OF DEC 31, 2019	QTR	YTD	1 YR	3 YR	5 YR	10 YR
WILSHIRE 5000 INDEX	9.1	31.0	31.0	14.5	11.4	13.4
WILSHIRE U.S. LARGE CAP	9.1	31.5	31.5	15.2	11.7	13.5
WILSHIRE U.S. SMALL CAP	9.0	26.2	26.2	8.5	8.3	12.6
WILSHIRE U.S. LARGE GROWTH	11.2	35.8	35.8	18.7	13.5	14.5
WILSHIRE U.S. LARGE VALUE	7.1	27.7	27.7	11.8	9.9	12.6
WILSHIRE U.S. SMALL GROWTH	10.1	29.5	29.5	11.8	9.1	13.3
WILSHIRE U.S. SMALL VALUE	8.0	23.1	23.1	5.2	7.3	11.7
WILSHIRE REIT INDEX	-1.1	25.8	25.8	7.6	6.9	11.9
MSCI USA MIN. VOL. INDEX	2.9	27.1	27.1	14.9	11.8	13.5
FTSE RAFI U.S. 1000 INDEX	8.3	28.0	28.0	11.0	9.4	12.9

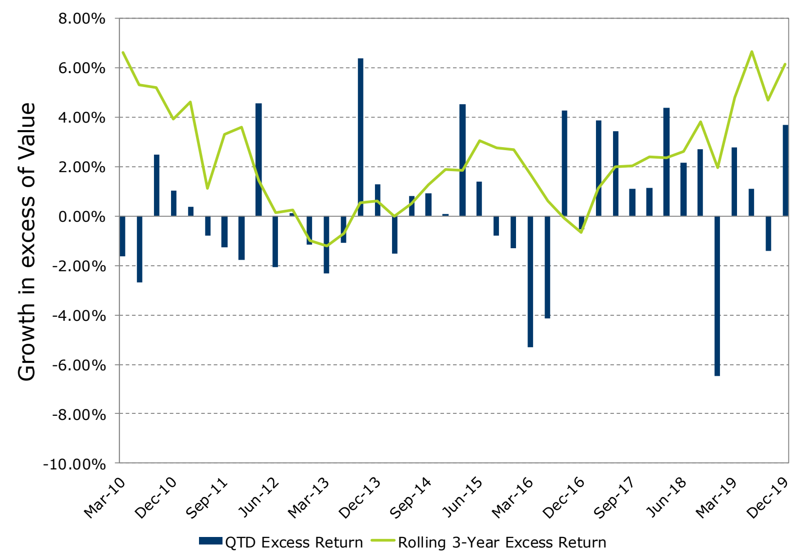
WILSHIRE 5000 SECTOR WEIGHT & RETURN (%)



LARGE CAP VS SMALL CAP



GROWTH VS VALUE



Data sources: Wilshire Compass, Wilshire Atlas

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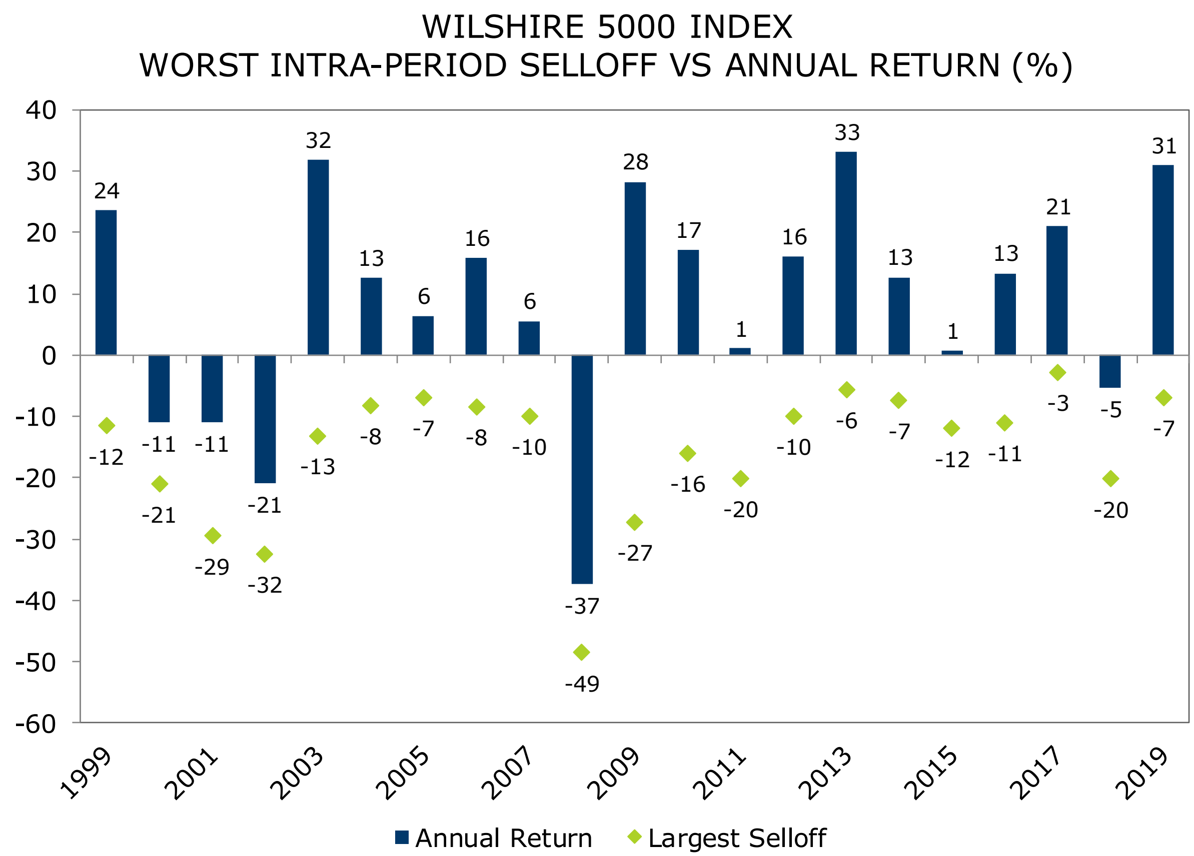
ANNUAL RETURNS

- Last year was the strongest year for equities since 2013
- Worst sell-off last year was relatively mild compared to the past 20 years



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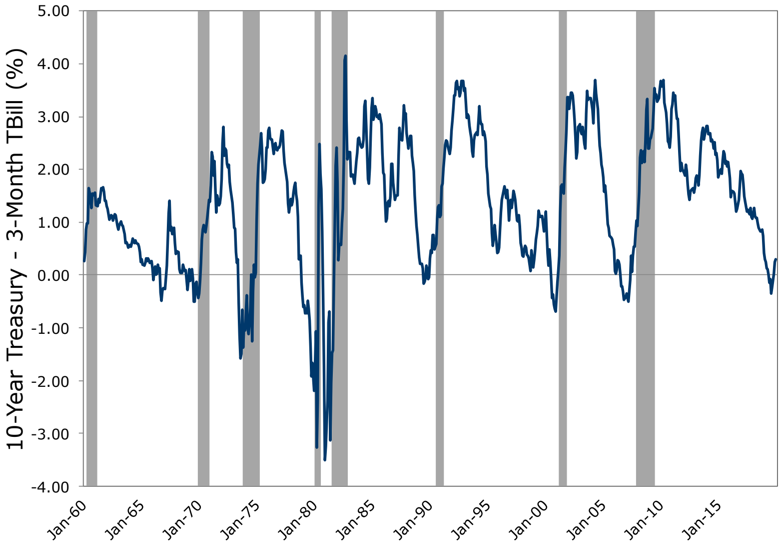
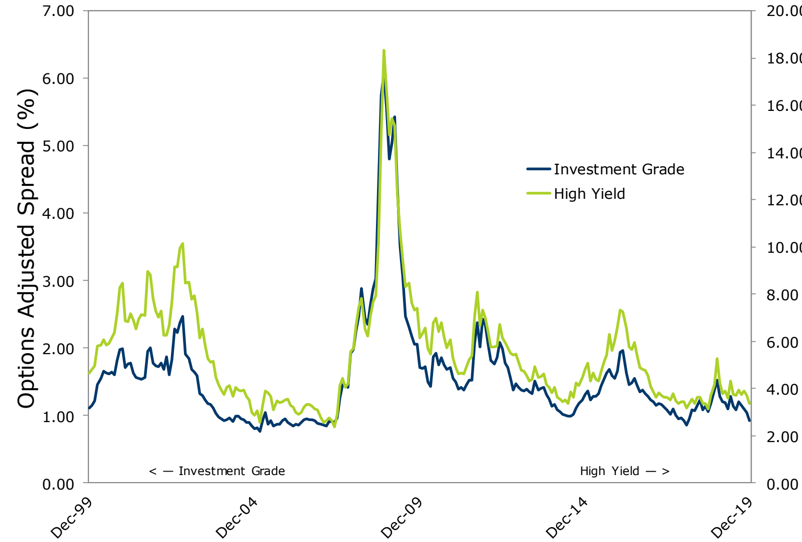
RISK MONITOR

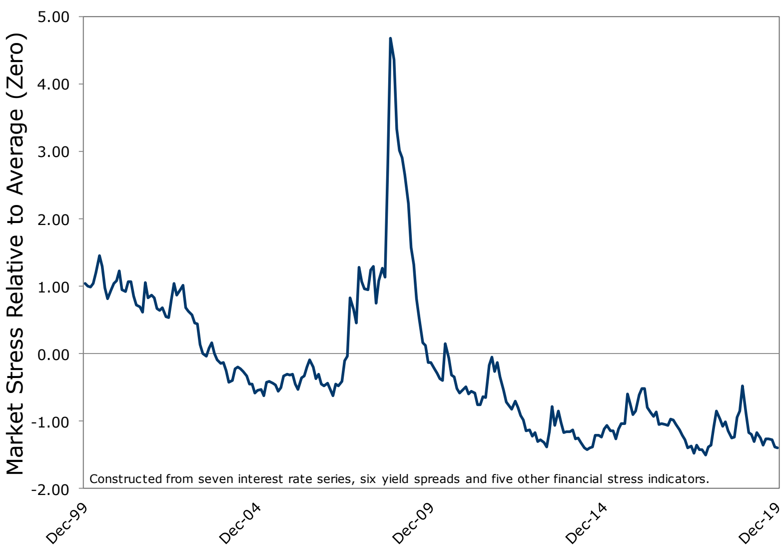
YIELD CURVE SLOPE VS RECESSIONS (IN GRAY)



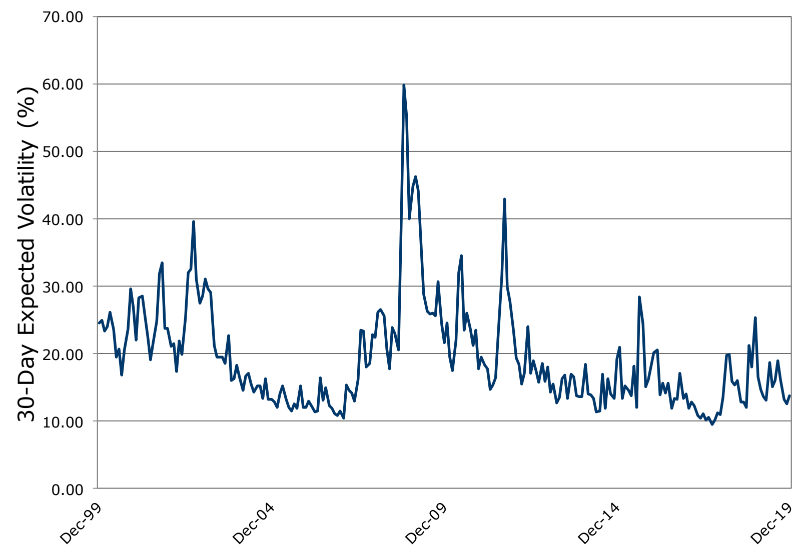
BLOOMBERG BARCLAYS CREDIT INDEXES



ST. LOUIS FED FINANCIAL STRESS INDEX



CBOE VOLATILITY INDEX



Data sources: Federal Reserve, Bloomberg Barclays

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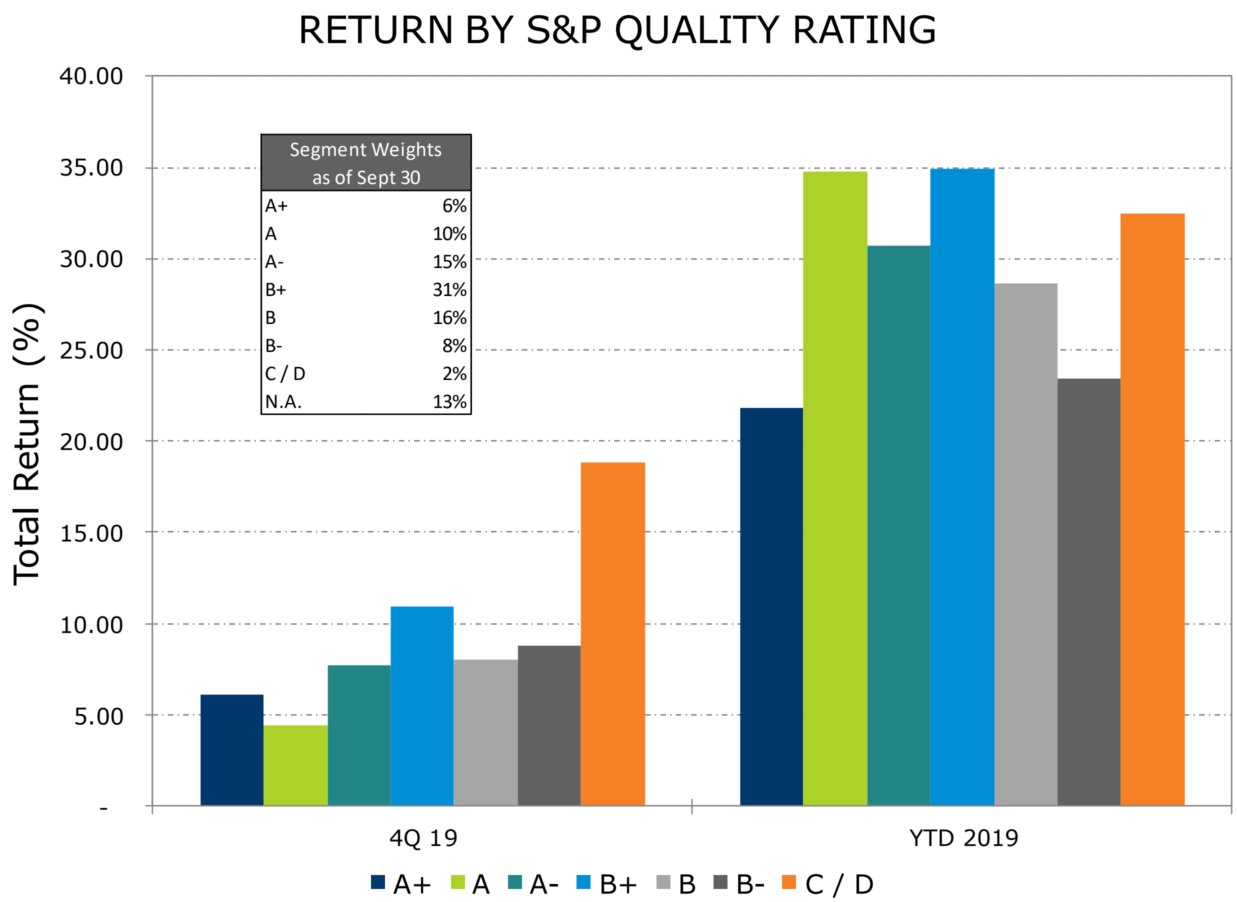
RETURNS BY QUALITY SEGMENT

Higher quality names trailed for the fourth quarter but were strong for the year



Data sources: Wilshire Atlas

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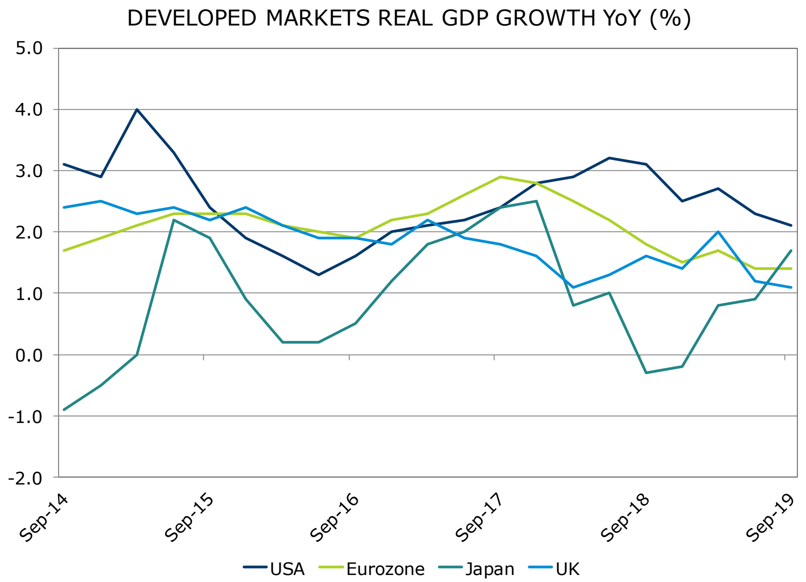
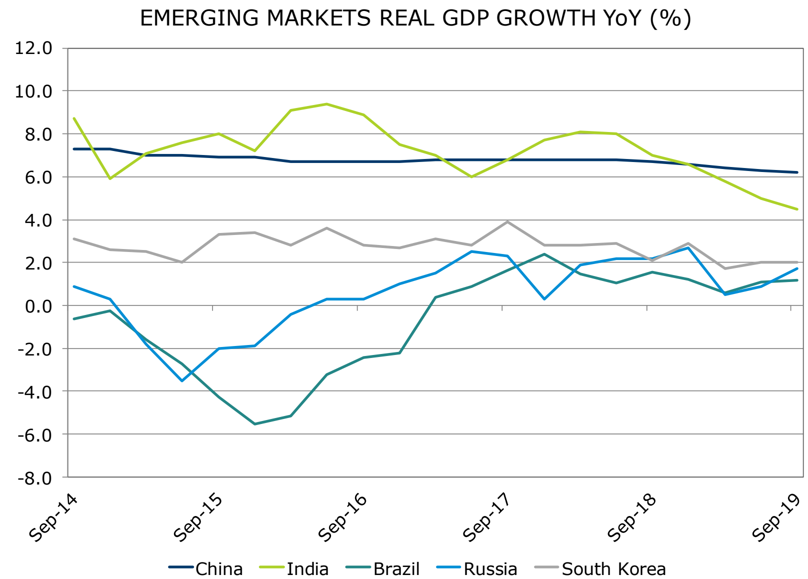
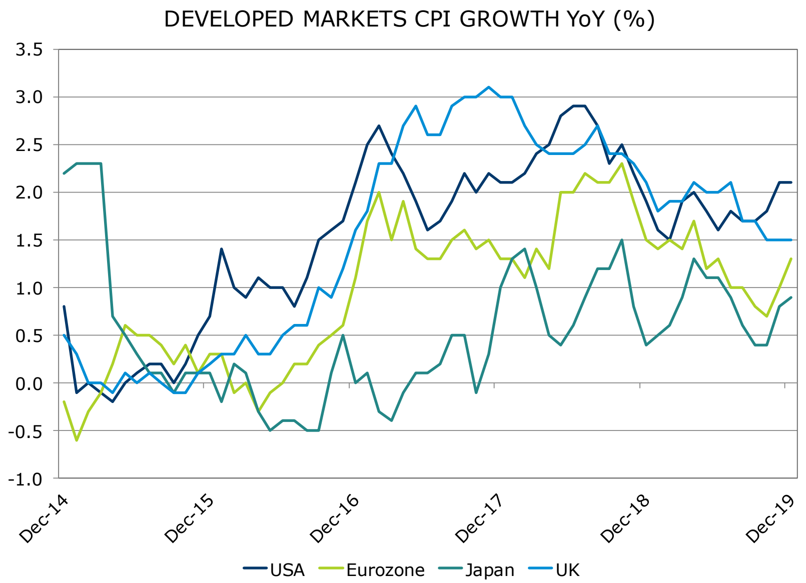
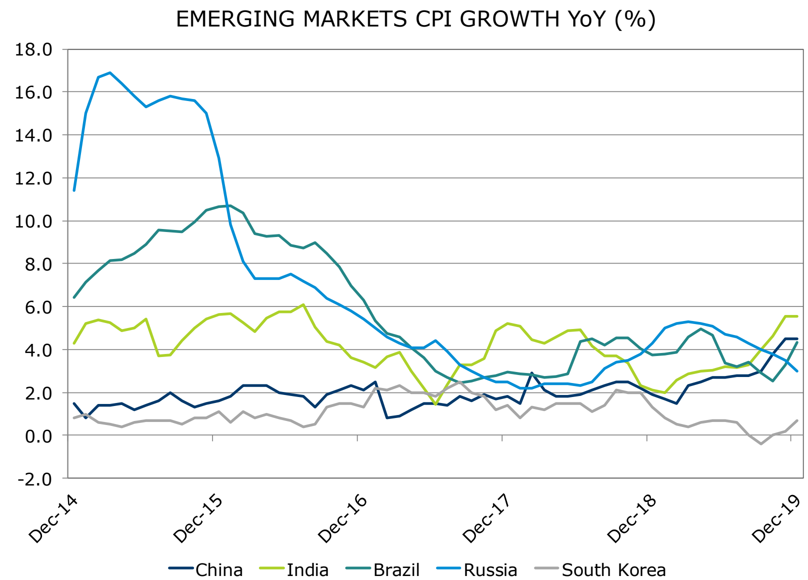
NON-U.S. GROWTH AND INFLATION









Data sources: Bloomberg

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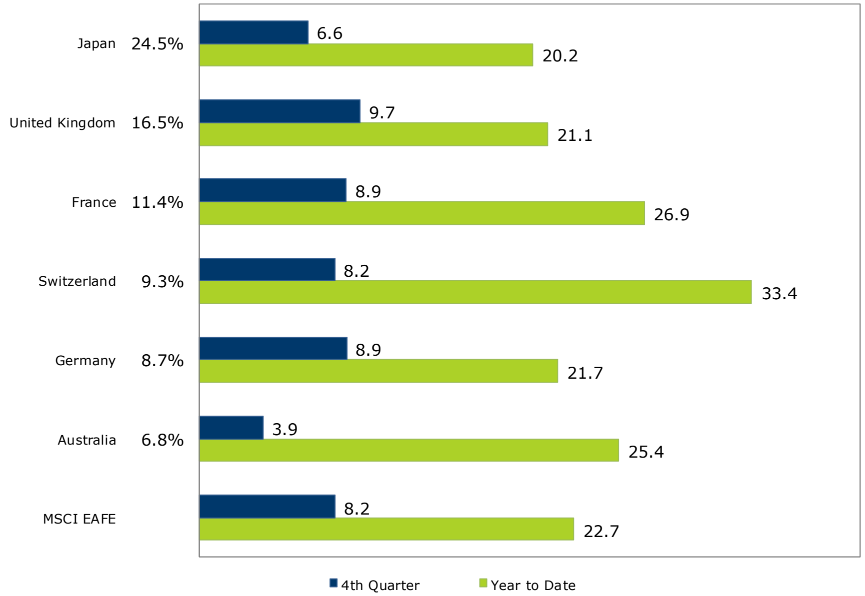
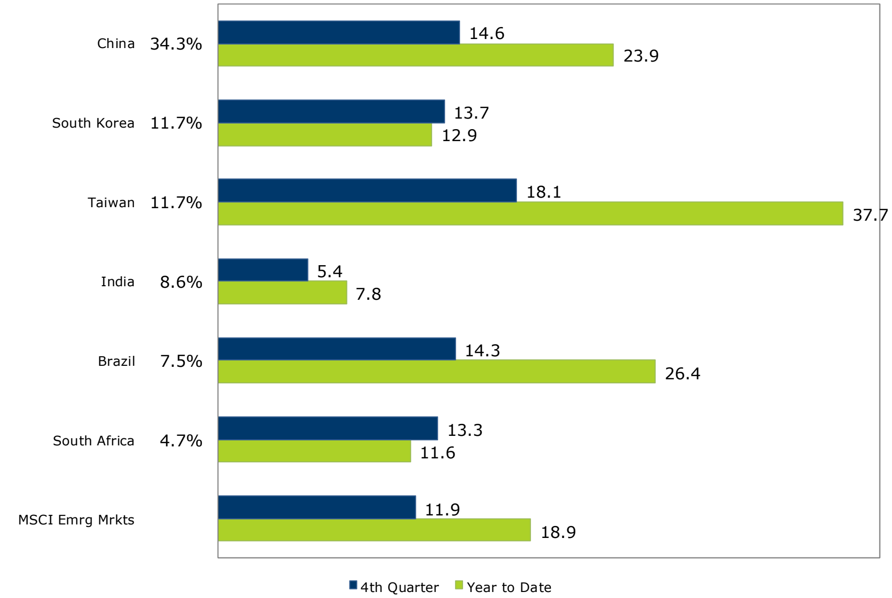
NON-U.S. EQUITY MARKET

AS OF DEC 31, 2019	QTR	YTD	1 YR	3 YR	5 YR	10 YR
MSCI ACWI EX-US ($G)	9.0	22.1	22.1	10.4	6.0	5.4
MSCI EAFE ($G)	8.2	22.7	22.7	10.1	6.2	6.0
MSCI EMERGING MARKETS ($G)	11.9	18.9	18.9	12.0	6.0	4.0
MSCI FRONTIER MARKETS ($G)	6.6	18.3	18.3	9.5	3.1	5.7
MSCI ACWI EX-US GROWTH ($G)	9.6	27.8	27.8	13.3	7.7	6.6
MSCI ACWI EX-US VALUE ($G)	8.3	16.5	16.5	7.5	4.3	4.2
MSCI ACWI EX-US SMALL ($G)	11.1	22.9	22.9	10.1	7.5	7.4
MSCI ACWI MINIMUM VOLATILITY	3.1	21.8	21.8	12.7	9.9	10.9
MSCI EAFE MINIMUM VOLATILITY	4.5	17.4	17.4	10.8	7.7	8.1
FTSE RAFI DEVELOPED EX-US	8.2	18.8	18.8	8.5	5.5	5.2
MSCI EAFE LC (G)	5.2	22.3	22.3	8.2	7.2	7.7

MSCI EAFE: LARGEST COUNTRIES & RETURN (USD)



MSCI EM: LARGEST COUNTRIES & RETURN (USD)



Data sources: Wilshire Compass

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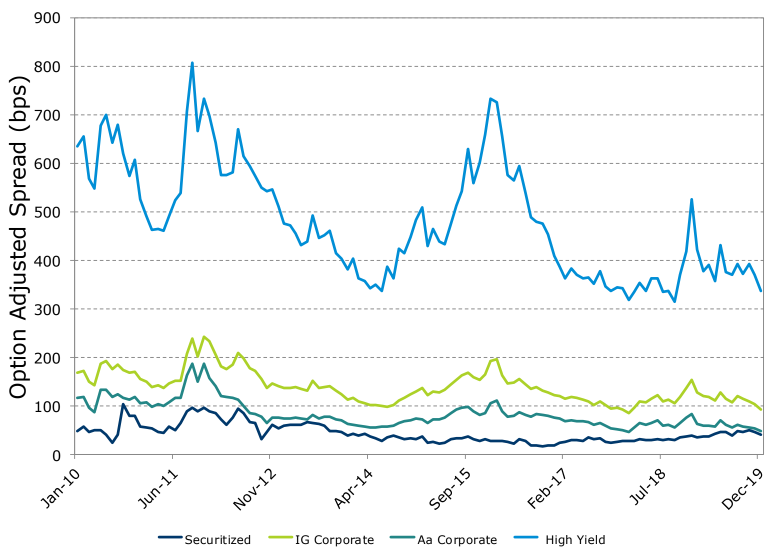
U.S. FIXED INCOME

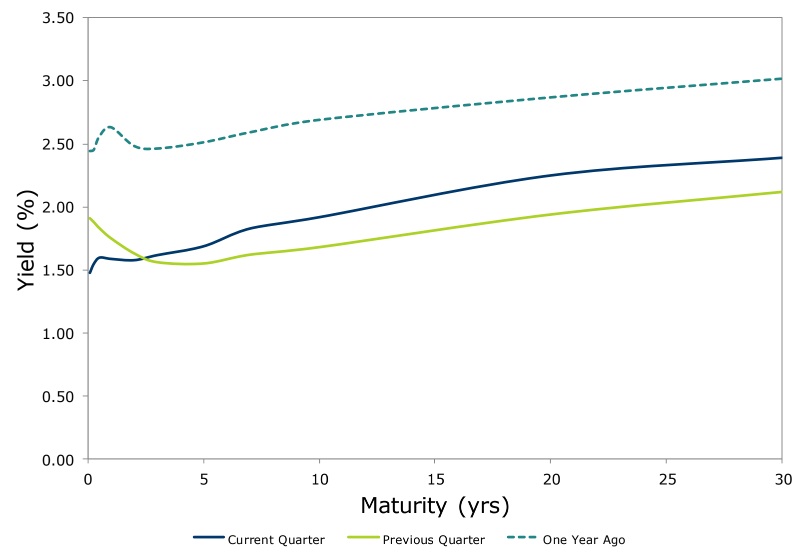
AS OF DEC 31, 2019	YTM	DURATION	QTR	YTD	1 YR	3 YR	5 YR	10 YR
BLOOMBERG BARCLAYS AGGREGATE	2.3	5.9	0.2	8.7	8.7	4.0	3.1	3.7
BLOOMBERG BARCLAYS TREASURY	1.8	6.5	-0.8	6.9	6.9	3.3	2.4	3.1
BLOOMBERG BARCLAYS GOV'T-REL.	2.4	5.9	0.2	9.0	9.0	4.4	3.1	3.5
BLOOMBERG BARCLAYS SECURITIZED	2.5	3.3	0.6	6.4	6.4	3.3	2.6	3.3
BLOOMBERG BARCLAYS CORPORATE	2.9	7.9	1.2	14.5	14.5	5.9	4.6	5.5
BLOOMBERG BARCLAYS LT G/C	3.1	15.8	-1.1	19.6	19.6	8.1	5.4	7.6
BLOOMBERG BARCLAYS LT TREASURY	2.3	18.1	-4.1	14.8	14.8	7.0	4.1	7.0
BLOOMBERG BARCLAYS LT GOV't-REL.	3.6	12.7	-0.1	18.7	18.7	8.8	5.6	7.7
BLOOMBERG BARCLAYS LT CORP.	3.6	14.5	1.3	23.9	23.9	8.8	6.4	8.0
BLOOMBERG BARCLAYS U.S. TIPS *	1.9	7.6	0.8	8.4	8.4	3.3	2.6	3.4
BLOOMBERG BARCLAYS HIGH YIELD	6.0	3.0	2.6	14.3	14.3	6.4	6.1	7.6
TREASURY BILLS	1.6	0.25	0.5	2.3	2.3	1.7	1.1	0.6

* Yield and Duration statistics are for a proxy index based on similar maturity, the Bloomberg Barclays U.S. Treasury 7-10 Year Index

BLOOMBERG BARCLAYS FIXED INCOME INDEXES



TREASURY YIELD CURVE



Data sources: Wilshire Compass, Bloomberg Barclays, U.S. Treasury

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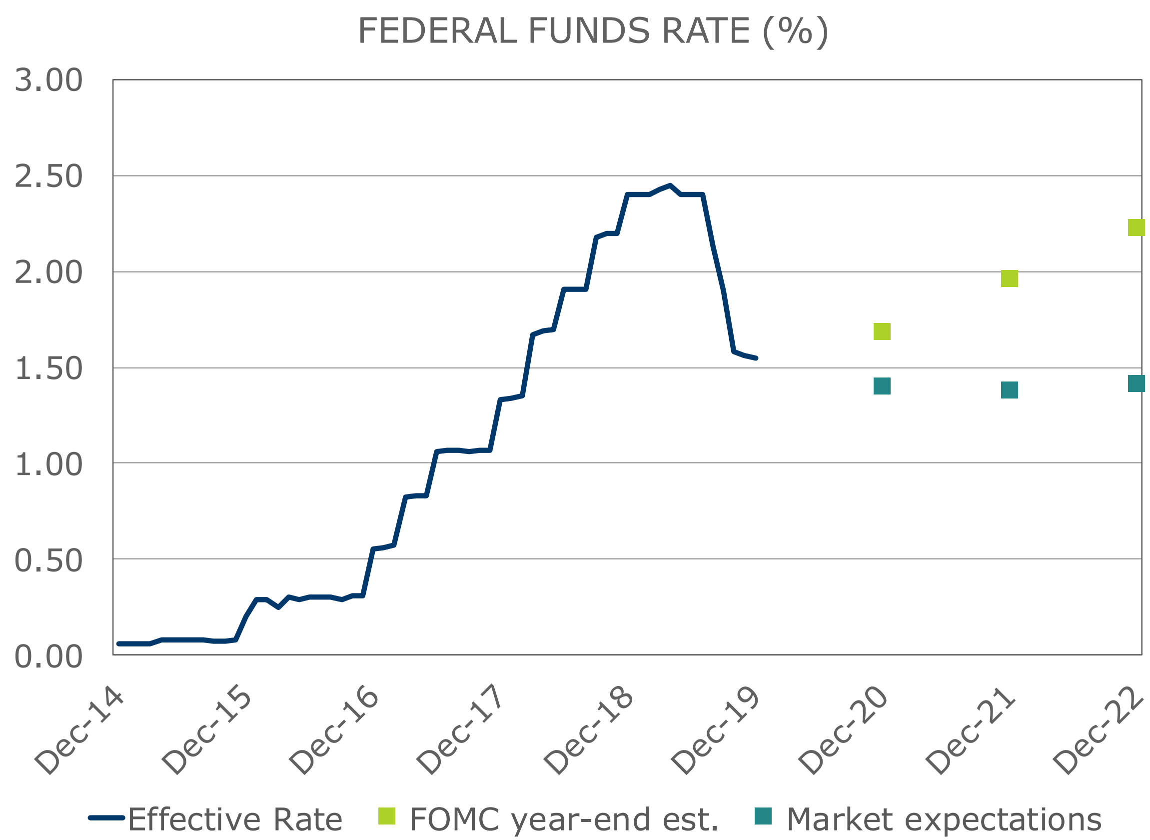
SHORT-TERM RATES

- Federal Reserve decreased their short-term rate 3 times during the second half of 2019
- Markets aren’t expecting the overnight rate to move at all during the next few years



Data sources: Federal Reserve, Bloomberg

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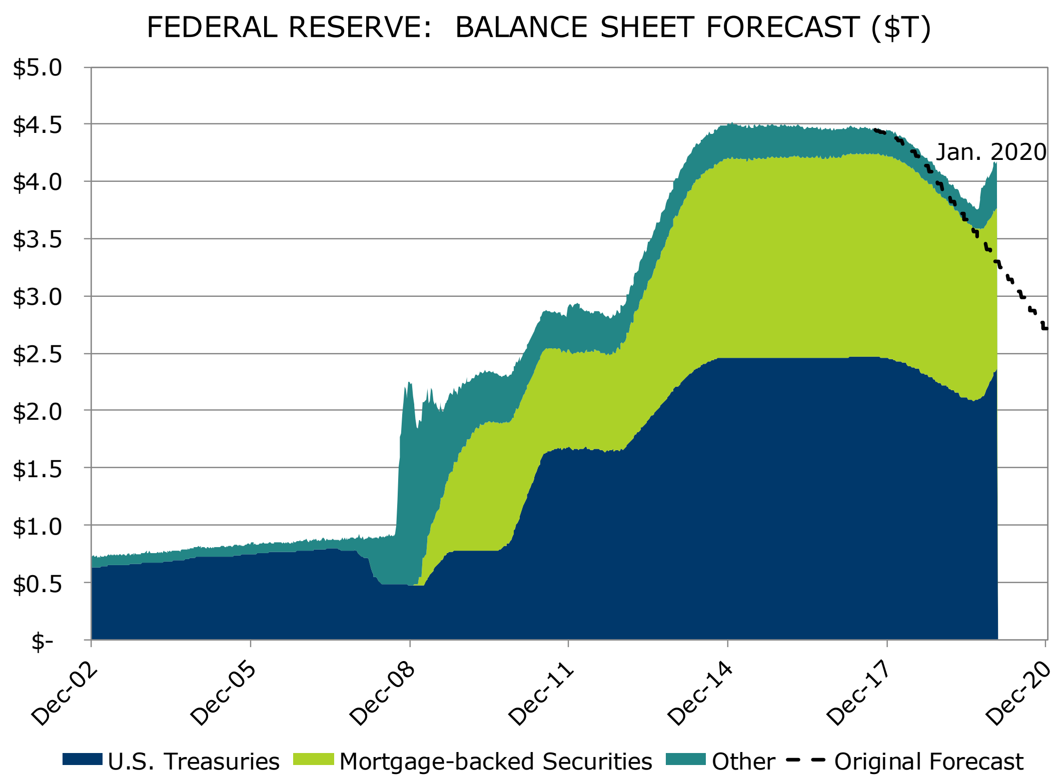
FED BALANCE SHEET

- Federal Reserve began their balance sheet normalization program during October 2017; targeting $10B in reductions per month while increasing to $50B per month in Q4 2018
- Began buying Treasury bills in September to address a liquidity shortage in the repo market
- Fed stated purchases will continue "at least into the second quarter," potentially reversing their previous balance sheet contraction efforts



Data sources: Federal Reserve

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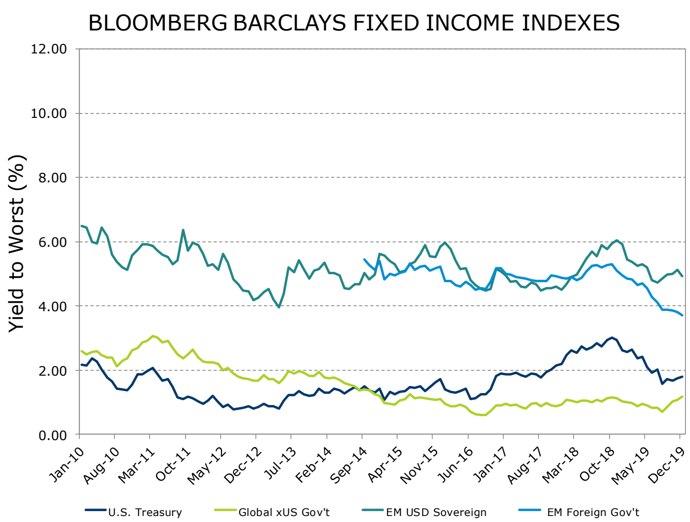
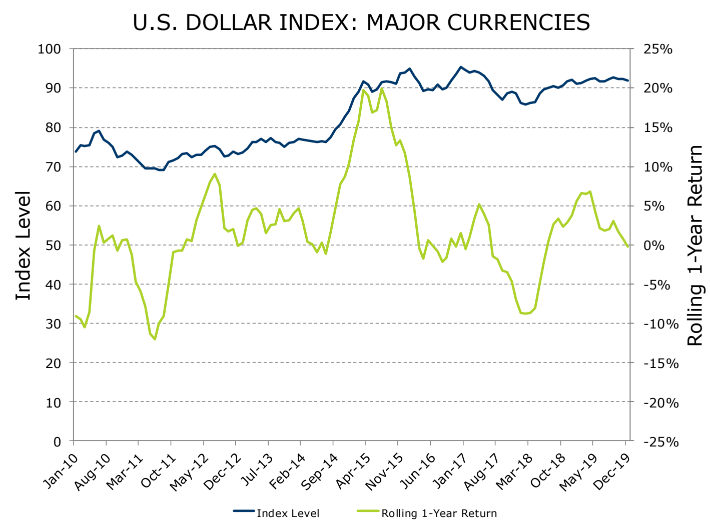
NON-U.S. FIXED INCOME

AS OF DEC 31, 2019	QTR	YTD	1 YR	3 YR	5 YR	10 YR
DEVELOPED MARKETS						
BLMBRG BRCLYS GLBL AGGREGATE xUS	0.7	5.1	5.1	4.4	1.6	1.5
BLMBRG BRCLYS GLBL AGGREGATE xUS *	-1.1	7.6	7.6	4.4	3.9	4.3
BLMBRG BRCLYS GLOBAL INF LNKD xUS	-0.6	7.8	7.8	4.6	1.8	3.2
BLMBRG BRCLYS GLOBAL INF LNKD xUS *	-5.2	8.0	8.0	4.2	5.3	5.8
EMERGING MARKETS (HARD CURRENCY)						
BLMBRG BRCLYS EM USD AGGREGATE	2.1	13.1	13.1	6.1	5.8	6.6
EMERGING MARKETS (FOREIGN CURRENCY)						
BLMBRG BRCLYS EM LOCAL CURR. GOV'T	4.0	9.5	9.5	6.5	2.8	3.4
BLMBRG BRCLYS EM LOCAL CURR. GOV'T *	0.5	8.5	8.5	4.9	3.6	3.7
EURO vs. DOLLAR	3.0	-1.8	-1.8	2.1	-1.5	-2.4
YEN vs. DOLLAR	-0.6	1.0	1.0	2.4	2.0	-1.5
POUND vs. DOLLAR	7.5	4.0	4.0	2.4	-3.2	-2.0

* Returns are reported in terms of local market investors, which removes currency effects.





Data sources: Wilshire Compass, Bloomberg Barclays, Federal Reserve Bank of St. Louis

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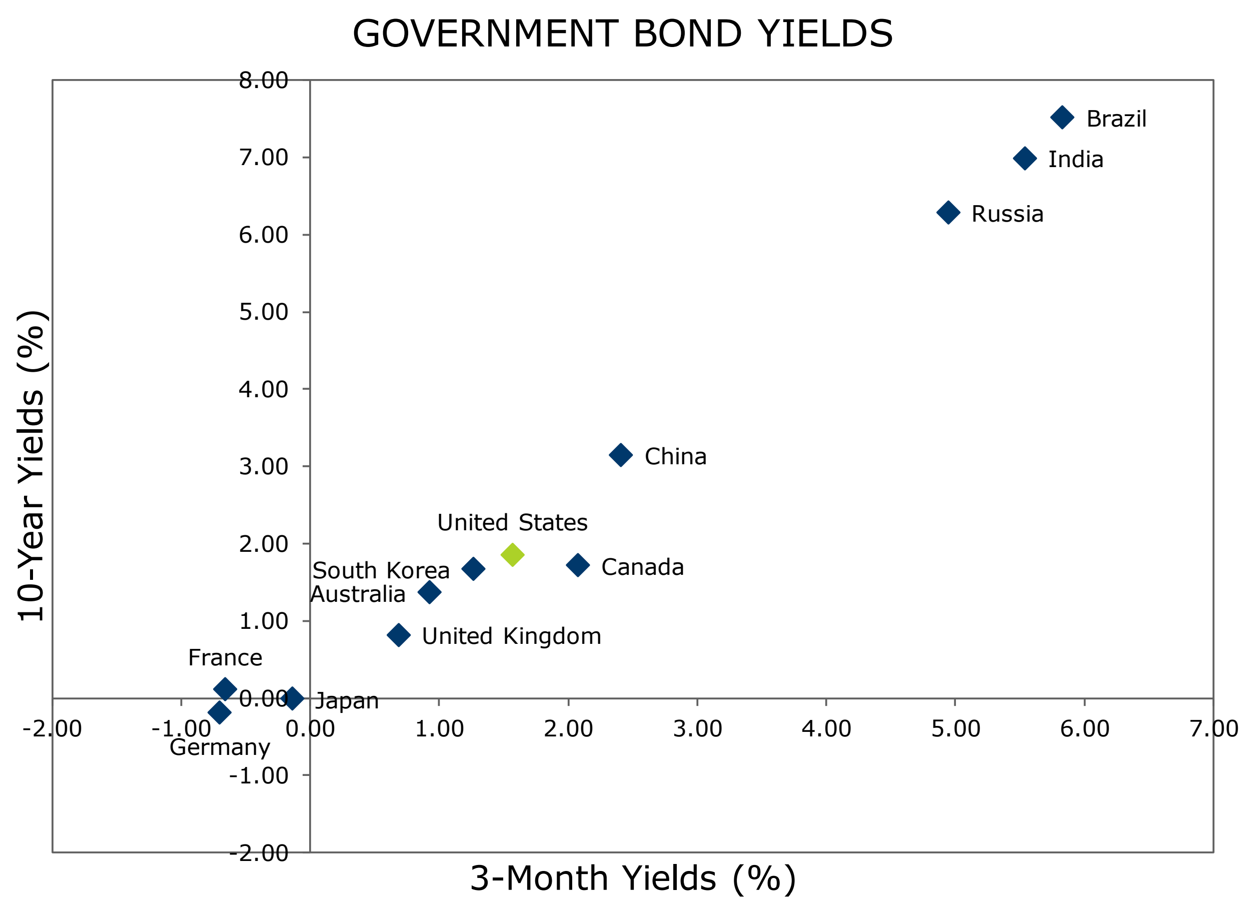
GLOBAL INTEREST RATES

Much of Europe and Japan exhibit negative rates; Long rates are up, however, in those same regions during the past six months



Data sources: Bloomberg

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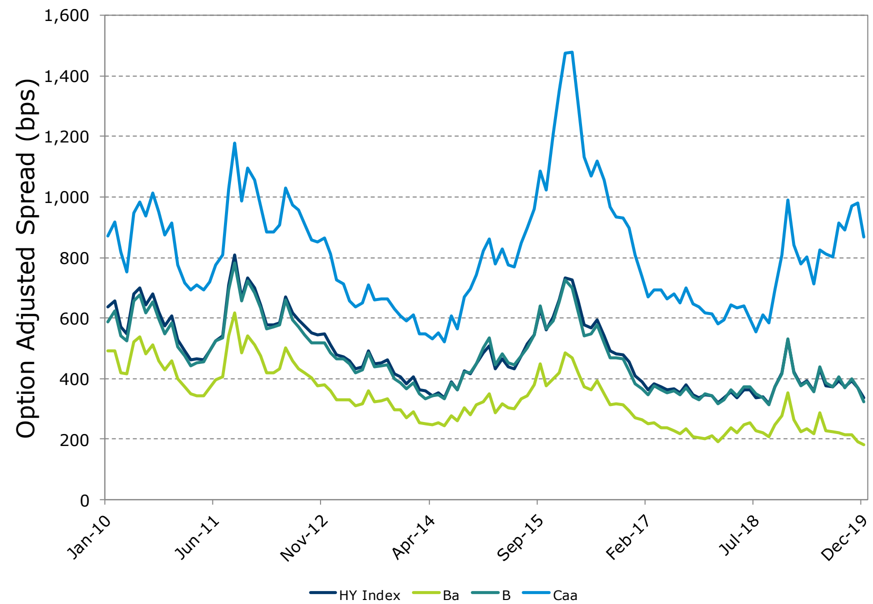
HIGH YIELD BOND MARKET

AS OF DEC 31, 2019		YTW	QTR	YTD	1 YR	3 YR	5 YR
BLOOMBERG BARCLAYS HIGH YIELD		5.2	2.6	14.3	14.3	6.4	6.1
S&P LSTA LEVERAGE LOAN INDEX		0.0	0.0	8.2	8.2	3.6	3.7
HIGH YIELD QUALITY DISTRIBUTION	WEIGHT						
Ba U.S. HIGH YIELD	47.7%	3.6	2.5	15.5	15.5	6.6	6.2
B U.S. HIGH YIELD	38.8%	5.1	2.6	14.8	14.8	6.5	5.9
Caa U.S. HIGH YIELD	12.5%	10.4	3.7	9.5	9.5	5.1	6.1
Ca to D U.S. HIGH YIELD	0.7%	21.0	-7.3	-0.3	-0.3	3.9	-2.1
Non-Rated U.S. HIGH YIELD	0.3%	6.6	1.9	6.3	6.3	5.5	-0.1

BLOOMBERG BARCLAYS HIGH YIELD INDEXES



Data sources: Wilshire Compass, Bloomberg Barclays

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ASSET CLASS PERFORMANCE

ASSET CLASS RETURNS - BEST TO WORST							ANNUALIZED 5-YEAR AS OF 12/2019
2014	2015	2016	2017	2018	2019 YTD		
REITs 31.8%	REITs 4.2%	MLPs 18.3%	Emrg Mrkts 37.7%	T-Bills 1.9%	U.S. Equity 31.0%		U.S. Equity 11.4%
U.S. Equity 12.7%	U.S. Equity 0.7%	High Yield 17.1%	Developed 25.6%	Core Bond 0.0%	REITs 25.8%		REITs 6.9%
Core Bond 6.0%	Core Bond 0.6%	U.S. Equity 13.4%	U.S. Equity 21.0%	U.S. TIPS -1.3%	Developed 22.7%		Developed 6.2%
MLPs 4.8%	T-Bills 0.1%	Commodities 11.8%	High Yield 7.5%	High Yield -2.1%	Emrg Mrkts 18.9%		High Yield 6.1%
U.S. TIPS 3.6%	Developed -0.4%	Emrg Mrkts 11.6%	REITs 4.2%	REITs -4.8%	High Yield 14.3%		Emrg Mrkts 6.0%
High Yield 2.5%	U.S. TIPS -1.4%	REITs 7.2%	Core Bond 3.6%	U.S. Equity -5.3%	Core Bond 8.7%		Core Bond 3.1%
T-Bills 0.0%	High Yield -4.5%	U.S. TIPS 4.7%	U.S. TIPS 3.0%	Commodities -11.2%	U.S. TIPS 8.4%		U.S. TIPS 2.6%
Emrg Mrkts -1.8%	Emrg Mrkts -14.6%	Core Bond 2.6%	Commodities 1.7%	MLPs -12.4%	Commodities 7.7%		T-Bills 1.1%
Developed -4.5%	Commodities -24.7%	Developed 1.5%	T-Bills 0.8%	Developed -13.4%	MLPs 6.6%		Commodities -3.9%
Commodities -17.0%	MLPs -32.6%	T-Bills 0.3%	MLPs -6.5%	Emrg Mrkts -14.2%	T-Bills 2.3%		MLPs -7.0%

Data sources: Wilshire Compass Note: Developed asset class is developed equity markets ex-U.S., ex-Canada

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Total Fund

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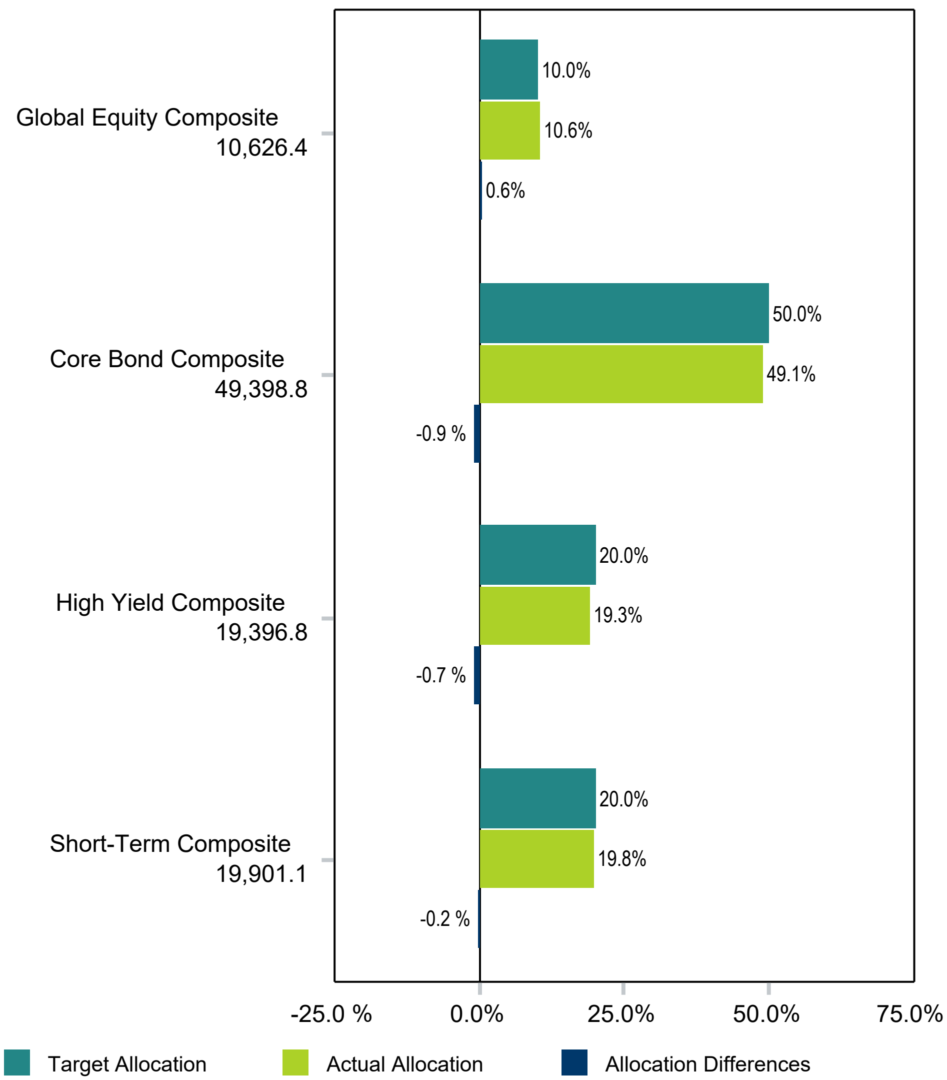
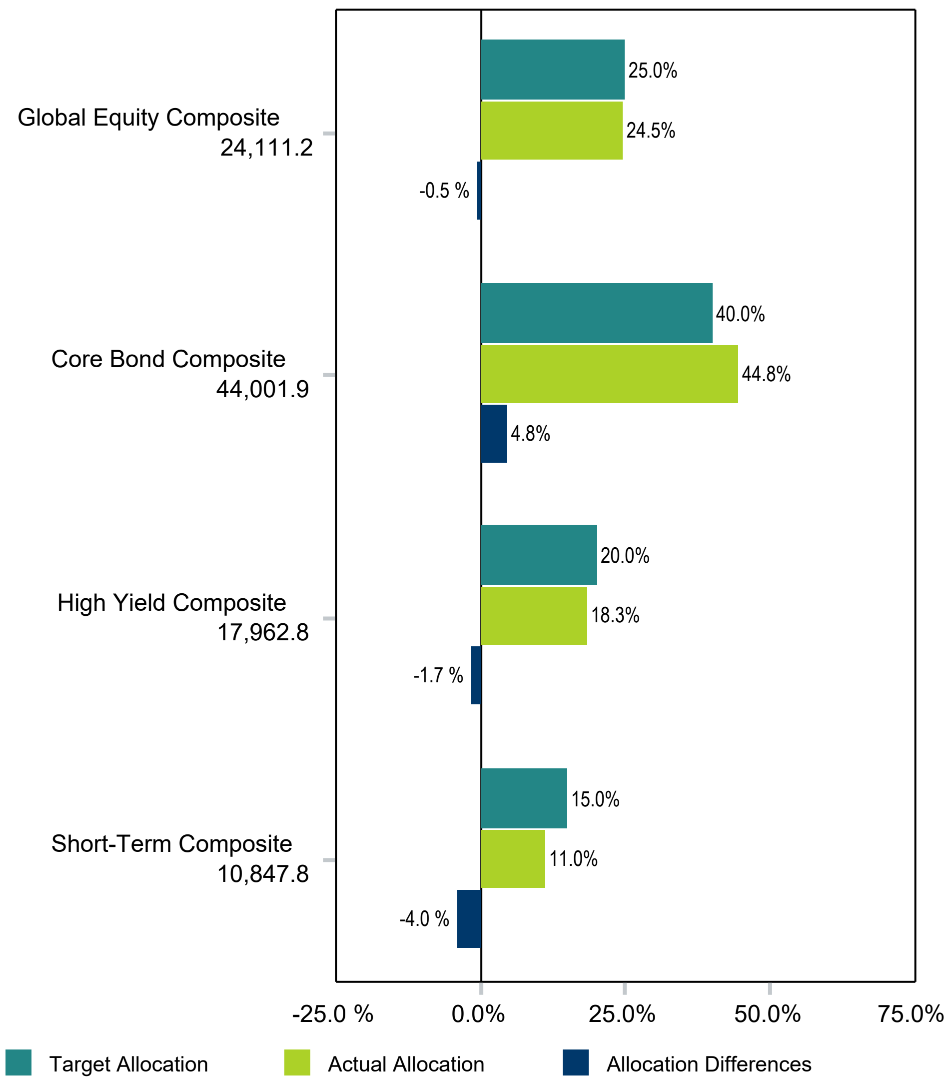
Asset Allocation Compliance

Total Fund

Periods Ended December 31, 2019

December 31, 2019	September 30, 2019





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Asset Allocation & Performance

Total Fund

Periods Ended December 31, 2019

	Performance (%) net of fees						Allocation	
	1 Quarter	1 Year	3 Years	5 Years	Since Inception	Inception Date	Market Value $	%
Total Fund	**2.58**	**10.85**	**5.31**	**4.40**	**3.94**	**10/1/2013**	**100,658,717**	**100.00**
Total Fund Policy	2.36	12.31	5.62	4.47	4.25			
Value Added	0.22	-1.46	-0.31	-0.07	-0.31			
Global Equity Composite	**9.05**	**26.78**	**12.44**	**8.53**	**8.73**	**10/1/2013**	**10,626,360**	**10.56**
Global Equity Policy	9.14	26.91	12.29	8.32	8.52			
Value Added	-0.09	-0.13	0.15	0.21	0.21			
Vanguard Total World Stock	**9.05**	**26.78**			**9.55**	**7/1/2018**	**10,626,360**	**10.56**
FTSE Global All Cap Net Tax (US RIC) Index	9.14	26.91			9.58			
Value Added	-0.09	-0.13			-0.03			
Fixed Income Composite	**1.07**	**8.86**	**4.35**	**3.90**	**3.53**	**10/1/2013**	**88,696,962**	**88.12**
Fixed Income Policy	0.81	10.15	4.60	3.83	3.74			
Value Added	0.26	-1.29	-0.25	0.07	-0.21			
Dodge & Cox Income Fund	**0.87**	**9.75**	**4.52**	**3.68**	**3.61**	**11/1/2014**	**49,398,837**	**49.08**
Blmbg. Barc. U.S. Aggregate	0.18	8.72	4.03	3.05	3.11			
Value Added	0.69	1.03	0.49	0.63	0.50			
Hotchkis & Wiley High Yield Fund	**2.28**	**9.57**	**4.63**	**4.93**	**3.88**	**5/1/2014**	**19,396,850**	**19.27**
ICE BofAML High Yield BB-B Constrained Index	2.56	15.09	6.44	6.11	5.33			
Value Added	-0.28	-5.52	-1.81	-1.18	-1.45			
Vanguard Short-Term Bond	**0.37**	**4.87**			**4.38**	**7/1/2018**	**19,901,133**	**19.77**
Blmbg. Barc. 1-5 Year Gov/Credit	0.50	5.01			4.49			
Value Added	-0.13	-0.14			-0.11			
Mutual Fund Cash	**0.45**	**2.57**	**1.68**	**1.07**	**0.81**	**10/1/2013**	**1,335,395**	**1.33**

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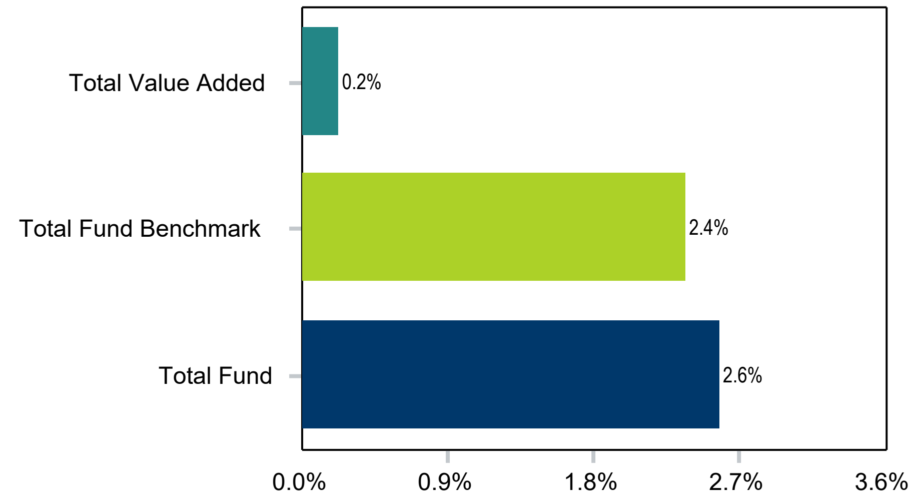
Total Fund Attribution

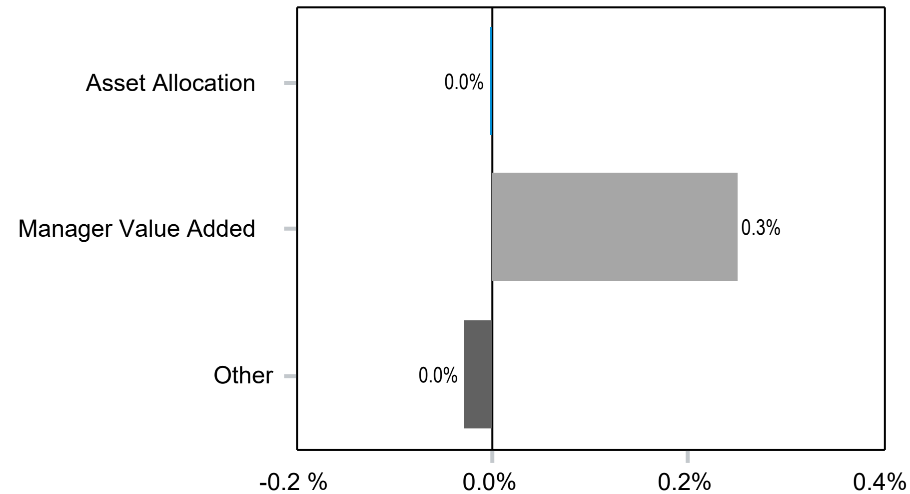
Total Fund

Periods Ended 1 Quarter Ending December 31, 2019

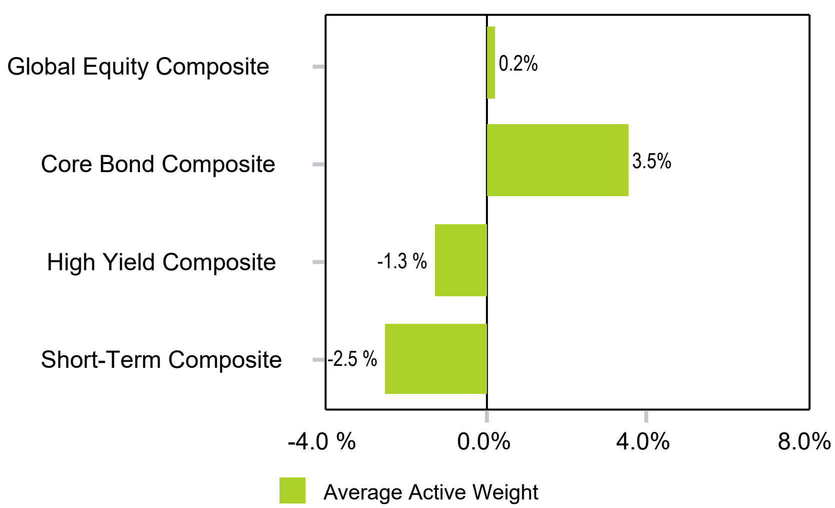
Total Fund Performance



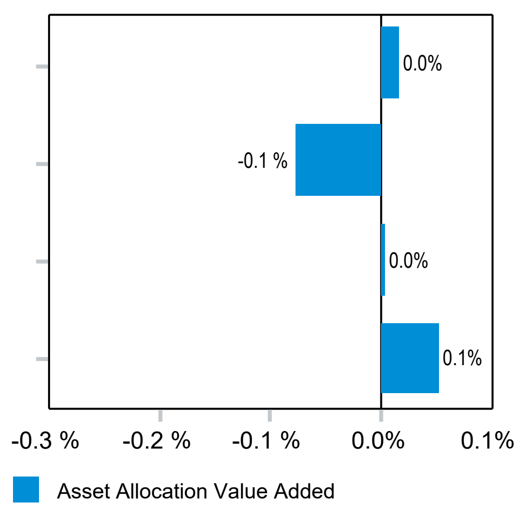
Total Value Added:0.2%



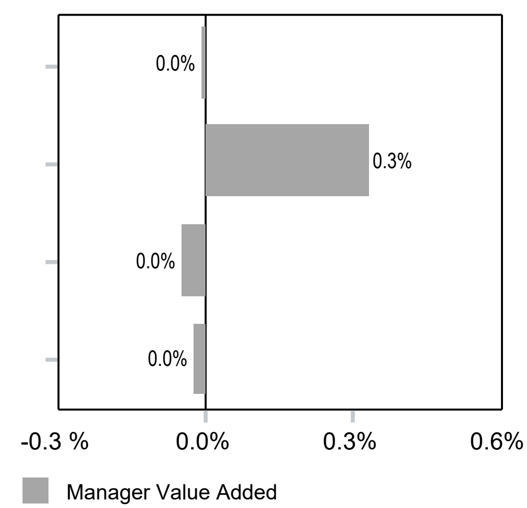
Total Asset Allocation:0.0%



Asset Allocation Value Added:0.0%



Total Manager Value Added:0.3%



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Cash Flow Summary

Total Fund

1 Quarter Ending December 31, 2019

	Begin Value	Net Cash Flow	Expenses	Capital Apprec./ Deprec.	End Value
Total Fund	**98,259,885**	**7,831**	**-14,446**	**2,405,448**	**100,658,717**
Global Equity Composite	**24,111,225**	**-15,000,000**		**1,515,136**	**10,626,360**
Vanguard Total World Stock	24,111,225	-15,000,000		1,515,136	10,626,360
Fixed Income Composite	**72,812,652**	**15,000,000**		**884,310**	**88,696,962**
Core Bond Composite	**44,001,923**	**5,000,000**		**396,915**	**49,398,837**
Dodge & Cox Income Fund	44,001,923	5,000,000		396,915	49,398,837
High Yield Composite	**17,962,752**	**1,000,000**		**434,097**	**19,396,850**
Hotchkis & Wiley High Yield Fund	17,962,752	1,000,000		434,097	19,396,850
Short-Term Composite	**10,847,835**	**9,000,000**		**53,299**	**19,901,133**
Vanguard Short-Term Bond	10,847,835	9,000,000		53,299	19,901,133
PIMCO Total Return Fund	143				142
Mutual Fund Cash	1,336,008	7,831	-14,446	6,002	1,335,395

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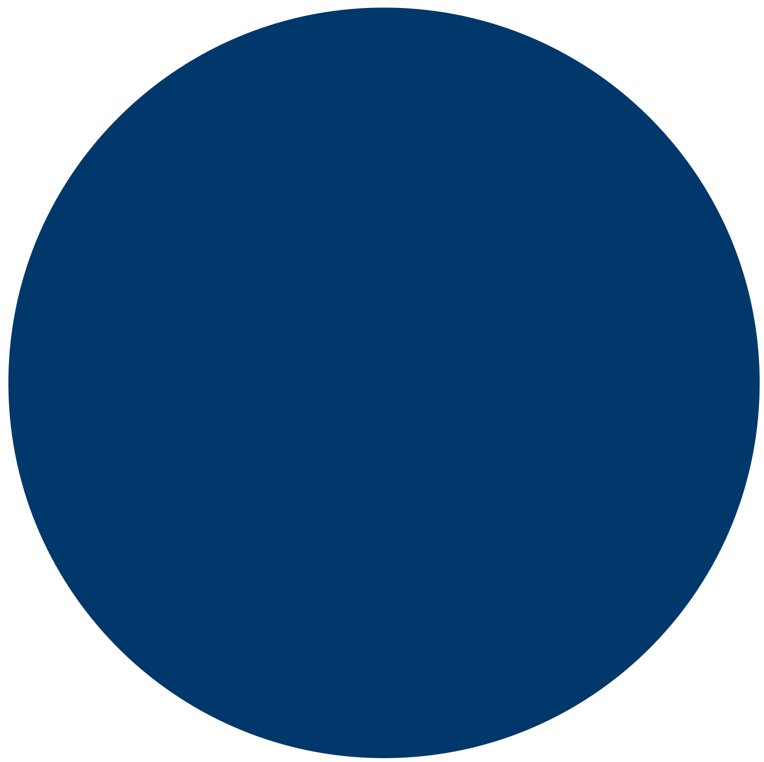
Global Equity Composite

Asset Allocation By Manager

Global Equity Composite

Periods Ended December 31, 2019

Dec-2019 : 10,626,360



	Market Value $	Allocation (%)
Vanguard Total World Stock	10,626,360	100.0

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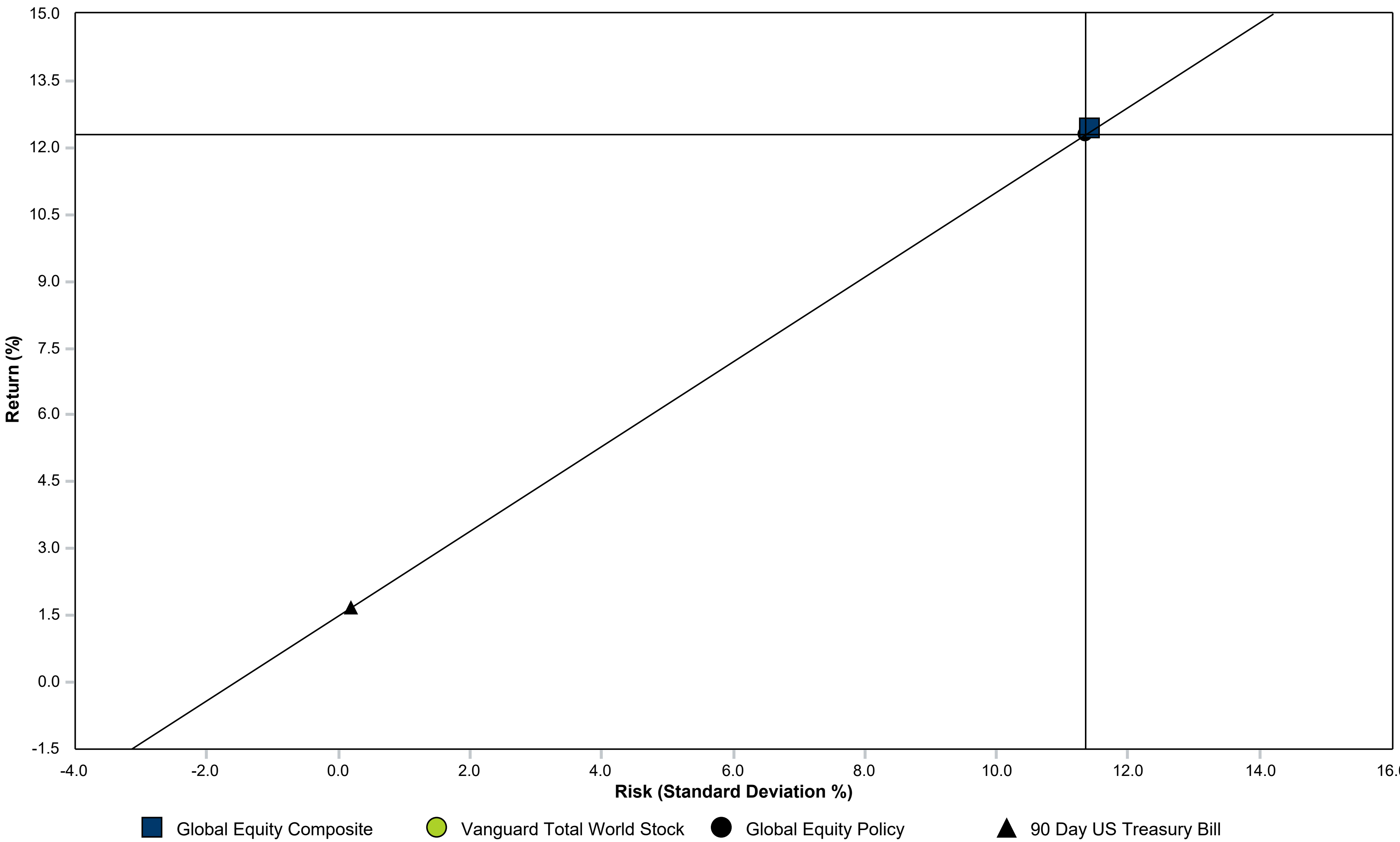
Risk vs. Return

Global Equity Composite

Periods Ended 3 Years Ending December 31, 2019



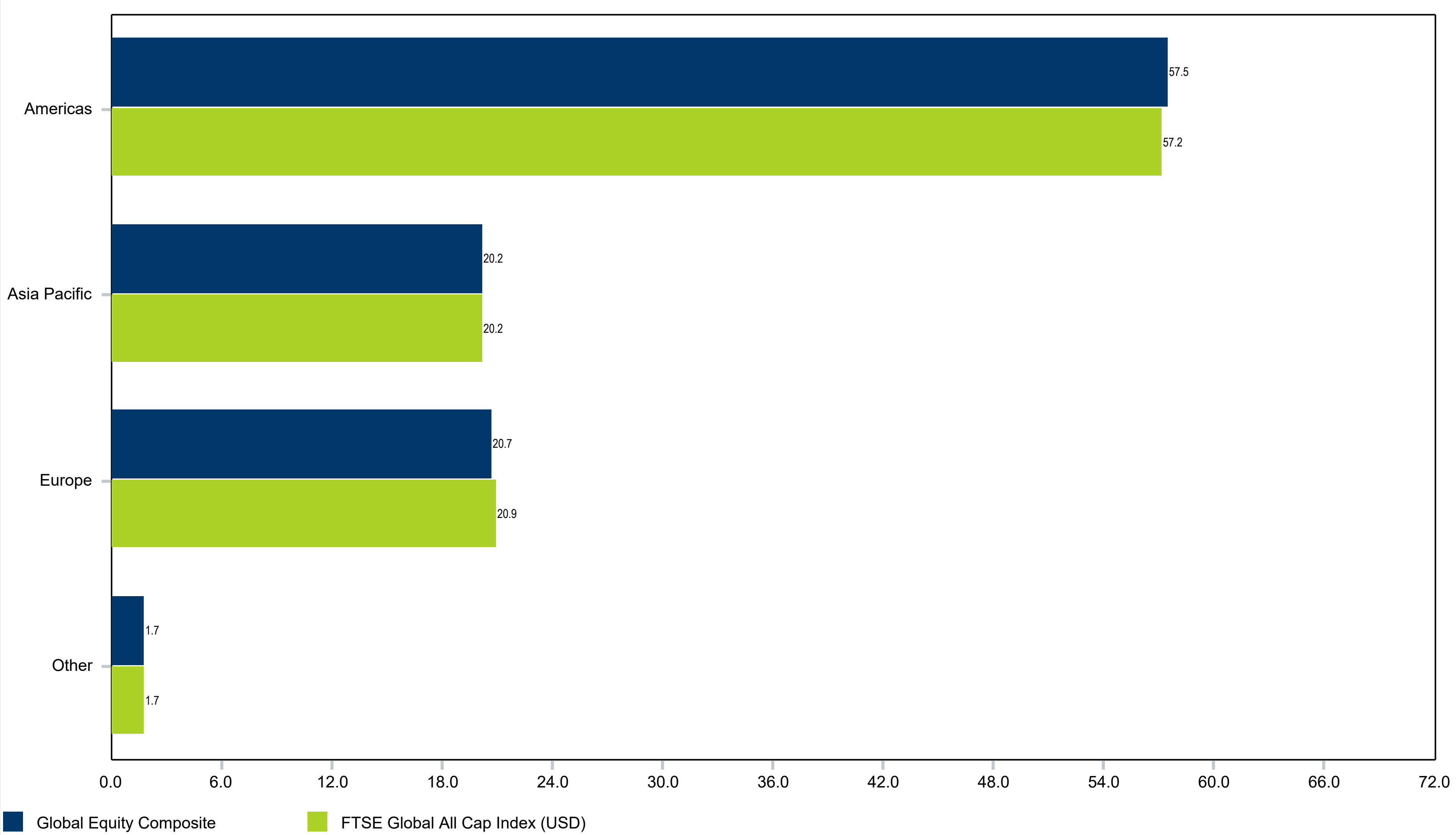
Calculation based on monthly periodicity.

Portfolio Characteristics

Global Equity Composite

Periods Ended As of December 31, 2019

Region Allocation



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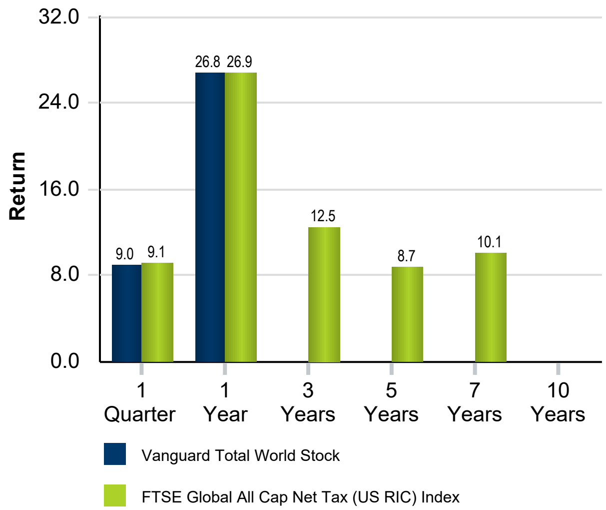
Performance Summary

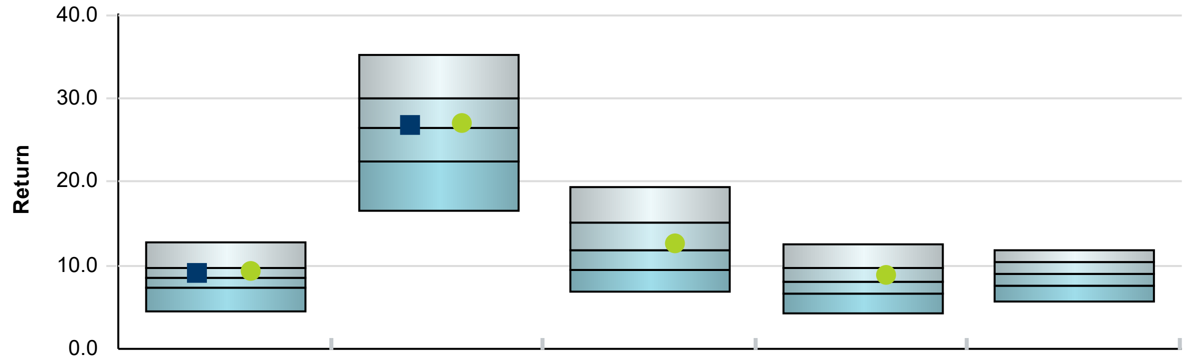
Vanguard Total World Stock

Periods Ended December 31, 2019

Comparative Performance

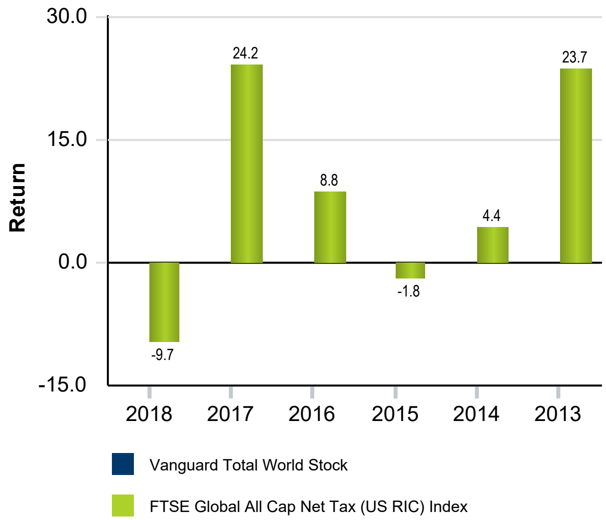


Peer Group Analysis: World Large Stock

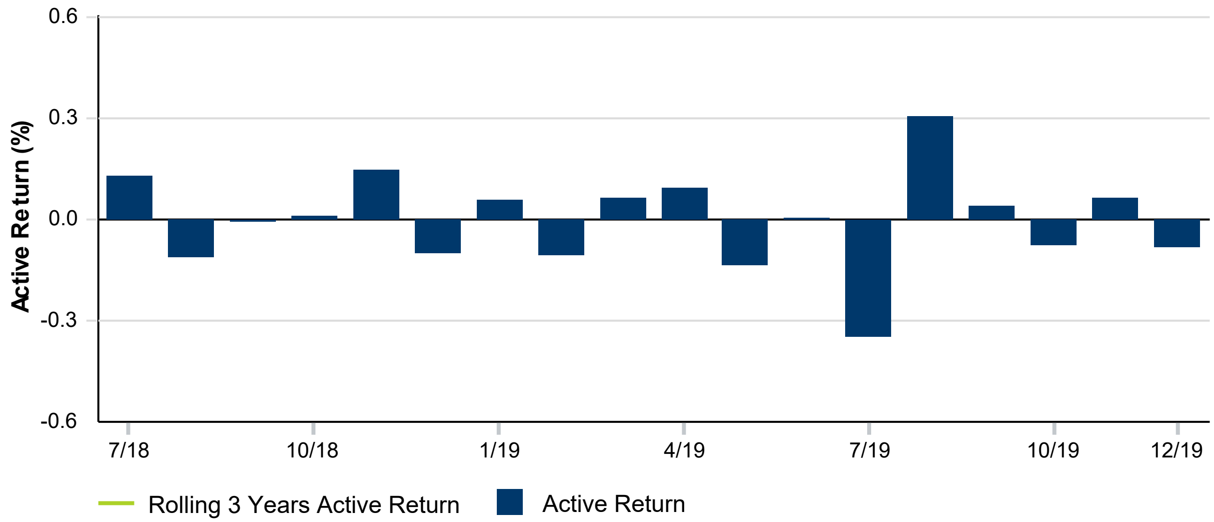


	Quarter	1 Year	3 Years	5 Years	10 Years
Fund	9.05 (39)	26.78 (48)			
Benchmark	9.14 (36)	26.91 (47)	12.47 (44)	8.74 (38)	
Median	8.57	26.49	11.83	8.03	9.04

Comparative Performance



Rolling 3 Years Performance



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Summary Statistics

Vanguard Total World Stock

Periods Ended 1 Year Ending December 31, 2019

Return Summary Statistics

	Vanguard Total World Stock	FTSE Global All Cap Net Tax (US RIC) Index
Maximum Return	8.15	8.09
Minimum Return	-6.02	-5.89
Return	26.78	26.91
Cumulative Return	26.78	26.91
Active Return	-0.10	0.00
Excess Return	22.45	22.55

Risk Summary Statistics

	Vanguard Total World Stock	FTSE Global All Cap Net Tax (US RIC) Index
Upside Risk	3.65	3.64
Downside Risk	6.39	6.37
Beta	1.00	1.00

Risk/Return Summary Statistics

	Vanguard Total World Stock	FTSE Global All Cap Net Tax (US RIC) Index
Standard Deviation	12.23	12.18
Alpha	-0.18	0.00
Active Return/Risk	-0.01	0.00
Tracking Error	0.53	0.00
Information Ratio	-0.19	
Sharpe Ratio	1.83	1.85

Correlation Statistics

	Vanguard Total World Stock	FTSE Global All Cap Net Tax (US RIC) Index
R-Squared	1.00	1.00
Actual Correlation	1.00	1.00

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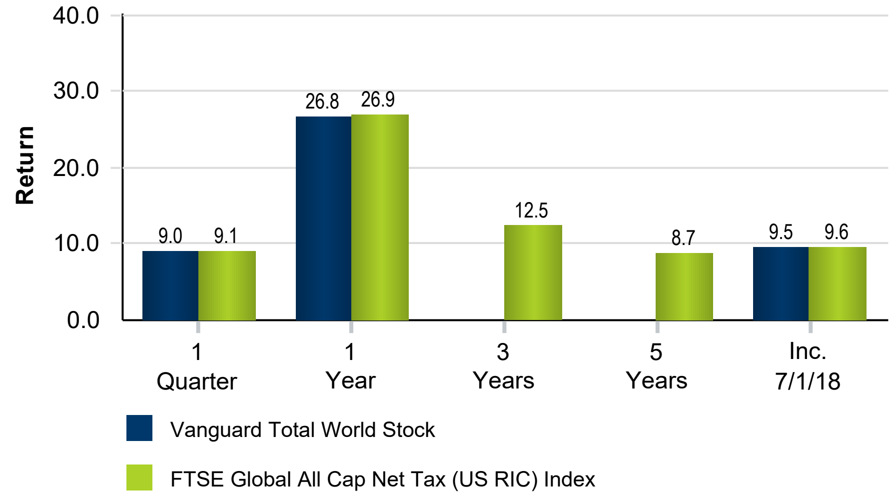
Manager Summary

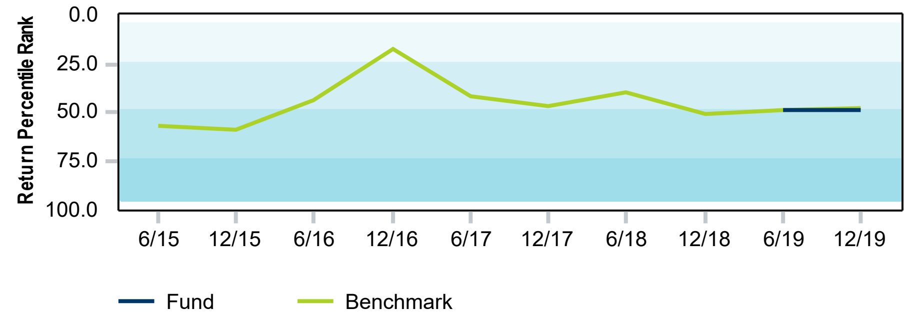
Vanguard Total World Stock vs World Large Stock

Periods Ended December 31, 2019

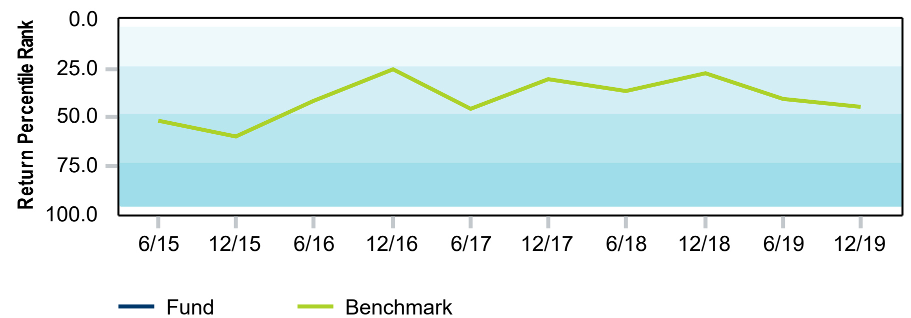
Comparative Performance



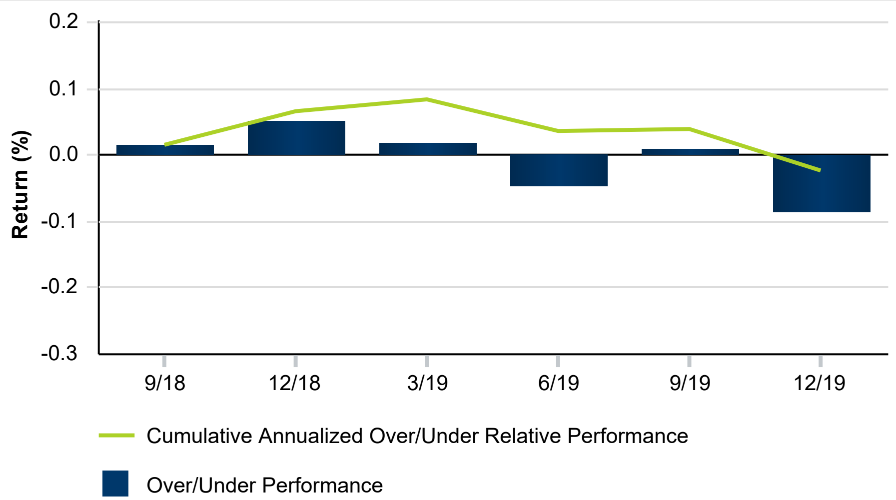
1 Year Rolling Percentile Ranking



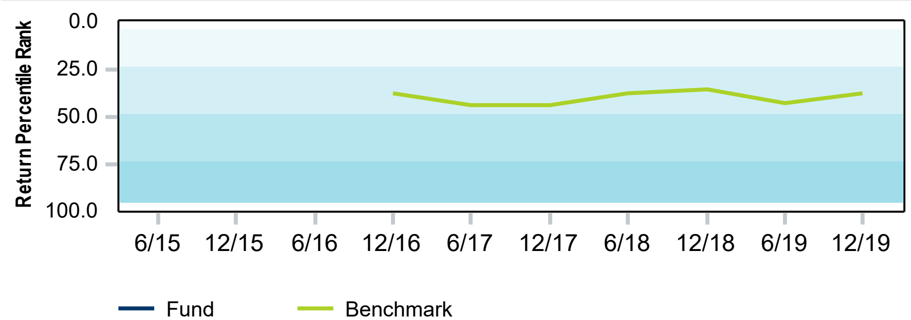
3 Year Rolling Percentile Ranking



Relative Performance



5 Year Rolling Percentile Ranking



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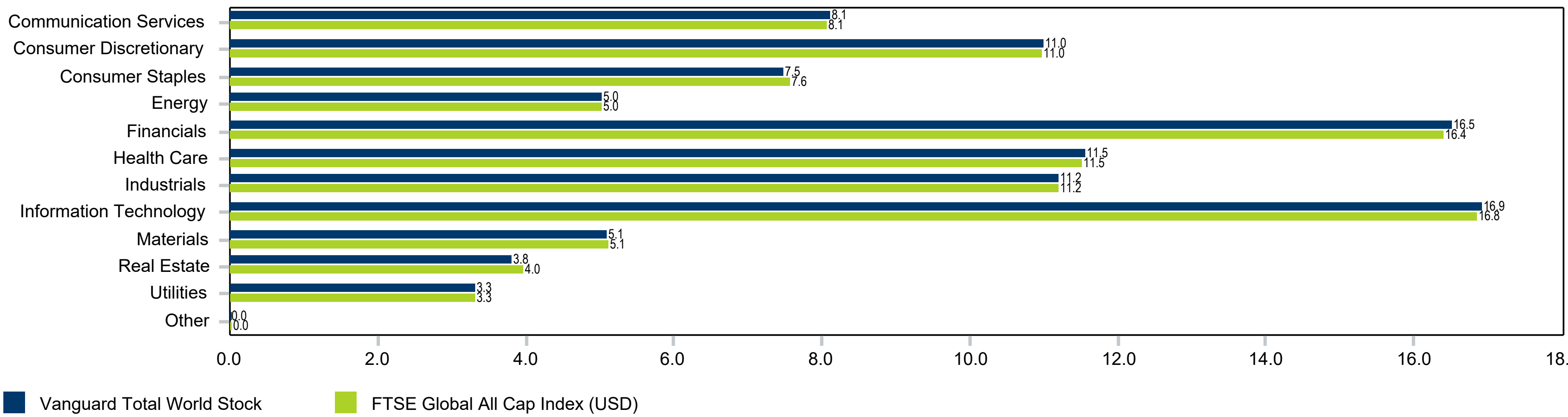
Portfolio Characteristics

Vanguard Total World Stock

Periods Ended As of December 31, 2019

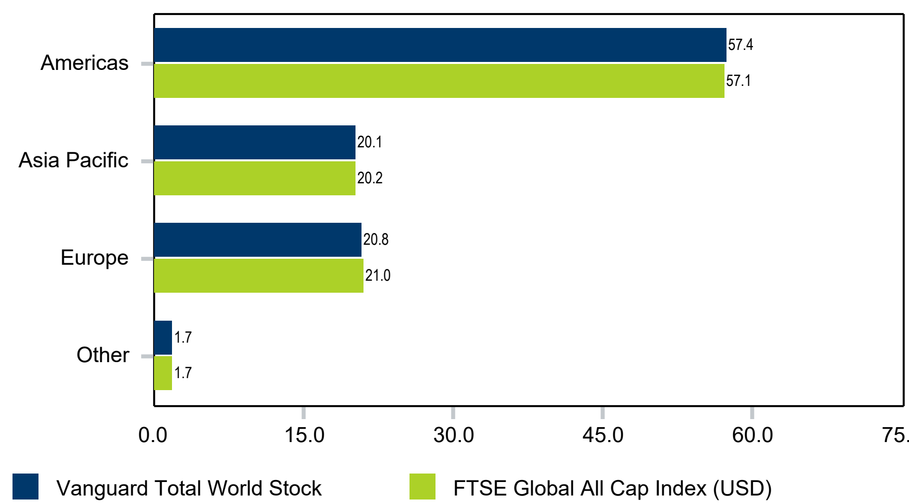
Sector Weights (%)



Portfolio Characteristics

	Portfolio	Benchmark
Wtd. Avg. Mkt. Cap $	168,252,233,048	166,511,001,726
Median Mkt. Cap $	2,428,542,441	2,258,773,168
Price/Earnings ratio	19.2	19.2
Price/Book ratio	2.9	2.9
5 Yr. EPS Growth Rate (%)	11.6	11.7
Current Yield (%)	2.3	2.4
Beta		1.00
Number of Stocks	8,321	8,872

Region Allocation



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Country/RegionAllocation

Vanguard Total World Stock

	Vanguard Total World Stock	FTSE Global All Cap Index (USD)
Canada	3.07	3.07
United States	52.88	52.59
Americas	**55.95**	**55.67**
Austria	0.10	0.10
Belgium	0.23	0.34
Denmark	0.54	0.54
Finland	0.35	0.35
France	2.80	2.82
Germany	2.45	2.46
Ireland	1.19	1.21
Italy	0.73	0.73
Luxembourg	0.13	0.13
Netherlands	1.82	1.83
Norway	0.24	0.24
Portugal	0.04	0.06
Spain	0.81	0.82
Sweden	0.90	0.92
Switzerland	2.94	2.93
United Kingdom	4.77	4.84
Europe	**20.05**	**20.31**
Australia	2.06	2.12
Hong Kong	2.39	2.38
Japan	7.62	7.59
New Zealand	0.13	0.13
Singapore	0.41	0.43
Asia Pacific	**12.60**	**12.65**
Developed Markets	**88.60**	**88.63**
Emerging Markets	**9.69**	**9.66**
Frontier Markets	**0.00**	**0.00**
All Countries	**0.00**	**0.00**
Cash	0.00	0.00
Other	1.71	1.71
Total	**100.00**	**100.00**

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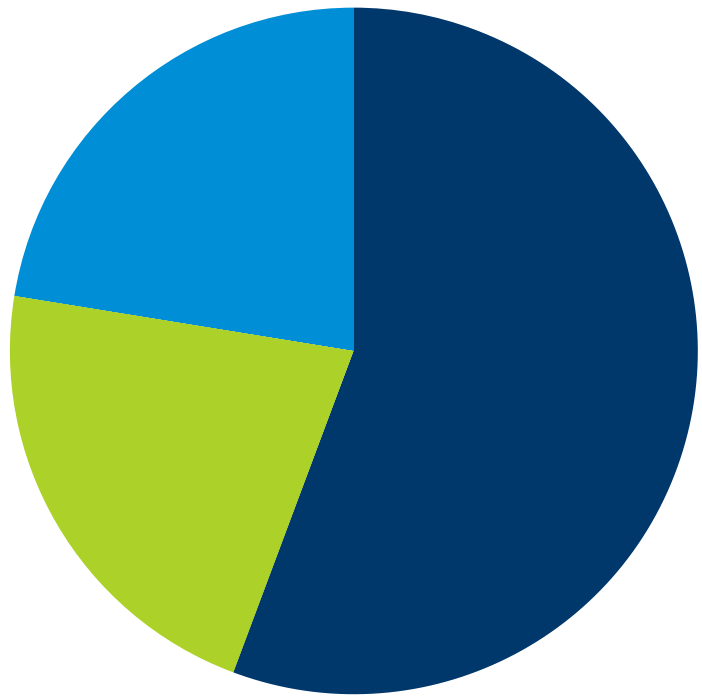
Fixed Income Composite

Asset Allocation By Manager

Fixed Income Composite

Periods Ended December 31, 2019

Dec-2019 : 88,696,962



	Market Value $	Allocation (%)
Dodge & Cox Income Fund	49,398,837	55.7
Hotchkis & Wiley High Yield Fund	19,396,850	21.9
PIMCO Total Return Fund	142	0.0
Vanguard Short-Term Bond	19,901,133	22.4

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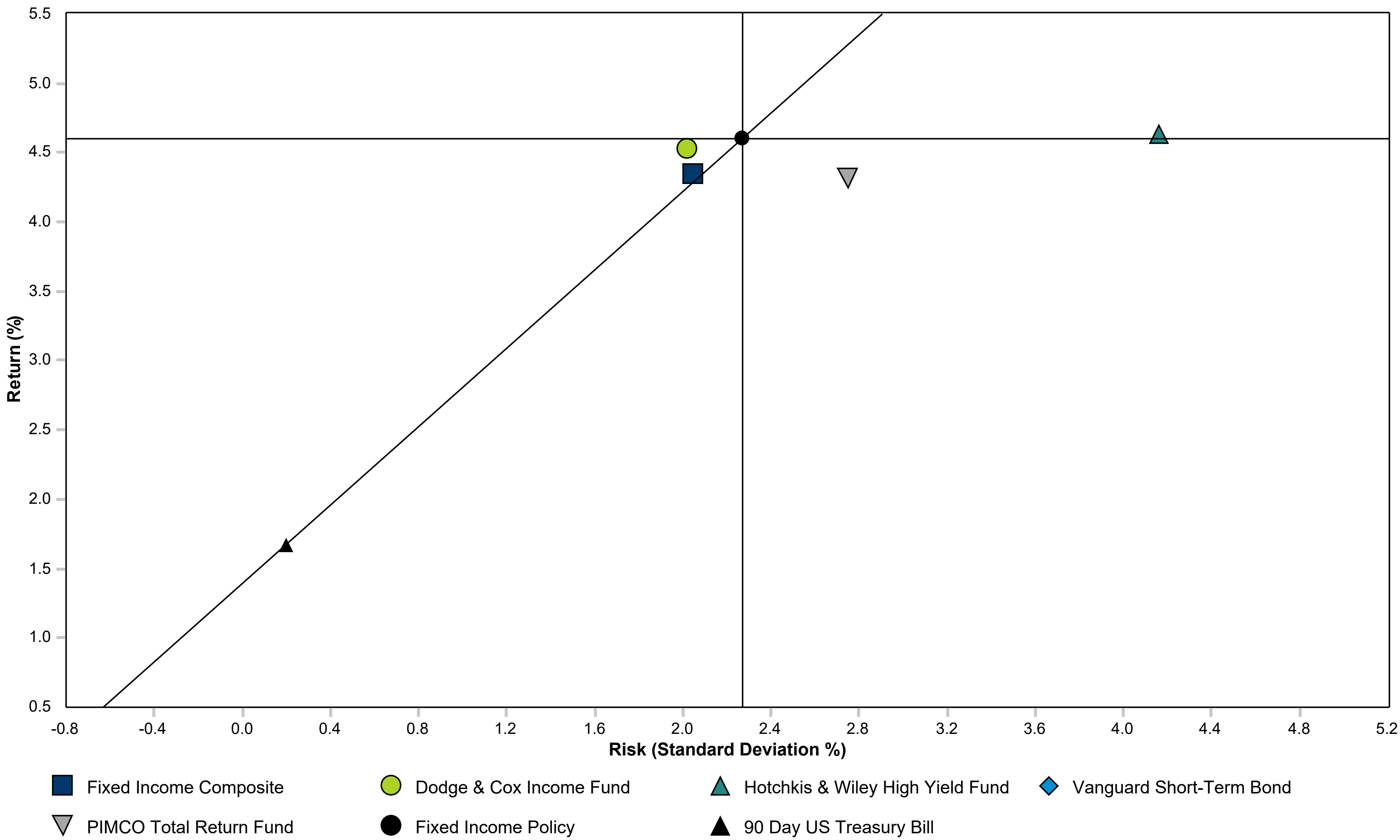
Risk vs. Return

Fixed Income Composite

Periods Ended 3 Years Ending December 31, 2019



Calculation based on monthly periodicity.

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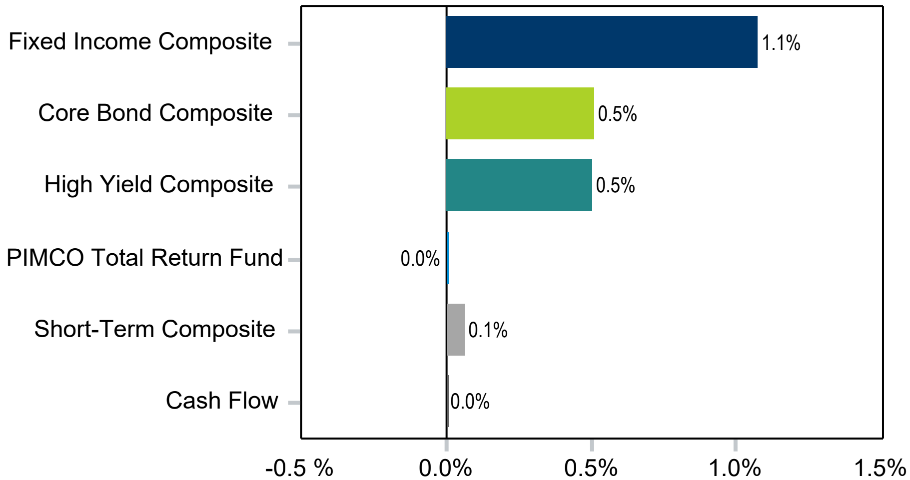
Return and Risk Contribution

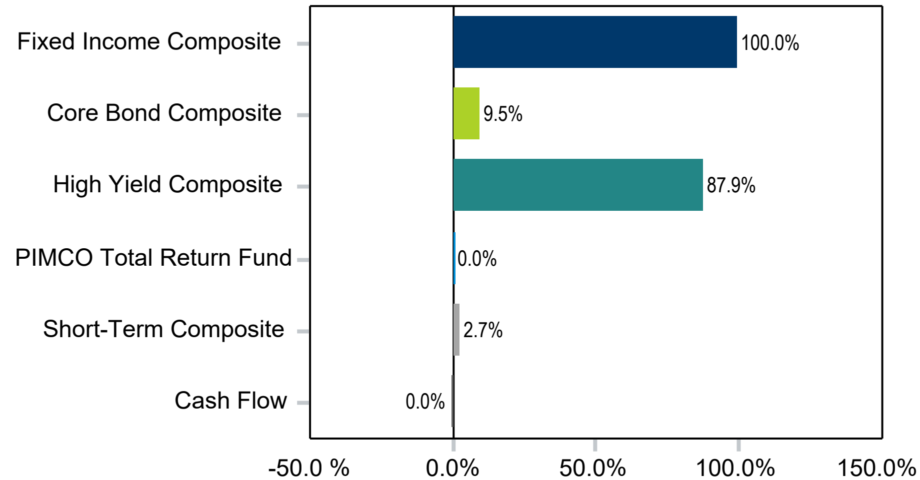
Fixed Income Composite

Periods Ended December 31, 2019

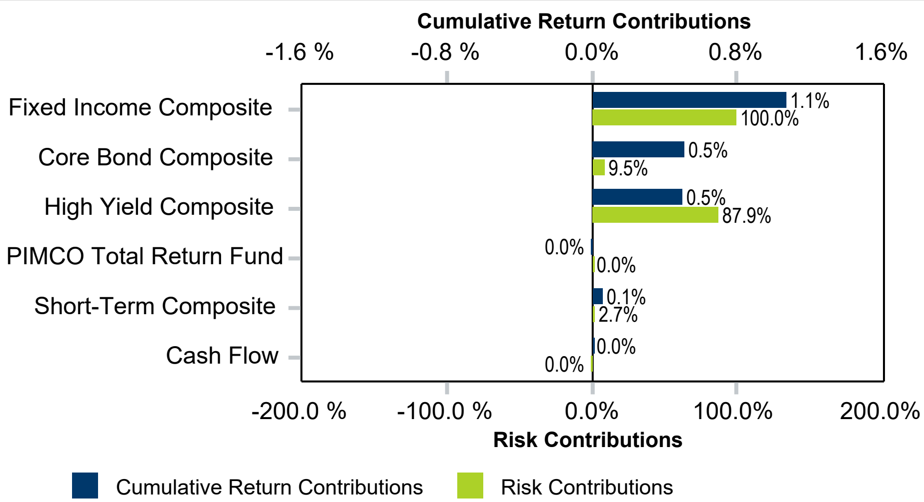
Cumulative Return Contributions



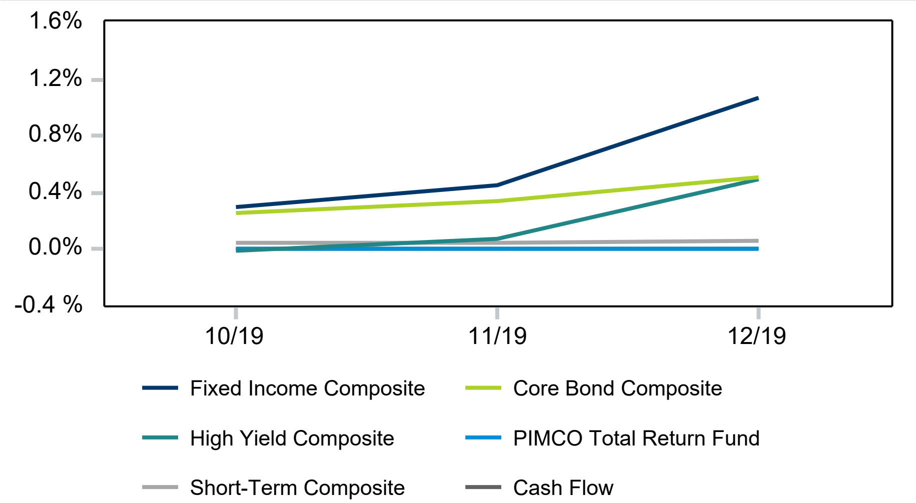
Risk Contributions



Cumulative Return and Risk Contributions



Cumulative Return Contributions History



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Portfolio Characteristics

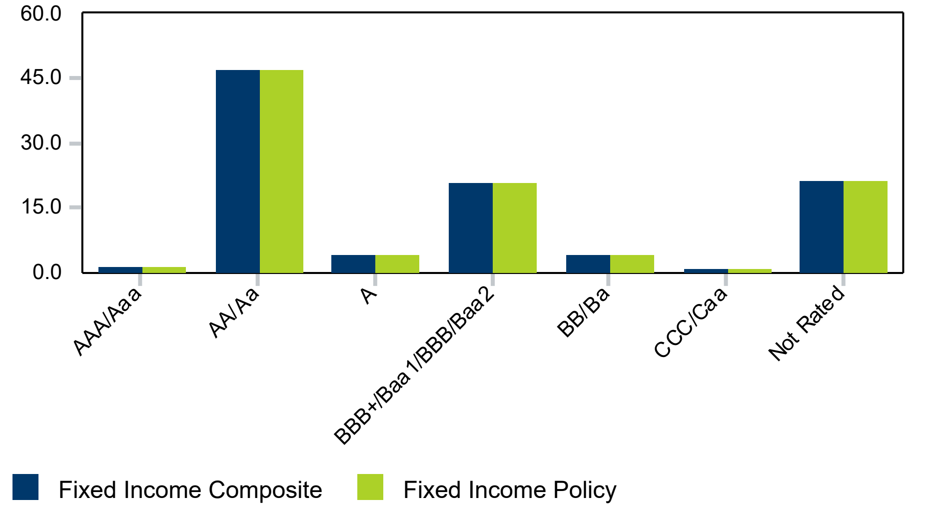
Fixed Income Composite vs Fixed Income Policy

Periods Ended As of December 31, 2019

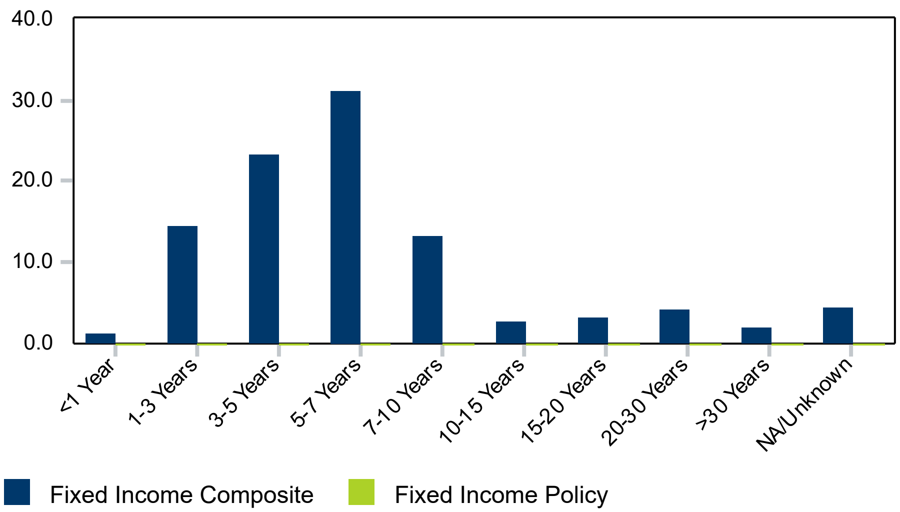
Portfolio Characteristics

	Portfolio	Benchmark
Avg. Maturity	6.91	
Avg. Quality	A	
Convexity	0.37	
Coupon Rate (%)	3.91	
Current Yield		
Modified Duration	4.47	
Effective Duration	4.06	
Spread Duration		
Yield To Maturity (%)	3.46	
Yield To Worst	3.39	
Market To Book Value		
Crediting Rate		
Crediting to Underlying Ratio		
Underlying Yield		
Holdings Count	3,693	

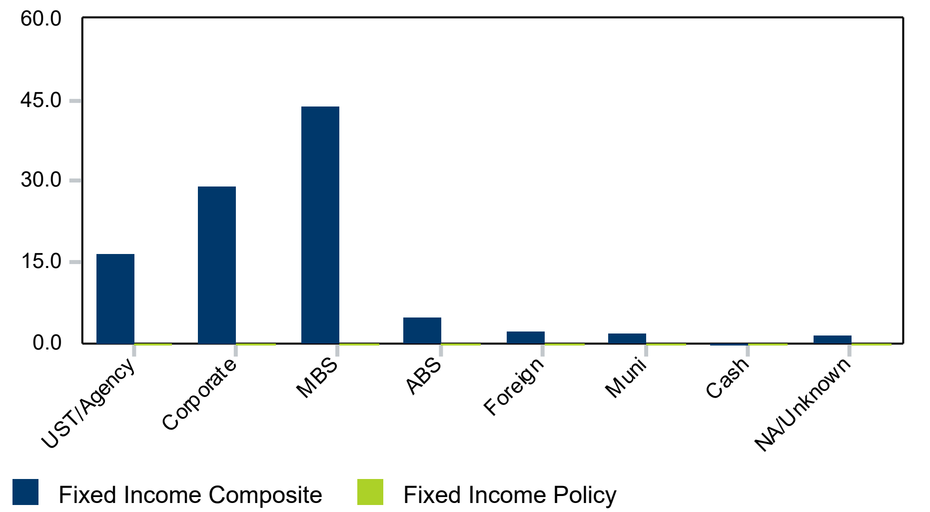
Credit Quality Distribution (%)



Maturity Distribution (%)



Sector Distribution (%)



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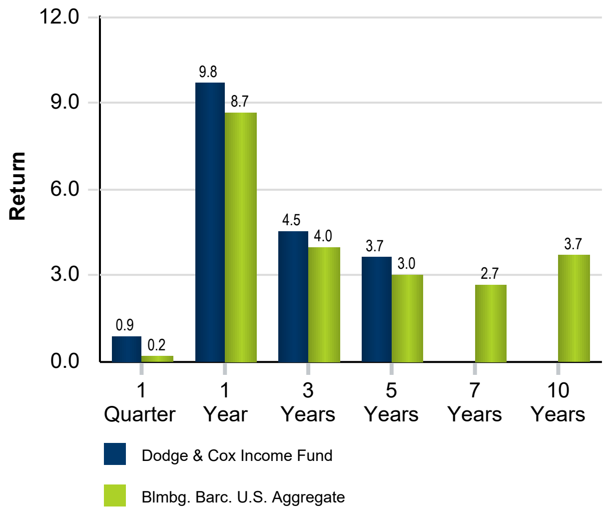
Performance Summary

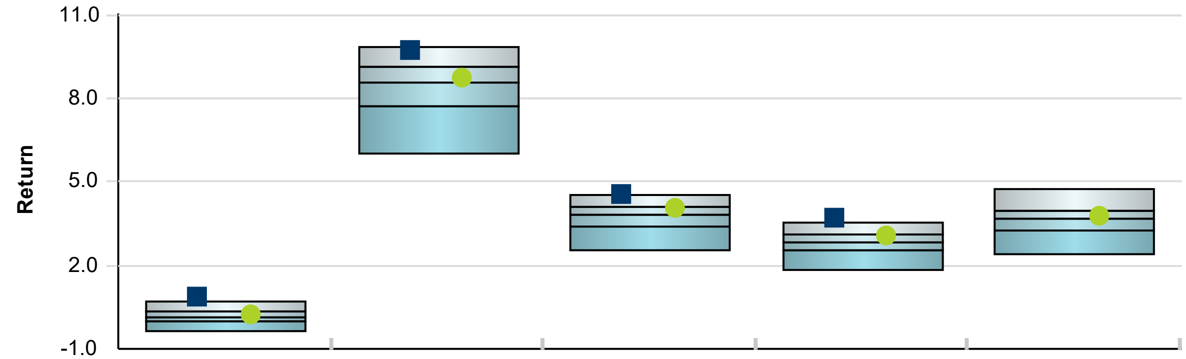
Dodge & Cox Income Fund

Periods Ended December 31, 2019

Comparative Performance

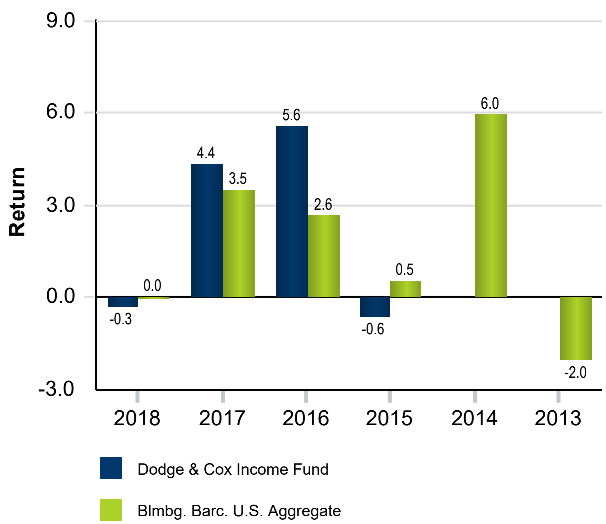


Peer Group Analysis: Intermediate-Term Bond

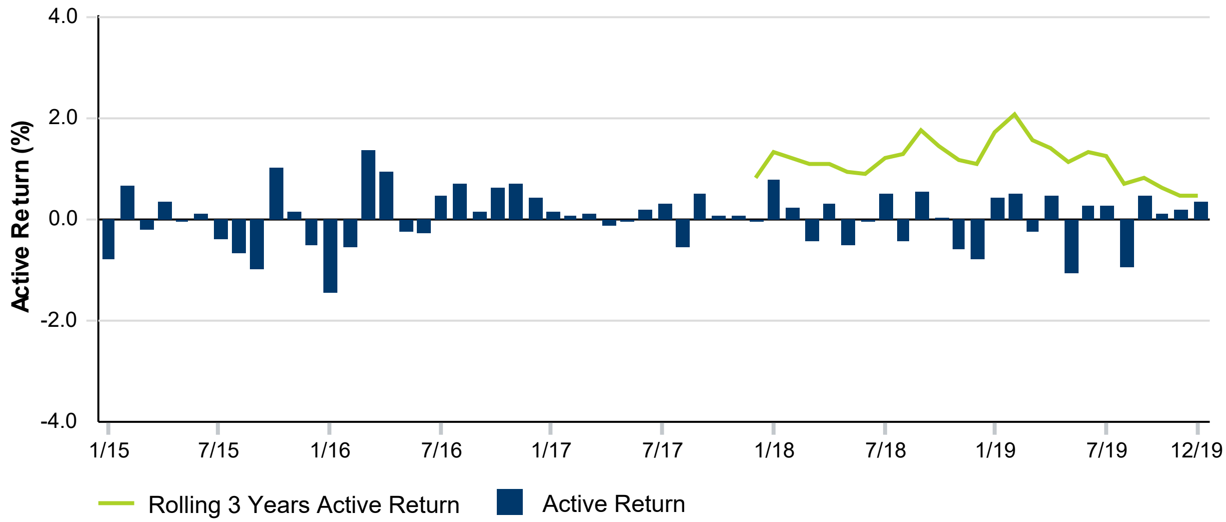


	Quarter	1 Year	3 Years	5 Years	10 Years
Fund	0.87 (3)	9.75 (9)	4.52 (6)	3.68 (3)	
Benchmark	0.18 (41)	8.72 (40)	4.03 (32)	3.05 (33)	3.75 (43)
Median	0.15	8.56	3.82	2.87	3.67

Comparative Performance



Rolling 3 Years Performance



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Summary Statistics

Dodge & Cox Income Fund

Periods Ended 1 Year Ending December 31, 2019

Return Summary Statistics

	Dodge & Cox Income Fund	Blmbg. Barc. U.S. Aggregate
Maximum Return	1.70	2.59
Minimum Return	-0.07	-0.53
Return	9.75	8.72
Cumulative Return	9.75	8.72
Active Return	0.93	0.00
Excess Return	7.11	6.19

Risk Summary Statistics

	Dodge & Cox Income Fund	Blmbg. Barc. U.S. Aggregate
Upside Risk	0.99	1.17
Downside Risk	0.07	0.54
Beta	0.56	1.00

Risk/Return Summary Statistics

	Dodge & Cox Income Fund	Blmbg. Barc. U.S. Aggregate
Standard Deviation	2.10	3.28
Alpha	4.77	0.00
Active Return/Risk	0.44	0.00
Tracking Error	1.79	0.00
Information Ratio	0.52	
Sharpe Ratio	3.50	1.93

Correlation Statistics

	Dodge & Cox Income Fund	Blmbg. Barc. U.S. Aggregate
R-Squared	0.75	1.00
Actual Correlation	0.87	1.00

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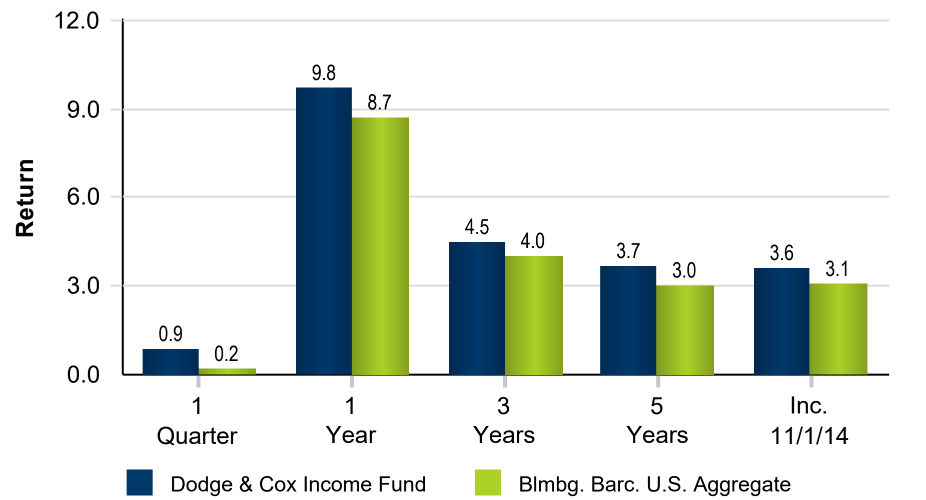
Manager Summary

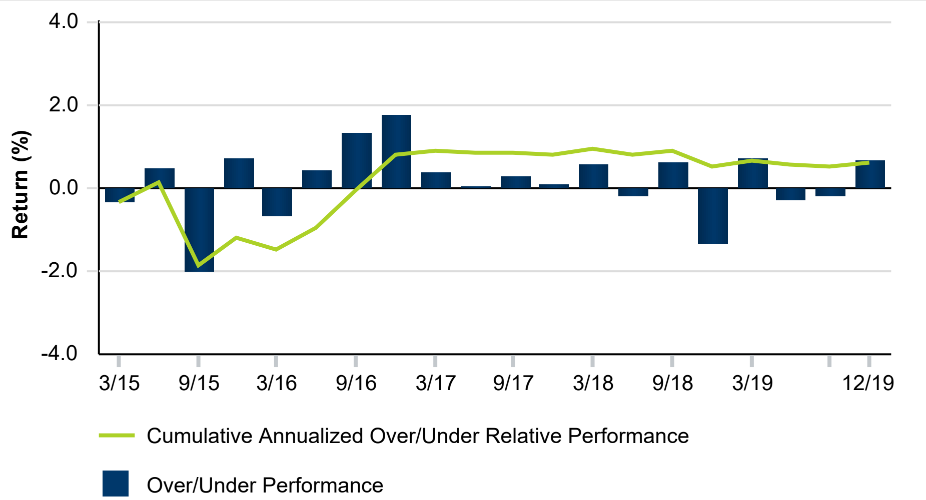
Dodge & Cox Income Fund vs Intermediate-Term Bond

Periods Ended December 31, 2019

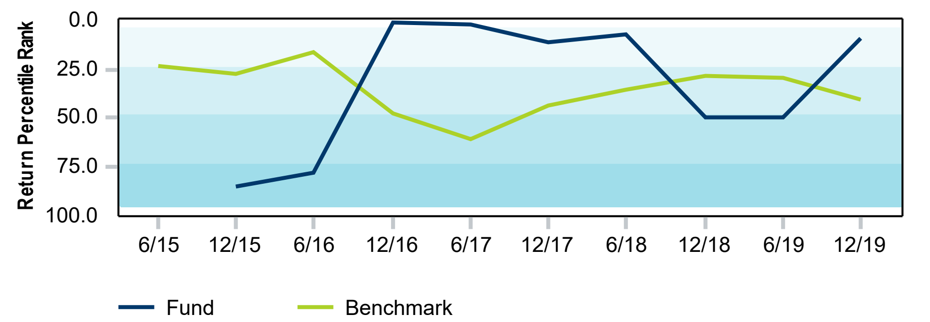
Comparative Performance



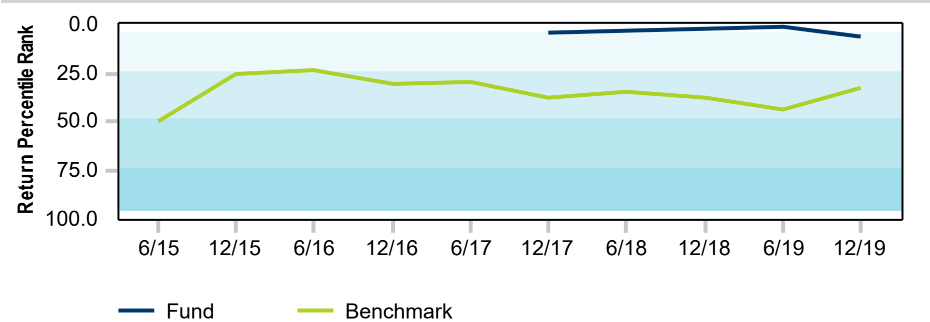
Relative Performance



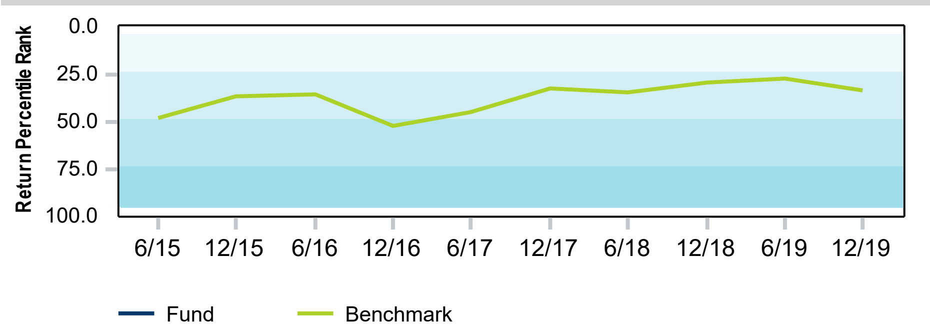
1 Year Rolling Percentile Ranking



3 Year Rolling Percentile Ranking



5 Year Rolling Percentile Ranking



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Portfolio Characteristics

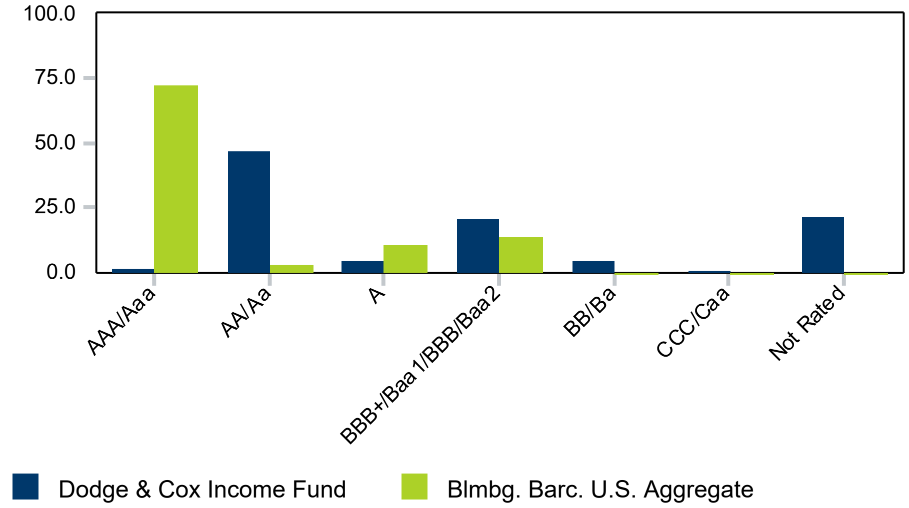
Dodge & Cox Income Fund vs Blmbg. Barc. U.S. Aggregate

Periods Ended As of December 31, 2019

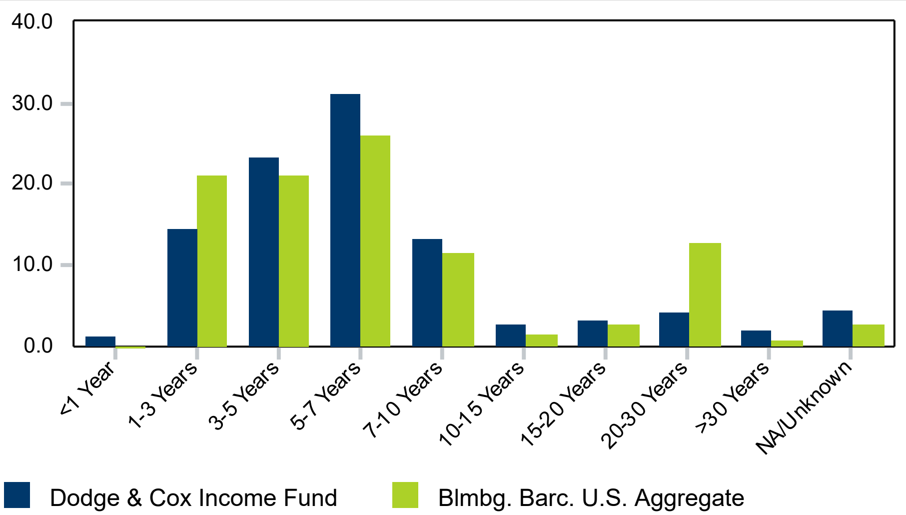
Portfolio Characteristics

	Portfolio	Benchmark
Avg. Maturity	7.64	8.21
Avg. Quality	A	AA
Convexity	0.51	0.85
Coupon Rate (%)	3.62	3.23
Current Yield		2.31
Modified Duration	5.09	6.32
Effective Duration	4.98	6.24
Spread Duration		
Yield To Maturity (%)	2.84	2.31
Yield To Worst	2.80	2.31
Market To Book Value		
Crediting Rate		
Crediting to Underlying Ratio		
Underlying Yield		
Holdings Count	1,083	11,037

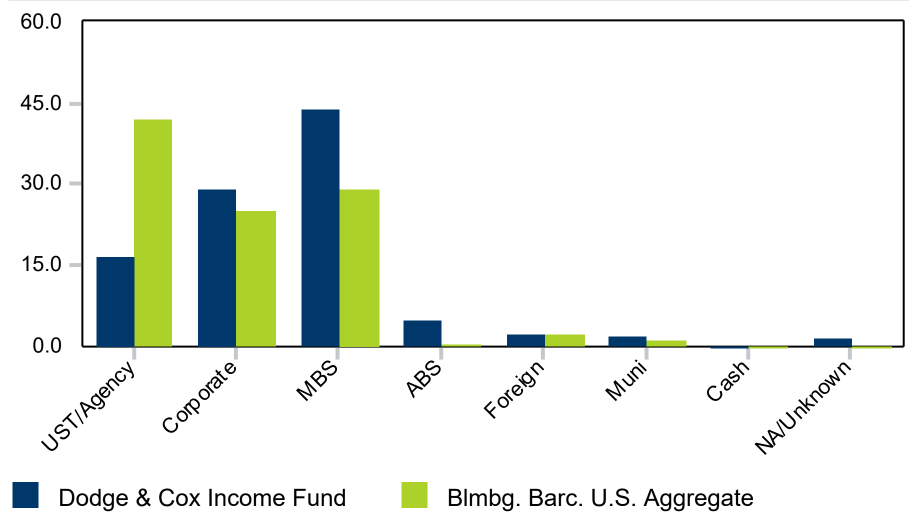
Credit Quality Distribution (%)



Maturity Distribution (%)



Sector Distribution (%)



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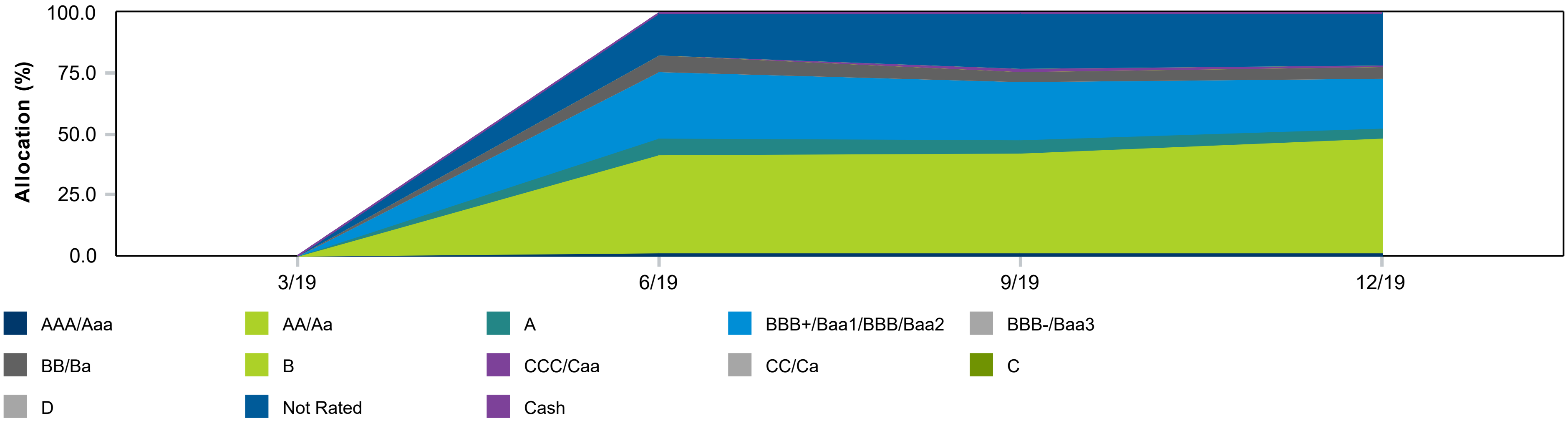
Historical Portfolio Allocation Graph

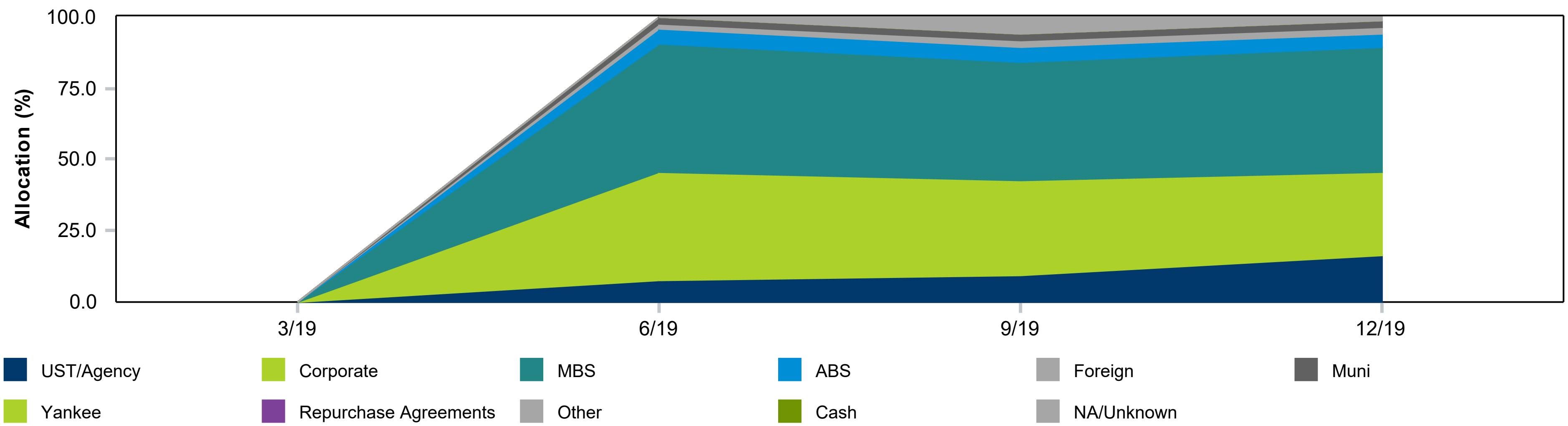
Dodge & Cox Income Fund

Periods Ended 1 Year Ending December 31, 2019

Credit Quality Distribution (%)



Sector Distribution (%)



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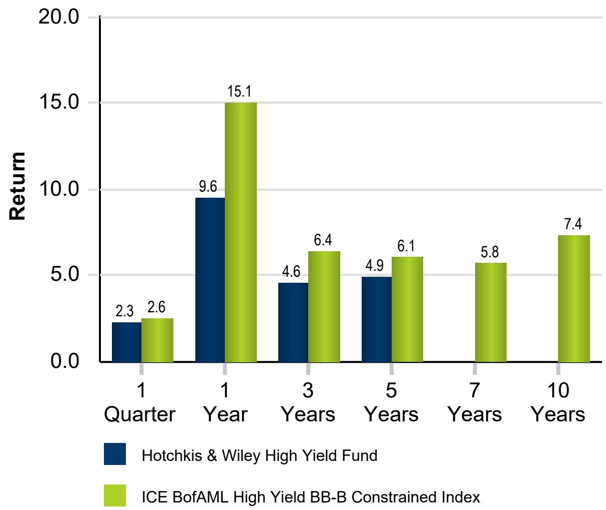
Performance Summary

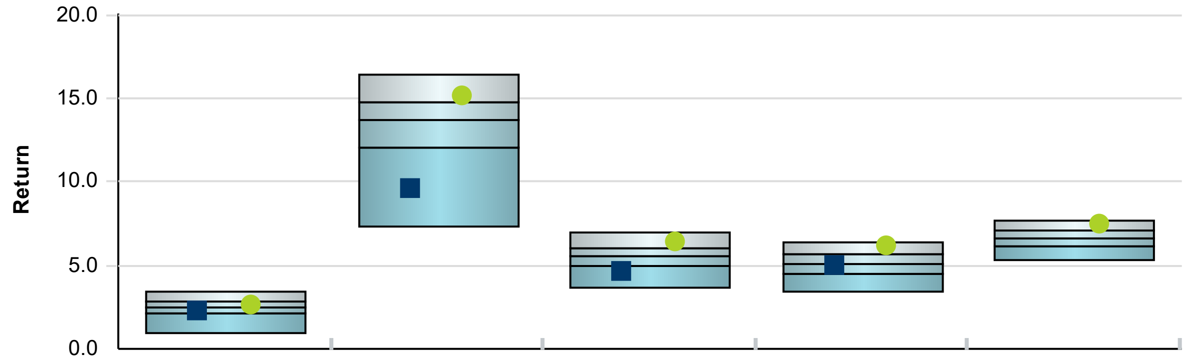
Hotchkis & Wiley High Yield Fund

Periods Ended December 31, 2019

Comparative Performance

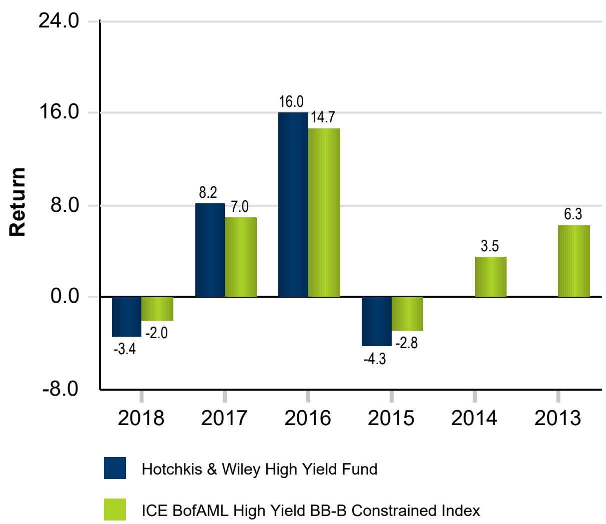


Peer Group Analysis: High Yield Bond

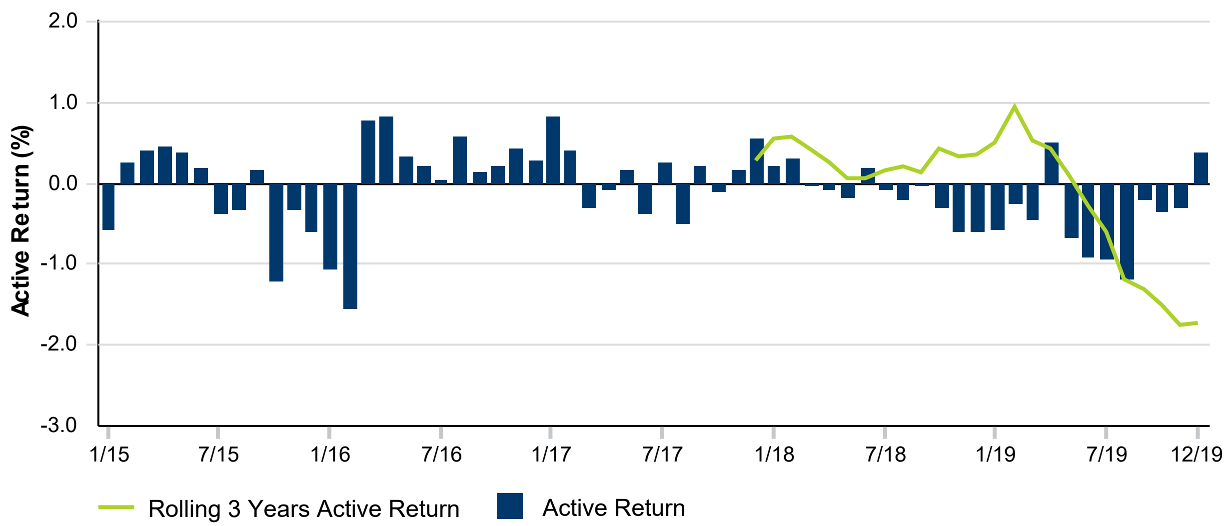


	Quarter	1 Year	3 Years	5 Years	10 Years
Fund	2.28 (66)	9.57 (88)	4.63 (83)	4.93 (59)	
Benchmark	2.58 (44)	15.11 (19)	6.45 (12)	6.11 (12)	7.40 (12)
Median	2.49	13.67	5.58	5.12	6.66

Comparative Performance



Rolling 3 Years Performance



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Summary Statistics

Hotchkis & Wiley High Yield Fund

Periods Ended 1 Year Ending December 31, 2019

Return Summary Statistics

	Hotchkis & Wiley High Yield Fund	ICE BofAML High Yield BB-B Constrained Index
Maximum Return	3.86	4.43
Minimum Return	-1.72	-1.05
Return	9.57	15.09
Cumulative Return	9.57	15.09
Active Return	-4.95	0.00
Excess Return	7.03	11.98

Risk Summary Statistics

	Hotchkis & Wiley High Yield Fund	ICE BofAML High Yield BB-B Constrained Index
Upside Risk	1.51	1.73
Downside Risk	1.81	1.05
Beta	1.01	1.00

Risk/Return Summary Statistics

	Hotchkis & Wiley High Yield Fund	ICE BofAML High Yield BB-B Constrained Index
Standard Deviation	4.85	4.50
Alpha	-4.99	0.00
Active Return/Risk	-1.02	0.00
Tracking Error	1.66	0.00
Information Ratio	-2.97	
Sharpe Ratio	1.45	2.66

Correlation Statistics

	Hotchkis & Wiley High Yield Fund	ICE BofAML High Yield BB-B Constrained Index
R-Squared	0.88	1.00
Actual Correlation	0.94	1.00

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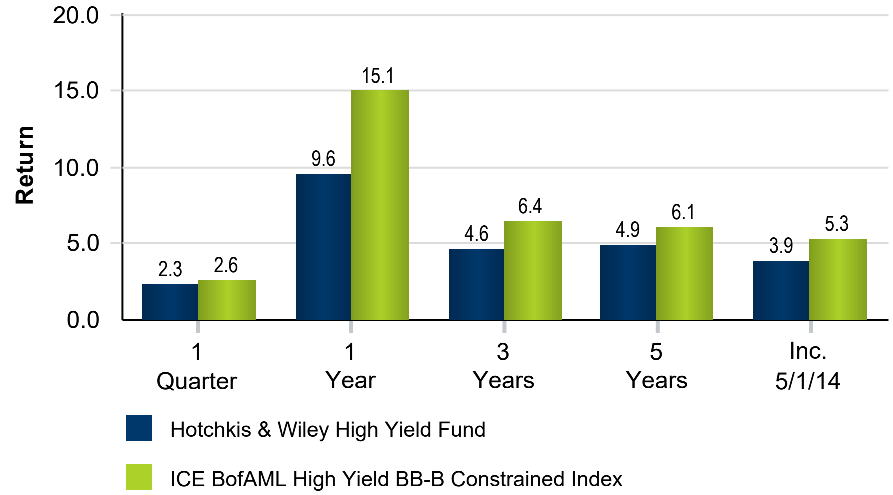
Manager Summary

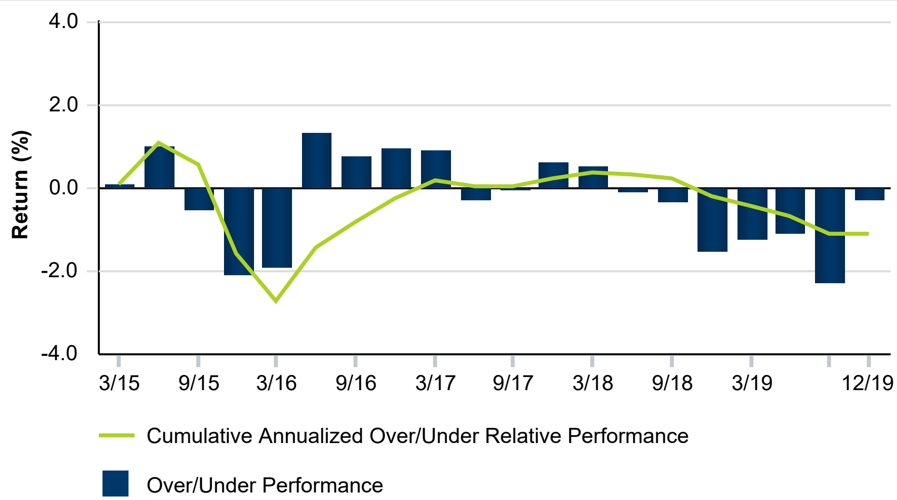
Hotchkis & Wiley High Yield Fund vs High Yield Bond

Periods Ended December 31, 2019

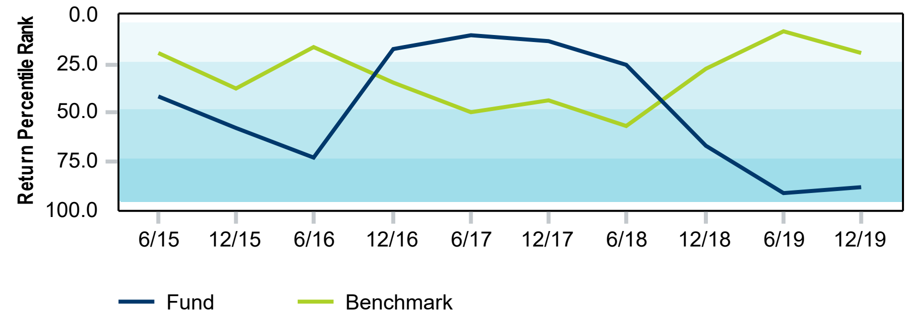
Comparative Performance



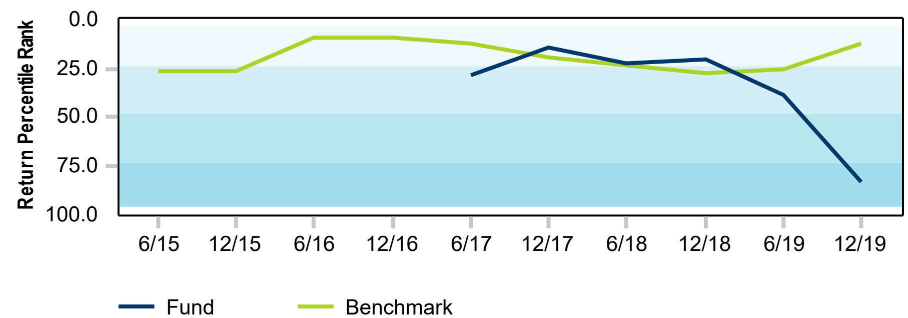
Relative Performance



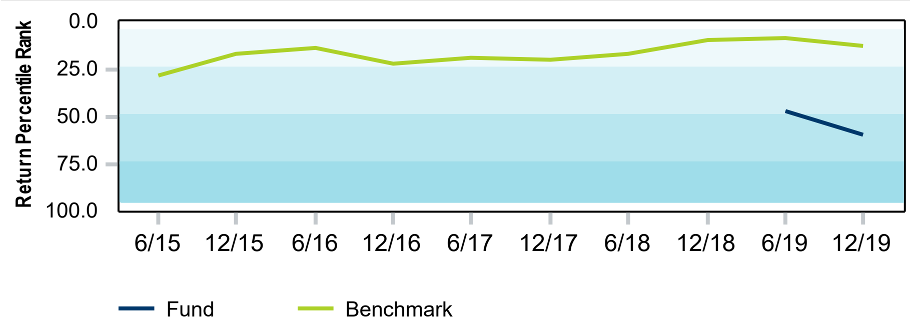
1 Year Rolling Percentile Ranking



3 Year Rolling Percentile Ranking



5 Year Rolling Percentile Ranking



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Portfolio Characteristics

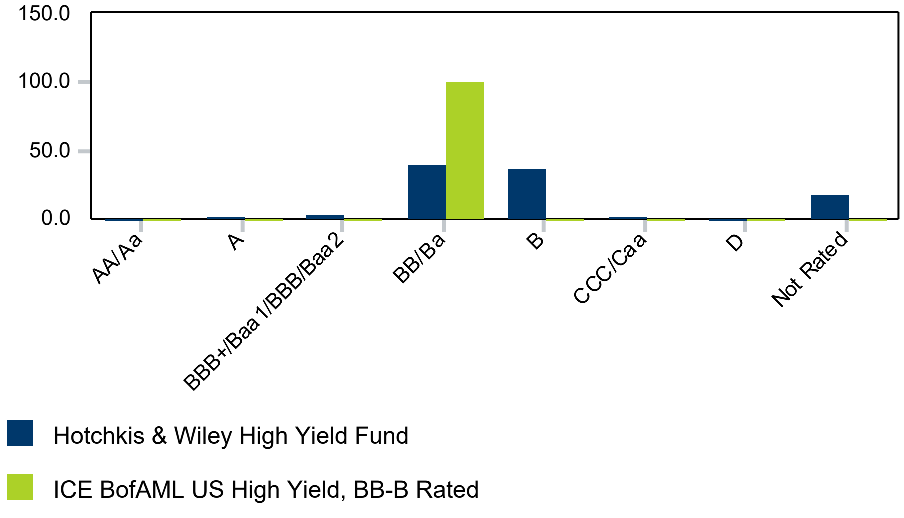
Hotchkis & Wiley High Yield Fund vs ICE BofAML US High Yield, BB-B Rated

Periods Ended As of December 31, 2019

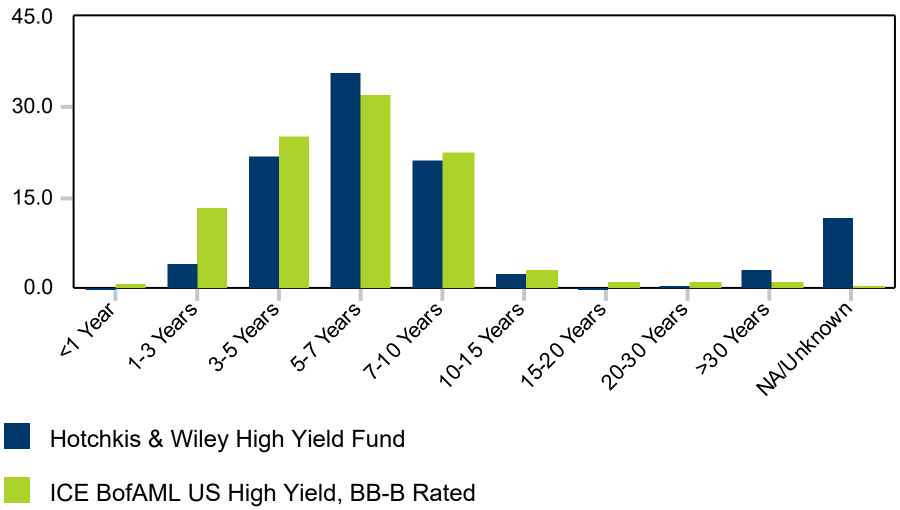
Portfolio Characteristics

	Portfolio	Benchmark
Avg. Maturity	9.25	6.60
Avg. Quality	BB	BB
Convexity	0.32	0.32
Coupon Rate (%)	6.27	6.02
Current Yield		5.19
Modified Duration	4.73	4.66
Effective Duration	3.18	3.10
Spread Duration		
Yield To Maturity (%)	6.74	5.19
Yield To Worst	6.56	4.48
Market To Book Value		
Crediting Rate		
Crediting to Underlying Ratio		
Underlying Yield		
Holdings Count	167	1,511

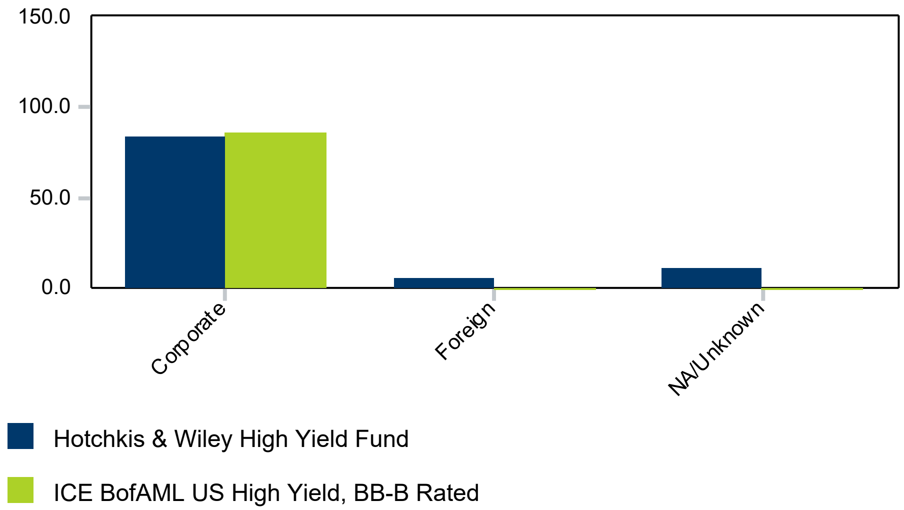
Credit Quality Distribution (%)



Maturity Distribution (%)



Sector Distribution (%)



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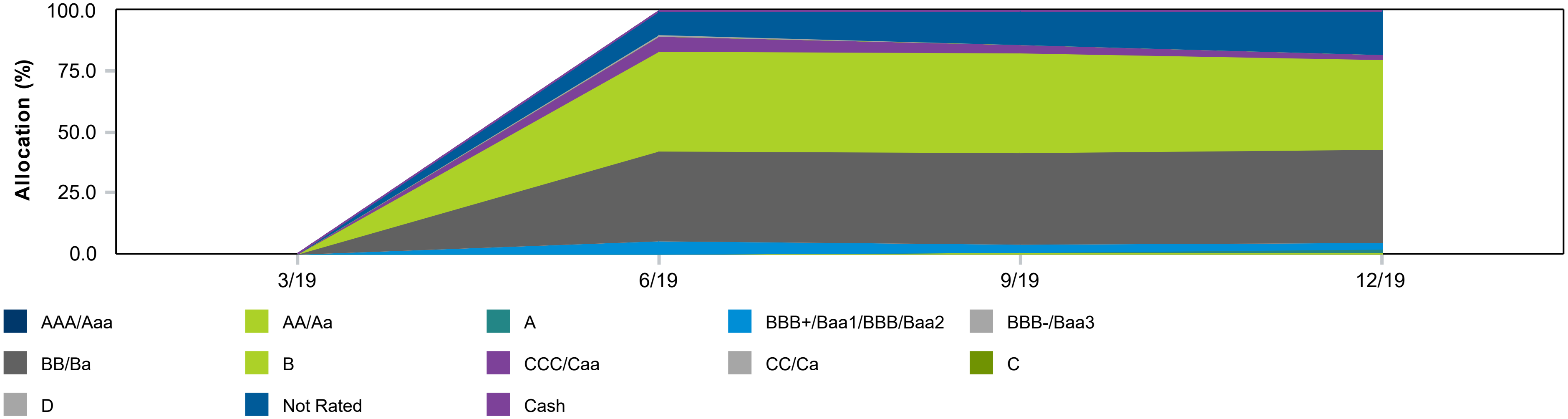
Historical Portfolio Allocation Graph

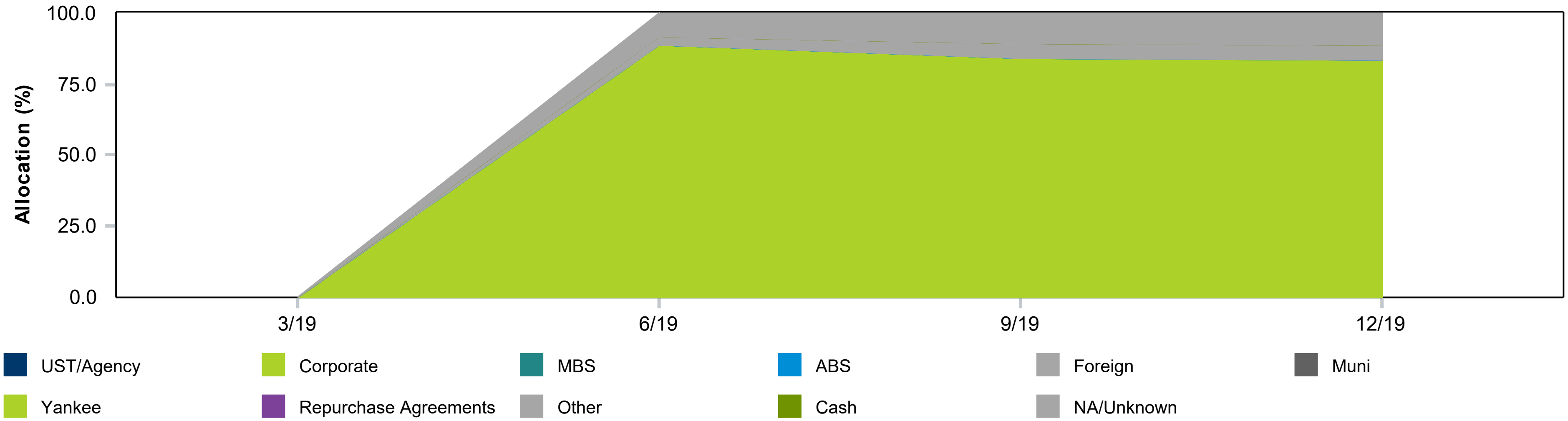
Hotchkis & Wiley High Yield Fund

Periods Ended Year To Date Ending December 31, 2019

Credit Quality Distribution (%)



Sector Distribution (%)



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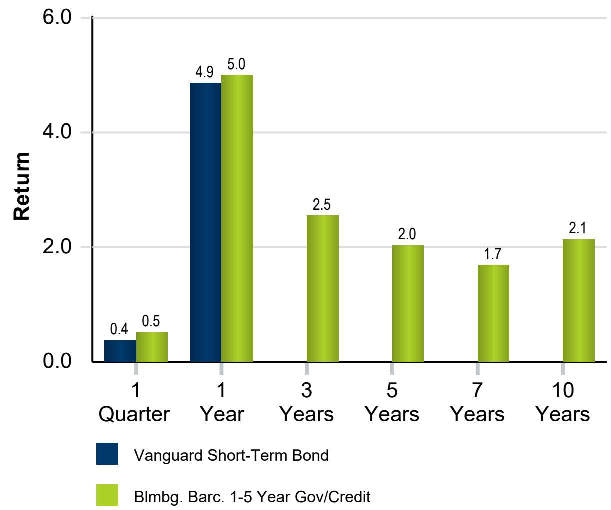
Performance Summary

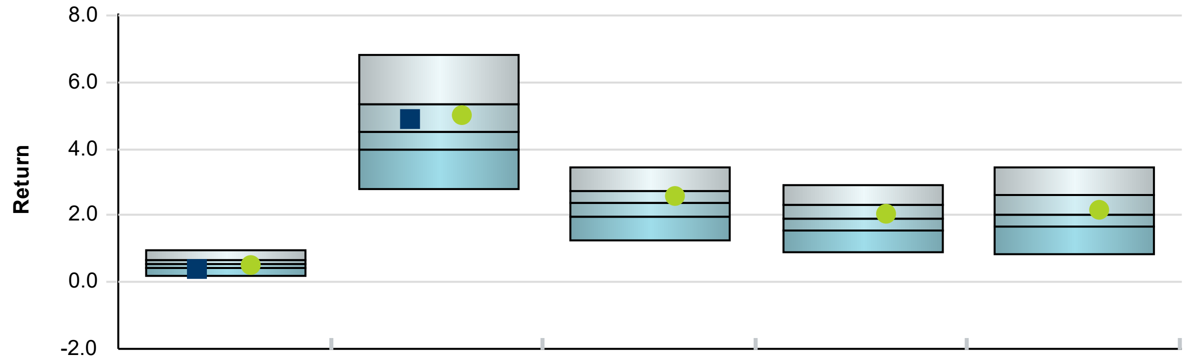
Vanguard Short-Term Bond

Periods Ended December 31, 2019

Comparative Performance

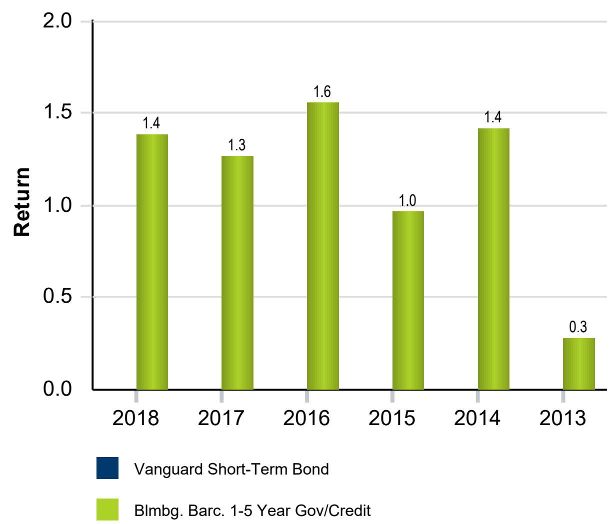


Peer Group Analysis: Short-Term Bond

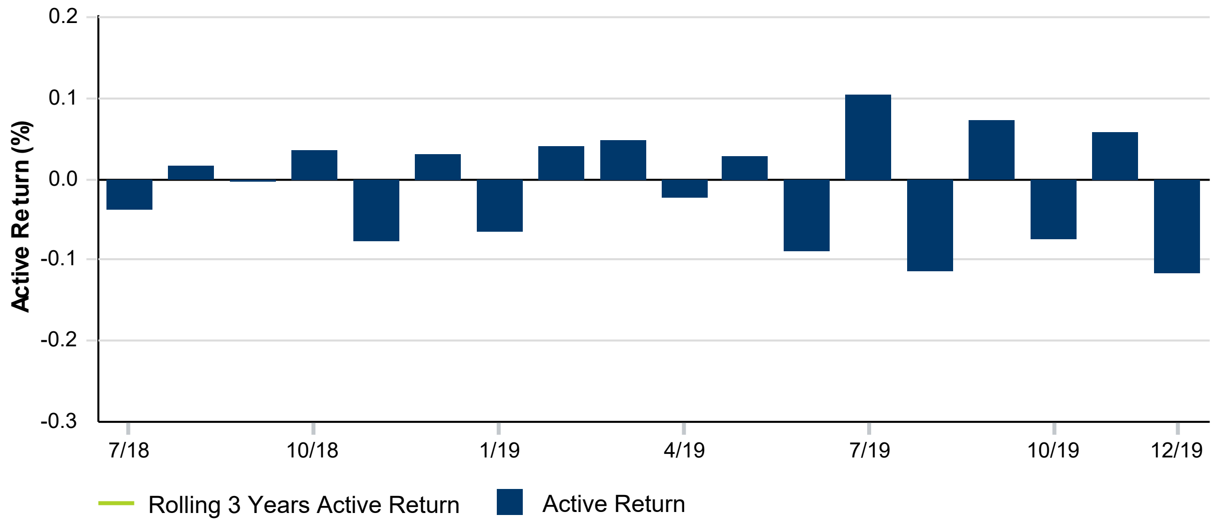


	Quarter	1 Year	3 Years	5 Years	10 Years
Fund	0.37 (81)	4.87 (37)			
Benchmark	0.50 (59)	5.01 (32)	2.54 (37)	2.03 (40)	2.13 (47)
Median	0.55	4.51	2.36	1.88	2.03

Comparative Performance



Rolling 3 Years Performance



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Summary Statistics

Vanguard Short-Term Bond

Periods Ended 1 Year Ending December 31, 2019

Return Summary Statistics

	Vanguard Short-Term Bond	Blmbg. Barc. 1-5 Year Gov/Credit
Maximum Return	1.05	1.16
Minimum Return	-0.10	-0.17
Return	4.87	5.01
Cumulative Return	4.87	5.01
Active Return	-0.13	0.00
Excess Return	2.52	2.65

Risk Summary Statistics

	Vanguard Short-Term Bond	Blmbg. Barc. 1-5 Year Gov/Credit
Upside Risk	0.56	0.59
Downside Risk	0.10	0.21
Beta	0.92	1.00

Risk/Return Summary Statistics

	Vanguard Short-Term Bond	Blmbg. Barc. 1-5 Year Gov/Credit
Standard Deviation	1.39	1.49
Alpha	0.28	0.00
Active Return/Risk	-0.09	0.00
Tracking Error	0.26	0.00
Information Ratio	-0.50	
Sharpe Ratio	1.94	1.88

Correlation Statistics

	Vanguard Short-Term Bond	Blmbg. Barc. 1-5 Year Gov/Credit
R-Squared	0.97	1.00
Actual Correlation	0.99	1.00

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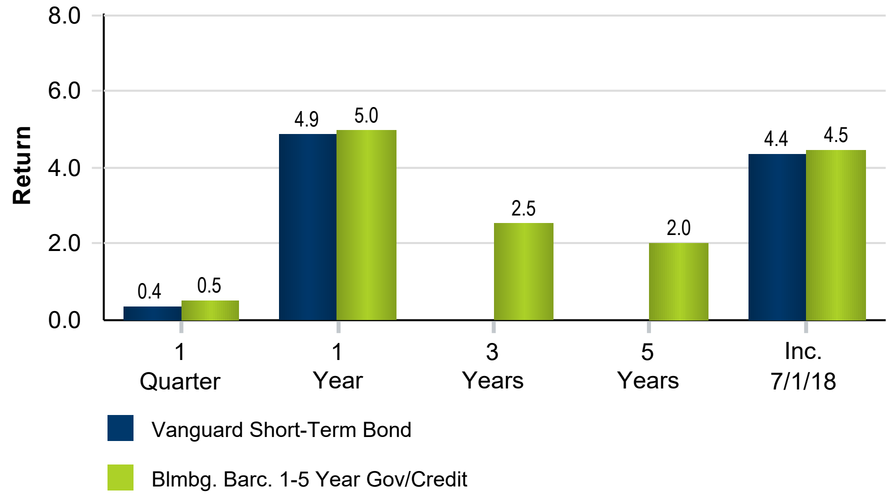
Manager Summary

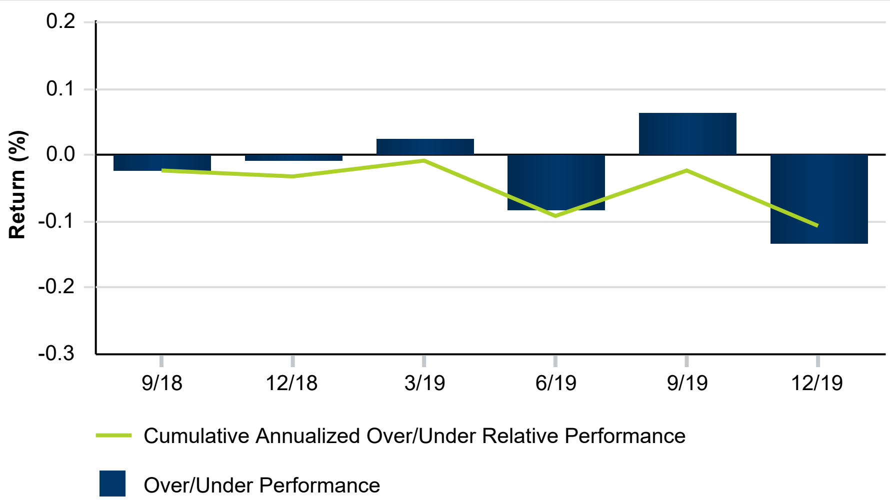
Vanguard Short-Term Bond vs Short-Term Bond

Periods Ended December 31, 2019

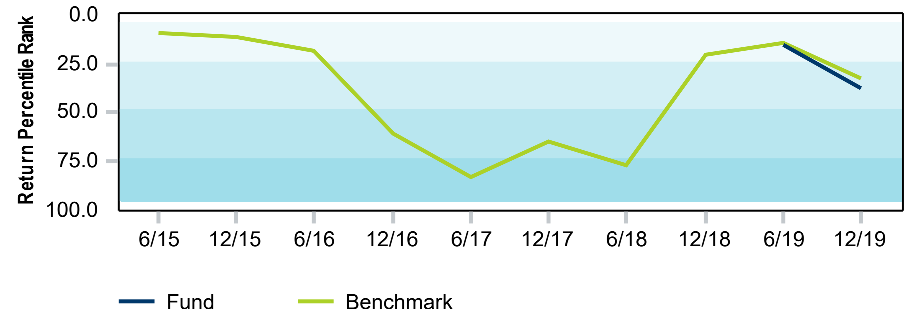
Comparative Performance



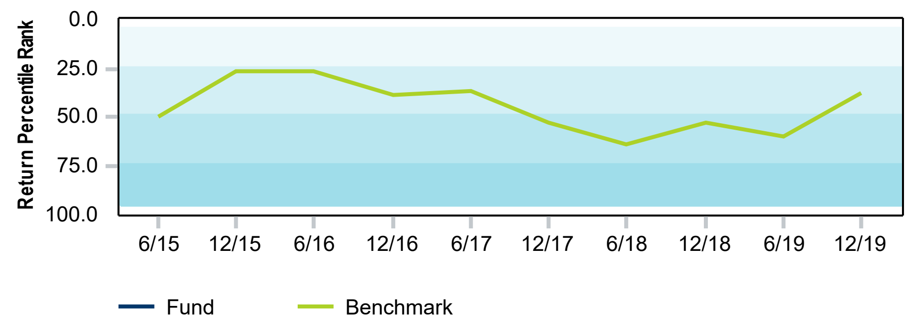
Relative Performance



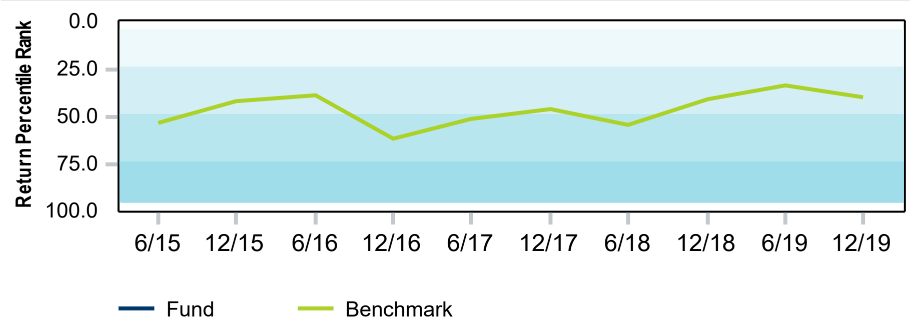
1 Year Rolling Percentile Ranking



3 Year Rolling Percentile Ranking



5 Year Rolling Percentile Ranking



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Portfolio Characteristics

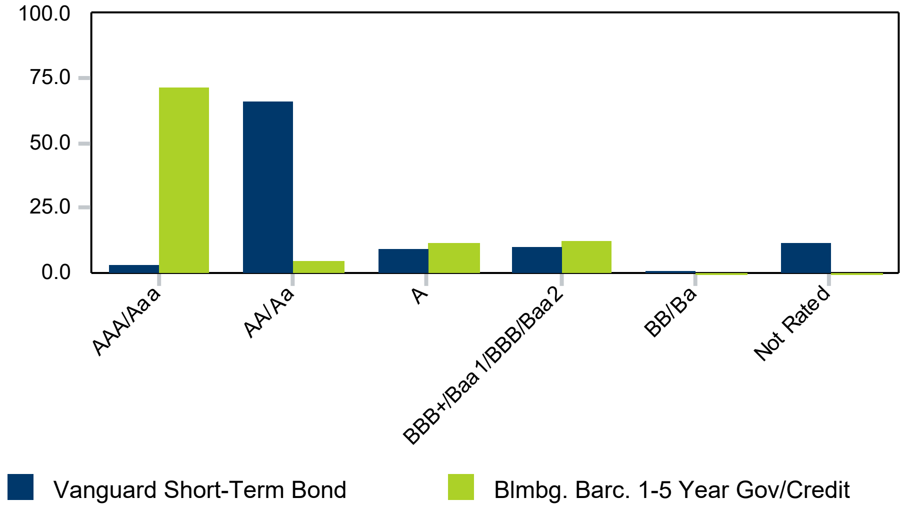
Vanguard Short-Term Bond vs Blmbg. Barc. 1-5 Year Gov/Credit

Periods Ended As of December 31, 2019

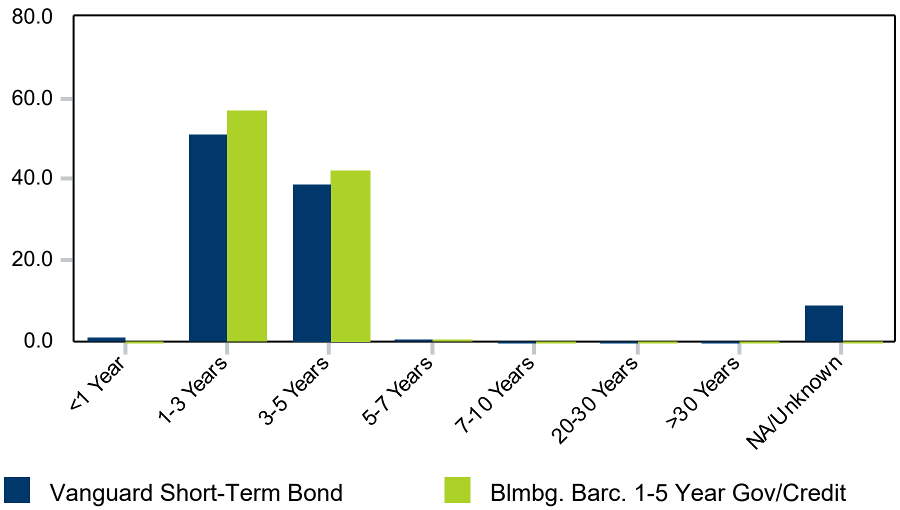
Portfolio Characteristics

	Portfolio	Benchmark
Avg. Maturity	2.83	2.86
Avg. Quality	AA	AA
Convexity	0.10	0.10
Coupon Rate (%)	2.32	2.47
Current Yield		1.80
Modified Duration	2.67	2.68
Effective Duration	2.65	2.65
Spread Duration		
Yield To Maturity (%)	1.78	1.80
Yield To Worst	1.77	1.79
Market To Book Value		
Crediting Rate		
Crediting to Underlying Ratio		
Underlying Yield		
Holdings Count	2,443	2,902

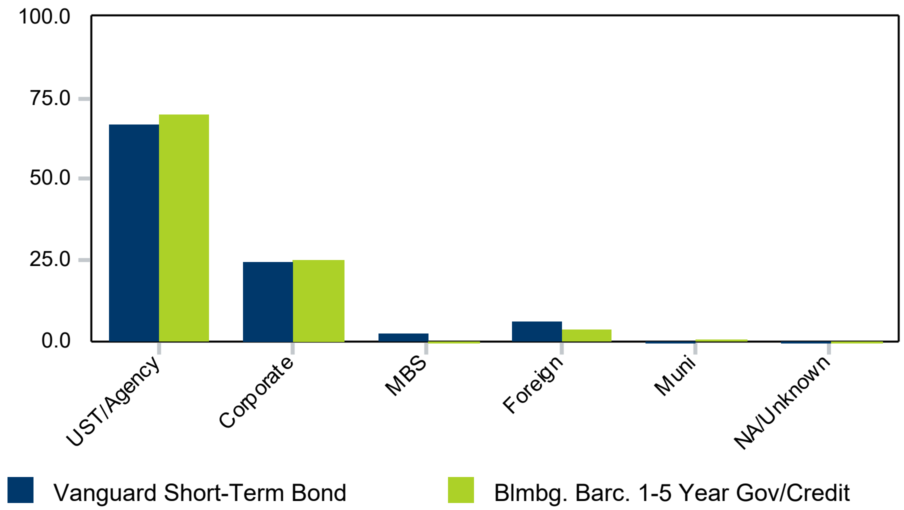
Credit Quality Distribution (%)



Maturity Distribution (%)



Sector Distribution (%)



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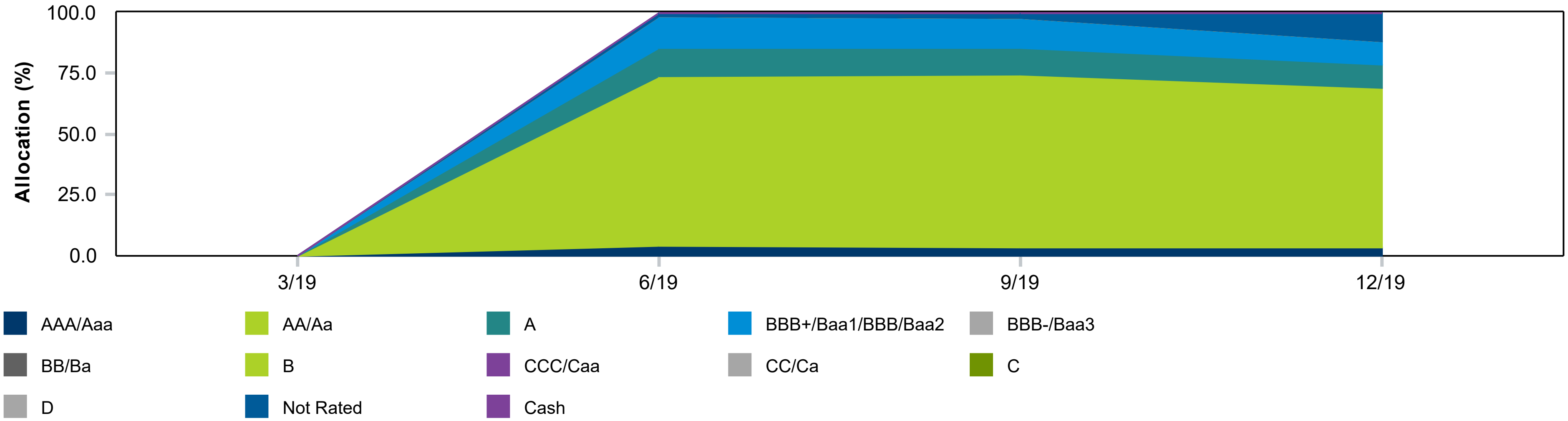
Historical Portfolio Allocation Graph

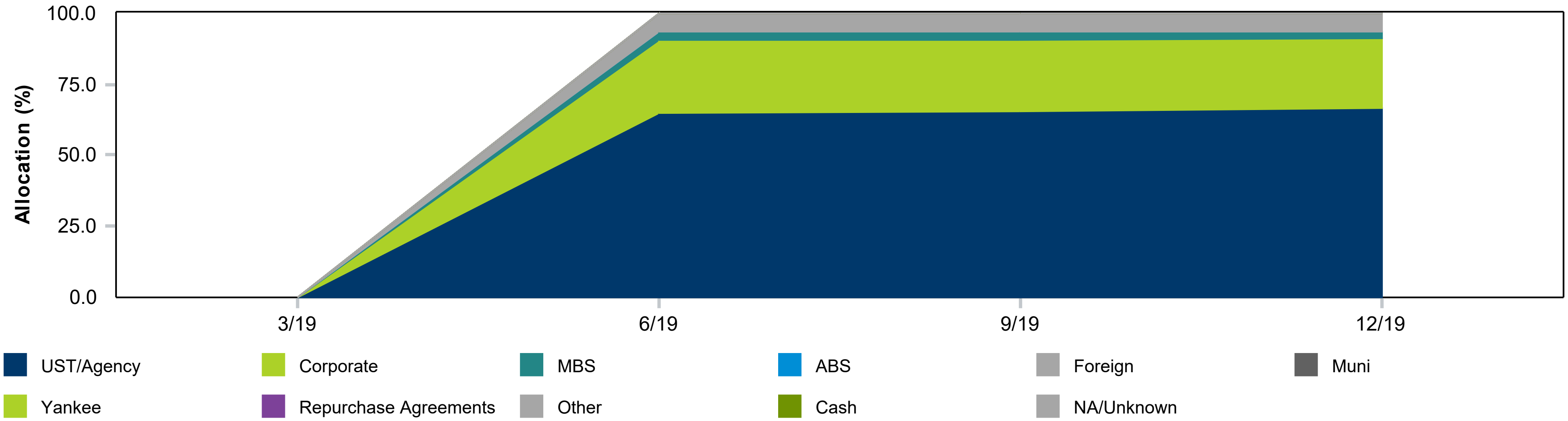
Vanguard Short-Term Bond

Periods Ended 1 Year Ending December 31, 2019

Credit Quality Distribution (%)



Sector Distribution (%)



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