

# Q3

## Quarterly Market Review

Third Quarter 2020

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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 Commentary

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US Stocks

International Developed Stocks

Emerging Markets Stocks

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# Quarterly Market Commentary

Third Quarter 2020 – October 13, 2020

In third-quarter markets that represented a [second consecutive quarter](#) of remarkable overall gains, what stock outshone all the others in the S&P 1500 Composite Index?

Zoom? Apple? Netflix? Nope, none of these, or any of the other trendy FAANG stocks (Facebook, Amazon, Apple, Netflix, and Google's parent company Alphabet). Not Tesla, either.

It was Tupperware, up a jaw-dropping 345% for the quarter.

"Of course," you might reason. "Everyone's cooking at home this year. That makes sense."

But consider this: [Tupperware's remarkable quarter](#) ramped up most dramatically in late August, after steep, double-digit declines in each of the three previous quarters.

So, feel free to collect more of those sturdy little lid-burping containers, but remember: Trying to load up on the market's next big hit based on recent returns is more likely to detract from than contribute to achieving your personal financial goals.

That's because future returns don't hinge on what has just happened, or even on what is expected to happen next. Rather, as [Dimensional Fund Advisors](#) explains, prices change when the unexpected occurs:

***"For most investments and most investment horizons—a month, a year, five years, even ten years—the realized return is driven far***

***more by the unexpected return than the expected return."***

This applies to surprises like Tupperware, as well as to the supposedly unstoppable FAANG darlings of our day.

In fact, the more popular a big growth-oriented company becomes, the harder it often is for it to keep exceeding everyone's sky-high expectations. To continue outperforming its popular benchmark, it must continue to deliver bigger, better, ever more pleasant surprises. Eventually a fresh competitor steps into the ring, and the cycle begins anew.

***Overall, this is how markets grow, even as the individual players come and go.***

Have you ever noticed how the hotshots in your favorite action-adventure shows rarely need to defend against more than one or two challengers at a time? Even when our champion is way outnumbered, the individual attacks arrive in implausibly orderly fashion. Otherwise, our heroes wouldn't stand a fighting chance.

Pundits often suggest markets are subject to an equally implausible universe, where there's always an orderly set of reasons for why "X" is about to soar, or "Y" is about to fall. In real-life markets, that's just not how it works. Everything happens all at once, all the time:

- *Who is going to be the next U.S. president?*

- *When will a COVID-19 vaccine be available?*
- *How is Brexit really going to roll out?*
- *What are China's next moves?*
- *Are we going to address climate change?*
- *How much longer will the FAANGs keep growing larger than life?*
- ***What other big news is about to hit that we haven't even seen coming?***

In short, investors don't stand a chance at guessing when and from where the market's next helping hand or painful punch is going arrive. This is why we continue to recommend positioning your portfolio to harness the power of markets' broad expected outcomes, rather than their never-ending torrent of erratic incidents.

How are you holding up in this extraordinary year? As always, let us know if you'd like to revisit where you stand or consider your next best financial moves. We can't predict the future but we do know one thing: We're on your side. Let us know how we can help.

Regards,






Eric Hutchens



Senior Investment Consultant &  
Chief Investment Officer

# 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>3Q 2020</b>	<b>STOCKS</b>					<b>BONDS</b>	
	<b>9.21%</b>	<b>4.92%</b>	<b>9.56%</b>	<b>2.37%</b>		<b>0.62%</b>	<b>0.68%</b>
							
<b>Since Jan. 2001</b>							
Avg. Quarterly Return	2.1%	1.4%	2.8%	2.3%		1.2%	1.1%
Best Quarter	22.0% <b>2020 Q2</b>	25.9% <b>2009 Q2</b>	34.7% <b>2009 Q2</b>	32.3% <b>2009 Q3</b>		4.6% <b>2001 Q3</b>	4.6% <b>2008 Q4</b>
Worst Quarter	-22.8% <b>2008 Q4</b>	-23.3% <b>2020 Q1</b>	-27.6% <b>2008 Q4</b>	-36.1% <b>2008 Q4</b>		-3.0% <b>2016 Q4</b>	-2.7% <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 © 2020 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 2020, all rights reserved. Bloomberg Barclays data provided by Bloomberg.

# Long-Term Market Summary

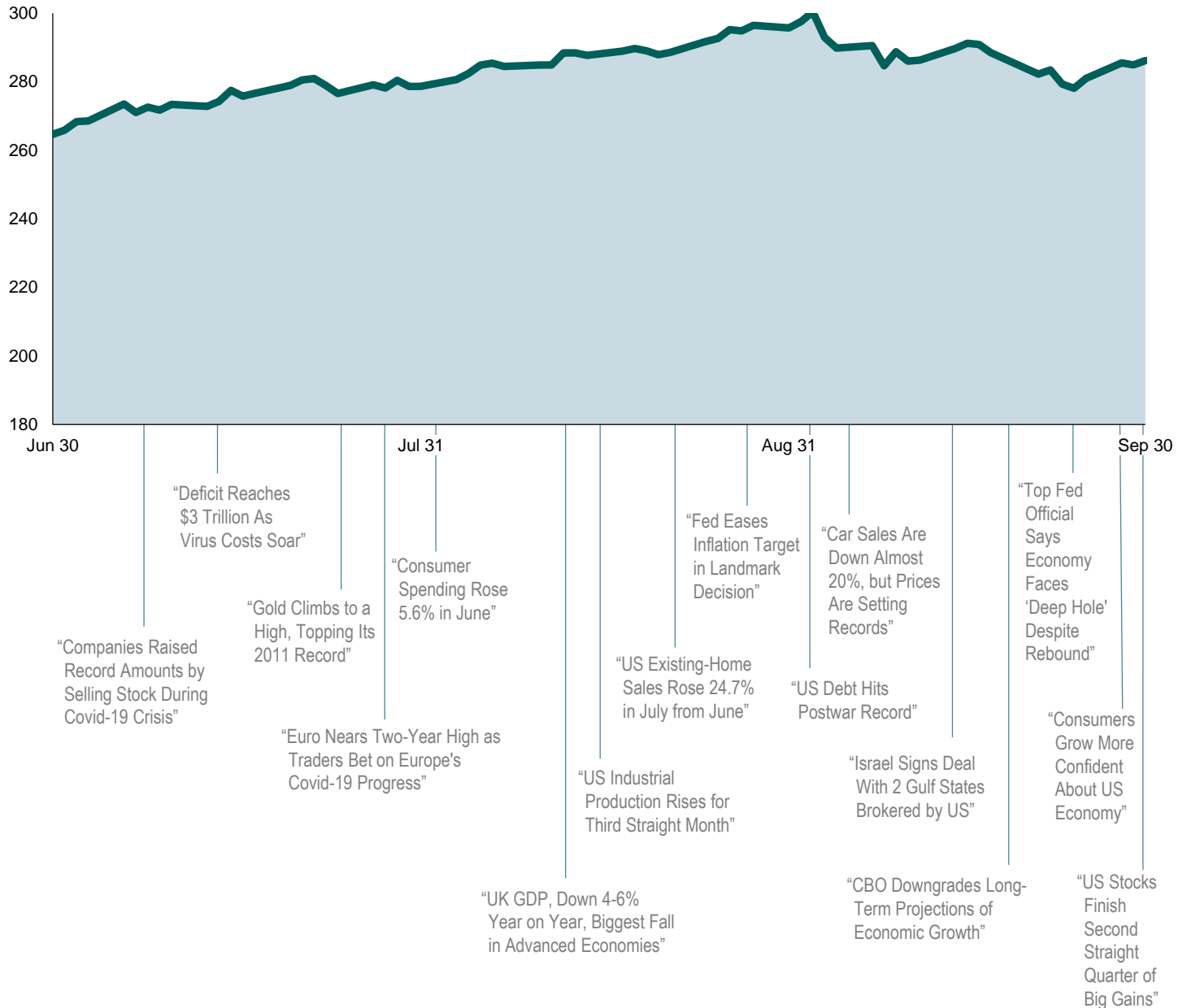
Index Returns as of September 30, 2020

	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate	US Bond Market	Global Bond Market ex US
1 Year	STOCKS				BONDS	
	15.00%	0.16%	10.54%	-18.58%	6.98%	1.82%
						
5 Years						
	13.69%	5.32%	8.97%	2.20%	4.18%	4.33%
						
10 Years						
	13.48%	4.37%	2.50%	5.58%	3.64%	4.06%
						

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# World Stock Market Performance

MSCI All Country World Index with selected headlines from Q3 2020



*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 2020, all rights reserved.

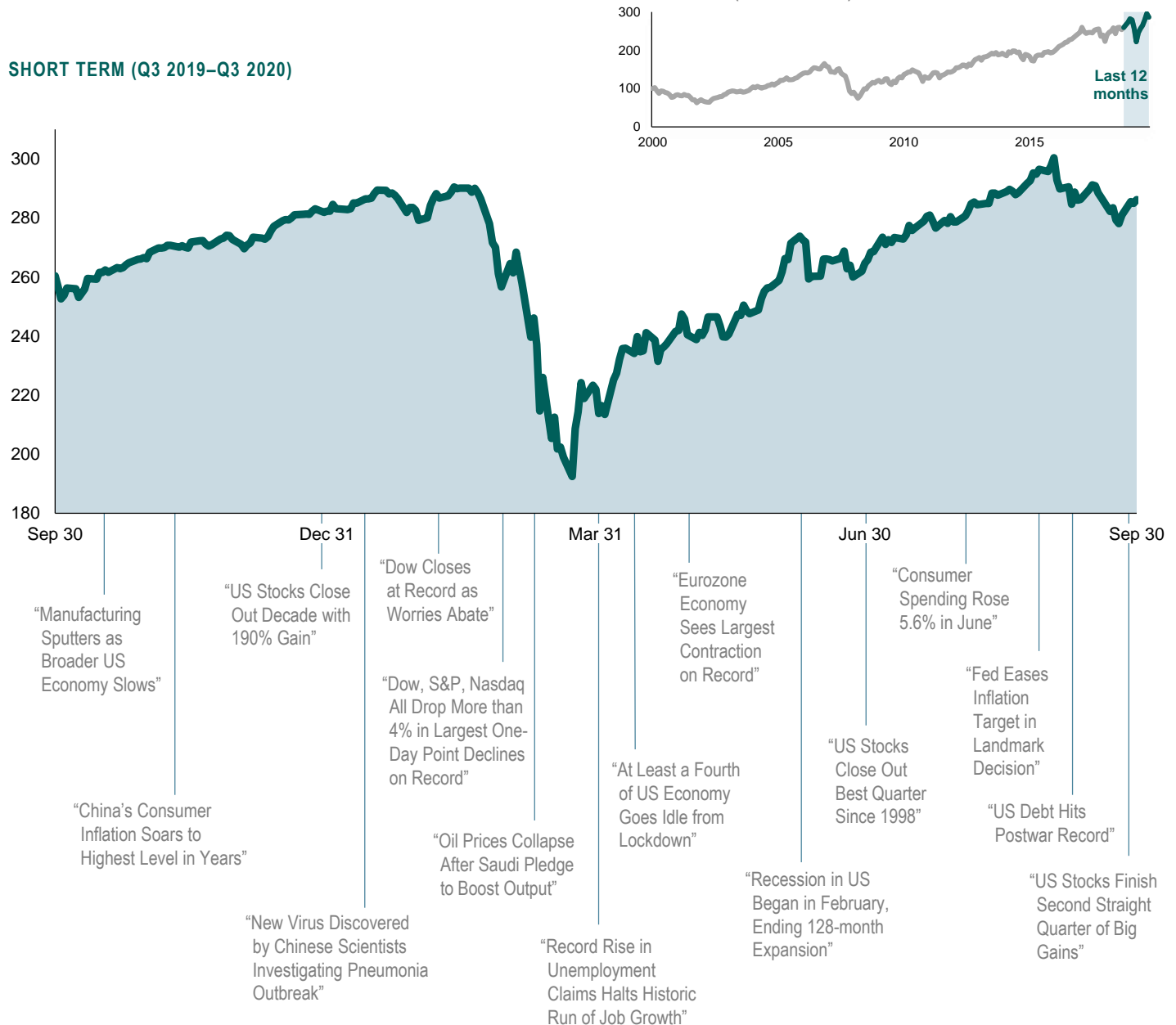
It is not possible to invest directly in an index. Performance does not reflect the expenses associated with management of an actual portfolio. **Past performance is not a guarantee of future results.**

# World Stock Market Performance

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

## SHORT TERM (Q3 2019–Q3 2020)

## LONG TERM (2000–Q3 2020)



*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 2020, all rights reserved.

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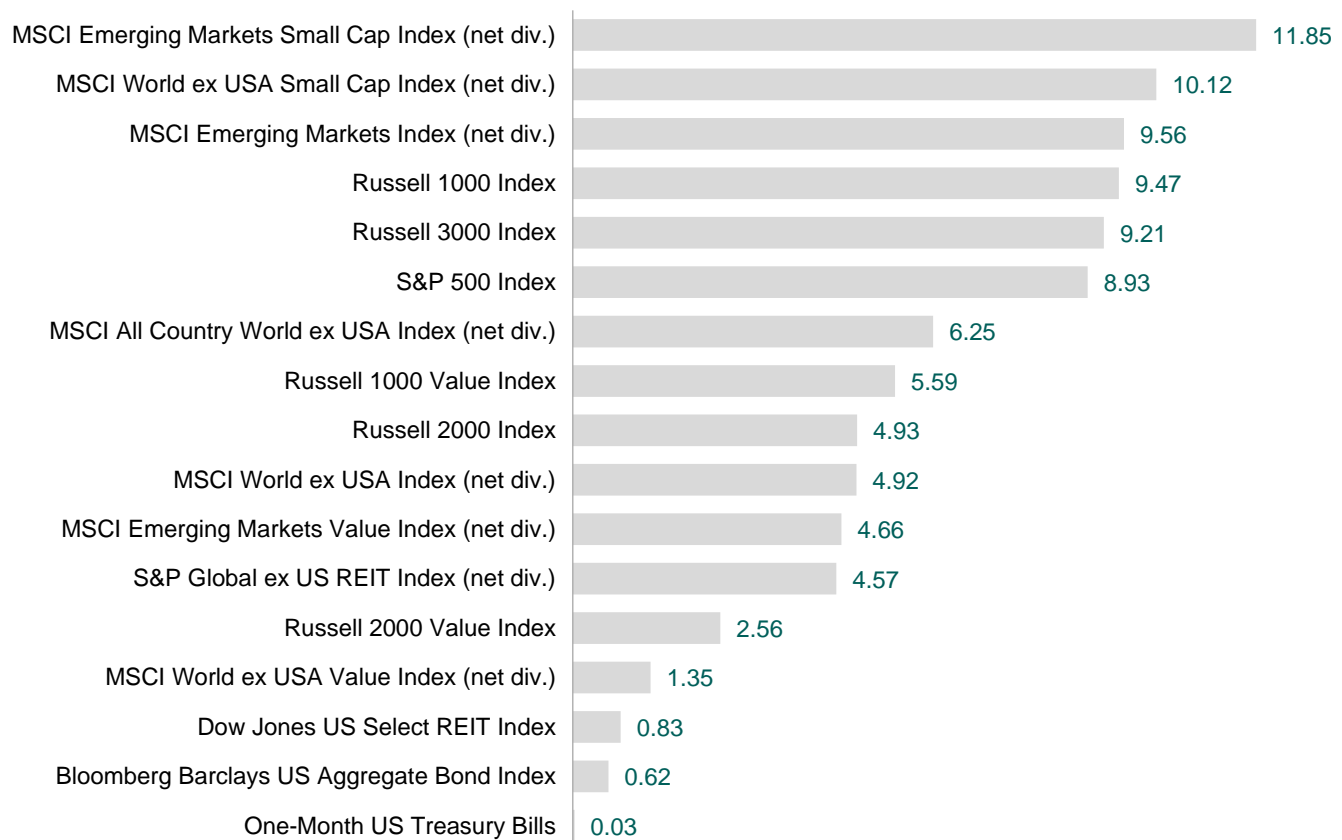
# World Asset Classes

## Third Quarter 2020 Index Returns (%)

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

Value underperformed growth across regions. Small caps outperformed large caps in non-US developed and emerging markets but underperformed in the US.

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



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# US Stocks

## Third Quarter 2020 Index Returns

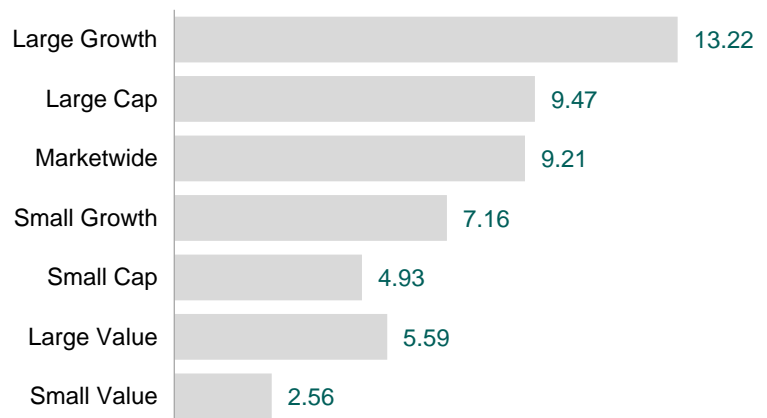
The US equity market posted positive returns for the quarter, outperforming non-US developed markets but underperforming emerging markets.

Value underperformed growth across large and small cap stocks.

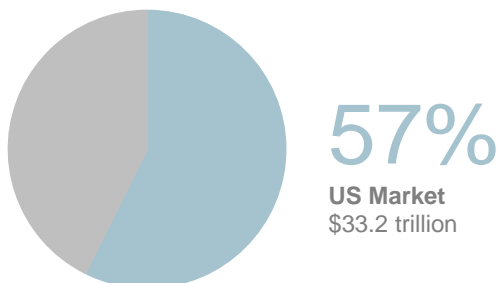
Small caps underperformed large caps.

REIT indices underperformed equity market indices.

### Ranked Returns (%)



### World Market Capitalization—US



### Period Returns (%)

Asset Class	* Annualized				
	YTD	1 Year	3 Years*	5 Years*	10 Years*
Large Growth	24.33	37.53	21.67	20.10	17.25
Large Cap	6.40	16.01	12.38	14.09	13.76
Marketwide	5.41	15.00	11.65	13.69	13.48
Small Growth	3.88	15.71	8.18	11.42	12.34
Small Cap	-8.69	0.39	1.77	8.00	9.85
Large Value	-11.58	-5.03	2.63	7.66	9.95
Small Value	-21.54	-14.88	-5.13	4.11	7.09

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. Dow Jones US Select REIT Index used as proxy for the US REIT market. Frank Russell Company is source and owner of trademarks, service marks, and copyrights related to Russell Indexes. MSCI data © MSCI 2020, all rights reserved.

# International Developed Stocks

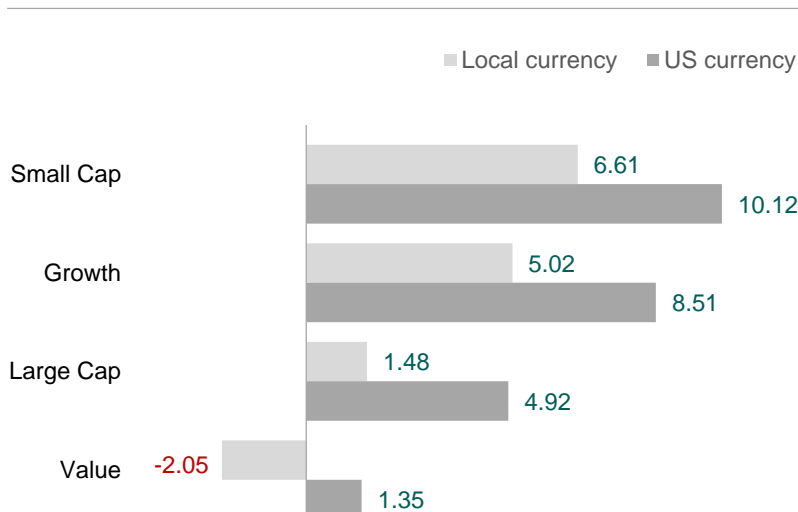
## Third Quarter 2020 Index Returns

Developed markets outside the US posted positive returns for the quarter but underperformed US and emerging markets equities.

Value underperformed growth.

Small caps outperformed large caps.

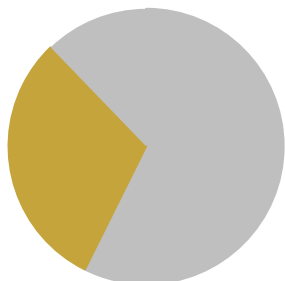
### Ranked Returns (%)



### World Market Capitalization— International Developed

**30%**

International  
Developed Market  
\$17.6 trillion



### Period Returns (%)

\* Annualized

Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*
Growth	5.13	13.64	7.06	9.09	6.61
Small Cap	-4.05	6.88	1.42	7.35	6.55
Large Cap	-7.13	0.16	0.62	5.32	4.37
Value	-18.88	-12.74	-5.88	1.38	1.99

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# Emerging Markets Stocks

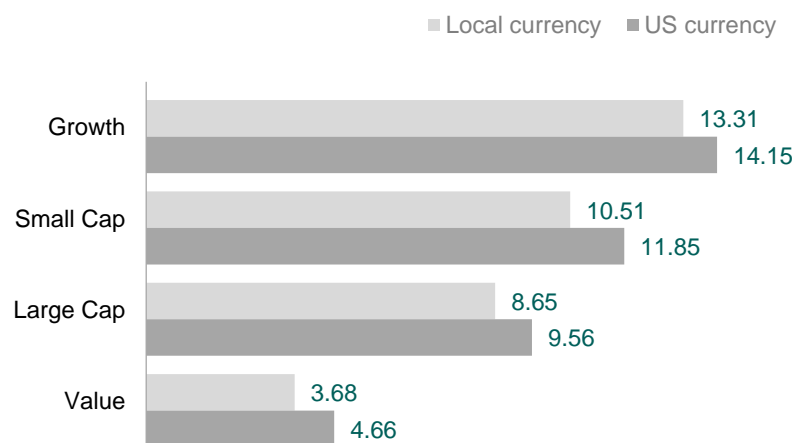
## Third Quarter 2020 Index Returns

Emerging markets posted positive returns for the quarter, outperforming the US and developed ex US equity markets.

Value underperformed growth.

Small caps outperformed large caps.

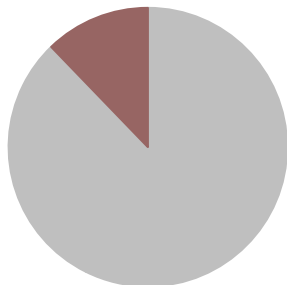
### Ranked Returns (%)



### World Market Capitalization— Emerging Markets

**12%**

Emerging  
Markets  
\$7.1 trillion



### Period Returns (%)

\* Annualized

Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*
Growth	12.41	27.80	7.45	13.26	5.29
Large Cap	-1.16	10.54	2.42	8.97	2.50
Small Cap	-2.40	6.89	-1.09	4.60	1.03
Value	-14.23	-5.70	-2.89	4.45	-0.44

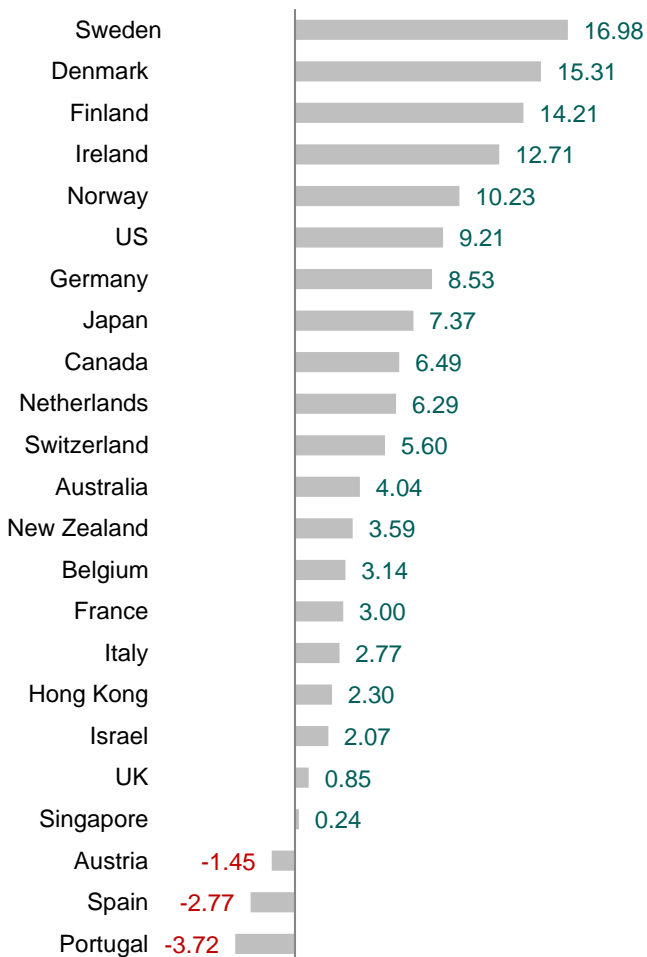
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# Select Market Performance

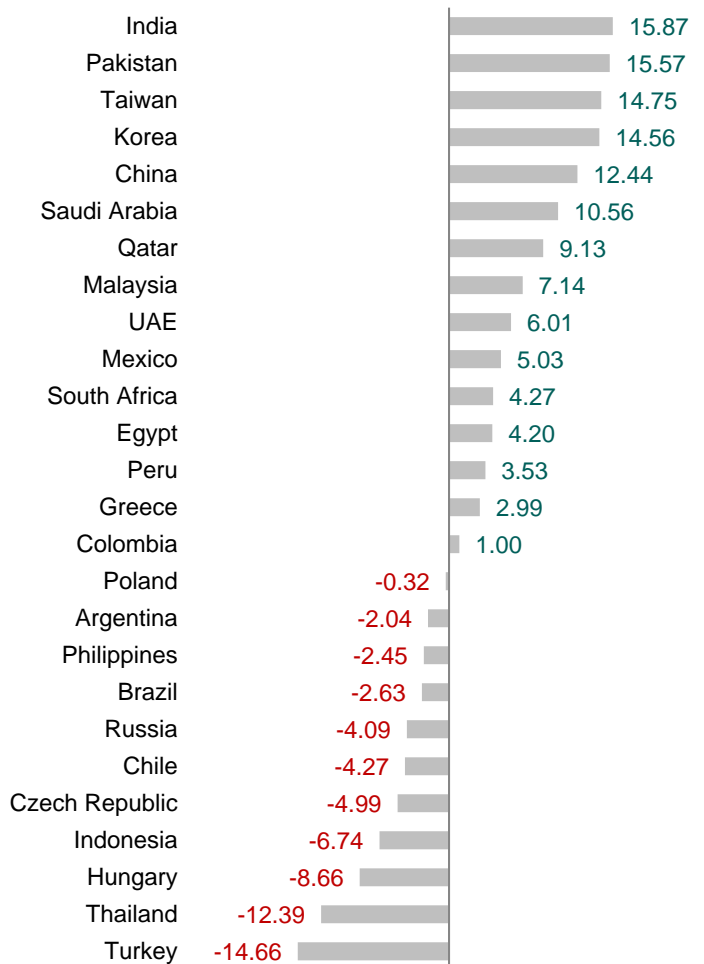
## Third Quarter 2020 Index Returns

In US dollar terms, Sweden and Denmark recorded the highest country performance in developed markets, while Portugal and Spain posted the lowest returns for the quarter. In emerging markets, India and Pakistan recorded the highest country performance, while Turkey and Thailand posted the lowest performance.

### Ranked Developed Markets Returns (%)



### Ranked Emerging Markets Returns (%)



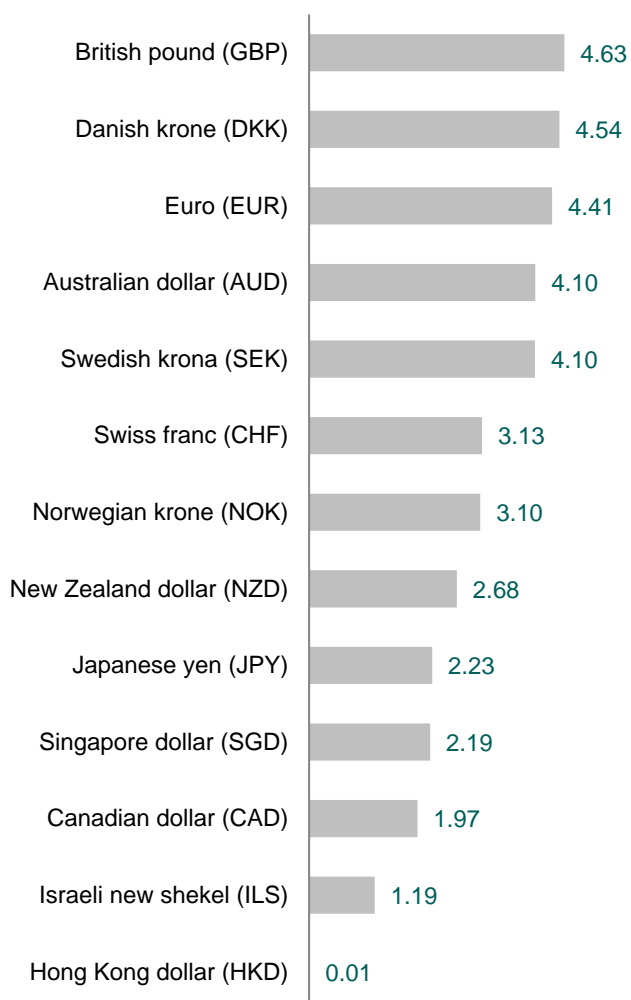
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# Select Currency Performance vs. US Dollar

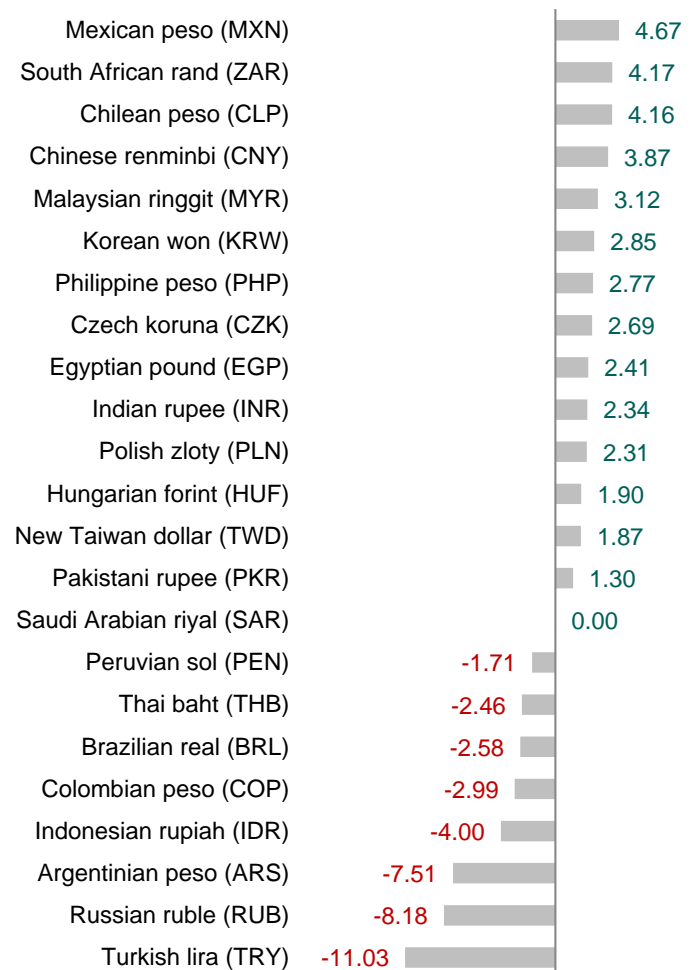
Third Quarter 2020

In developed markets, all currencies appreciated versus the US dollar. In emerging markets, currency performance versus the US dollar was mixed. Most currencies generally appreciated versus the US dollar, but some, notably the Turkish lira and Russian ruble, depreciated.

## Ranked Developed Markets Returns (%)



## Ranked Emerging Markets Returns (%)



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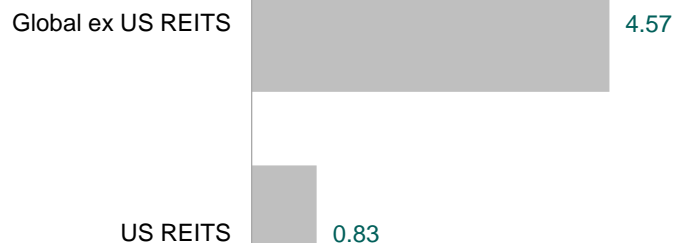
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# Real Estate Investment Trusts (REITs)

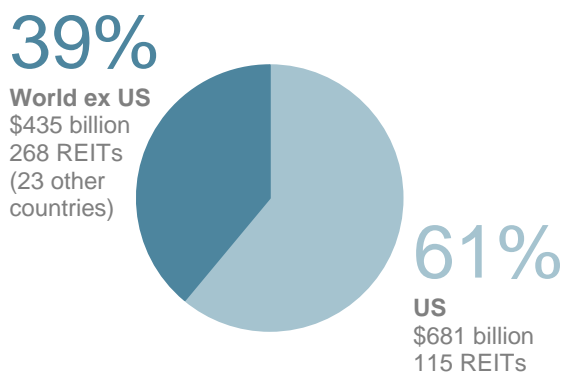
## Third Quarter 2020 Index Returns

US real estate investment trusts underperformed non-US REITs during the quarter.

### Ranked Returns (%)



### Total Value of REIT Stocks



### Period Returns (%)

Asset Class	* Annualized				
	YTD	1 Year	3 Years*	5 Years*	10 Years*
US REITS	-21.36	-22.33	-1.85	1.99	7.03
Global ex US REITS	-21.84	-18.37	-1.62	1.67	4.13

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 © 2020 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved.

# Commodities

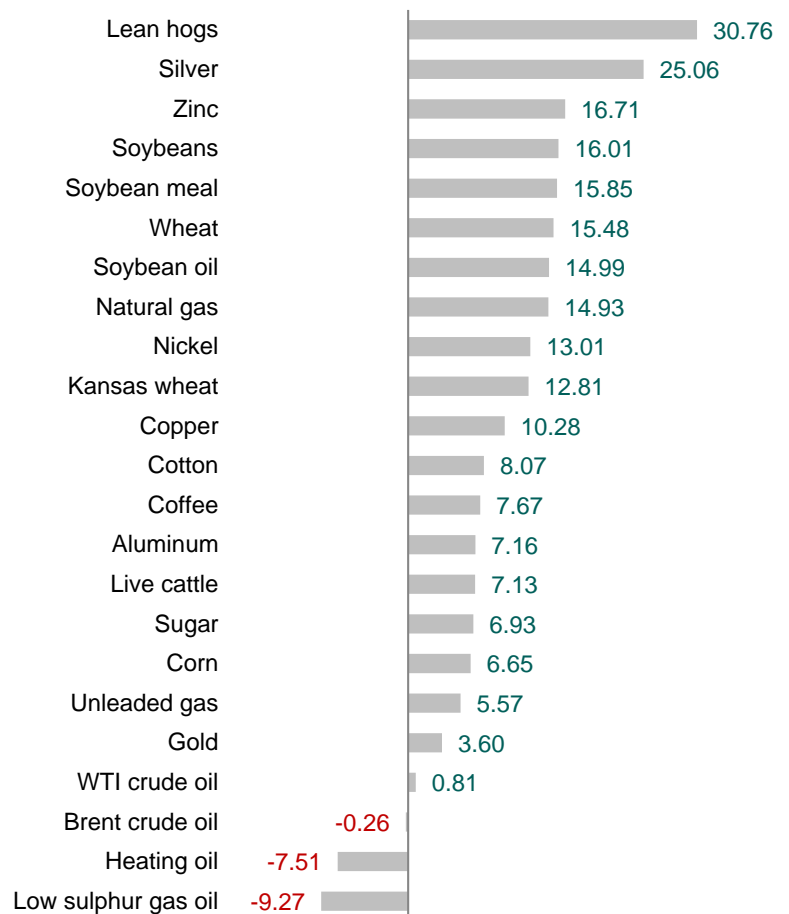
## Third Quarter 2020 Index Returns

The Bloomberg Commodity Index Total Return returned 9.07% for the third quarter of 2020.

Lean hogs and Silver were the best performers, returning 30.76% and 25.06%, respectively.

Low sulfur gas and Heating oil were the worst performers, declining 9.27% and 7.51%, respectively.

### Ranked Returns (%)



### Period Returns (%)

\* Annualized

Asset Class	QTR	YTD	1 Year	3 Years*	5 Years*	10 Years*
Commodities	9.07	-12.08	-8.20	-4.18	-3.09	-6.03

# Fixed Income

## Third Quarter 2020 Index Returns

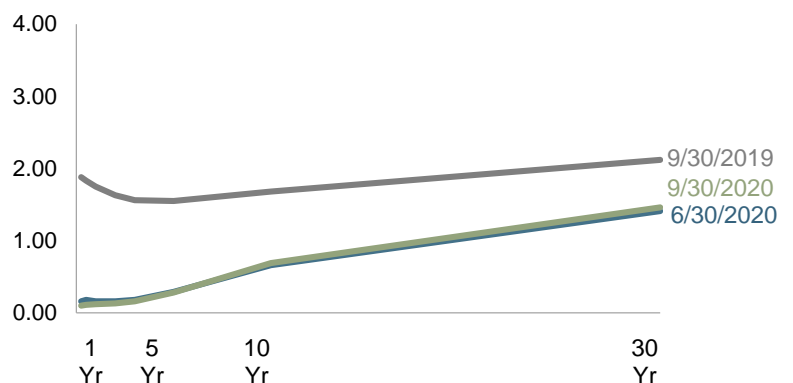
Interest rate changes were mixed in the US Treasury fixed income market during the third quarter. The yield on the 5-year US Treasury note decreased by 3 basis points (bps), ending at 0.31%. The yield on the 10-year US T-note rose by 3 bps to 0.64%. The 30-year US T-bond yield increased by 5 bps to 1.46%.

On the short end of the yield curve, the 1-month US Treasury bill yield decreased to 0.08%, while the 1-year T-bill yield decreased by 5 bps to 0.14%. The 2-year US T-note yield finished at 0.09% after a decrease of 2 basis points.

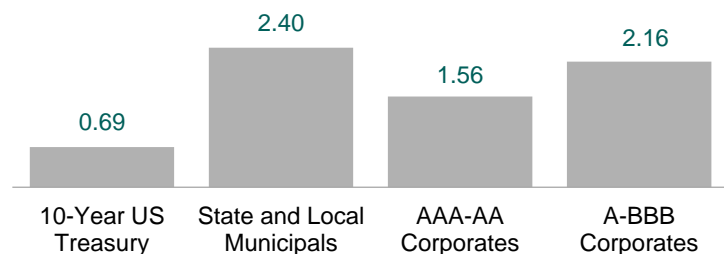
In terms of total returns, short-term corporate bonds returned 0.92% for the quarter. Intermediate-term corporates returned 1.33%.

The total return for short-term municipal bonds was 0.83%, while intermediate munis returned 1.40%. Revenue bonds outperformed general obligation bonds.

### US Treasury Yield Curve (%)



### Bond Yields across Issuers (%)



### Period Returns (%)

Asset Class	QTR	YTD	1 Year	3 Years*	*Annualized	
					5 Years*	10 Years*
Bloomberg Barclays US High Yield Corporate Bond Index	4.60	0.62	3.25	4.21	6.79	6.47
Bloomberg Barclays US TIPS Index	3.03	9.22	10.08	5.79	4.61	3.57
FTSE World Government Bond Index 1-5 Years	2.01	4.16	5.21	2.03	2.01	0.21
Bloomberg Barclays Municipal Bond Index	1.23	3.33	4.09	4.28	3.84	3.99
Bloomberg Barclays US Aggregate Bond Index	0.62	6.79	6.98	5.24	4.18	3.64
FTSE World Government Bond Index 1-5 Years (hedged to USD)	0.24	3.04	3.22	3.02	2.31	1.90
Bloomberg Barclays US Government Bond Index Long	0.13	21.13	16.21	11.79	8.18	7.18
ICE BofA 1-Year US Treasury Note Index	0.08	1.77	2.37	2.19	1.54	0.93
ICE BofA US 3-Month Treasury Bill Index	0.04	0.64	1.10	1.69	1.20	0.64

One basis point (bps) 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 ICE BofA US Corporates, AA-AAA rated. A-BBB Corporates represent the ICE BofA US 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 © 2020 FTSE Fixed Income LLC, all rights reserved. ICE BofA index data © 2020 ICE Data Indices, LLC. S&P data © 2020 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved.



# Global Fixed Income

## Third Quarter 2020 Yield Curves

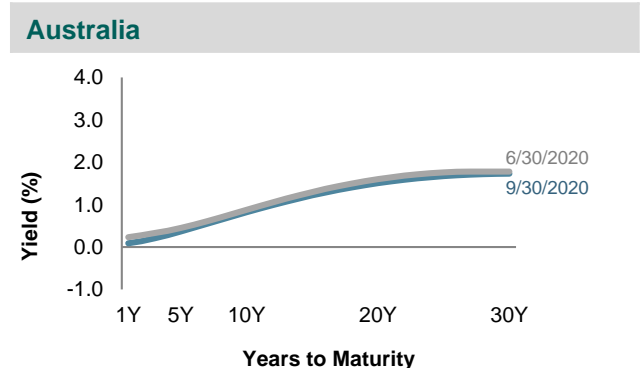
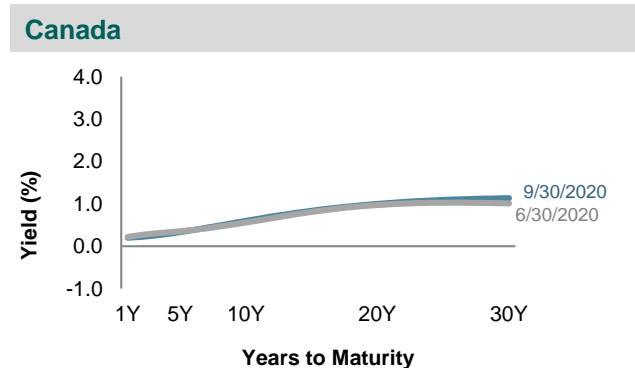
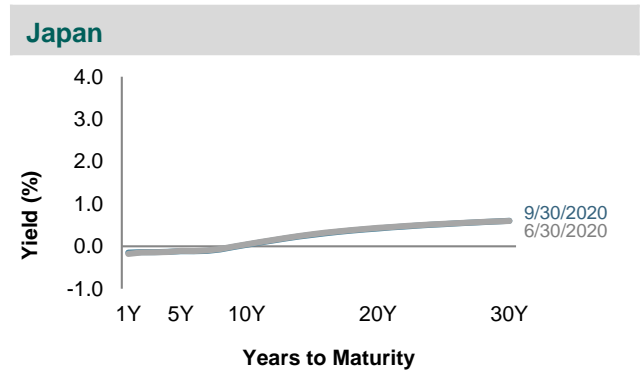
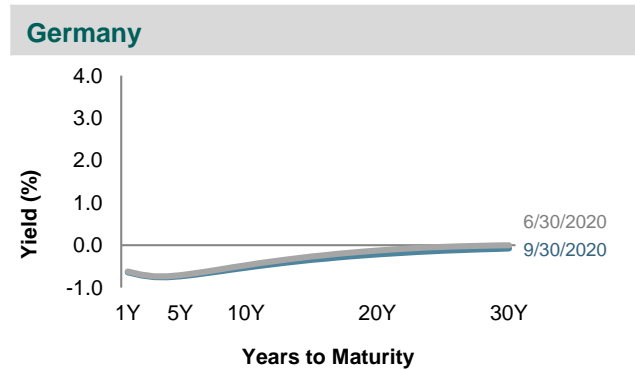
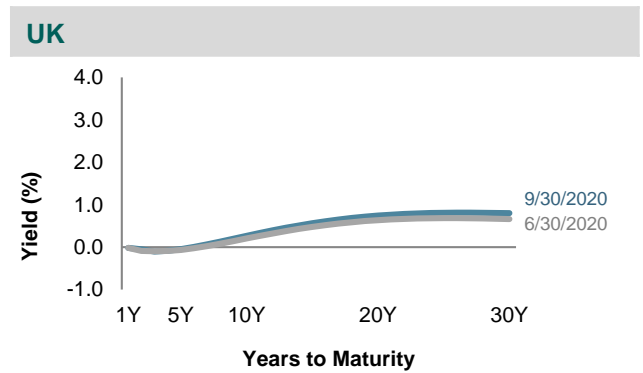
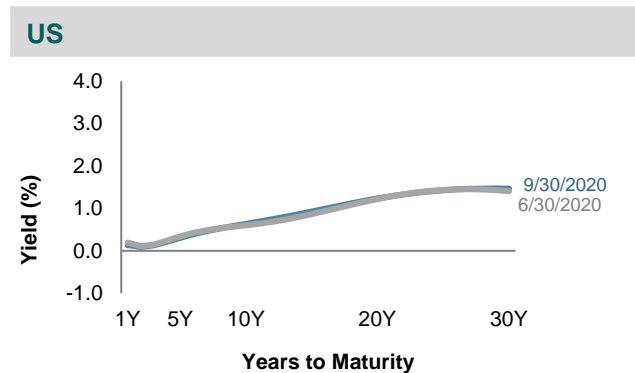
Changes in Government bond interest rates in the global developed markets were mixed for the quarter.

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

Short- and intermediate-term nominal interest rates were negative in Japan, while all maturities finished the quarter in negative territory in Germany.

Changes in Yields (bps) since 6/30/2020

	1Y	5Y	10Y	20Y	30Y
US	-5.4	-3.3	3.4	1.3	5.3
UK	0.0	1.8	6.1	10.7	13.9
Germany	-2.0	-2.8	-5.7	-9.2	-7.6
Japan	3.0	-1.1	-1.2	-1.2	0.2
Canada	-2.1	-1.9	3.9	2.6	12.2
Australia	-14.5	-8.3	-5.9	-9.6	-5.1



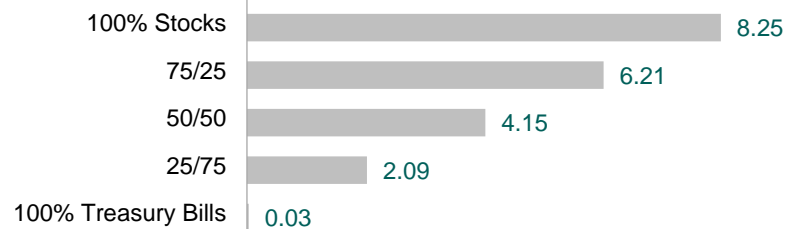
One basis point (bps) equals 0.01%. Source: ICE BofA government yield. ICE BofA index data © 2020 ICE Data Indices, LLC.

# Impact of Diversification

Third Quarter 2020

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.

## Ranked Returns (%)

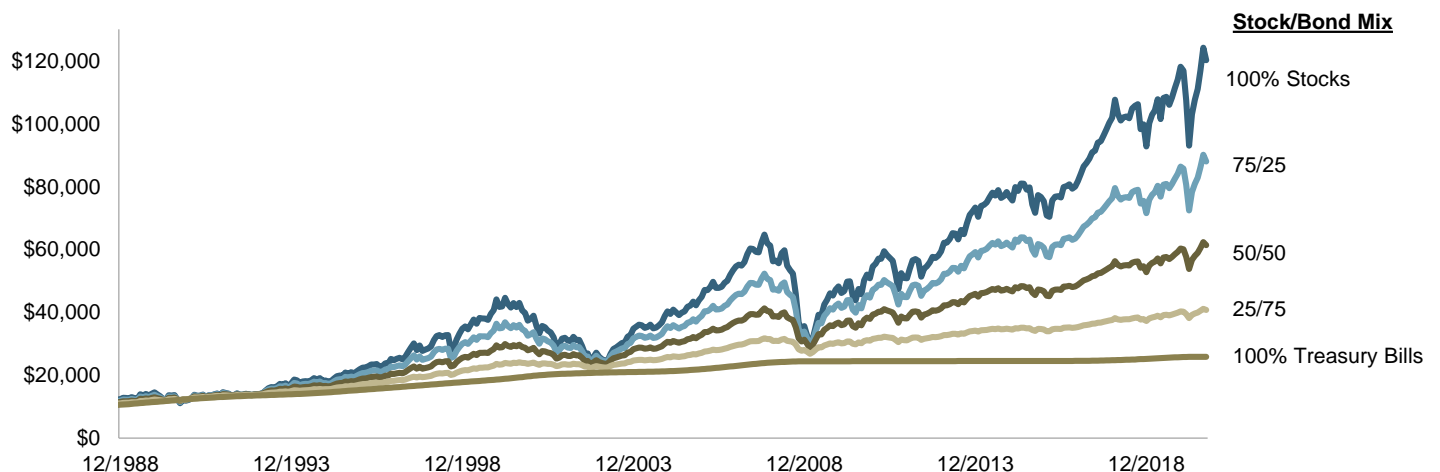


## Period Returns (%)

\* Annualized

Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*	10-Year STDEV <sup>1</sup>
75/25	1.90	8.89	6.40	8.58	7.12	10.28
100% Stocks	1.77	11.00	7.68	10.90	9.13	13.71
50/50	1.71	6.48	4.95	6.16	5.01	6.85
25/75	1.22	3.78	3.32	3.65	2.82	3.42
100% Treasury Bills	0.42	0.83	1.54	1.07	0.55	0.23

## 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 2020, 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).