

Quarterly Market Review Second Quarter 2020





### **Quarterly Market Review**

Second Quarter 2020

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:

SAM Commentary: Who Wants to be a Millionaire?!?! Market Summary World Stock Market Performance World Asset Classes **US Stocks** International Developed Stocks **Emerging Markets Stocks** Select Market Performance Select Currency Performance vs. US Dollar Real Estate Investment Trusts (REITs) Commodities **Fixed Income Global Fixed Income** Impact of Diversification

## Who Wants to be a Millionaire?!?!



Second Quarter 2020

#### Creating wealth is a life-long reality, not a daily game show

#### Dear Partners,

We continue to thank you for entrusting Your SAM Team to provide you with guidance along your path to financial sustainability. It has been a windy path so far this year - not only in financial markets but in real life. The last 5 months have shown us that money and finance are not everything. Please just remember to keep the proper perspective and know that we will continue to get through this together! We come to work every day motivated to equip our clients with the proper financial Big Picture and Mindset to get you through all financial climates. It is a true collaboration and we want to thank you for your continued partnership.

This past weekend, I was saddened to learn about the passing of Regis Philbin. While most probably will remember him for his talk show 'Live with Regis & (multiple different hosts)', I personally enjoyed him as host of the game show "Who Wants to Be a Millionaire." The irony is that since the markets have bottomed in March with the MSCI All World Index posting a 21.3% decline in Q1 2020, followed by a sharp upturn of 19.4% in Q2, everywhere I turn it seems people think it's easy to be a millionaire in "the market." In last quarter's letter we wrote about how our ancestral brains play tricks on us, which caused many to "flight" in Q1, and yet so quickly we are now in "fight" mode.

#### "WORKING" FROM HOME

Covid-19 has forced many businesses to have a remote workforce with those fortunate to retain their jobs working from home. It appears some of these individuals have taken on a second job as a day trader. Three top online brokers, Charles Schwab, TD Ameritrade and E-Trade, have reported a respective 58% (+223K), 149% (+364k), and 169% (+228k) year-over-year rise in new accounts in Q1 2020. Robinhood (a fintech investing company founded in 2013) reported in May they had 13 million accounts, up from 10 million at the end of 2019, with their number of individual positions more than doubling from 15 million to 30 million!

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 Post Covid-19

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Robinhood stock positions spike during coronavirus crisis Total number of stock positions at Robinhood

Unfortunately, what this trading does is provide people with their needed shot of dopamine along with false positives and false negatives, which lead to continued bad habits.

If someone "picks a stock" and is right, he or she thinks 'wow, I'm a genius.' This ultimately creates a gambling mentality with the longer-term outcome being that he/she reverts to average. The problem with average is that the person typically takes the "winnings" of the first stock and puts it all on the next. So, while average in "picking stocks," the wealth typically reverts to the original value.

On the flip side, if someone has a bad experience "picking stocks" he or she will get discouraged, leading to potentially giving up on investing all together. Which leaves the person very little flexibility in creating true sustainable wealth.

# Who Wants to be a Millionaire?!?!

(continued from page 3)

#### Facts not emotions

Trading is an extremely emotional game, similar to "Who Wants to be a Millionaire." Unfortunately creating wealth is not a game. To do it right, it needs to be rooted in facts not emotions.

It is a statistically factual statement that in any given day investing is a coin flip, with your average return being minimal (and close to zero after trading costs and taxes). As you can see from the below chart, on any given day either globally or domestically there is a ~45% chance of a negative return with an average daily return of 0.03%. This is similar odds to betting on a sporting event. HOWEVER, INVESTING AND CREATING WEALTH IS NOT GAMBLING.

People increase their odds of success by thinking long-term and getting out of the day trading mentality. Just increasing your duration to a year will greatly increase your probability of success! As displayed below, your probability of loss in any given year drops and the average return skyrockets to 8%+.

	MSCI All Co	untry World	S&P 500	
		% of		% of
	Average	Negative	Average	Negative
01/01/2001 to 06/30/2020	Return	Returns	Return	Returns
Daily	0.03%	45%	0.03%	46%
Weekly	0.14%	43%	0.15%	43%
Monthly	0.56%	38%	0.63%	34%
Quarterly	1.80%	29%	1.97%	28%
Annually	8.16%	32%	8.57%	21%

Source: Factset

#### ROLLER COASTERS ARE THRILLING...INVESTING SHOULD NOT BE

So, "who wants to be a millionaire?" Mostly everyone does, but as statistics show one probably has better odds of becoming a millionaire on a game show than in the daily "stock market." One of our biggest passions is financial literacy, and it is bothersome that so many people have reverted to day trading lately. In my experience this causes poor habits.

While the daily movements in markets may feel like a roller coaster, the longer your time frame the more it starts to feel like a smooth drive on a country road. Investing and creating wealth should be like watching a tree grow over time. As Warren Buffett has said, "Someone's sitting in the shade today because someone planted a tree a long time ago."

If you just planted your tree, or have been watching it grow for 40 years, Your SAM Team will always be by your side to do the pruning and watering with your family's multi-generational needs in mind.

Thank you for your continued trust and collaboration,

Jason and Your SAM Team





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## **Quarterly Market Summary**

Index Returns

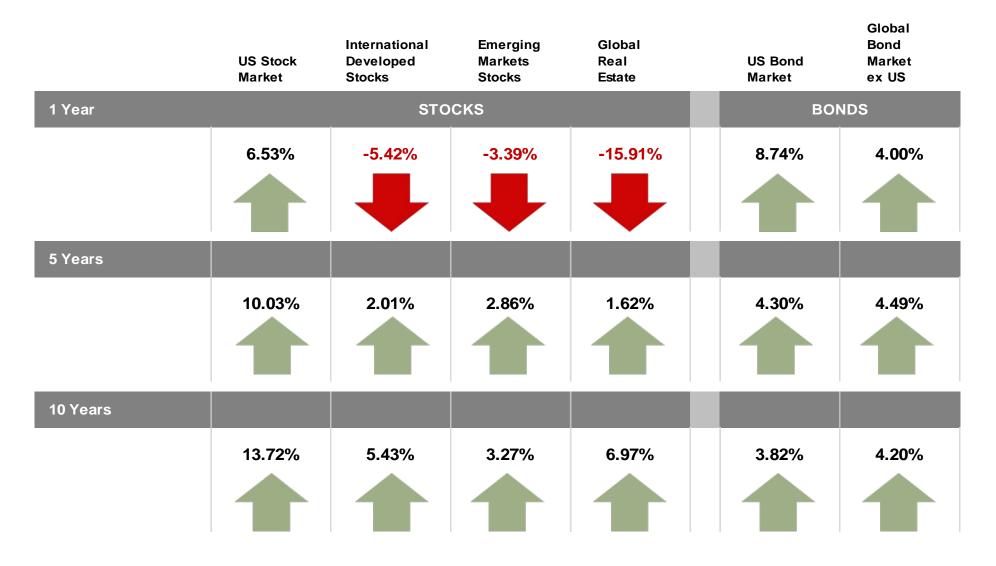
	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate	US Bond Market	Global Bond Market ex US
2Q 2020		STO	CKS		ВО	NDS
	22.03%	15.34%	18.08%	11.17%	2.90%	1.76%
Since Jan. 2001						
Avg. Quarterly Return	2.1%	1.4%	2.7%	2.3%	1.2%	1.1%
Best	22.0%	25.9%	34.7%	32.3%	4.6%	4.6%
Quarter	2020 Q2	2009 Q2	2009 Q2	2009 Q3	2001 Q3	2008 Q4
Worst	-22.8%	-23.3%	-27.6%	-36.1%	-3.0%	-2.7%
Quarter	2008 Q4	2020 Q1	2008 Q4	2008 Q4	2016 Q4	2015 Q2

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

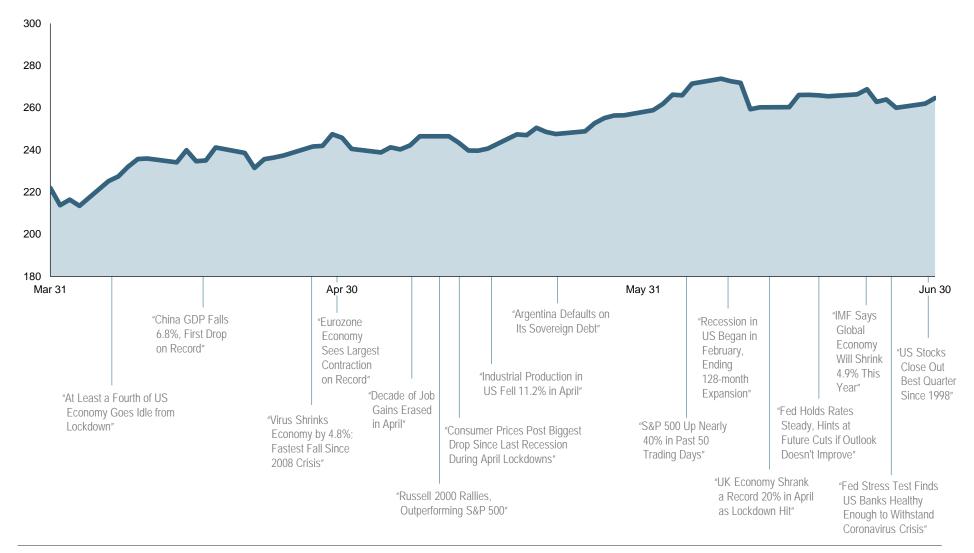


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### World Stock Market Performance

MSCI All Country World Index with selected headlines from Q2 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.

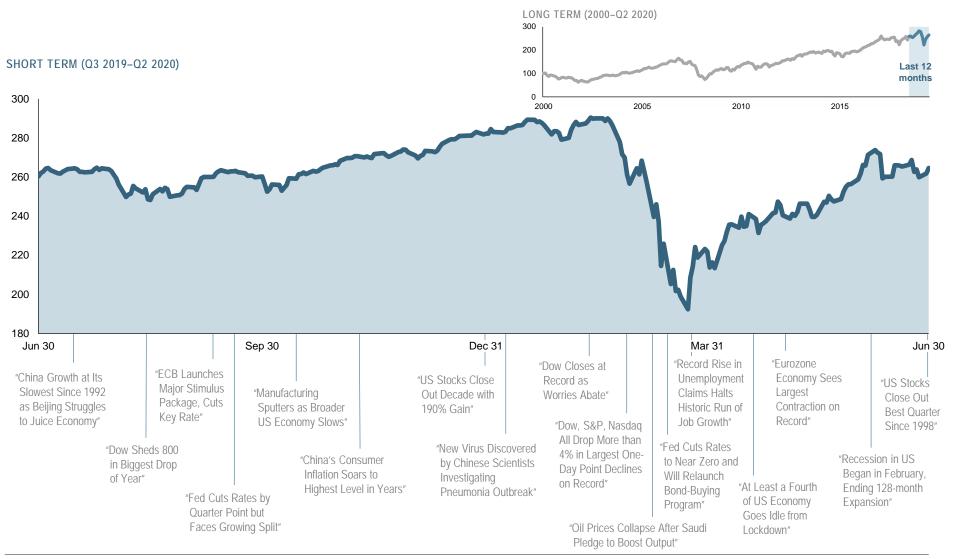
Graph Source: MSCI ACWI Index [net div.]. MSCI data © MSCI 2020, all rights reserved.

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



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.



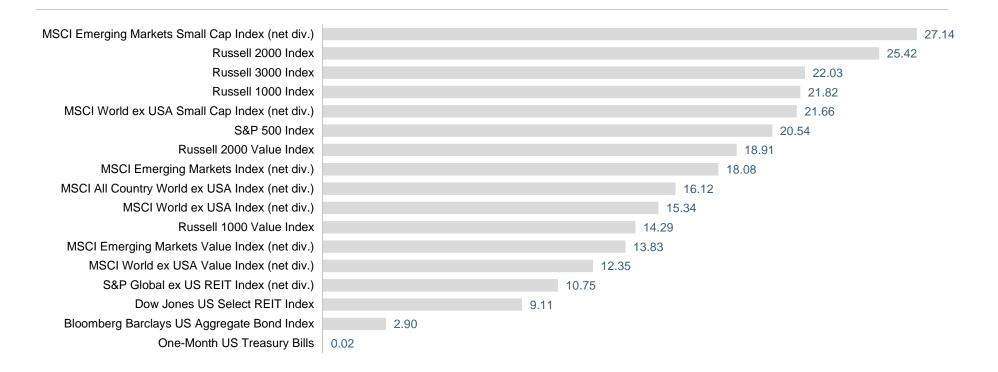
### World Asset Classes

Second Quarter 2020 Index Returns (%)

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

Value stocks underperformed growth stocks, and small caps outperformed large caps.

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



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### US Stocks Second Quarter 2020 Index Returns

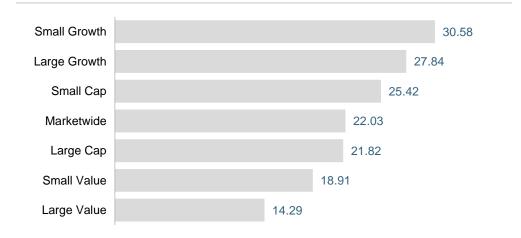
The US equity market posted positive returns for the quarter, outperforming non-US developed markets and emerging markets.

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

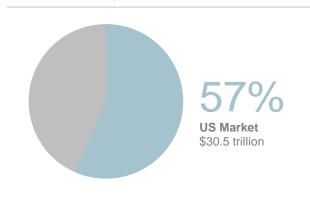
Small caps outperformed large caps in the US.

REIT indices underperformed equity market indices.

#### Ranked Returns (%)



#### World Market Capitalization—US



#### Period Returns (%)

#### \* Annualized

Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*
Large Growth	9.81	23.28	18.99	15.89	17.23
Large Cap	-2.81	7.48	10.64	10.47	13.97
Small Growth	-3.06	3.48	7.86	6.86	12.92
Marketwide	-3.48	6.53	10.04	10.03	13.72
Small Cap	-12.98	-6.63	2.01	4.29	10.50
Large Value	-16.26	-8.84	1.82	4.64	10.41
Small Value	-23.50	-17.48	-4.35	1.26	7.82

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 the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes. MSCI data © MSCI 2020, all rights reserved.

## **International Developed Stocks**

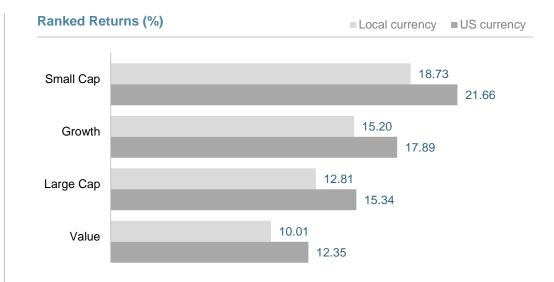


Second Quarter 2020 Index Returns

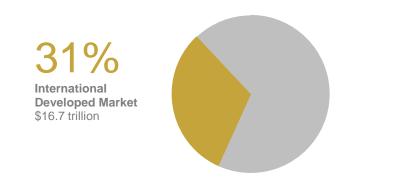
Developed markets outside the US underperformed both the US equity market and emerging markets equities for the quarter.

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

Value underperformed growth across large and small cap stocks.



#### World Market Capitalization—International Developed



Period Returns	(%)				* Annualized
Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*
Growth	-3.11	4.25	5.93	5.29	7.36
Large Cap	-11.49	-5.42	0.84	2.01	5.43
Small Cap	-12.87	-3.20	0.53	3.56	7.26
Value	-19.96	-15.14	-4.42	-1.46	3.36

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Period Returns (%)



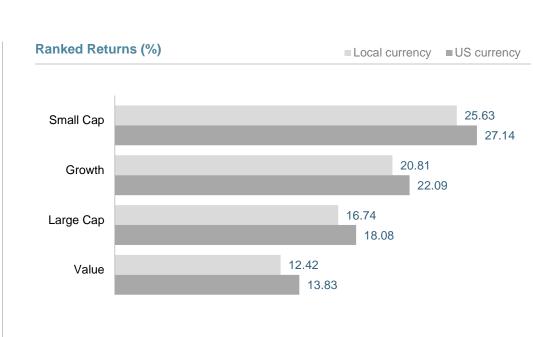
## **Emerging Markets Stocks**

Second Quarter 2020 Index Returns

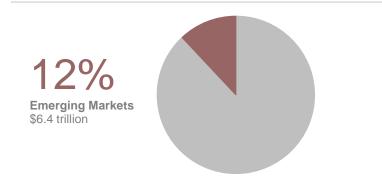
Emerging markets underperformed the US equity market but outperformed developed ex US equities for the quarter.

Value stocks underperformed growth stocks.

Small caps outperformed large caps.



#### World Market Capitalization—Emerging Markets



%)				* Annualized
YTD	1 Year	3 Years*	5 Years*	10 Years*
-1.52	9.67	6.19	6.35	5.76
-9.78	-3.39	1.90	2.86	3.27
-12.74	-8.82	-2.95	-1.38	1.78
-18.05	-15.74	-2.64	-0.80	0.66
	YTD -1.52 -9.78 -12.74	YTD         1 Year           -1.52         9.67           -9.78         -3.39           -12.74         -8.82	YTD         1 Year         3 Years*           -1.52         9.67         6.19           -9.78         -3.39         1.90           -12.74         -8.82         -2.95	YTD1 Year3 Years*5 Years*-1.529.676.196.35-9.78-3.391.902.86-12.74-8.82-2.95-1.38

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: Large Cap (MSCI Emerging Markets Index), Small Cap (MSCI Emerging Markets Small Cap Index), Value (MSCI Emerging Markets Value Index), and Growth (MSCI Emerging Markets Growth Index). All index returns are net of withholding tax on dividends. World Market Cap represented by Russell 3000 Index, MSCI World ex USA IMI Index, and MSCI Emerging Markets IMI Index. MSCI Emerging Markets IMI Index. MSCI Emerging Markets IMI Index. MSCI at a MSCI 2020, all rights reserved. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes.

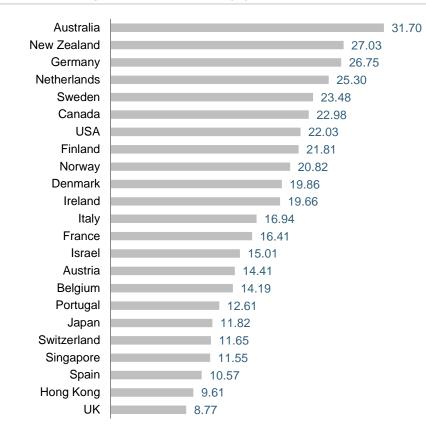


### **Select Market Performance**

Second Quarter 2020 Index Returns

In US dollar terms, Australia and New Zealand recorded the highest country performance in developed markets, while the UK and Hong Kong posted the lowest returns for the quarter. In emerging markets, Argentina and Thailand recorded the highest country performance, while Qatar and Colombia posted the lowest performance.

#### **Ranked Developed Markets Returns (%)**



#### **Ranked Emerging Markets Returns (%)**

Argentina		35.81
Thailand	26.97	
South Africa	26.78	
Indonesia	25.12	
Brazil	23.83	
Taiwan	23.38	
Czech Republic	23.28	
Poland	22.91	
Turkey	22.39	
India	21.52	
Korea	20.60	
Philippines	19.34	
Russia	19.09	
Chile	17.12	
UAE	16.67	
Greece	16.39	
Malaysia	16.03	
China	15.22	
Pakistan	14.70	
Hungary	14.60	
Saudi Arabia	13.89	
Mexico	11.81	
Egypt	10.70	
Peru	10.34	
Colombia	9.88	
Qatar	8.53	
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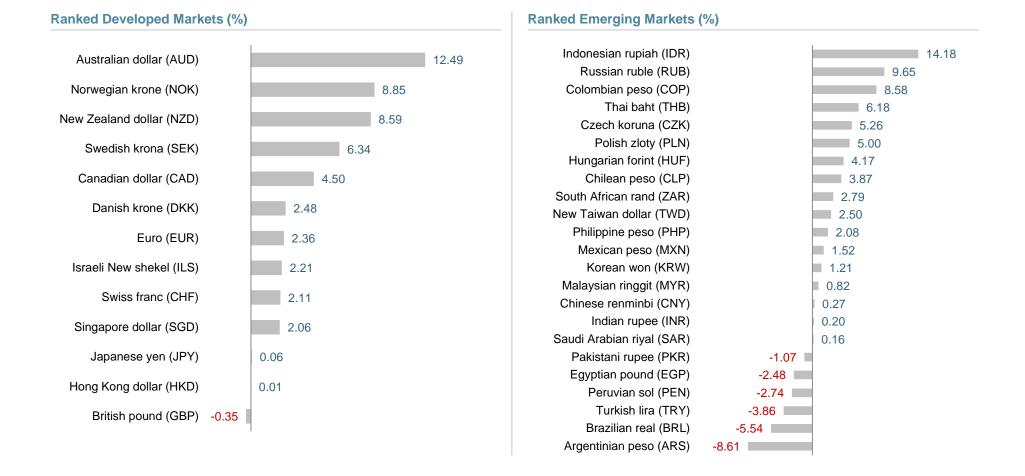
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## Select Currency Performance vs. US Dollar

Second Quarter 2020

In developed markets, most currencies appreciated vs. the US dollar except for the British pound. In emerging markets, currency performance vs. the US dollar was mixed. Most currencies generally appreciated vs. the US dollar, but others, notably the Argentinian peso and Brazilian real, depreciated.

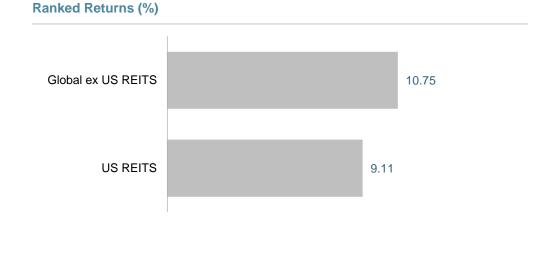


### SATOVSKY Asset MANAGEMEN

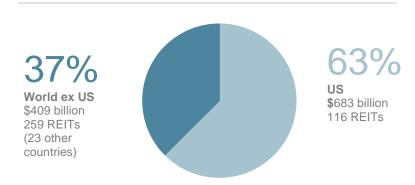
## Real Estate Investment Trusts (REITs)

Second Quarter 2020 Index Returns

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



#### Total Value of REIT Stocks



Period Returns (%)					* Annualized
Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*
US REITS	-22.01	-17.71	-1.99	2.45	8.27
Global ex US REITS	-25.25	-19.44	-2.37	-0.11	5.73

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



## Commodities

### Second Quarter 2020 Index Returns

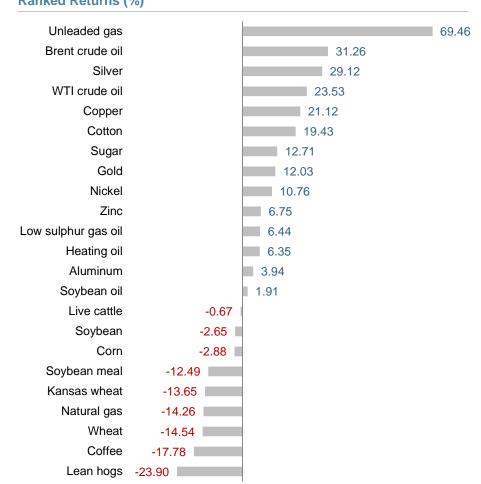
The Bloomberg Commodity Index Total Return returned 5.08% for the second quarter.

Unleaded gas and Brent crude oil were the best performers, returning 69.46% and 31.26%, respectively.

Lean hogs and coffee were the worst performers, declining 23.90% and 17.78%, respectively.

Period Returns (%)						Annualized
Asset Class	QTR	YTD	1 Year	3 Years*	5 Years*	10 Years*
Commodities	5.08	-19.40	-17.38	-6.14	-7.69	-5.82

### Ranked Returns (%)



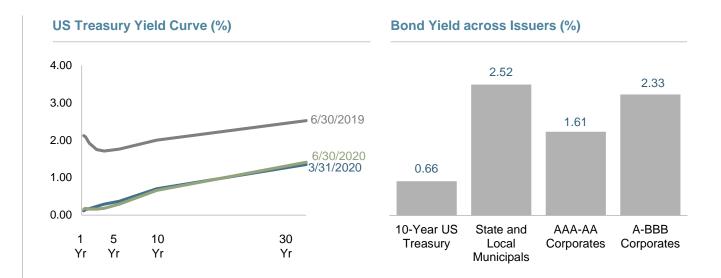


### **Fixed Income** Second Quarter 2020 Index Returns

Interest rate changes were mixed in the US Treasury fixed income market in the second quarter. The yield on the 5-Year US Treasury Note decreased by 8 basis points (bps), ending at 0.29%. The yield on the 10-year note decreased by 4 bps to 0.66%. The 30-Year US Treasury Bond yield increased by 6 bps to 1.41%.

On the short end of the curve, the 1-Month T-bill yield rose by 8 bps to 0.13%, while the 1-year T-bill yield fell by 1 bp to 0.16%. The 2-year note finished at 0.16% after a yield decrease of 7 bps.

In terms of total returns, short-term corporate bonds returned 5.59% for the guarter. Intermediate corporates returned 7.63%. The total return for short-term municipal bonds was 2.38%, while intermediate-term muni bonds returned 3.19%. General obligation bonds outperformed revenue bonds.



#### **Period Returns (%)**

#### Asset Class QTR YTD 3 Years\* 5 Years\* 10 Years\* 1 Year Bloomberg Barclays US High Yield Corporate Bond Index 10.18 -3.800.03 3.33 4.79 Bloomberg Barclays US TIPS Index 6.01 8.28 5.05 3.75 3.52 4.24 Bloomberg Barclays US Aggregate Bond Index 2.90 6.14 8.74 5.32 4.30 3.82 2.72 2.08 4.22 3.93 4.22 Bloomberg Barclays Municipal Bond Index 4.45 FTSE World Government Bond Index 1-5 Years 2.11 2.27 1.86 1.68 0.62 1.41 FTSE World Government Bond Index 1-5 Years (hedged to USD) 0.53 2.79 3.96 3.09 2.38 1.96 Bloomberg Barclays US Government Bond Index Long 0.28 20.97 25.14 11.96 9.21 7.71 ICE BofA US 3-Month Treasury Bill Index 0.02 0.60 1.63 1.77 0.64 1.19 ICE BofA 1-Year US Treasury Note Index 2.25 0.95 -0.03 1.69 2.86 1.54

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 Bank of America Merrill Lynch US Corporates, AA-AAA rated. A-BBB Corporates represent the ICE BofA 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 (SBBI) Yearbook<sup>TM</sup>, Ibbotson Associates, Chicago (annually updated work by Roger G. Ibbotson and Rex A. Singuefield). 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.

\*Annualized



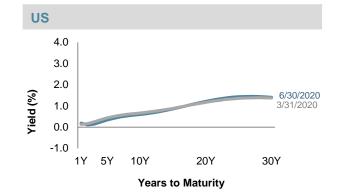
### **Global Fixed Income**

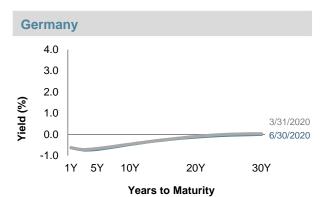
Second Quarter 2020 Yield Curves

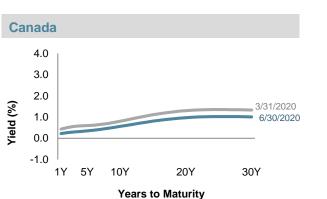
Changes in government bond interest rates in the global developed markets were mixed for the quarter.

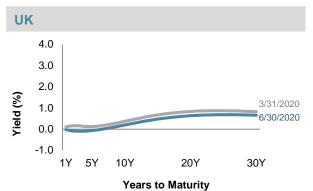
Longer-term bonds generally outperformed shorter-term bonds in global developed markets.

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



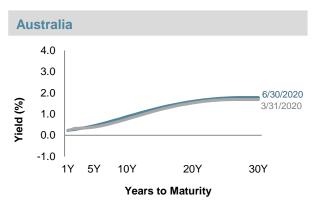






Japan 4.0 3.0 2.0 1.0 0.0 -1.0 1Y 5Y 10Y 20Y 30Y

Years to Maturity



#### Changes in Yields (bps) since 3/31/2020

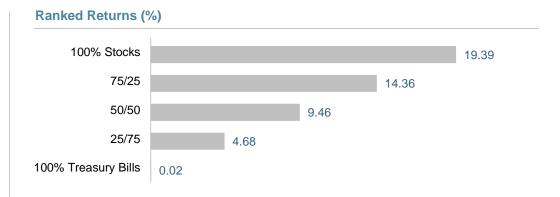
	1Y	5Y	10Y	20Y	30Y
US	5.7	-9.9	-6.9	4.6	3.1
UK	-13.5	-18.9	-17.1	-20.2	-16.9
Germany	1.2	-4.0	-1.5	-3.2	-3.3
Japan	-3.0	2.2	0.0	8.9	16.1
Canada	-21.0	-24.6	-24.5	-33.1	-32.6
Australia	1.4	6.1	10.7	7.0	8.9



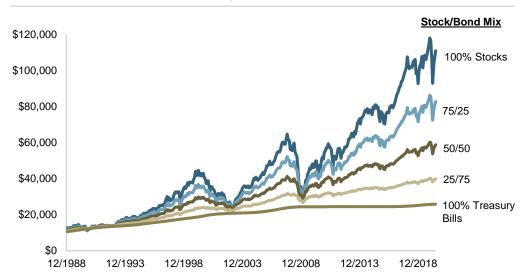
## Impact of Diversification

Second 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.



#### 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<sup>™</sup>, Ibbotson Associates, Chicago (annually updated work by Roger G. Ibbotson and Rex A. Sinquefield).

\* Annualized

### Period Returns (%)

Asset Class	YTD	1 Year	3 Years*	5 Years*	10 Years*	10-Year STDEV¹
100% Treasury Bills	0.39	1.35	1.62	1.07	0.55	0.23
25/75	-0.86	2.10	3.12	2.73	2.97	3.49
50/50	-2.34	2.57	4.48	4.29	5.31	7.00
75/25	-4.05	2.75	5.67	5.72	7.57	10.51
100% Stocks	-5.99	2.64	6.70	7.03	9.74	14.02



### **Important Disclosures**

July 2020

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