

## Benchmark Returns for the Period Ended June 2019



	Quarter	Annualized		
		1 Year	5 Year	10 Year
US Treasury Bills (one month)	0.60%	2.23%	0.80%	0.43%
Barclays Capital US Gov't/Credit Intermediate Bond	2.59%	6.93%	2.39%	3.24%
Standard & Poor's 500	4.30%	10.42%	10.71%	14.70%
Russell 1000 Value (large cap value)	3.84%	8.46%	7.46%	13.19%
Russell 2000 (small cap)	2.10%	-3.31%	7.06%	13.45%
MSCI Europe, Australasia and Far East (EAFE)	3.68%	1.08%	2.25%	6.90%
MSCI Emerging Markets Index	0.61%	1.21%	2.49%	5.81%
Wilshire REIT	1.63%	10.53%	7.84%	15.66%

Source for returns: Morningstar™ as of 6/30/2019.

### Quarterly Commentary

Global equity markets were positive for the second quarter. Domestic equities (as measured by the S&P 500) returned 4.30%, International equities (as measured by the MSCI EAFE Index) returned 3.68%, and Emerging Markets (as measured by the MSCI Emerging Markets Index) returned 0.61%.

The sharp drop during the fourth quarter of 2018 seems more like a distant memory than a recent market decline, as the S&P 500 reached another record high in June. The S&P is off to its best start for a calendar year in decades, yet the strong performance has as much to do with the sharp decline in the fourth quarter of 2018 as it has with positive performance in 2019. The average annual return for the S&P 500 since the 1920s is around 10.5%; its return over the past 12 months is 10.42%. While the returns of the US market over the past year have been close to average, the ride to get there has not, which illustrates the importance of sticking to an investment plan through downturns.

Remember that the S&P 500 is only a portion of a globally diversified investment portfolio. Although the S&P 500 is currently trading near a record high, other asset classes haven't reached such lofty heights. Domestic Small Cap stocks (as measured by the Russell 2000) and International Large Cap stocks (as measured by the MSCI EAFE Index) are still well below the all-time highs they reached in 2018.

Interest rates were once again the topic of conversation during the second quarter. While the Federal Reserve held its interest rate target at 2.25%-2.50% throughout the quarter, economic growth expectations subsided and trade tensions remained. Because of this, the bond market began to price in interest rate decreases for the remainder of 2019 and beyond. Ten-year US Treasuries are currently yielding around 2% and earning less than shorter-term treasuries, resulting in an "inverted" yield curve.

An inverted yield curve has historically preceded recessions, which is creating anxiety for many. As for any possible recession, the devil is in the details. Both the cause and depth of the yield curve inversions are vital in determining their impact, and so far, the inversion is only slight: -0.14%. The time from an inversion to a recession has ranged from 6 to 24 months. To further complicate things for those attempting to time market performance, the equity market returns are never aligned perfectly with the peaks and valleys of economic growth.

For investors, this is simply a different horse on the same merry-go-round. Uncertainty is ever-present in economics and investing. One year it might be the housing market, the next the financial services industry, and currently, interest rates and trade tensions. As Niels Bohr, a Nobel Prize winning physicist stated bluntly, "Prediction is very difficult, especially about the future."

PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS. Indices are not available for direct investment; therefore their performance does not reflect the expenses associated with the management of an actual portfolio. The index returns above assume reinvestment of all distributions. This information is for educational purposes only and should not be considered investment advice or an offer of any security for sale.

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# Q2

Quarterly Market Review  
Second Quarter 2019



RESOURCE CONSULTING GROUP  
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# Quarterly Market Review

Second Quarter 2019

This report features world capital market performance and a timeline of events for the past quarter. It begins with a global overview, then features the returns of stock and bond asset classes in the US and international markets.

The report also illustrates the impact of globally diversified portfolios and features a quarterly topic.

## Overview:

Market Summary

World Stock Market Performance

World Asset Classes

US Stocks

International Developed Stocks

Emerging Markets Stocks

Select Country Performance

Select Currency Performance vs. US Dollar

Real Estate Investment Trusts (REITs)

Commodities

Fixed Income







Global Fixed Income

Impact of Diversification



# Quarterly Market Summary

## Index Returns

	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate		US Bond Market	Global Bond Market ex US
<b>Q2 2019</b>	<b>STOCKS</b>					<b>BONDS</b>	
	<b>4.10%</b> 	<b>3.79%</b> 	<b>0.61%</b> 	<b>1.29%</b> 		<b>3.08%</b> 	<b>2.75%</b> 
<b>Since Jan. 2001</b>							
Avg. Quarterly Return	2.0%	1.5%	2.9%	2.6%		1.2%	1.1%
Best Quarter	16.8%	25.9%	34.7%	32.3%		4.6%	4.6%
	<b>2009 Q2</b>	<b>2009 Q2</b>	<b>2009 Q2</b>	<b>2009 Q3</b>		<b>2001 Q3</b>	<b>2008 Q4</b>
Worst Quarter	-22.8%	-21.2%	-27.6%	-36.1%		-3.0%	-2.7%
	<b>2008 Q4</b>	<b>2008 Q4</b>	<b>2008 Q4</b>	<b>2008 Q4</b>		<b>2016 Q4</b>	<b>2015 Q2</b>

Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Market segment (index representation) as follows: US Stock Market (Russell 3000 Index), International Developed Stocks (MSCI World ex USA Index [net div.]), Emerging Markets (MSCI Emerging Markets Index [net div.]), Global Real Estate (S&P Global REIT Index [net div.]), US Bond Market (Bloomberg Barclays US Aggregate Bond Index), and Global Bond Market ex US (Bloomberg Barclays Global Aggregate ex-USD Bond Index [hedged to USD]). S&P data © 2019 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes. MSCI data © MSCI 2019, all rights reserved. Bloomberg Barclays data provided by Bloomberg.



# Long-Term Market Summary

## Index Returns

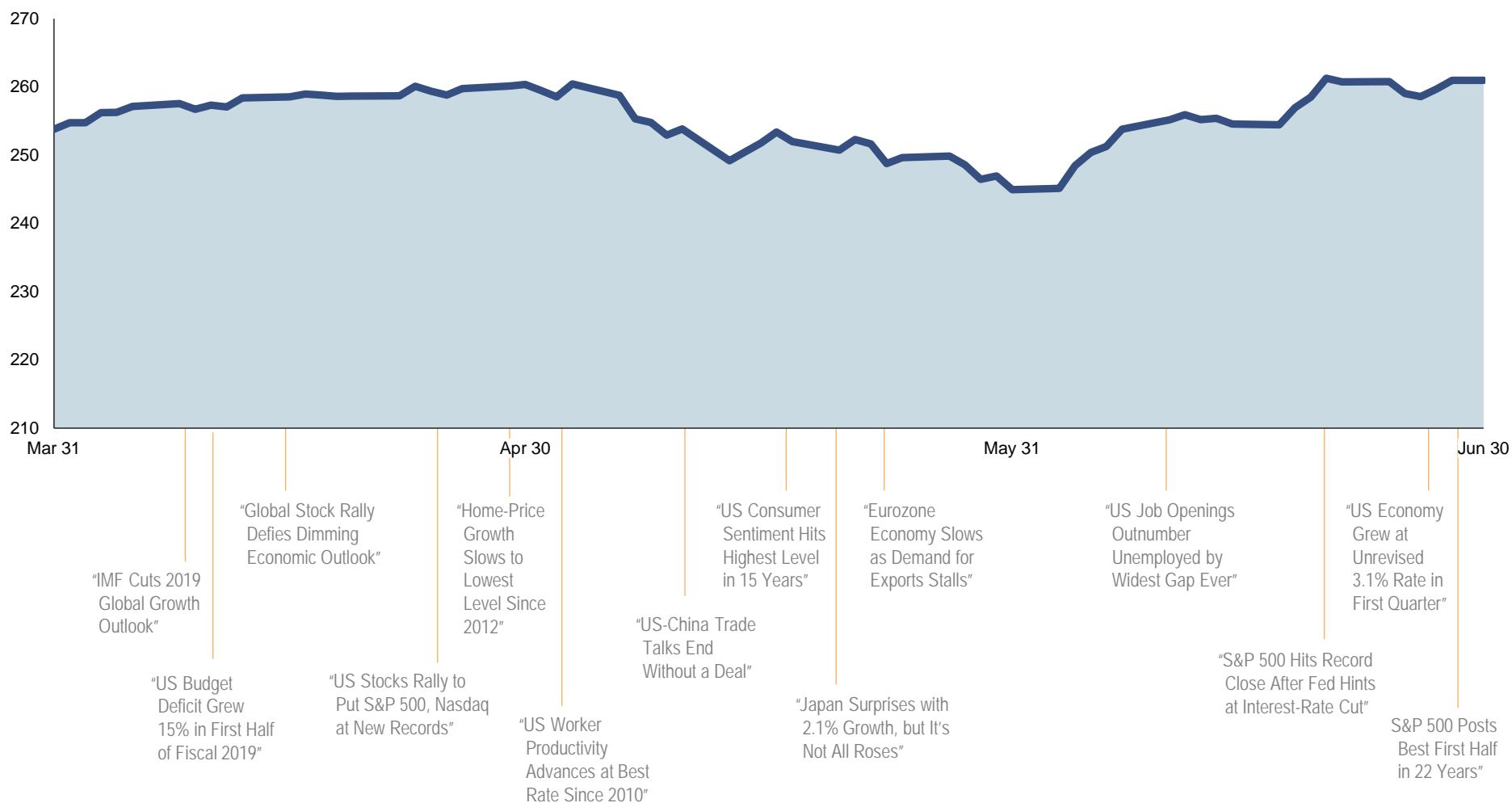
	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate		US Bond Market	Global Bond Market ex US
<b>1 Year</b>	<b>STOCKS</b>					<b>BONDS</b>	
	8.98%	1.29%	1.21%	8.81%		7.87%	7.61%
<b>5 Years</b>							
	10.19%	2.04%	2.49%	5.29%		2.95%	4.43%
<b>10 Years</b>							
	14.67%	6.75%	5.81%	12.19%		3.90%	4.44%

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# World Stock Market Performance

MSCI All Country World Index with selected headlines from Q2 2019



*These headlines are not offered to explain market returns. Instead, they serve as a reminder that investors should view daily events from a long-term perspective and avoid making investment decisions based solely on the news.*

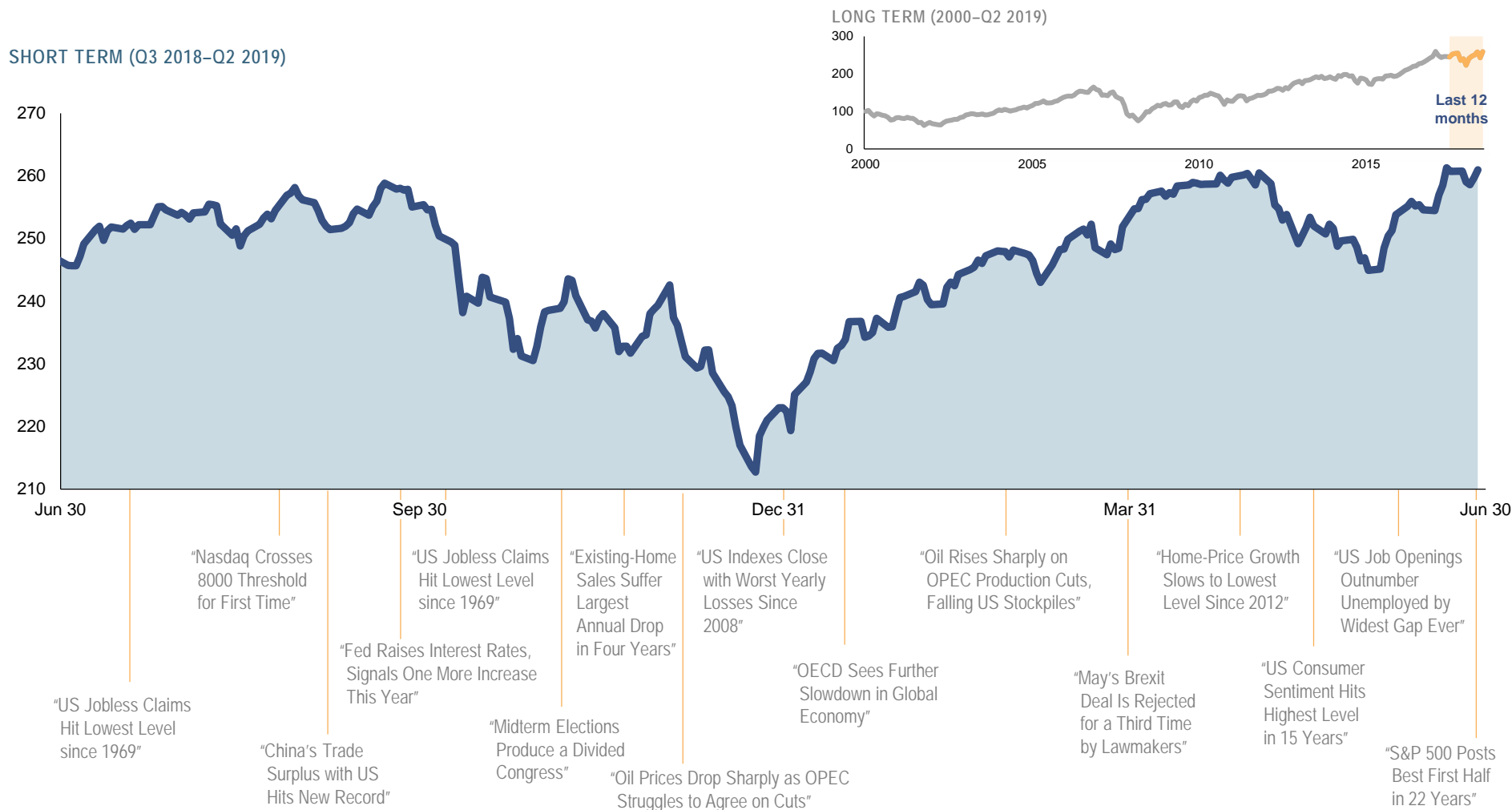
Graph Source: MSCI ACWI Index [net div.]. MSCI data © MSCI 2019, all rights reserved.

It is not possible to invest directly in an index. Performance does not reflect the expenses associated with management of an actual portfolio. Past performance is not a guarantee of future results.



# World Stock Market Performance

## MSCI All Country World Index with selected headlines from past 12 months



**These headlines are not offered to explain market returns. Instead, they serve as a reminder that investors should view daily events from a long-term perspective and avoid making investment decisions based solely on the news.**

Graph Source: MSCI ACWI Index [net div.]. MSCI data © MSCI 2019, all rights reserved.

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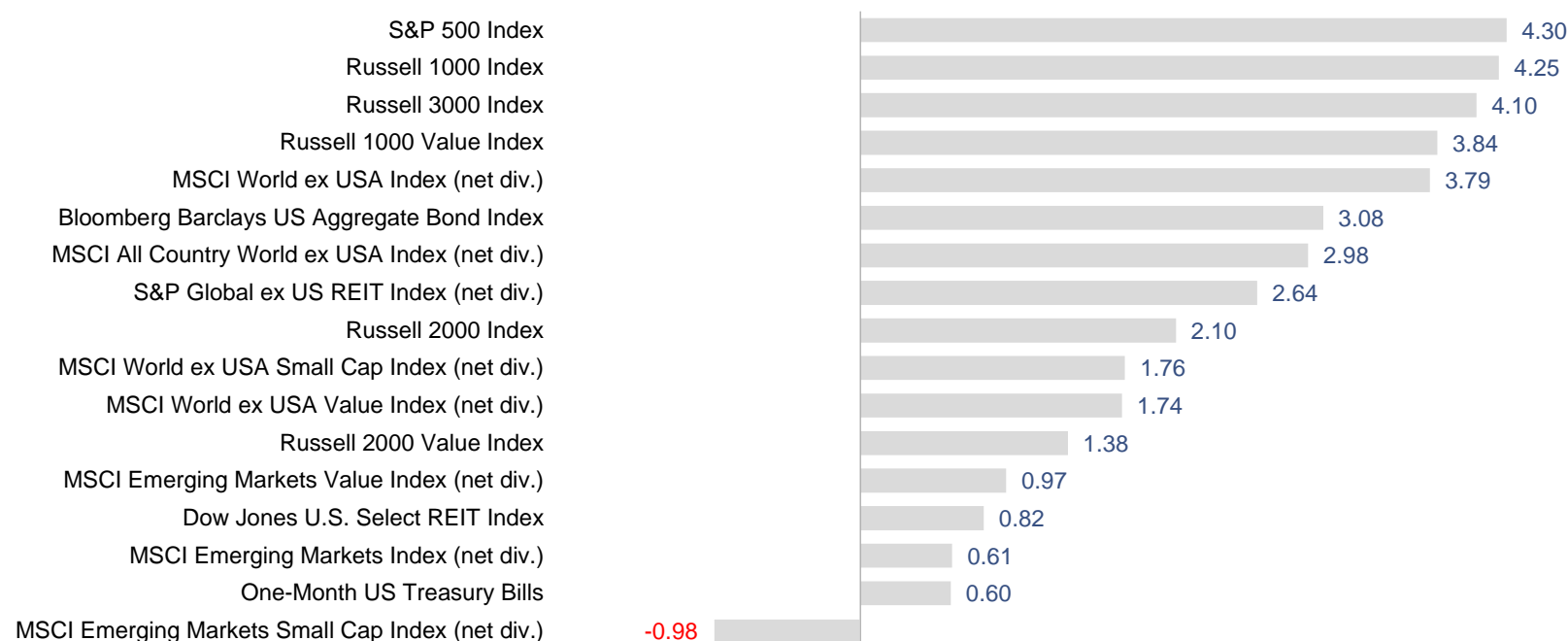
# World Asset Classes

## Second Quarter 2019 Index Returns (%)

Equity markets around the globe posted positive returns for the quarter. Looking at broad market indices, US equities outperformed non-US developed and emerging markets during the quarter.

Value stocks outperformed growth stocks in emerging markets but underperformed in developed markets, including the US. Small caps underperformed large caps in all regions.

REIT indices underperformed equity market indices in both the US and non-US developed markets.



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# US Stocks

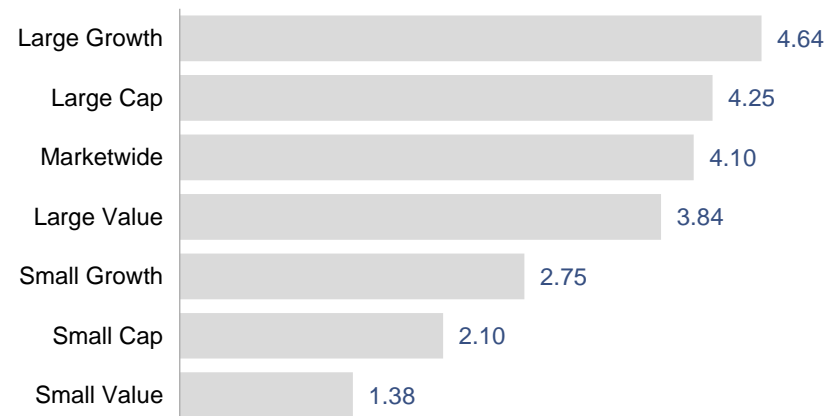
## Second Quarter 2019 Index Returns

US equities outperformed both non-US developed and emerging markets equities.

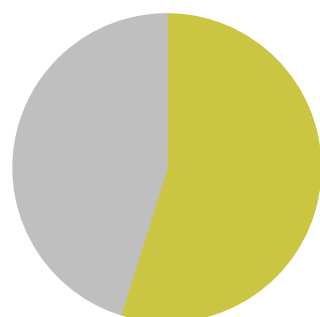
Small caps underperformed large caps in the US.

Value underperformed growth in the US across large and small cap stocks.

### Ranked Returns for the Quarter (%)



### World Market Capitalization—US



**55%**

US Market  
\$29.3 trillion

### Period Returns (%)

Asset Class	* Annualized				
	YTD	1 Year	3 Years*	5 Years*	10 Years*
Large Growth	21.49	11.56	18.07	13.39	16.28
Small Growth	20.36	-0.49	14.69	8.63	14.41
Large Cap	18.84	10.02	14.15	10.45	14.77
Marketwide	18.71	8.98	14.02	10.19	14.67
Small Cap	16.98	-3.31	12.30	7.06	13.45
Large Value	16.24	8.46	10.19	7.46	13.19
Small Value	13.47	-6.24	9.81	5.39	12.40

Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Market segment (index representation) as follows: Marketwide (Russell 3000 Index), Large Cap (Russell 1000 Index), Large Cap Value (Russell 1000 Value Index), Large Cap Growth (Russell 1000 Growth Index), Small Cap (Russell 2000 Index), Small Cap Value (Russell 2000 Value Index), and Small Cap Growth (Russell 2000 Growth Index). World Market Cap represented by Russell 3000 Index, MSCI World ex USA IMI Index, and MSCI Emerging Markets IMI Index. Russell 3000 Index is used as the proxy for the US market. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes. MSCI data © MSCI 2019, all rights reserved.



# International Developed Stocks

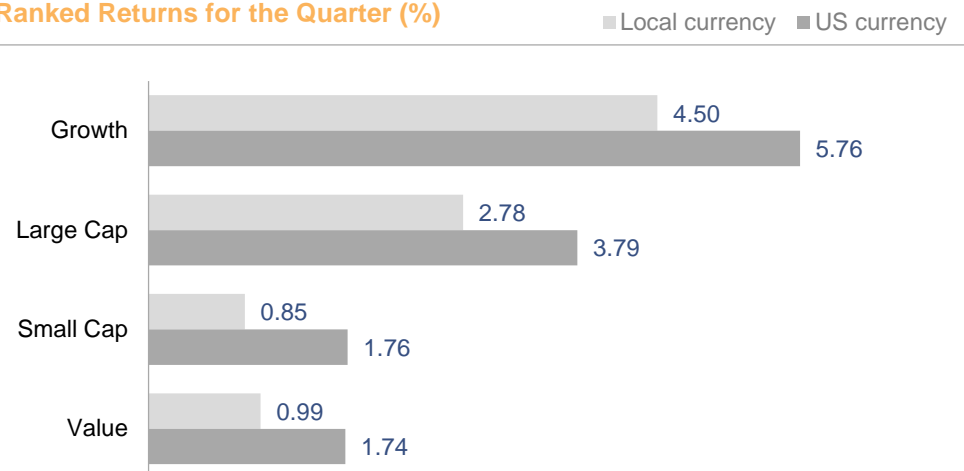
## Second Quarter 2019 Index Returns

In US dollar terms, developed markets stocks outside the US outperformed emerging markets equities but underperformed the US equity market during the quarter.

Small caps underperformed large caps in non-US developed markets.

Value underperformed growth across large and small cap stocks.

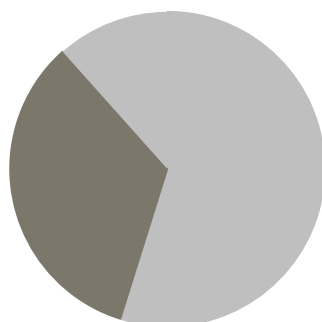
### Ranked Returns for the Quarter (%)



### World Market Capitalization—International Developed

34%

International Developed Market  
\$17.9 trillion



### Period Returns (%)

Asset Class	YTD	1 Year	3 Years*	* Annualized	
				5 Years*	10 Years*
Growth	18.89	4.36	9.42	4.02	7.81
Large Cap	14.64	1.29	9.01	2.04	6.75
Small Cap	12.88	-6.17	8.38	3.39	9.19
Value	10.38	-1.80	8.54	0.01	5.62

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# Emerging Markets Stocks

## Second Quarter 2019 Index Returns

In US dollar terms, emerging markets underperformed developed markets, including the US.

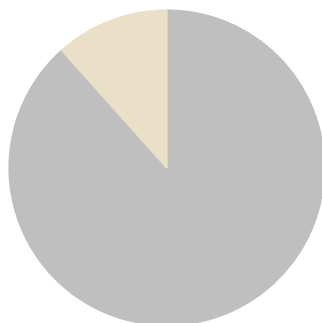
Value stocks generally outperformed growth stocks.

Small caps underperformed large caps.

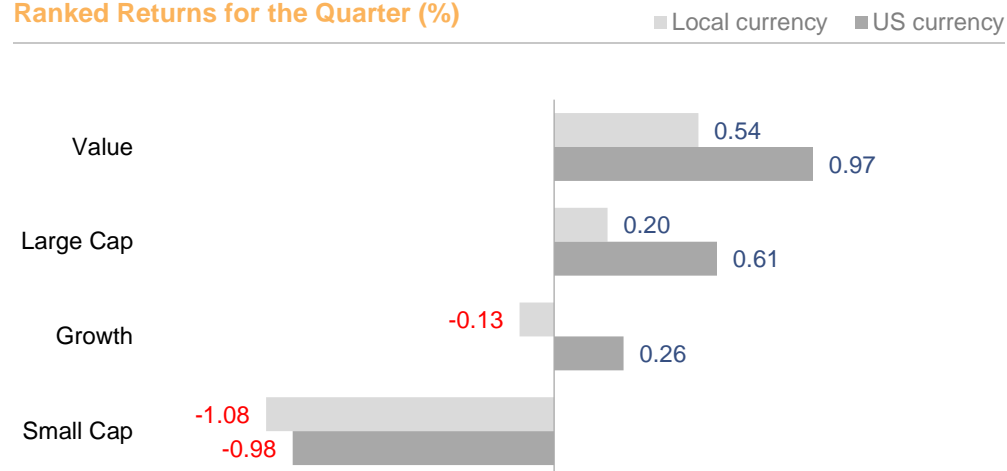
### World Market Capitalization—Emerging Markets

12%

Emerging Markets  
\$6.2 trillion



### Ranked Returns for the Quarter (%)



### Period Returns (%)

Asset Class	YTD	1 Year	* Annualized		
			3 Years*	5 Years*	10 Years*
Growth	12.33	-2.44	11.22	3.85	6.94
Large Cap	10.58	1.21	10.66	2.49	5.81
Value	8.87	5.04	10.02	1.03	4.60
Small Cap	6.70	-5.12	5.46	0.53	5.86

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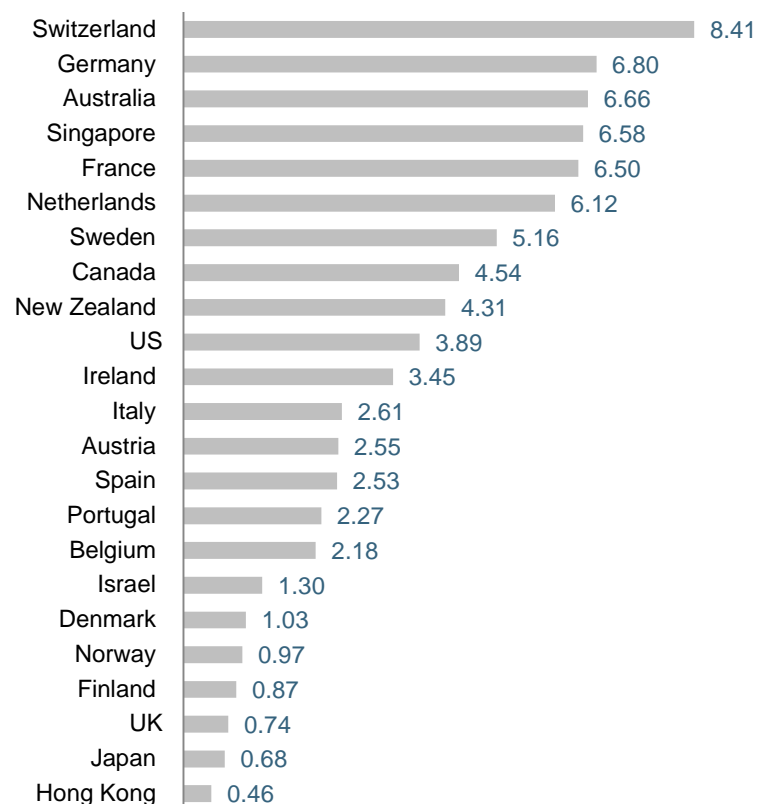


# Select Country Performance

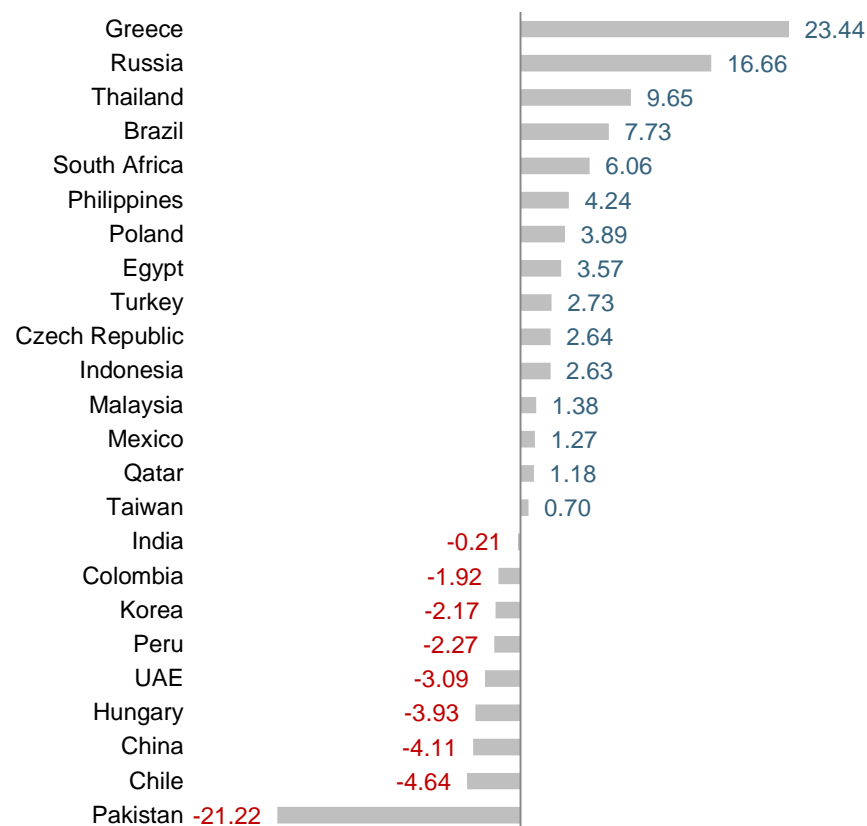
## Second Quarter 2019 Index Returns

In US dollar terms, Switzerland and Germany recorded the highest country performance in developed markets, while Hong Kong and Japan posted the lowest returns for the quarter. There was a wide dispersion in returns across emerging markets. Greece recorded the highest country performance with a gain of 23%, while Pakistan posted the lowest performance, declining 21%.

### Ranked Developed Markets Returns (%)



### Ranked Emerging Markets Returns (%)



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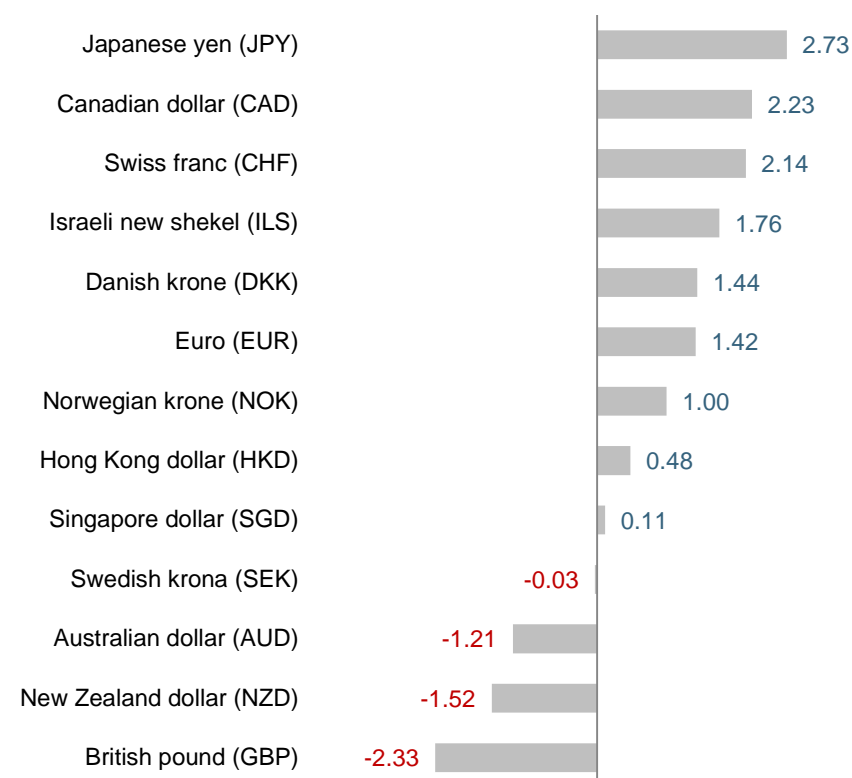


# Select Currency Performance vs. US Dollar

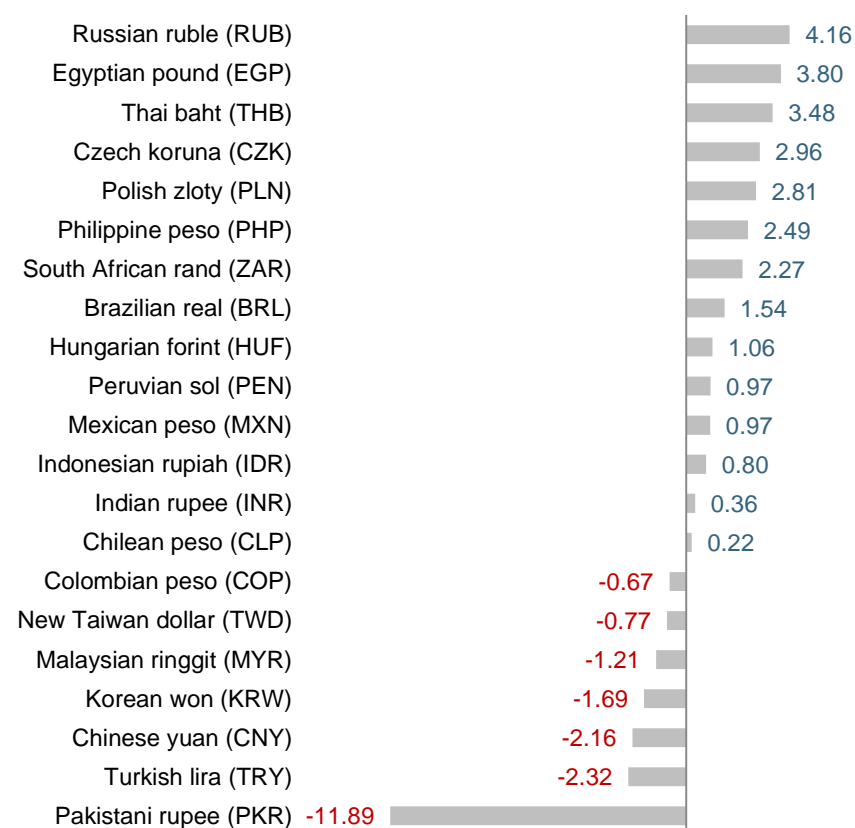
Second Quarter 2019

In both developed and emerging markets, currencies were mixed against the US dollar.

## Ranked Developed Markets (%)



## Ranked Emerging Markets (%)



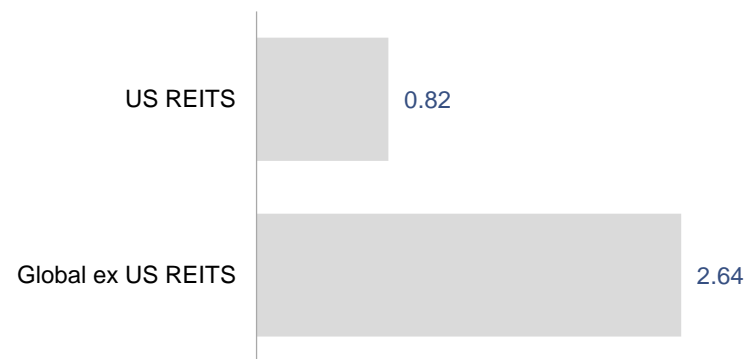


# Real Estate Investment Trusts (REITs)

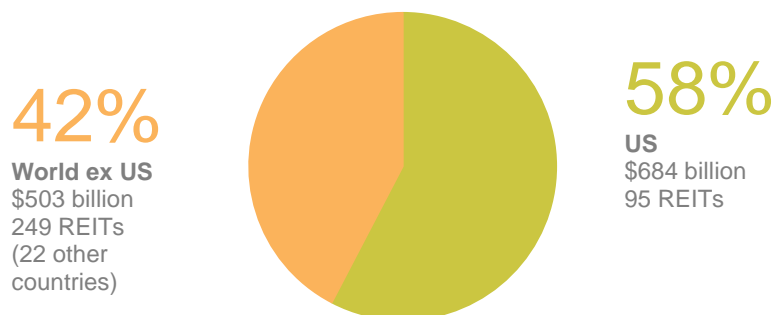
## Second Quarter 2019 Index Returns

Non-US real estate investment trusts outperformed US REITs in US dollar terms.

### Ranked Returns for the Quarter (%)



### Total Value of REIT Stocks



### Period Returns (%)

Asset Class	* Annualized				
	YTD	1 Year	3 Years*	5 Years*	10 Years*
US REITS	16.67	9.75	3.73	7.61	15.40
Global ex US REITS	14.68	7.78	4.79	3.62	9.84

Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Number of REIT stocks and total value based on the two indices. All index returns are net of withholding tax on dividends. Total value of REIT stocks represented by Dow Jones US Select REIT Index and the S&P Global ex US REIT Index. Dow Jones US Select REIT Index used as proxy for the US market, and S&P Global ex US REIT Index used as proxy for the World ex US market. Dow Jones and S&P data © 2019 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved.



# Commodities

## Second Quarter 2019 Index Returns

The Bloomberg Commodity Index Total Return declined 1.19% in the second quarter of 2019.

Corn and wheat led performance, returning 14.24% and 13.36%, respectively.

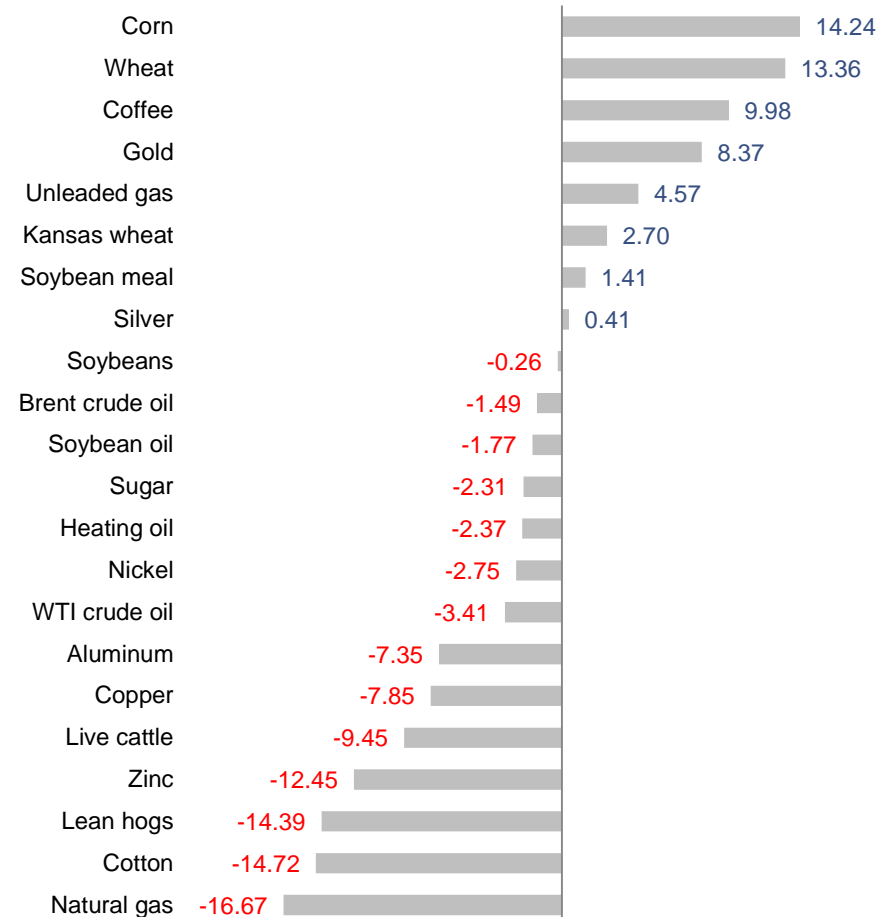
Natural gas and cotton were the worst performers, declining by 16.67% and 14.72%, respectively.

### Period Returns (%)

\* Annualized

Asset Class	QTR	YTD	1 Year	3 Years*	5 Years*	10 Years*
Commodities	-1.19	5.06	-6.75	-2.18	-9.15	-3.74

### Ranked Returns for Individual Commodities (%)





# Fixed Income

## Second Quarter 2019 Index Returns

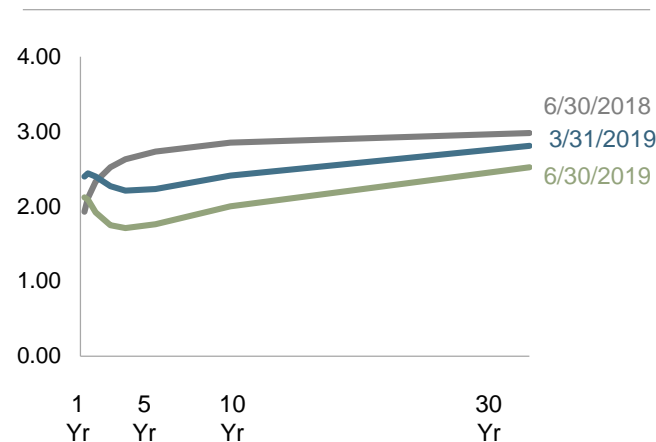
Interest rates decreased in the US Treasury fixed income market during the second quarter. The yield on the 5-year Treasury note declined by 47 basis points (bps), ending at 1.76%. The yield on the 10-year Treasury note fell by 41 bps to 2.00%. The 30-year Treasury bond yield decreased by 29 bps to finish at 2.52%.

On the short end of the curve, the 1-month Treasury bill yield decreased to 2.18%, while the 1-year T-bill yield decreased by 48 bps to 1.92%. The 2-year T-note yield finished at 1.75%, decreasing 52 bps.

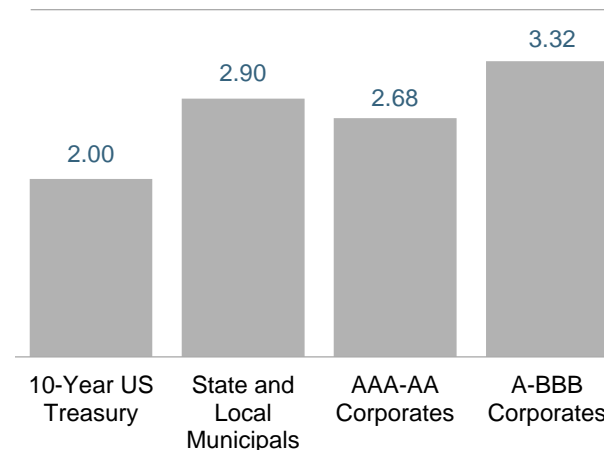
In terms of total returns, short-term corporate bonds increased by 2.09%. Intermediate-term corporate bonds had a total return of 3.13%.

The total return for short-term municipal bonds was 1.12%, while intermediate munis returned 1.98%. Revenue bonds outperformed general obligation bonds.

US Treasury Yield Curve (%)



Bond Yield across Issuers (%)



Period Returns (%)

Asset Class	*Annualized					
	QTR	YTD	1 Year	3 Years*	5 Years*	10 Years*
Bloomberg Barclays US Government Bond Index Long	6.00	10.92	12.28	1.42	5.68	6.54
Bloomberg Barclays US Aggregate Bond Index	3.08	6.11	7.87	2.31	2.95	3.90
Bloomberg Barclays US TIPS Index	2.86	6.15	4.84	2.08	1.76	3.64
Bloomberg Barclays US High Yield Corporate Bond Index	2.50	9.94	7.48	7.52	4.70	9.24
Bloomberg Barclays Municipal Bond Index	2.14	5.09	6.71	2.55	3.64	4.72
FTSE World Government Bond Index 1-5 Years	1.92	2.27	2.57	0.67	-0.76	0.53
FTSE World Government Bond Index 1-5 Years (hedged to USD)	1.51	2.69	4.44	1.85	1.84	1.86
ICE BofAML 1-Year US Treasury Note Index	0.94	1.76	2.98	1.43	1.02	0.76
ICE BofAML US 3-Month Treasury Bill Index	0.64	1.24	2.31	1.38	0.87	0.49

One basis point equals 0.01%. Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Yield curve data from Federal Reserve. State and local bonds are from the S&P National AMT-Free Municipal Bond Index. AAA-AA Corporates represent the Bank of America Merrill Lynch US Corporates, AA-AAA rated. A-BBB Corporates represent the ICE BofAML Corporates, BBB-A rated. Bloomberg Barclays data provided by Bloomberg. US long-term bonds, bills, inflation, and fixed income factor data © Stocks, Bonds, Bills, and Inflation (SBBBI) Yearbook™, Ibbotson Associates, Chicago (annually updated work by Roger G. Ibbotson and Rex A. Sinquefeld). FTSE fixed income indices © 2019 FTSE Fixed Income LLC, all rights reserved. ICE BofAML index data © 2019 ICE Data Indices, LLC. S&P data © 2019 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved.





# Global Fixed Income

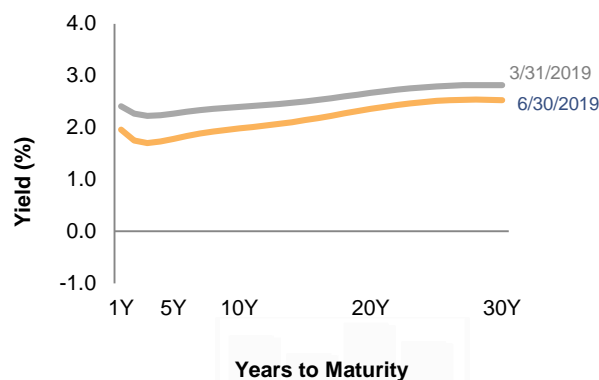
## Second Quarter 2019 Yield Curves

Interest rates in the global developed markets generally decreased during the quarter.

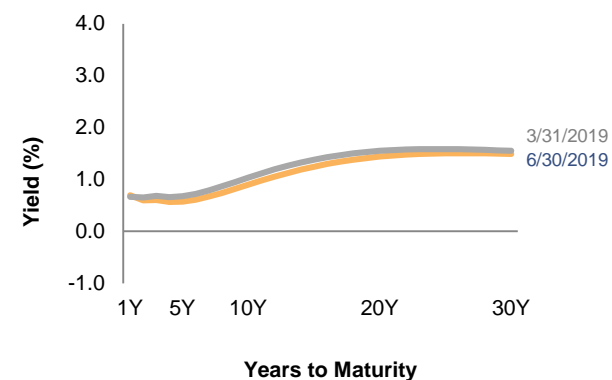
Longer-term bonds generally outperformed shorter-term bonds in global developed markets.

Short- and intermediate-term nominal interest rates were negative in Germany and Japan.

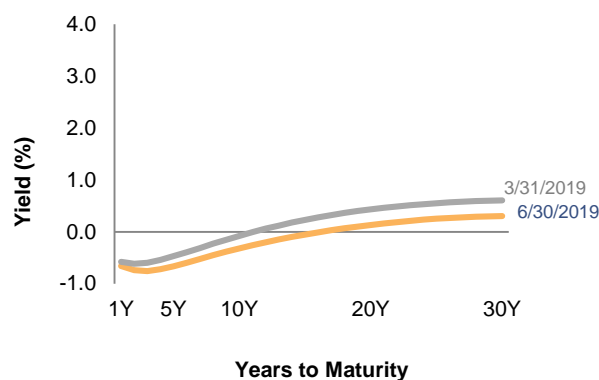
### US



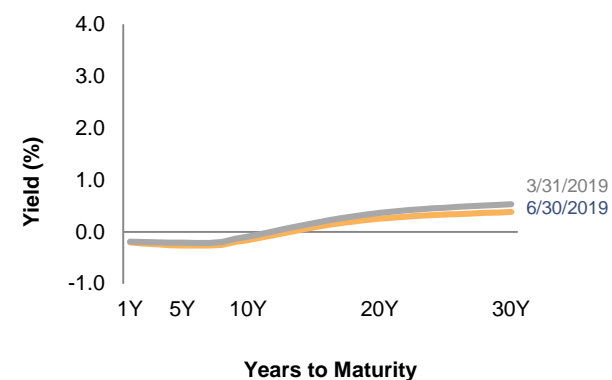
### UK



### Germany



### Japan



Changes in Yields (bps) since 3/30/2019

	1Y	5Y	10Y	20Y	30Y
US	-45.3	-48.8	-41.4	-30.9	-29.0
UK	2.8	-10.5	-13.6	-11.0	-6.0
Germany	-8.5	-19.3	-24.0	-30.1	-29.9
Japan	-0.9	-5.8	-6.7	-11.0	-15.0



# Impact of Diversification

## Second Quarter 2019 Index Returns

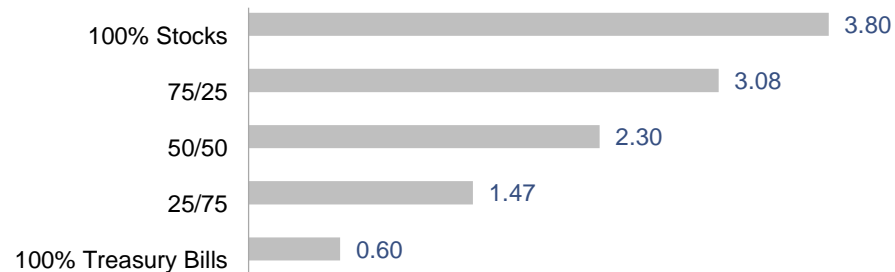
These portfolios illustrate the performance of different global stock/bond mixes and highlight the benefits of diversification. Mixes with larger allocations to stocks are considered riskier but have higher expected returns over time.

### Period Returns (%)

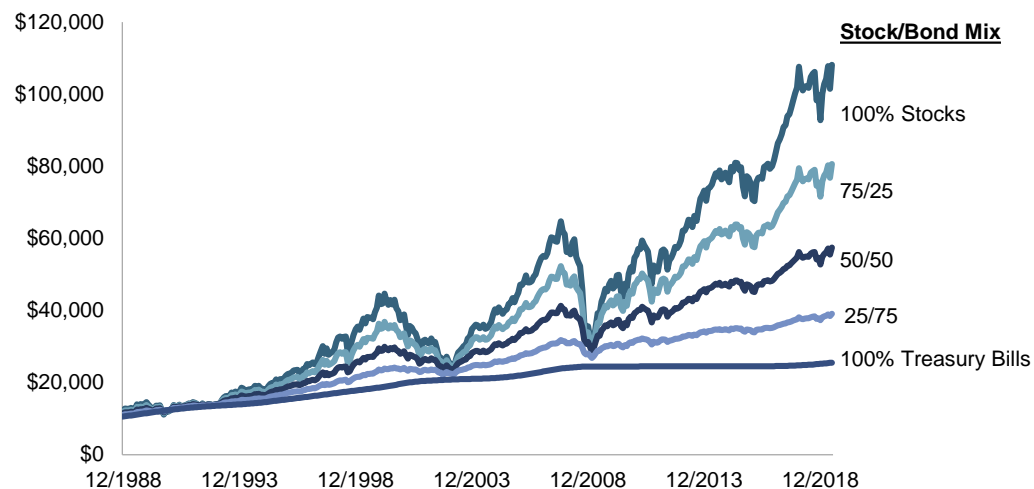
\* Annualized

Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*	10-Year STDEV <sup>1</sup>
100% Stocks	16.60	6.32	12.22	6.74	10.73	13.48
75/25	12.69	5.56	9.53	5.36	8.25	10.11
50/50	8.82	4.62	6.80	3.91	5.70	6.74
25/75	4.98	3.51	4.06	2.39	3.09	3.37
100% Treasury Bills	1.18	2.23	1.30	0.80	0.43	0.21

### Ranked Returns for the Quarter (%)



### Growth of Wealth: The Relationship between Risk and Return



1. STDEV (standard deviation) is a measure of the variation or dispersion of a set of data points. Standard deviations are often used to quantify the historical return volatility of a security or portfolio. Diversification does not eliminate the risk of market loss. Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect expenses associated with the management of an actual portfolio. Asset allocations and the hypothetical index portfolio returns are for illustrative purposes only and do not represent actual performance. Global Stocks represented by MSCI All Country World Index (gross div.) and Treasury Bills represented by US One-Month Treasury Bills. Globally diversified allocations rebalanced monthly, no withdrawals. Data © MSCI 2019, all rights reserved. Treasury bills © Stocks, Bonds, Bills, and Inflation Yearbook™, Ibbotson Associates, Chicago (annually updated work by Roger G. Ibbotson and Rex A. Sinquefeld).