

# Quarterly Market Review Fourth Quarter 2021





# **Quarterly Market Review**

Fourth 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:

Market Commentary Market Summary World Stock Market Performance US Stocks International Developed Stocks Emerging Markets Stocks Country Returns Real Estate Investment Trusts (REITs) Commodities Fixed Income Global Fixed Income Impact of Diversification



# **Quarterly Market Commentary**

Fourth Quarter 2021 – January 18, 2022

As we begin the new year, let's talk about parts versus wholes. There's never a lack of noise coming from the moving parts that make up your whole portfolio, especially whichever ones are squeaking the loudest at any given time.

This is no surprise. To cope with information overload, we engage in what behavioral psychologists refer to as heuristics. These are rules of thumb, or mental shortcuts that take us past what seems inconsequential to our survival. They let us focus instead on the scariest snakes, and lowest-hanging fruit we can find.

In many ways, heuristic thinking has worked wonders for us; it still does. But as investors, we end up overreacting to the most exciting or alarming news and overlooking the less obvious evidence on how to create financial stamina.

Consider your quarterly reports in this context. In terms of fruitful investing, 2021 markets offered a bumper crop of seemingly easy pickings. Crediting "a highly speculative, risk-complacent market driven by a combination of near-zero interest rates, abundant capital and a healthy dose of hype," *Financial Post* columnist Tom Bradley summarized the year as follows: "[W]e're at a point in the business cycle when the disc jockey is playing Shout by the Isley Brothers and investors can't stop dancing."

 <u>The Wall Street Journal</u> observed how low rates and busy investors "helped the S&P 500 close at a record 70 times this year, more than one-quarter of all trading days ... and pushed the index up 27% in 2021."

- <u>Morningstar</u> reported that 2021 was also a banner year for companies going public, driven largely by SPACs going public at "more than 5 times the number from the year before."
- Traditional and thematic ETF launches were popular as well. <u>Morningstar</u> reported: "As of Nov. 24, a record 406 new exchange-traded funds were launched in 2021. The top 100 are the Swiss Army knives of the ETF world. ... [But] There were plenty of suspect newcomers in the crowd in 2021. A common thread among many of them is that they prey on investors' impulse to chase what's hot."
- From options trading, to IPOs, to tech stock bets, one aggressively active investment company president <u>declared</u> 2021 as "the year of the risk asset. ... Anywhere there was risk and an opportunity for larger returns, we saw that pay off in spades."

On the flip side, there's been no lack of attention to the ubiquitous snakes in the grass. Will inflation rage in 2022? What if the Federal Reserve fulfills its promise to wind down the economic stimulus programs—the ones that have left markets awash in cash—and aggressively raises interest rates instead? Will higher taxes happen? If so, how will they impact your financial, retirement, and estate transfer plans? What about coronavirus? Climate change? China?

If you're just looking at the parts, good and bad news alike seems equally difficult to process. You know each piece contributes to your overall plans ... but how?

That's where we come in. We're here to help you with the space found between the extremes of exuberant and alarming news. Our process begins with your financial plan and investment policy statement—tailored to your life's goals, your timeline, your tastes and aversions. Your plans plus an evidence-based strategy advise your structured, globally diversified investment portfolio.

We build your "whole" to deliver a measured balance of risks and rewards. Then we regularly revisit your plans and portfolio, to help you incorporate any relevant news and disregard the squeaky wheels.

Regards,

Ein Gutate

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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		
4Q 2021		STO	СКЅ		BOI	BONDS		
	9.28%	3.14%	-1.31%	12.35%	0.01%	0.07%		
Since Jan. 2001								
Average Quarterly Return	2.5%	1.7%	2.9%	2.7%	1.1%	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>	-3.4% <b>2021 Q1</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 dividends]), Emerging Markets (MSCI Emerging Markets Index [net dividends]), Global Real Estate (S&P Global REIT Index [net dividends]), 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 © 2022 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 2022, all rights reserved. Bloomberg data provided by Bloomberg.



# Long-Term Market Summary

Index Returns as of December 31, 2021

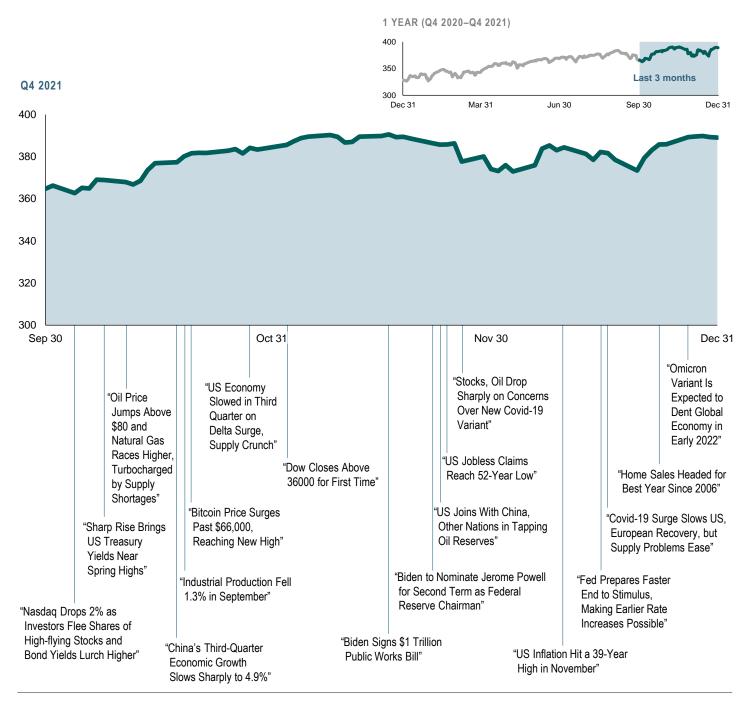
	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate	US Bond Market	Global Bond Market ex US
1 Year		STOC	скѕ		BO	NDS
	25.66%	12.62%	-2.54%	31.38%	-1.54%	-1.40%
5 Years						
	17.97%	9.63%	9.87%	8.25%	3.57%	3.11%
10 Years						
	16.30%	7.84%	5.49%	9.01%	2.90%	3.80%

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# World Stock Market Performance

MSCI All Country World Index with selected headlines from Q4 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.

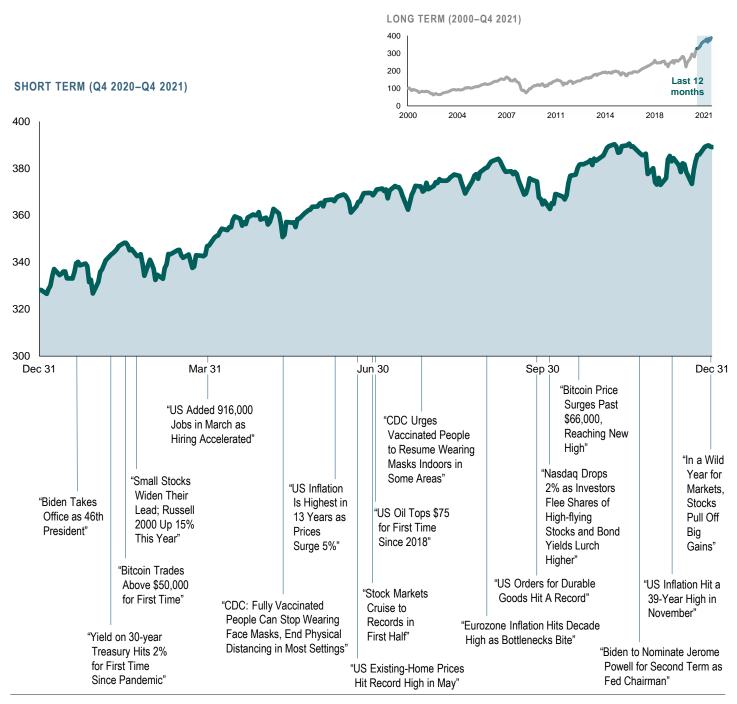
Graph Source: MSCI ACWI Index (net div.). MSCI data © MSCI 2022, all rights reserved.

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.

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.

Graph Source: MSCI ACWI Index (net div.). MSCI data © MSCI 2022, all rights reserved.



# **US Stocks**

Fourth Quarter 2021 Index Returns

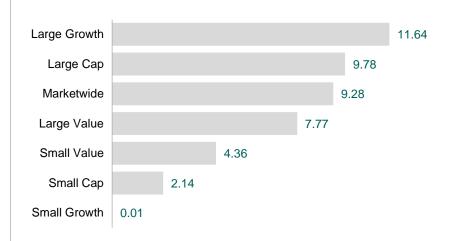
The US equity market posted positive returns for the year and outperformed non-US developed and emerging markets.

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

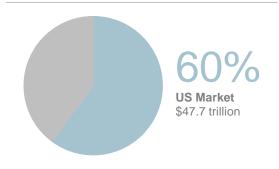
Small caps underperformed large caps.

REIT indices outperformed equity market indices.

### Ranked Returns (%)



### World Market Capitalization—US



### Period Returns (%)

i enou ivelu	1113 (70)				Annuanzeu
Asset Class	QTR	1 Year	3 Years*	5 Years*	10 Years*
Large Grow	th 11.64	27.60	34.08	25.32	19.79
Large Cap	9.78	26.45	26.21	18.43	16.54
Marketw ide	9.28	25.66	25.79	17.97	16.30
Large Value	e 7.77	25.16	17.64	11.16	12.97
Small Value	4.36	28.27	17.99	9.07	12.03
Small Cap	2.14	14.82	20.02	12.02	13.23
Small Grow	th 0.01	2.83	21.17	14.53	14.14

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 Value (Russell 1000 Value Index), Large Growth (Russell 1000 Growth Index), Small Cap (Russell 2000 Index), Small Value (Russell 2000 Value Index), and Small 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 2022, all rights reserved.

\* Annualized



# **International Developed Stocks**

Fourth Quarter 2021 Index Returns

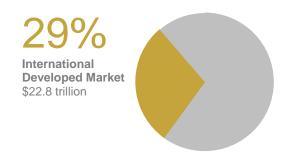
Developed markets outside the US posted positive returns for the year, underperforming US equities but outperforming emerging markets equities.

Value outperformed growth.

Small caps underperformed large caps.



### World Market Capitalization— **International Developed**



### Period Returns (%)

Period Returns (%) * Annualized							
QTR	1 Year	3 Years*	5 Years*	10 Years*			
4.27	11.57	19.11	13.37	9.66			
3.14	12.62	14.07	9.63	7.84			
1.91	13.26	8.66	5.69	5.83			
0.39	11.14	16.27	11.03	9.99			
	QTR 4.27 3.14 1.91	QTR 1 Year   4.27 11.57   3.14 12.62   1.91 13.26	QTR 1 Year 3 Years*   4.27 11.57 19.11   3.14 12.62 14.07   1.91 13.26 8.66	QTR 1 Year 3 Years* 5 Years*   4.27 11.57 19.11 13.37   3.14 12.62 14.07 9.63   1.91 13.26 8.66 5.69			

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 2022, 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**

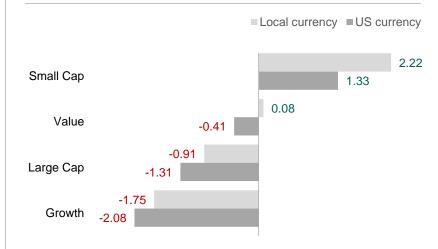
Fourth Quarter 2021 Index Returns

Emerging markets fell 2.5% for the year, underperforming both US and non-US developed equity markets.

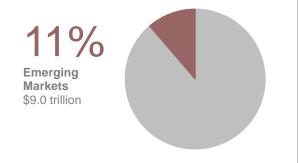
Value outperformed growth.

Small caps outperformed large caps.

### Ranked Returns (%)



### World Market Capitalization— Emerging Markets



### Period Returns (%)

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Asset Class	QTR	1 Year	3 Years*	5 Years*	10 Years*
Small Cap	1.33	18.75	16.46	11.47	7.42
Value	-0.41	4.00	7.08	7.02	3.31
Large Cap	-1.31	-2.54	10.94	9.87	5.49
Grow th	-2.08	-8.41	14.60	12.55	7.52

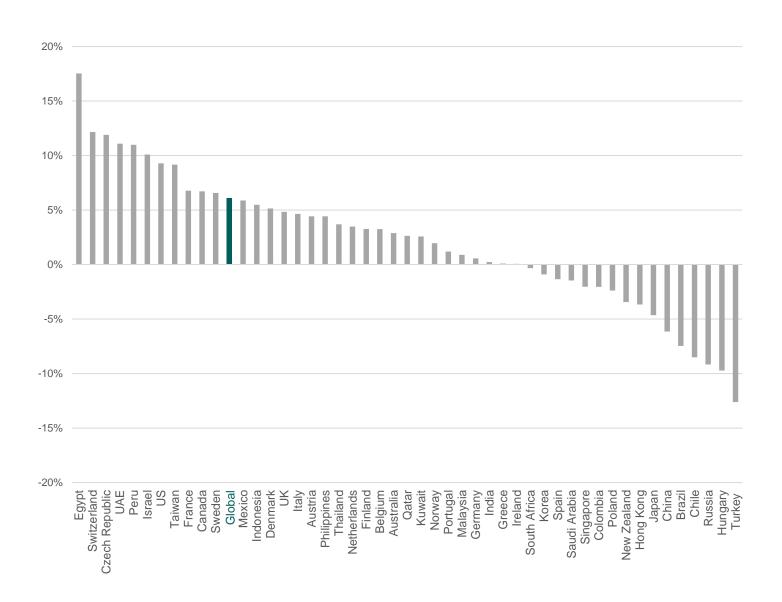
Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Market segment (index representation) as follows: Large Cap (MSCI Emerging Markets Index), Small 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 2022, all rights reserved. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes.

\* Annualized



# **Country Returns**

Fourth Quarter 2021 Index Returns



Past performance is no guarantee of future results.

Country returns are the country component indices of the MSCI All Country World IMI Index for all countries except the United States, where the Russell 3000 Index is used instead. Global is the return of the MSCI All Country World IMI Index. MSCI index returns are net dividend. Indices are not available for direct investment. Their performance does not reflect the expenses associated with the management of an actual portfolio. Frank Russell Company is the source and owner of the trademarks, service marks and copyrights related to the Russell Indexes. MSCI data © MSCI 2022, all rights reserved.



# Real Estate Investment Trusts (REITs)

Fourth Quarter 2021 Index Returns

**Ranked Returns (%)** US real estate investment trusts outperformed non-US REITs during the year. US REITS 17.22 Global ex US REITS 4.54 **Total Value of REIT Stocks** \* Annualized **Period Returns (%)** 3 Years\* 5 Years\* 10 Years\* Asset Class QTR 1 Year 33% US REITS 17.22 45.91 16.84 9.65 10.7 World ex US Global ex US REITS 4.54 12.70 7.79 6.04 7.17 \$574 billion 290 REITs (25 other countries) 67% US

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 © 2022 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved.

\$1,139 billion 115 REITs



# Commodities

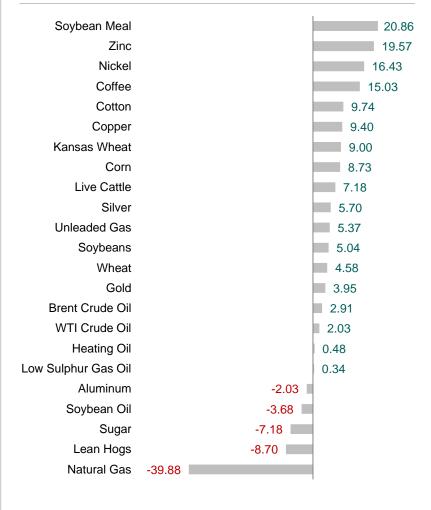
Fourth Quarter 2021 Index Returns

The Bloomberg Commodity Index Total Return returned -1.56% for the fourth quarter of 2021.

Soybean Meal and Zinc were the best performers, advancing 20.86% and 19.57%, respectively.

Natural Gas and Lean Hogs were the worst performers, declining 39.88% and 8.70%, respectively.

### Ranked Returns (%)



F	Period Returns (%)				*,	Annualized
	Asset Class	QTR	1 Year	3 Years*	5 Years*	10 Years*
	Commodities	-1.56	27.11	9.86	3.66	-2.85

Past performance is not a guarantee of future results. Index is not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Commodities returns represent the return of the Bloomberg Commodity Total Return Index. Individual commodities are sub-index values of the Bloomberg Commodity Total Return Index. Data provided by Bloomberg.



# **Fixed Income**

Fourth Quarter 2021 Index Returns

Interest rate movements in the US Treasury fixed income market were mixed during the fourth quarter. The yield on the 5-year US Treasury note increased 28 basis points (bps) to 1.26%. The yield on the 10-year US Treasury note remained unchanged at 1.52%. The 30-year US Treasury bond yield decreased 18 bps to 1.90%.

On the short end of the yield curve, the 1-month US Treasury bill yield decreased 1 basis point, ending at 0.06%, while the 1-year US Treasury bill yield increased 30 bps to 0.39%. The 2-year US Treasury note yield increased 45 bps to 0.73%.

In terms of total returns, short-term corporate bonds lost 0.68%. Intermediate-term corporate bonds declined 0.56%.

The total return for short-term municipal bonds was -0.05%, while intermediate-term municipal bonds gained 0.27%. Revenue bonds performed in line with general obligation bonds.

# $\begin{array}{c} 4.00 \\ 3.00 \\ 2.00 \\ 1.00 \\ 0.00 \\ 1Y \\ 5Y \\ 10Y \\ 30Y \end{array}$

**US Treasury Yield Curve (%)** 



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

Asset Class	QTR	1 Year	3 Years*	5 Years*	10 Years*
Bloomberg US Government Bond Index Long	3.05	-4.57	8.78	6.53	4.53
Bloomberg US TIPS Index	2.36	5.96	8.44	5.34	3.09
Bloomberg Municipal Bond Index	0.72	1.52	4.73	4.17	3.72
Bloomberg US High Yield Corporate Bond Index	0.71	5.28	8.83	6.30	6.83
Bloomberg US Aggregate Bond Index	0.01	-1.54	4.79	3.57	2.90
ICE BofA US 3-Month Treasury Bill Index	0.01	0.05	0.99	1.14	0.63
ICE BofA 1-Year US Treasury Note Index	-0.18	-0.07	1.55	1.42	0.86
FTSE World Government Bond Index 1-5 Years (hedged to USD)	-0.52	-0.80	2.07	1.89	1.66
FTSE World Government Bond Index 1-5 Years	-1.41	-4.43	1.38	1.79	-0.33

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 ICE BofA 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 © 2022 FTSE Fixed Income LLC, all rights reserved. ICE BofA index data © 2022 ICE Data Indices, LLC. S&P data © 2022 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved.

\*Annualized



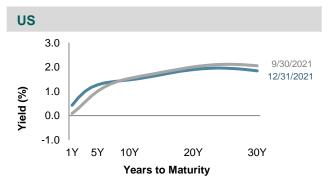
# **Global Fixed Income**

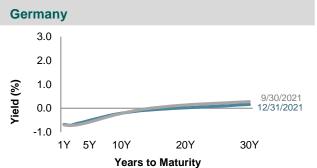
Fourth Quarter 2021 Yield Curves

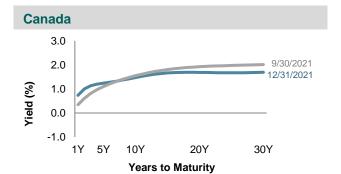
Government bond yield movements in the global developed markets were mixed for the quarter. Interest rates in many global developed markets increased along the shorter end but decreased along the longer end of their respective curves.

Term premiums were mixed in developed markets. Long-term bonds were generally the best performers, and intermediate-term bonds were generally the worst performers.

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

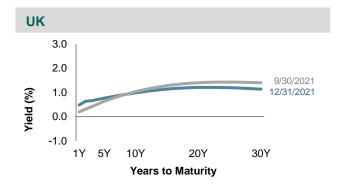


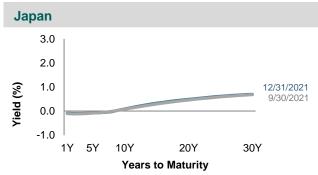


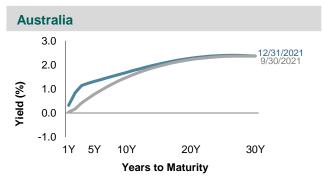


### Changes in Yields (bps) since 9/30/2021

	1Y	5Y	10Y	20Y	30Y
US	33.3	26.5	-6.0	-10.8	-20.8
UK	28.9	13.3	-5.1	-19.2	-26.4
Germany	2.2	7.3	0.8	-12.1	-12.0
Japan	2.1	0.1	1.2	3.3	1.8
Canada	39.3	14.0	-7.4	-23.6	-32.0
Australia	28.3	53.6	20.6	5.7	1.0







One basis point (bps) equals 0.01%. Source: ICE BofA government yield. ICE BofA index data © 2022 ICE Data Indices, LLC.



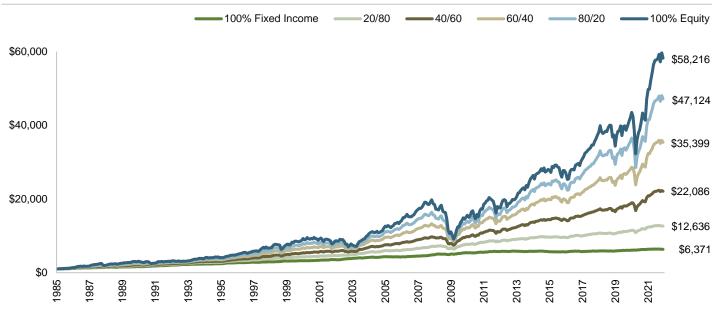
# Impact of Diversification

As of November 30, 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.

Period Returns (%)					* An	nualized
Dimensional Core Plus Wealth Index Model	3 Months	1 Year	3 Years*	5 Years*	10 Years*	10-Year STDEV <sup>1</sup>
100% Equity	-1.78	23.54	15.92	14.01	12.71	14.06
80/20	-1.65	18.55	14.51	12.50	11.57	11.73
60/40	-1.54	13.35	12.61	10.53	9.76	9.04
40/60	-1.43	8.37	9.15	7.57	7.17	6.12
20/80	-1.67	3.23	5.98	4.87	4.05	3.71
100% Fixed Income	-1.02	0.33	2.65	2.08	1.04	1.72

### 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. For illustrative purposes only. Past performance is no guarantee of future results. The performance reflects the growth of a hypothetical \$10,000. Assumes all models have been rebalanced monthly. See appendix for allocation information. All performance results are based on performance of indexes with model/back-tested asset allocations; the performance was achieved with the benefit of hindsight; it does not represent actual investment strategies. The index models are unmanaged and the model's performance does not reflect advisory fees or other expenses associated with the management of an actual portfolio. In particular, Model performance may not reflect the impact that economic and market factors may have had on the advisor's decision making if the advisor were actually managing client money. The models are not recommendations for an actual allocation. Indices are not available for direct investment. Backtested performance results assume the reinvestment of dividends and capital gains. Sources: Dimensional Fund Advisors LP for Dimensional Indices. Copyright 2022 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved.