## FOSTER\&WOOD

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Quarterly Market Review Second Quarter 2023

## 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 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Q2 2023 | STOCKS |  |  |  | BONDS |  |
|  | $8.39 \%$ |  | $0.90 \%$ |  | $-0.84 \%$ | $0.73 \%$ |


| Since Jan. 2001 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Average Quarterly Return | 2.3\% | 1.5\% | 2.5\% | 2.2\% | 0.9\% | 0.9\% |
| Best Quarter | 22.0\% | 25.9\% | 34.7\% | 32.3\% | 4.6\% | 4.6\% |
|  | 2020 Q2 | 2009 Q2 | 2009 Q2 | 2009 Q3 | 2001 Q3 | 2008 Q4 |
| Worst Quarter | -22.8\% | -23.3\% | -27.6\% | -36.1\% | -5.9\% | -4.1\% |
|  | 2008 Q4 | 2020 Q1 | 2008 Q4 | 2008 Q4 | 2022 Q1 | 2022 Q1 |

## Long-Term Market Summary

## Index returns as of June 30, 2023

|  | US Stock Market | International Developed Stocks | Emerging Markets Stocks | Global Real Estate | US Bond Market | Global Bond <br> Market ex US |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 Year | STOCKS |  |  |  | BONDS |  |
|  | $18.95 \%$ |  | $1.75 \%$ | -3.02\% | $-0.94 \%$ | $1.51 \%$ |


| 5 Years |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $11.39 \%$ | $4.58 \%$ | $0.93 \%$ | $1.35 \%$ | $0.77 \%$ | $0.95 \%$ |  |
|  |  |  |  |  |  |  |  |

## 10 Years

## World Stock Market Performance

MSCI All Country World Index with selected headlines from Q2 2023


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.

## World Stock Market Performance

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

SHORT TERM (Q3 2022-Q2 2023)
LONG TERM (2000-Q2 2023)



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.

## US Stocks

## Second quarter 2023 index returns

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

Value underperformed growth.
Small caps underperformed large caps.
REIT indices underperformed equity market indices.

World Market Capitalization-US


Ranked Returns (\%)


Period Returns (\%)

|  |  |  | Annualized |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Asset Class | QTR | YTD | 1 Year | 3 Years | 5 Years | 10 Years |
| Large Growth | 12.81 | 29.02 | 27.11 | 13.73 | 15.14 | 15.74 |
| Large Cap | 8.58 | 16.68 | 19.36 | 14.09 | 11.92 | 12.64 |
| Marketwide | 8.39 | 16.17 | 18.95 | 13.89 | 11.39 | 12.34 |
| Small Growth | 7.05 | 13.55 | 18.53 | 6.10 | 4.22 | 8.83 |
| Small Cap | 5.21 | 8.09 | 12.31 | 10.82 | 4.21 | 8.26 |
| Large Value | 4.07 | 5.12 | 11.54 | 14.30 | 8.11 | 9.22 |
| Small Value | 3.18 | 2.50 | 6.01 | 15.43 | 3.54 | 7.29 |

## International Developed Stocks

## Second quarter 2023 index returns

Developed markets outside of the US posted positive returns for the quarter and underperformed the US market, but outperformed emerging markets.

Value outperformed growth.
Small caps underperformed large caps.

World Market CapitalizationInternational Developed


International Developed Market \$20.0 trillion

Ranked Returns (\%)


Period Returns (\%)

|  |  |  | Annualized |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Asset Class | QTR | YTD | 1 Year | 3 Years | 5 Years | 10 Years |
| Value | 3.12 | 8.92 | 15.49 | 12.07 | 3.24 | 4.25 |
| Large Cap | 3.03 | 11.29 | 17.41 | 9.30 | 4.58 | 5.40 |
| Growth | 2.96 | 13.76 | 19.4 | 6.24 | 5.46 | 6.28 |
| Small Cap | 0.49 | 5.50 | 10.05 | 6.42 | 1.83 | 5.97 |

## Emerging Markets Stocks

## Second quarter 2023 index returns

## Emerging markets posted positive returns for the quarter and underperformed both US and non-US developed markets.

Value outperformed growth.
Small caps outperformed large caps.

World Market CapitalizationEmerging Markets


Emerging Markets \$7.8 trillion

Ranked Returns (\%)


Period Returns (\%)

|  |  |  | Annualized |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Asset Class | QTR | YTD | 1 Year | 3 Years | 5 Years | 10 Years |
| Small Cap | 6.39 | 10.50 | 13.28 | 13.72 | 4.93 | 4.63 |
| Value | 2.53 | 6.53 | 4.13 | 6.27 | 1.22 | 1.99 |
| Large Cap | 0.90 | 4.89 | 1.75 | 2.32 | 0.93 | 2.95 |
| Growth | -0.65 | 3.32 | -0.45 | -1.36 | 0.53 | 3.79 |

# Real Estate Investment Trusts (REITs) 

Second quarter 2023 index returns

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

Total Value of REIT Stocks



Ranked Returns (\%)
US REITS

Period Returns (\%)

|  |  |  | Annualized |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Asset Class | QTR | YTD | 1 Year | 3 Years | 5 Years | 10 Years |
| US REITS | 2.92 | 5.77 | -0.69 | 9.17 | 3.28 | 5.75 |
| Global ex US REITS | -2.98 | -3.85 | -7.02 | 0.31 | -2.61 | 1.36 |

## Fixed Income

## Second quarter 2023 index returns

Interest rates increased across all bond maturities in the US Treasury market for the quarter.

On the short end of the yield curve, the 1-Month US Treasury Bill yield increased 50 basis points (bps) to 5.24\%, while the 1-Year US Treasury Bill yield increased 76 bps to $5.40 \%$. The yield on the 2-Year US Treasury Note increased 81 bps to $4.87 \%$.

The yield on the 5-Year US Treasury Note increased 53 bps to $4.13 \%$. The yield on the 10-Year US Treasury Note increased 33 bps to $3.81 \%$. The yield on the 30Year US Treasury Bond increased 18 bps to $3.85 \%$.

In terms of total returns, short-term US treasury bonds returned $-0.90 \%$ while intermediate-term US treasury bonds returned $-1.15 \%$. Short-term corporate bonds returned $+0.07 \%$ and intermediate-term corporate bonds returned $-0.16 \%$. ${ }^{1}$

The total returns for short- and intermediate-term municipal bonds were $-0.37 \%$ and $-0.72 \%$, respectively. Within the municipal fixed income market, general obligation bonds returned $-0.41 \%$ while revenue bonds returned $+0.04 \%{ }^{2}$

US Treasury Yield Curve (\%)


Bond Yields Across Issuers (\%)


## Period Returns (\%)



# Let the Compounding Commence! 

## Second quarter 2023 <br> David Booth, Executive Chairman and Founder, Dimensional Fund Advisors

Every year, families and friends celebrate students who are graduating from colleges and universities. Parents beam with pride at their children's accomplishments and exhale in relief now that the tuition bills have finally stopped. It's a time when adults give a lot of advice, which is why I have one simple idea I want to pass along to this year's graduating class that I hope you never forget. Parents, take note too, because with college out of the way, you can get back to focusing on retirement.

Let the compounding begin!
In case you didn't come across this idea in an econ class, let me explain compounding simply. It's the process by which the value of an investment increases over time as earnings or interest are reinvested. It's the snowball effect but with money. Here's an example.

If you're a US investor and lucky enough to have up to $\$ 35,000$ left over in your 529 college savings plan, you can roll it over into a Roth IRA starting in 2024, provided the account has been open at least 15 years. ${ }^{1}$ If you don't touch that $\$ 35,000$ for 50 years, and the market averages a $10 \%$ annualized return,
which is close to its long-term historical average, then guess how much you'll have? ${ }^{2}$
A. $\$ 1,584,074$
B. $\$ 2,551,167$
C. $\$ 4,108,680$

The answer is C . Over $\$ 4.1$ million!
If you were to start this in your mid-20s and invest that same initial amount for only 45 years, you'd end up with B, or $\$ 2.6$ million. That's great, but not as great as C .

If you do it for 40 years, you'll end up with $A$, or $\$ 1.6$ million. Also good, but, you know, not C.

Another benefit of compounding is that it can help you pursue financial goals along the way, like making a down payment on a home. But don't worry if you spent your whole college fund or took out student loans. Start with a little and get in the habit of adding when you can. As you can see from this snowballing, having a lot of time can help make up for not having a lot of money.

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# Let the Compounding Commence! 

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In addition to increasing the value of your investments, compounding can also be a valuable force in life. For example, you've made an investment in time and money over the last few years that may have an enormous effect on the rest of your life. How much money are we talking about? College graduates, on average, earn $84 \%$ more than those with a high-school education, and that adds up to an extra $\$ 1.2$ million over a lifetime. ${ }^{3}$ Parents, I hope you're feeling a little better about your investment too.

But it's more than just money. When you get to be like me, someone who graduated from college more than 50 years ago, you see that you are the result of the compounding of your life's decisions, both good and bad. It's hard to quantify exactly, but it's sure there. For example, in graduate school, I decided I didn't
want to be a professor. That one decision continues to have a profound impact on the rest of my life. Instead, I started a company with the people I met in graduate school. Four decades later, l'm still working with some of them. I even got to go watch my former professor and current colleague Eugene Fama receive a Nobel Prize in Economic Sciences. That was not on my bingo card when I graduated from college. Life is full of surprises, and many of them can come from how your decisions compound over decades.

So, start rolling your snowball, both in life and in investing. Let the compounding commence!

[^0]Investments involve risks. The investment return and principal value of an investment may fluctuate so that an investor's shares, when redeemed, may be worth more or less than their original value. Past performance is not a guarantee of future results. There is no guarantee strategies will be successful.
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[^0]:    3. "How Does a College Degree Improve Graduates' Employment and Earnings Potential?", Association of Public and Land-Grant Universities.
