INVESTMENT SERVICES

QUARTERLY MARKET REVIEW

THIRD QUARTER 2021

Quarterly Market Review



Third Quarter 2021

After a strong start to the year, the stock market finally took a breather in the third quarter. The difficulty intensified in September, as concerns about inflation and supply chain disruptions caused concern among equity investors. As a result, indexes such as the Russell 2000 lost about 4% for the quarter and emerging markets lost over 8%.

On the fixed income side, interest rates rose a bit, but that didn't prevent bond investors from enjoying at least small gains for the quarter.

The job market continues to confound the experts. For months now, there have been far more jobs being offered than there have been takers for those jobs. Conventional wisdom posited that potential workers were content to stay at home as long as they continued to receive government stimulus checks. However, that assumption has proven to be false in the six weeks or so since the stimulus checks ended. Workers are continuing to stay away, which is causing employers to reasses working conditions and quality of life issues at their places of employment.

It will be interesting to see how employers respond in an effort to entice people back into the workforce in what we all hope will be a post-COVID world in the near future.

Warm regards,

Joury Reed

Tony Reed, CPA, CFP President

Overview:

Market Summary World Stock Market Performance World Asset Classes US Stocks International Developed Stocks Emerging Markets Stocks Real Estate Investment Trusts (REITs) Commodities Fixed Income

Quarterly Topic: The 50-Year Battle for a Better Way to Invest



Quarterly Market Summary

Index Returns

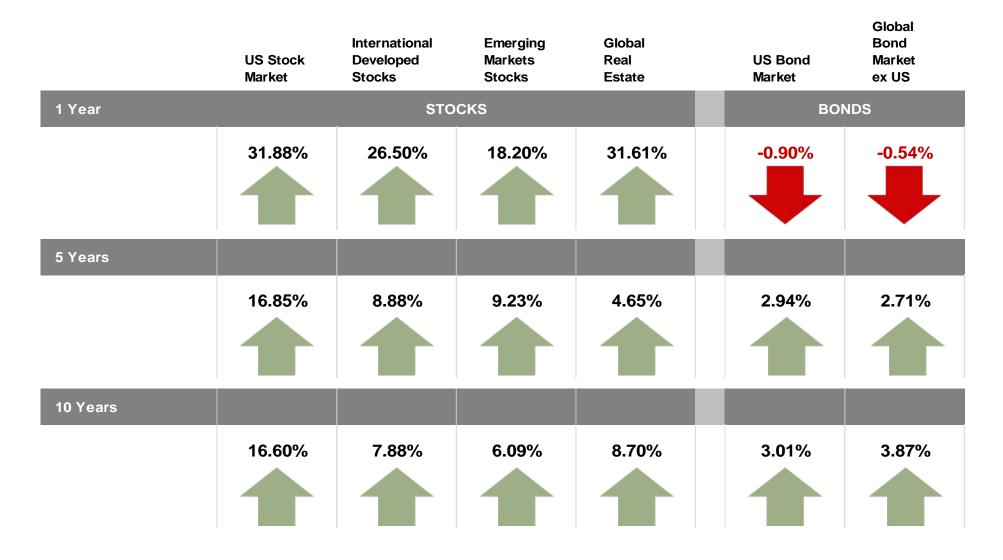
	US Stock Market	International Developed Stocks	5 5		US Bond Market	Global Bond Market ex US	
3Q 2021		STO	CKS		BONDS		
	-0.10%	-0.66%	-8.09%	-0.08%	0.05%	0.09%	
Since Jan. 2001							
Avg. Quarterly Return	2.4%	1.7%	2.9%	2.5%	1.1%	1.1%	
est	22.0%	25.9%	34.7%	32.3%	4.6%	4.6%	
Quarter	2020 Q2	2009 Q2	2009 Q2	2009 Q3	2001 Q3	2008 Q4	
Worst	-22.8%	-23.3%	-27.6%	-36.1%	-3.4%	-2.7%	
Quarter							

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Long-Term Market Summary

Index Returns as of September 30, 2021

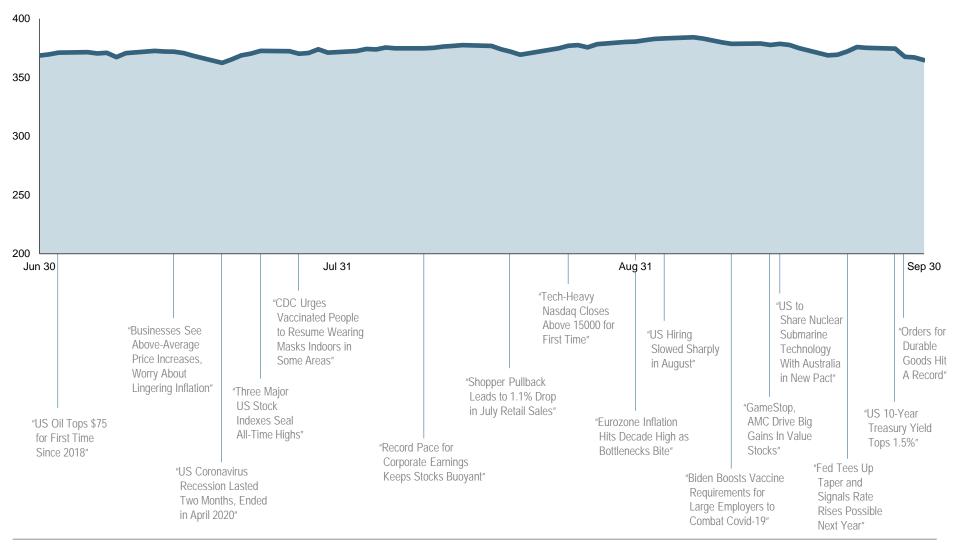


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World Stock Market Performance

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.

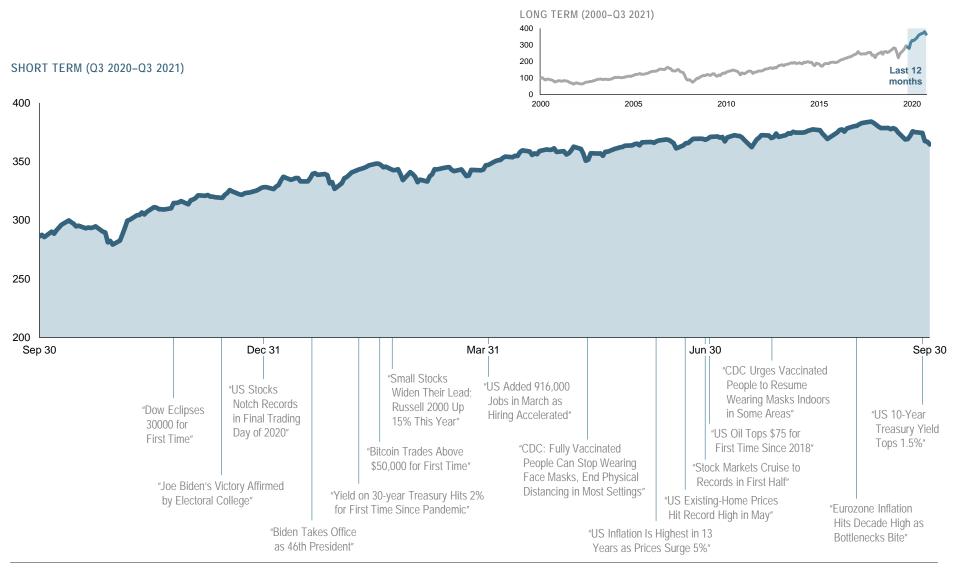
Graph Source: MSCI ACWI Index [net div.]. MSCI data © MSCI 2021, all rights reserved.

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.

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World Asset Classes

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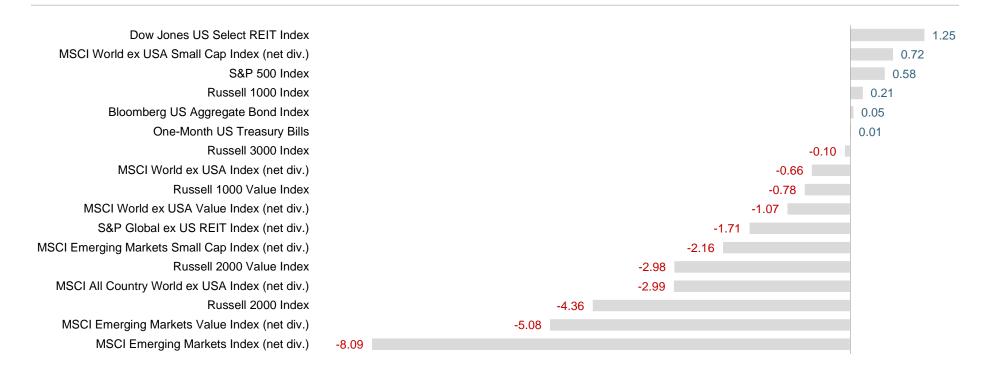
Third Quarter 2021 Index Returns (%)

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.



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US Stocks Third Quarter 2021 Index Returns

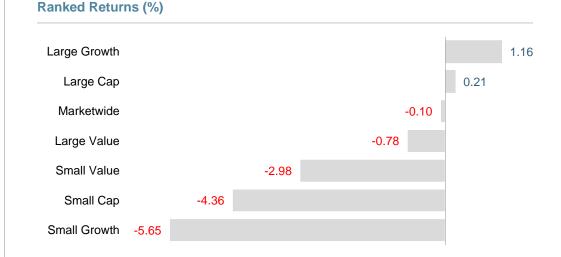


The US equity market was flat for the quarter and outperformed non-US developed markets and emerging markets.

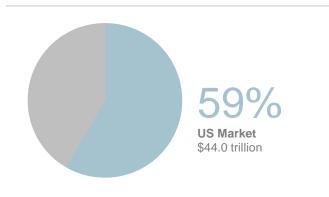
Value underperformed growth in large cap stocks but outperformed growth in small cap stocks.

Small caps underperformed large caps.

REIT indices outperformed equity market indices.



World Market Capitalization—US



ears
9.68
6.76
6.60
3.51
3.22
4.63
5.74

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* Annualized

International Developed Stocks

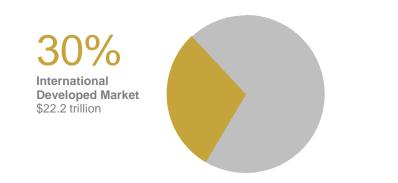
Third Quarter 2021 Index Returns

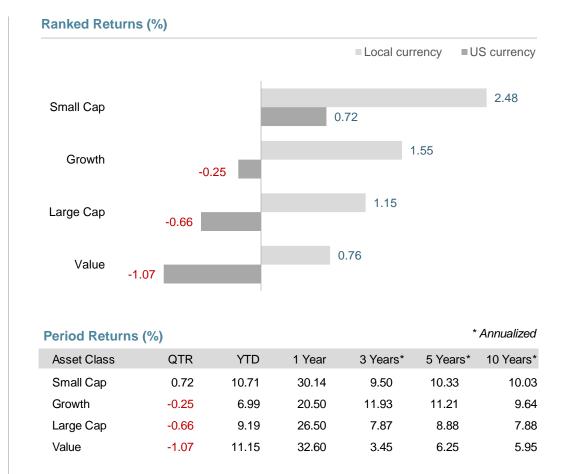
Developed markets outside the US declined less than 1% for the quarter and underperformed US equities but outperformed emerging markets.

Value underperformed growth.

Small caps outperformed large caps.







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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

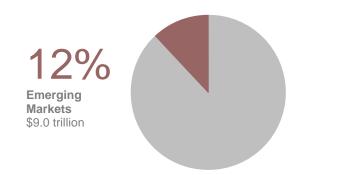
Third Quarter 2021 Index Returns

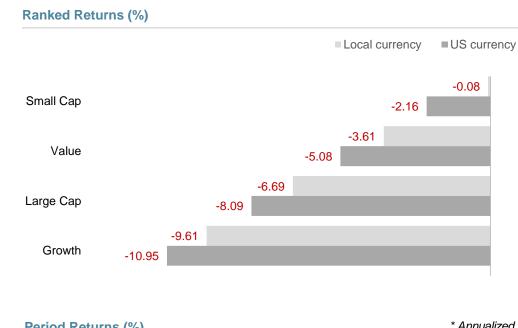
Emerging markets posted negative returns for the quarter, underperforming the US and non-US developed equity markets.

Value outperformed growth.

Small caps outperformed large caps.







, r	renoù Returns (%)						Annuanzeu
	Asset Class	QTR	YTD	1 Year	3 Years*	5 Years*	10 Years*
	Small Cap	-2.16	17.20	43.24	13.11	9.75	7.21
	Value	-5.08	4.43	28.43	4.77	6.87	3.79
	Large Cap	-8.09	-1.25	18.20	8.58	9.23	6.09
	Growth	-10.95	-6.46	9.28	12.15	11.36	8.23

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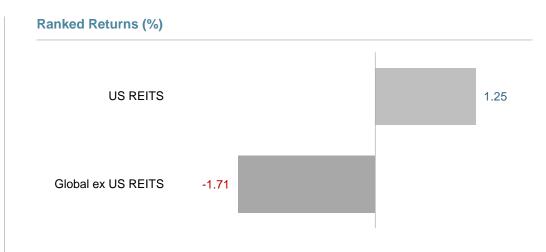
Real Estate Investment Trusts (REITs)



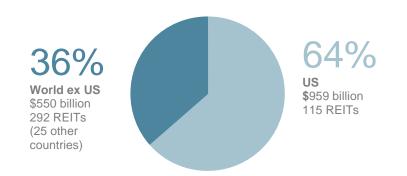
* Annualized

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

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Period Returns (%)

Commodities Third Quarter 2021 Index Returns



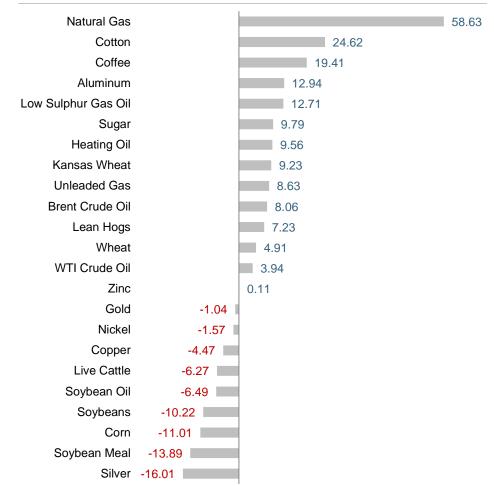
The Bloomberg Commodity Index Total Return returned 6.59% for the third quarter of 2021.

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.

Period Returns (%) * 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 (%)



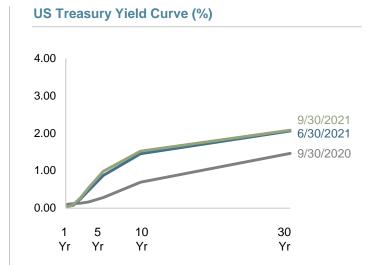


Interest rates in the US Treasury fixed income market generally increased during the third quarter. The yield on the 5-year Treasury note rose 12 basis points (bps), ending at 1.00%. The yield on the 10-year Treasury note increased 8 bps to 1.54%. The 30-year Treasury Bond yield rose 1 bp to finish at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

On the short end of the curve, the 1month Treasury bill yield increased 2 bps, ending at 0.07%, while the 1-year 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.

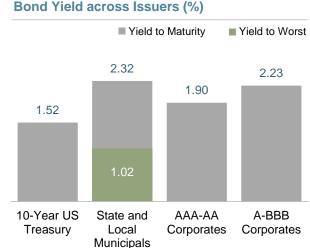


Period Returns (%)

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



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 exchangetraded 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.

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.

^{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

(continued from page 14)

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.

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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.

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