

TIMONIER

Wealth Beyond Financial

From the Engine Room Quarterly Market Review



Third Quarter 2021



Quarterly Market Review

Third Quarter 2021

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:

Why Slower GDP Shouldn't Worry Long-Term Investors 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) **Commodifies Fixed Income Global Fixed Income** Impact of Diversification Quarterly Topic: The 50-Year Battle for a Better Way to Invest

Why Slower GDP Shouldn't Worry Long-Term Investors Q3 2021

Nicholas Baker, AAMS® Wealth Planning Advisor

The business cycle is advancing despite a number of investor concerns, one quarter after the economy returned to prepandemic levels. And while the pace has decelerated, this is normal after last year's extreme rebound. For investors, this is important because an economy that is expanding - even at a slower rate - is what supports a robust bull market. What should those worried about their portfolios expect from the economy going forward?

Last week's data show that U.S. GDP grew by 2% in the third quarter compared to the second. Although this is slower than many had hoped, this was due to factors that were widely anticipated: the delta variant, supply chain bottlenecks and a deceleration in consumer spending. When looking at the bigger picture, not only did the economy grow 4.9% in Q3 from a year ago, but personal consumption expenditures came in better than expected and both investment and government spending flipped from negative to positive.

When considering economic data such as these, it's always important to focus on a broader perspective. The glass-halfempty view is that last quarter's growth rate is the slowest since the recovery began, especially compared to the previous quarter's 6.7% figure. The reality is that investors should not expect the types of growth that occurred right after businesses reopened last year, regardless of supply constraints and inflation. The 33.8% rebound in Q3 2020 was possibly a once-in-alifetime event and only occurred because the economy shrank by 31% at the start of the pandemic.

Clearly, the strong growth rates of the past year benefited from the reopening and should taper off over time. Of course, the situation never seems perfect. During the previous cycle, investors were constantly faced with intractable concerns such as structural debt problems, Fed policy, government spending, the Eurozone crisis and, ironically, the fact that inflation was *too low*.

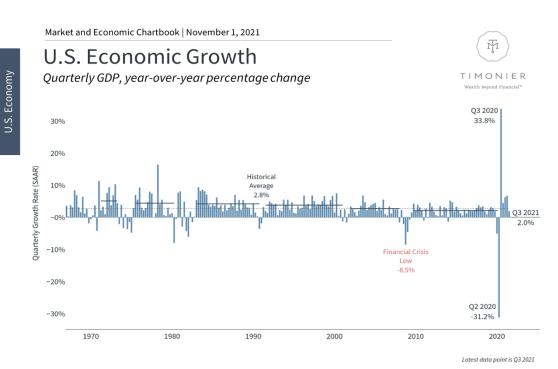
Despite this, the S&P 500 rose 400% over the course of an 11-year period. Similar patterns can be found across all business cycles through history.

While pessimism can occasionally pay off in the short run, it almost never helps in the long run. Even when the situation fails to evolve as investors hope, investment portfolios that are properly positioned often find a way to perform well nonetheless.

Thus, the more optimistic perspective for investors is that the economy can continue to grow at a steady pace. The average consumer is in a strong financial position, especially as the unemployment rate continues to fall, and industrial activity continues to expand. Although not all Americans are doing well, they will begin to benefit with cases of the delta variant low and businesses growing.

For long-term investors, it's important to keep in mind that recessions and bear markets tend to be sudden and last for months, while bull markets and economic expansions tend to be steady and last for years if not decades. Positioning for the latter, without focusing too much on any individual data point, is the best way to achieve financial goals. Below are three insights that can help investors to view the economy with a long-term perspective.

1. The economy grew less than expected in the third quarter



The economy grew at a 2% annualized rate in the third quarter when compared to the second. This is slower than expected but is due to wellunderstood factors. What matters is that the economy is continuing to grow despite a number of challenges.

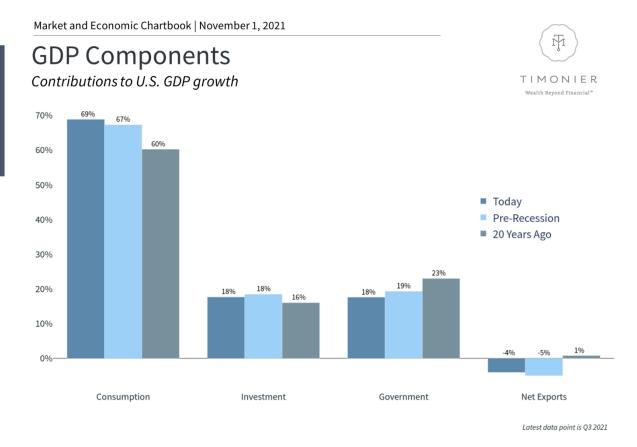
The economy has surpassed pre-pandemic levels and is growing rapidly.

The GDP declines and advances over the past year have been among the largest in history.

Stimulus from Congress and the Fed, along with strong consumer balance sheets, helped spur a strong recovery.



2. Consumer spending is the largest part of the U.S. economy



Consumer spending continues to be a major part of the U.S. economy.

The fact that consumers are in a strong and stable position is a positive sign.

The composition of U.S. GDP has shifted over the past several decades.

GDP is often broken out into consumer spending, investment spending, government spending, and the trade balance.

Consumer spending has increased as a share of GDP over the past twenty years. Meanwhile, government spending has declined.

Source: U.S. BEA © 2021 Clearnomics, Inc.

3. A strong economy can support long market cycles



Market and Economic Chartbook | November 1, 2021

Stock Market Bull and Bear Cycles

S&P 500 price index since 1956 bear market with recessions shaded. For the purposes of this chart, bear markets are 20% declines in price from prior peaks. Bull markets begin at each market bottom.



Latest data point is Oct 29, 2021

M

TIMONIER

Wealth Beyond Financial"

While bear markets are unavoidable, bull markets are much longer with larger returns.

Since 1956, the average bear market has lasted one year two months with a decline of 36%.

In contrast, the average bull market lasts 5 years 9 months and returns 192%.

History shows that recessions and market crashes are short while bull market expansions are long - if they are supported by steady economic growth.

The bottom line? Investors should continue to focus on the long run, especially as short-term economic challenges evolve.

Source: Clearnomics, Standard and Poor's © 2021 Clearnomics.Inc.

"Your task is not to foresee the future, but to enable it." -Antoine de Saint-Exupery



Quarterly Market Summary

Index Returns

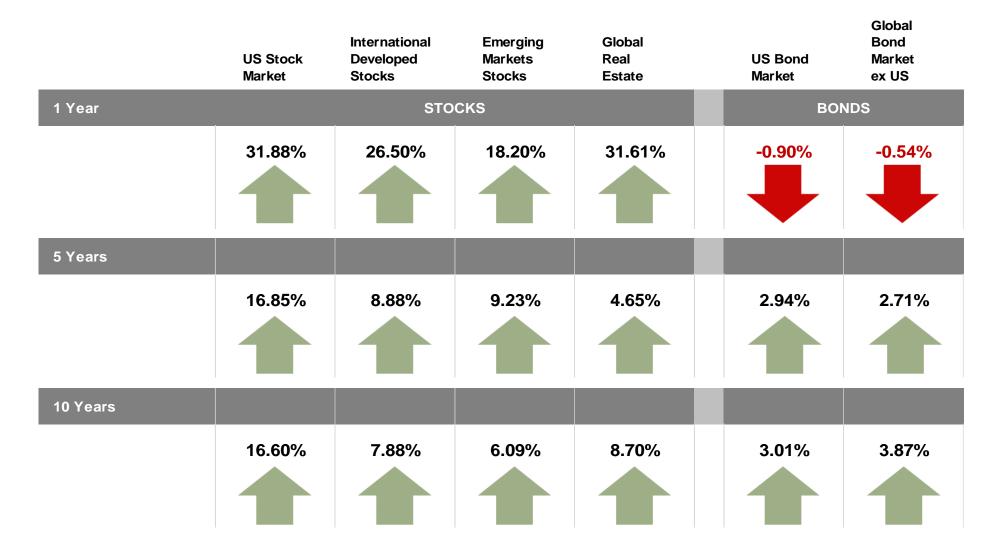
	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate	US Bond Market	Global Bond Market ex US	
3Q 2021		STO	CKS		BONDS		
	-0.10%	-0.66%	-8.09%	-0.08%	0.05%	0.09%	
Since Jan. 2001							
Avg. Quarterly Return	2.4%	1.7%	2.9%	2.5%	1.1%	1.1%	
Best	22.0%	25.9%	34.7%	32.3%	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%	-3.4%	-2.7%	
Quarter	2008 Q4	2020 Q1	2008 Q4	2008 Q4	2021 Q1	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 US Aggregate Bond Index), and Global Bond Market ex US (Bloomberg Global Aggregate ex-USD Bond Index [hedged to USD]). S&P data © 2021 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 2021, all rights reserved. Bloomberg data provided by Bloomberg.



Long-Term Market Summary

Index Returns as of September 30, 2021

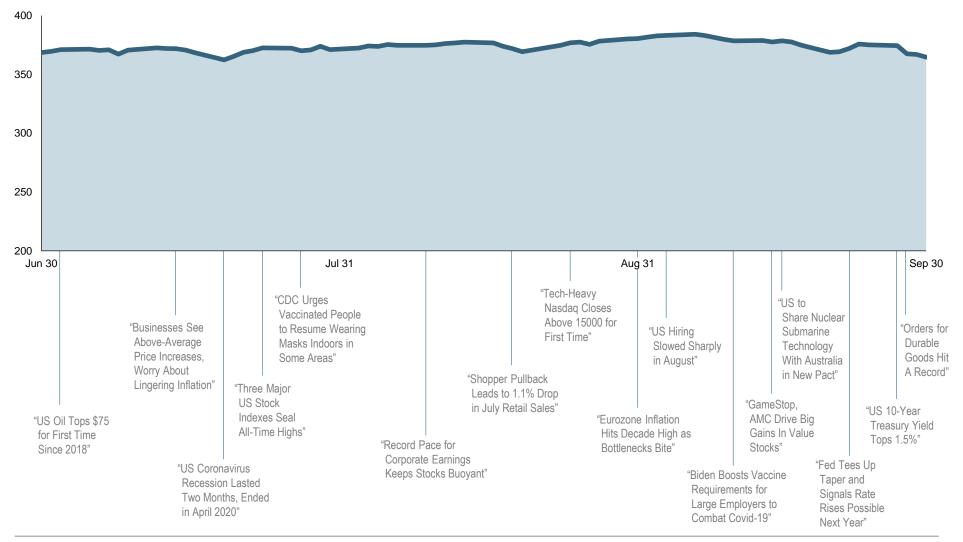


Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Market segment (index representation) as follows: US Stock Market (Russell 3000 Index), International 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 US Aggregate Bond Index), and Global Bond Market ex US (Bloomberg Global Aggregate ex-USD Bond Index [hedged to USD]). S&P data © 2021 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 2021, all rights reserved. Bloomberg.



World Stock Market Performance

MSCI All Country World Index with selected headlines from Q3 2021



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.

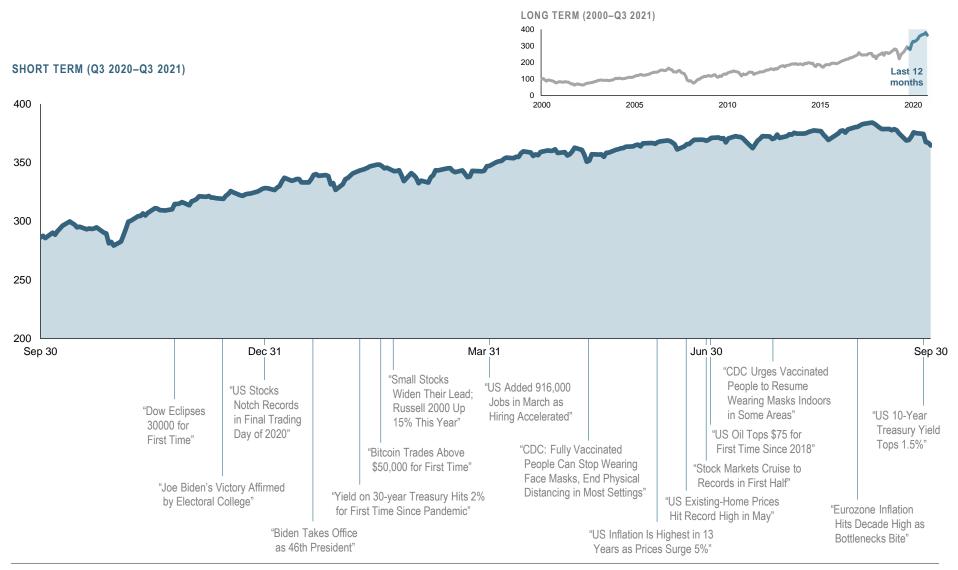
Graph Source: MSCI ACWI Index [net div.]. MSCI data © MSCI 2021, all rights reserved.

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 2021, 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.

Î

World Asset Classes

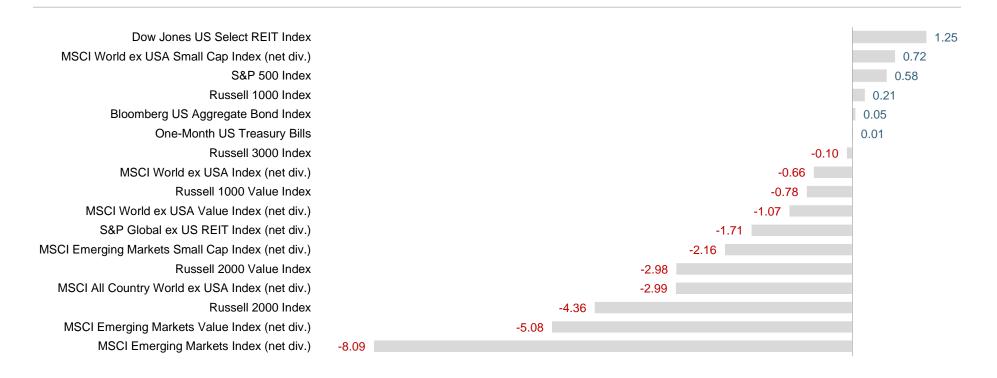
Third Quarter 2021 Index Returns (%)

Equity markets around the globe declined in the third quarter. Looking at broad market indices, US and non-US developed markets outperformed emerging markets.

Value performance was mixed in the US, with small value outperforming small growth but large value underperforming large growth. Value underperformed growth in non-US developed markets and outperformed in emerging markets.

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

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



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. The S&P data is provided by Standard & Poor's Index Services Group. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes. MSCI data © MSCI 2021, all rights reserved. Dow Jones data © 2021 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved. S&P data © 2021 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved. S&P data © 2021 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved. Several of unually updated work by Roger G. Ibbotson and Rex A. Sinquefield).



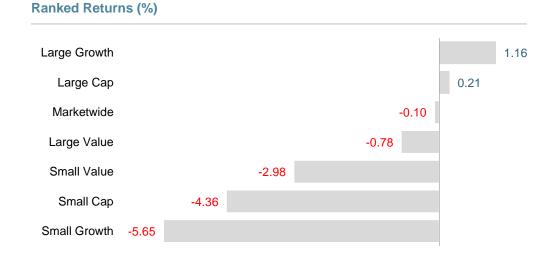
US Stocks Third Quarter 2021 Index Returns

The US equity market was flat for the quarter and outperformed non-US developed markets and emerging markets.

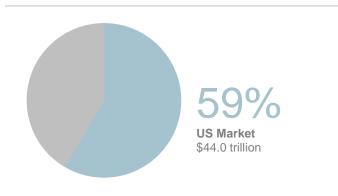
Value underperformed growth in large cap stocks but outperformed growth in small cap stocks.

Small caps underperformed large caps.

REIT indices outperformed equity market indices.



World Market Capitalization—US



Data Series	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Large Growth	1.16	14.30	27.32	22.00	22.84	19.68
Large Cap	0.21	15.19	30.96	16.43	17.11	16.76
Marketwide	-0.10	14.99	31.88	16.00	16.85	16.60
Large Value	-0.78	16.14	35.01	10.07	10.94	13.51
Small Value	-2.98	22.92	63.92	8.58	11.03	13.22
Small Cap	-4.36	12.41	47.68	10.54	13.45	14.63
Small Growth	-5.65	2.82	33.27	11.70	15.34	15.74

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 2000 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 2021, all rights reserved.

* Annualized

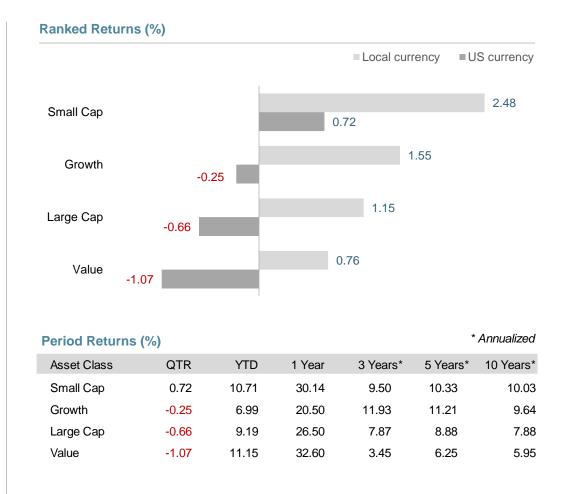
International Developed Stocks

Third Quarter 2021 Index Returns

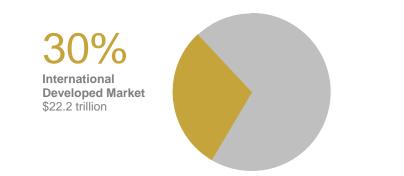
Developed markets outside the US declined less than 1% for the quarter and underperformed US equities but outperformed emerging markets.

Value underperformed growth.

Small caps outperformed large caps.



World Market Capitalization—International Developed



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 World ex USA Index), Small Cap (MSCI World ex USA Small Cap Index), Value (MSCI World ex USA Value Index), and Growth (MSCI World ex USA 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 World ex USA IMI Index is used as the proxy for the International Developed market. MSCI data © MSCI 2021, all rights reserved. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes.



Emerging Markets Stocks

Third Quarter 2021 Index Returns

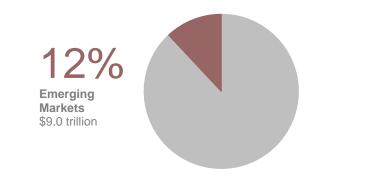
Emerging markets posted negative returns for the quarter, underperforming the US and non-US developed equity markets.

Value outperformed growth.

Small caps outperformed large caps.



World Market Capitalization—Emerging Markets



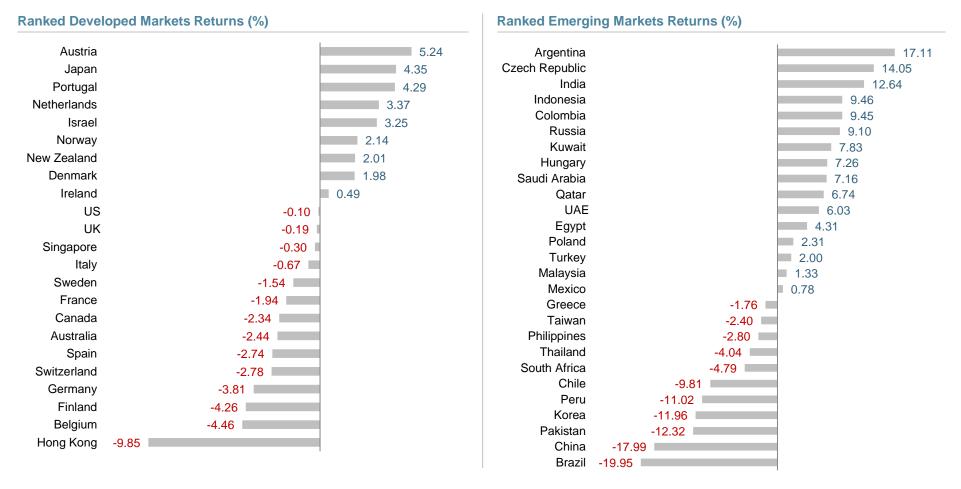
Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Market segment (index representation) as follows: Large Cap (MSCI Emerging Markets Index), Small 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 used as the proxy for the emerging market portion of the market. MSCI data © MSCI 2021, 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

Third Quarter 2021 Index Returns

In US dollar terms, Austria and Japan recorded the highest country performance in developed markets, while Belgium and Hong Kong posted the lowest returns for the quarter. In emerging markets, Argentina and the Czech Republic recorded the highest country performance, while Brazil and China posted the lowest performance.



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. MSCI Index returns are in USD net of dividend withholding taxes. Country returns are the country component indices of the MSCI All Country World ex USA IMI for all countries except the United States, where the Russell 3000 index is used instead. Frank Russell Company is the source and owner of the trademarks, service marks and copyrights related to the Russell Indexes. MSCI data © MSCI 2021, all rights reserved. Indices are not available for direct investment. Their performance does not reflect the expenses associated with the management of an actual portfolio. Past performance is not a guarantee of future results.

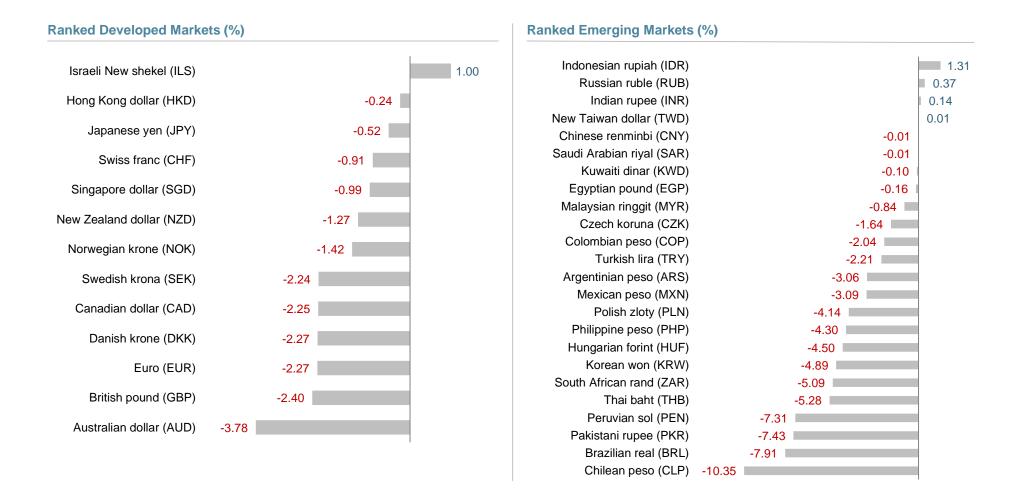
15



Select Currency Performance vs. US Dollar

Third Quarter 2021

In emerging and developed markets, most currencies depreciated vs. the US dollar.

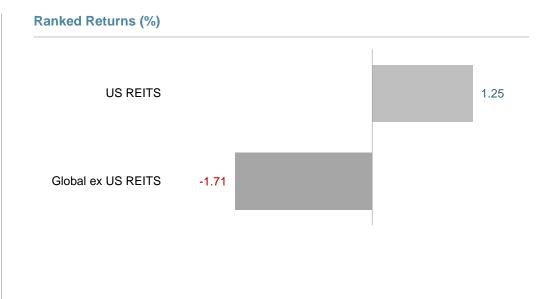




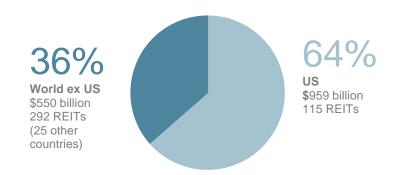
Real Estate Investment Trusts (REITs)

Third Quarter 2021 Index Returns

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



Total Value of REIT Stocks



Asset Class	QTR	YTD	1 Year	3 Years*	5 Years*	10 Years*
US REITS	1.25	24.48	40.56	8.32	5.68	10.53
Global ex US REITS	-1.71	7.80	24.01	4.52	3.28	6.81

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 © 2021 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved.

Period Returns (%)

* Annualized



Commodities Third Quarter 2021 Index Returns

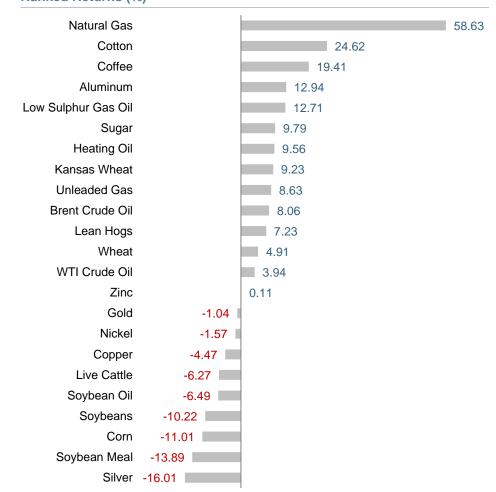
The Bloomberg Commodity Index Total Return returned 6.59% for the third quarter of 2021.

Natural Gas and Cotton were the best performers, gaining 58.63% and 24.62%, respectively.

Silver and Soybean Meal were the worst performers, declining 16.01% and 13.89%, respectively.

F	Period Return	* Annualized					
	Asset Class	QTR	YTD	1 Year	3 Years*	5 Years*	10 Years*
	Commodities	6.59	29.13	42.29	6.86	4.54	-2.66

Ranked Returns (%)





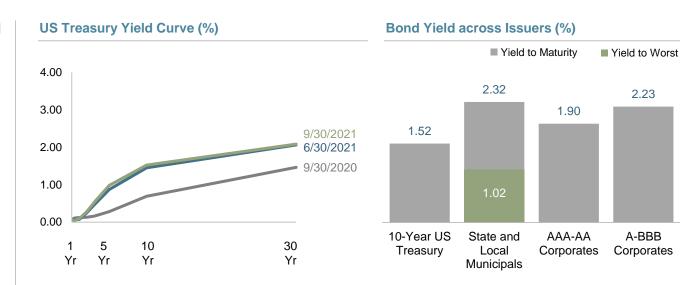
Fixed Income Third Quarter 2021 Index Returns

Interest rates in the US Treasury fixed income market generally increased during the third quarter. The yield on the 5-year Treasury note rose 12 basis points (bps), ending at 1.00%. The yield on the 10-year Treasury note increased 8 bps to 1.54%. The 30-year Treasury Bond yield rose 1 bp to finish at 2.05%.

On the short end of the curve, the 1month Treasury bill yield increased 2 bps, ending at 0.07%, while the 1year Treasury bill yield decreased 1 bp to 0.09%. The 2-year Treasury note yield increased 5 bps to 0.30%.

In terms of total returns, short-term corporate bonds returned 0.11%. Intermediate-term corporate bonds gained 0.08%.

The total return for short-term municipal bonds was 0.08%, while intermediate munis lost 0.04%. Revenue bonds performed in line with general obligation bonds for the quarter.



Period Returns (%)

Asset Class	QTR	YTD	1 Year	3 Years*	5 Years*	10 Years*
Bloomberg US TIPS Index	1.75	3.51	5.19	7.45	4.34	3.12
Bloomberg US High Yield Corporate Bond Index	0.89	4.53	11.28	6.91	6.52	7.42
Bloomberg US Government Bond Index Long	0.46	-7.40	-10.13	9.17	3.34	4.40
Bloomberg US Aggregate Bond Index	0.05	-1.55	-0.90	5.36	2.94	3.01
FTSE World Government Bond Index 1-5 Years (hedged to USD)	0.02	-0.28	-0.11	2.77	1.90	1.75
ICE BofA 1-Year US Treasury Note Index	0.02	0.11	0.17	1.88	1.46	0.89
ICE BofA US 3-Month Treasury Bill Index	0.01	0.04	0.07	1.18	1.16	0.63
Bloomberg Municipal Bond Index	-0.27	0.79	2.63	5.06	3.26	3.87
FTSE World Government Bond Index 1-5 Years	-1.00	-3.06	-0.93	2.18	0.98	-0.21

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, and the Yield to Worst 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 data provided by Bloomberg. US long-term bonds, bills, inflation, and fixed income factor data © Stocks, Bonds, Bills, and Inflation (SBBI) Yearbook ™, Ibbotson Associates, Chicago (annually updated work by Roger G. Ibbotson and Rex A. Sinquefield). FTSE fixed income indices © 2021 FTSE Fixed Income LLC, all rights reserved. ICE BofA index data © 2021 ICE Data Indices, LLC. S&P data © 2021 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved.

*Annualized



Global Fixed Income

Third Quarter 2021 Yield Curves

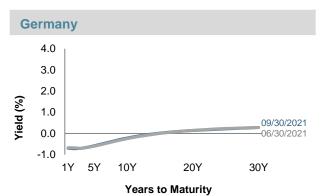
Government bond yields in the global developed markets generally increased for the quarter.

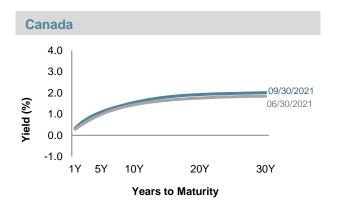
Term premiums were mixed in developed markets.

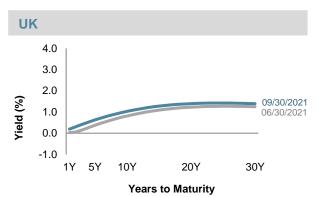
Short- and intermediate-term nominal interest rates were negative in Japan and Germany.

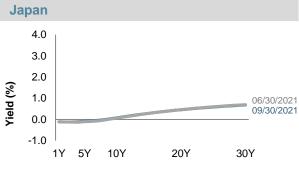
	1Y	5Y	10Y	20Y	30Y
US	-1.0	11.9	7.6	2.7	1.0
UK	16.7	25.2	21.6	16.6	14.4
Germany	-2.7	2.3	3.6	-0.8	0.2
Japan	-0.1	2.0	1.2	-0.3	-1.8
Canada	5.4	11.2	10.7	16.5	16.8
Australia	8.3	-0.6	-1.2	6.7	8.1











Years to Maturity

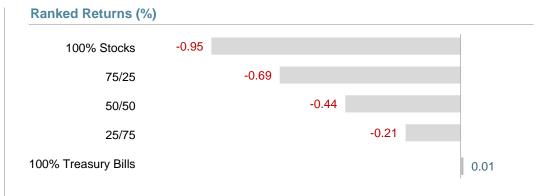


Ņ

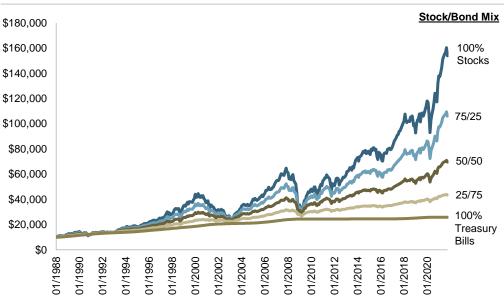
Impact of Diversification

Third Quarter 2021

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 2021, all rights reserved. Treasury bills © Stocks, Bonds, Bills, and Inflation Yearbook[™], 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 STDEV ¹
100% Stocks	11.49	27.98	13.14	13.77	12.50	13.46
75/25	8.57	20.59	10.34	10.68	9.58	10.09
50/50	5.68	13.47	7.38	7.53	6.61	6.72
25/75	2.83	6.62	4.28	4.31	3.60	3.35
100% Treasury Bills	0.02	0.04	1.05	1.05	0.55	0.23



The 50-Year Battle for a Better Way to Invest

Third Quarter 2021

David Booth Executive Chairman and Founder

Mac McQuown recruited me to help create the very first indexed portfolio in 1971. I was 24 years old and living in San Francisco, where more people my age were following the Grateful Dead than the stock market. The think tank Mac set up felt like a start-up, although it was long before anyone used that term. We were excited by the opportunity to turn academic research into a new way of investing. Many people thought we would fail. Some even called what we were trying to do "un-American."

But we didn't worry about the attacks; we focused on how indexing could improve the lives of investors. The fund offerings available at the time were actively managed portfolios that tried to outguess the market and were expensive, lacked diversification, and performed poorly. So-called star managers sold investors on their ability to win against the market; they sold products as opposed to solutions. Problem was, there was no compelling evidence they could reliably beat the market. We were confident that indexing—a highly diversified, low-cost investment solution that relied not on a manager's ability to pick winners but on the human ingenuity of hundreds or thousands of companies—would change lives for the better.

Fifty years later, \$9.1 trillion is invested in index mutual funds and exchange-traded funds (ETFs).¹ This represents 51% of the total \$17.9 trillion in equity ETFs and mutual funds. Six of the original academic consultants Mac hired to work on that first index fund

went on to win Nobel Prizes. I have worked with four of them at Dimensional.

When we started Dimensional in 1981, indexing was beginning to catch on. But the primary index used was the S&P 500, made up of 500 of the largest companies in America. My colleague Rex Sinquefield and I thought investors could be better served by adding small capitalization stocks to the mix, since they were underrepresented in portfolios and offered diversification and expected return benefits. We were the first to treat small cap companies as a separate asset category. It was an exciting idea, but it made many people nervous. An academic paper circulated that said the performance of small cap stocks couldn't be captured because of trading costs. Many academics, even those who worked with us, were skeptical that we could deliver on our big idea of creating a small cap strategy. (After 40 years of results, the skepticism about our ability to deliver has subsided.)

There was perceived risk in trading against professional investors who might take advantage of us with all their knowledge and experience. But we found a way to turn trading to our advantage: flexibility.

^{1.} Data obtained from Morningstar on July 6, 2021. The sample includes US-domiciled equity mutual funds and ETFs. Funds of funds and money market funds are excluded.



The 50-Year Battle for a Better Way to Invest

Third Quarter 2021

Flexibility is one of the key differences between index investing and Dimensional Investing and where so much of our innovation has taken place. Because we weren't beholden to tracking any particular index, we could harness the power of markets, even beat the indices. The protocols, systems, and teams we've developed as well as the experience we've accumulated—have shown to be applicable to a wide range of strategies, from fixed income to value to international investing.

So what happens next? Where will we be in 50 years? I've built a career in finance without making predictions, but I do believe that technological innovation is lowering barriers to entry for everyday investors and enabling greater personalization. In 1971, there was one index fund. In 1981, there was one small cap strategy. Today, investors have more access to customized portfolios than ever before.

Sitting down with a trusted advisor, investors can develop a plan and build a portfolio solution that gives them the best chance of having a good investment experience. For example, many people are interested in environmental, social, and governance (ESG) strategies, but ESG can mean different things to different people. So rather than choosing from what exists, new technology allows you to get exactly what you want.

For me, working in finance has always been about improving people's lives. We created indexing to improve upon stock picking. We created Dimensional to improve upon indexing. Each day we strive to help our clients in new and better ways. That's why I thought 1971 was the most exciting time to be in this business. Then, I thought 1981 was the most exciting time to be in this business. But the truth is, it's every day, as long as we're able to keep helping people in innovative ways.

Dimensional Fund Advisors LP is an investment advisor registered with the Securities and Exchange Commission.

Risks include loss of principal and fluctuating value. Investment value will fluctuate, and shares, when redeemed, may be worth more or less than original cost. Small and micro cap securities are subject to greater volatility than those in other asset categories.

John "Mac" McQuown is a member of the Board of Directors of the general partner of Dimensional Fund Advisors LP.

The information in this document is provided in good faith without any warranty and is intended for the recipient's background information only. It does not constitute investment advice, recommendation, or an offer of any services or products for sale and is not intended to provide a sufficient basis on which to make an investment decision. It is the responsibility of any persons wishing to make a purchase to inform themselves of and observe all applicable laws and regulations. Unauthorized copying, reproducing, duplicating, or transmitting of this document are strictly prohibited. Dimensional accepts no responsibility for loss arising from the use of the information contained herein.

[&]quot;Dimensional" refers to the Dimensional separate but affiliated entities generally, rather than to one particular entity. These entities are Dimensional Fund Advisors LP, Dimensional Fund Advisors Ltd., Dimensional Ireland Limited, DFA Australia Limited, Dimensional Fund Advisors Canada ULC, Dimensional Fund Advisors Pte. Ltd., Dimensional Japan Ltd., and Dimensional Hong Kong Limited. Dimensional Hong Kong Limited is licensed by the Securities and Futures Commission to conduct Type 1 (dealing in securities) regulated activities only and does not provide asset management services.