JULY 2022 MARKET RECAP

written by Andrew Murphy, Co-Chief Investment Officer

The equity market staged an impressive rebound in July as the S&P 500 increased by +9.2%, the strongest monthly return since November 2020 and the fifth best overall in the last twenty years. Despite the strong monthly return, the market is still down by -12.6% year-to-date. The S&P 500 is also still in the technical definition a bear market (a decline of -20% on a closing basis without a subsequent +20% increase) after the index fell by -23.0% from January 3rd through June 16th.Since the June 16th bottom, the market is higher by +12.8%.

Although volatility has been head spinning this year, we believe the environment is another example of why investors should maintain a long-term viewpoint. We constantly remind our clients that market volatility is quite common and it should not trigger emotional decision making that can be value destructive to long-term financial plans. From 1928 to 2021, the S&P produced a total annualized return of +9.7% with an average annual peak-to-trough decline of about -15%. While 2022 has been a difficult year thus far for financial markets, this kind of volatility is not unusual. Please see our **Client Question titled Market Timing Does Not Work**.

- Market Cap: Mid (+10.9%) outperformed Small (+10.4%) and Large (+9.2%) Caps.
- Style: Growth (Russell 1000 Growth: +12.0%) exceeded Value (Russell 1000 Value: +6.6%).
- Sector: All eleven sectors were positive in the month with Consumer Discretionary (+18.9%) and Technology (+13.5%) as the top performers and Health Care (+3.3%) and Consumer Staples (+3.3%) as the laggards.

While we are pleased with the market rebound over the last six weeks, we expect more volatility rather than a quick ascent to new all-time highs. The primary risks causing the market turmoil still remain, including, fears over the Fed tightening monetary policy, increased inflation expectations, the Russia/Ukrainian war, and covid induced shutdowns in China. While the short-term environment is unsteady, we believe that for the market to reach a sustainable bottom, Fed tightening expectations need to soften, ideally through signs of disinflation. Over the long-term, we continue to suspect this difficult economic environment has created a strong buying opportunity for investors willing to live with some short-term discomfort. We believe those who are able to either stay invested, rebalance, or add to their existing holdings will eventually be rewarded.

We are sticking with our investment philosophy of maintaining a long-term viewpoint as the present environment is very volatile and fluid. Given all the uncertainty, we are maintaining a disciplined approach while continuing to look for opportunities to tax loss harvest, reposition and rebalance portfolios, and selectively put money to work for clients that have recently made contributions to their accounts. We did take the opportunity to reposition many portfolios by increasing the equity percentage when the S&P 500 fell close to bear market territory. This was not an attempt to call the bottom, but rather to take advantage of a significant decline by rebalancing for long-term investors. We expect to have more opportunities to rebalance over the next several months as our base case is that volatility will continue.

The markets have several major events over the next month, including, any update on the Russia/Ukrainian War and China lockdowns, the July Employment Report (6/3), CPI Inflation (7/10), Federal Reserve Jackson Hole Economic Symposium (8/25 – 27), and PCE Inflation (8/26).

- <u>Market Timing Does Not Work</u>
- Sell in May and Go Away?
- Market Performance During Fed Tightening Cycles
- Market Reaction to Geopolitical Events
- <u>Stagflation</u>

Fixed Income Market

The Bloomberg Barclays US Aggregate Bond index (Agg), which acts as a proxy for the investmentgrade bond market, also produced solid returns with an increase of +2.4% in July, the best monthly gain since August 2019. The bond market is still down by -8.2% year-to-date.The decline in the bond market this year was driven by an increase in interest rates (bond prices move inversely to yields). The 10-Year Treasury has increased from 1.51% at the start of the year to 2.65% currently.

We hold fixed income with the goal of providing **ballast**, **stability**, and **income** to portfolios. Bonds have not provided ballast for most of the year as interest rates have increased, but we expect the negative correlation between stocks and bonds to return in the future once yields level out. We will also point out 10-Year Treasury yield peaked this year at 3.47% on June 14th before declining to the current level of 2.65%.Over that period the Agg index increased by +5.1%.

The increase in interest rates has also driven the yield to maturity of various bond indices to their highest levels in years. Yield to maturity is defined as the estimated rate of return an investor can expect on a bond if purchased today and held to maturity, assuming the issuer makes all of the interest and principal payments (no defaults). The yield to maturity on the US Aggregate Bond index increased to 3.4% at the end of the quarter.

Monetary Policy

The Fed has now firmly admitted that inflation is a problem and that they will tighten monetary policy to attempt to bring it under control. The Fed will tighten monetary policy and overall financial conditions by raising interest rates and shrinking the size of their balance sheet. The Fed's actions are designed to remove liquidity from the financial system to decrease overall demand for goods and services. A simple definition of inflation is, "too much money chasing too few goods." The Fed is about to shrink the amount of money available.

Interest Rates: After raising interest rates by an uncommonly large 0.75% each at the June 15th and July 27th meetings, the top-end of the federal funds rate now stands at 2.50%. Thus far in 2022, the FOMC has raised interest rates by 2.25%, including by 1.50% over the last six weeks. At the latest press conference, Fed Chair Powell stated that going forward, "it likely will become appropriate to slow the pace of increases while we assess how our cumulative policy adjustments are affecting the economy and inflation. "The takeaway is that while the Fed will likely raise rates further, future increases will either be 0.50% or 0.25%.

Balance Sheet: The Fed is also beginning to reduce the size of their nearly \$9 trillion balance sheet. The runoff plan started in June and will ramp up to monthly caps of about \$60 billion for Treasuries and \$35 billion for agency mortgage-backed securities. The monthly reduction of about \$95 billion will be larger than the \$50 billion per month pace that was used during the 2017-2019 runoff plan. At the current runoff rate, it will take over 4 years for the Fed's balance sheet to decrease to its prepandemic size.

A key question facing the markets and economy is: how high does the Fed need to raise interest rates before there are definite signs of disinflation? If inflation moderates quickly, the FOMC will not have to raise rates much further than current levels, and the greater the chance the economy can achieve the "soft-ish" landing (only a mild slowdown or recession) that the Fed is aiming for .If inflation remains persistent, the FOMC will be forced to raise rates much further than current levels, and the economy faces a higher risk of a "hard landing" (severe recession). The Fed's latest Summary of Economic Projections signal a peak federal funds rate of 3.8% by December 2023 while the market has priced in a top rate of 3.3% by December 2022. The situation is dynamic, but we will receive more clarity on where inflation, interest rates, and the economy are headed over the next several weeks as more data is available.

Inflation

The increase in inflation is driven primarily by supply chain bottlenecks, surging energy prices, strong consumer demand caused by a solid labor market, and massive amounts of stimulus.

The Fed's preferred inflation measure (Core PCE inflation) increased by +4.8% Y/Y in June, well above the target of about 2%, but below the recent peak of +5.3% in February. While inflation may be near peak levels, the key will be how long it takes for disinflation to set in and the growth rate to move back toward 2%. The Fed would very much appreciate a strong period of disinflation, allowing them to slowdown the pace of tightening. We will need to wait at least a few months for this evidence. The latest FOMC projections show inflation ending the year at +4.3% before falling to +2.7% in 2023 and +2.3% in 2024.

We are still trying to combat the current rise in inflation by holding little cash in portfolios, avoiding long-term bonds, and overweighting equities of companies that are able to grow their cash flows, earnings, and dividends.

Economic Data

Our view is that the that the economy is slowing from the post-pandemic boom due to fading stimulus, rising inflation, Fed tightening, and surging commodity prices. The current period is best characterized by high inflation and a lot of uncertainty caused by Fed tightening expectations, the Russia/Ukraine War, and China's covid lockdowns.

After increasing by +5.7% in 2021, Real GDP Growth is estimated at +2.0% in 2022 and +1.3% in 2023. Economic growth estimates have been decreasing over the past several weeks as economic indicators, consumer spending, and the housing market have all weakened while inflation has stayed elevated. The labor market continues to show signs of strength, but we do expect the unemployment rate to tick up over the next few months as several major firms have begun to announce hiring freezes or layoffs. The open question is whether the economy is headed for a slowdown/mild recession or a more severe contraction. Right now, we see a slowdown/mild recession as the most probable outcome.

Another open debate is whether the economy has already fallen into a recession. Real GDP increased by +6.9% in Q4 2021 before falling to -1.6% in Q1 2022 and -0.9% in Q2 2022. Many people define as a recession as two consecutive quarters of negative GDP. However, in the United States, the National Bureau of Economic Research (NBER) Business Cycle Dating Committee is charged with maintaining official records of expansions and recessions. The NBER defines a recession as a significant decline in economic activity, while an expansion is defined as a period where economic activity rises substantially. According to the NBER, since 1929 there have been 15 recessions in the US lasting an average of 13 months each.

In our opinion, the current environment likely achieves the NBER's definition of a recession, albeit a mild one for now. While the NBER does not view two consecutive negative quarters of GDP growth as a recession, the current period probably meets the test of a significant decline in economic activity. The NBER usually waits several months after the fact to announce the official start and end dates for recessions. Therefore, it is possible the United States is already in a recession that started in early 2022. Of course, not all recessions are created equal. The current period looks far better than past severe recessions like the Great Depression or Financial Crisis.

The bottom line is that whether the United States has reached the official definition of a recession is mostly just semantics, while there is no debate that the economy has slowed considerably.

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Our framework for navigating current conditions:

WINTHROP WEALTH

During periods of market volatility, we follow the same playbook and convey the same messages. At Winthrop Wealth, we believe the right mindset paired with a comprehensive financial plan and a thorough investment process can help provide confidence in working towards your long-term financial goals, especially during times of heightened market volatility.

The Right Mindset – Take a long-term viewpoint and avoid the impulse to market time

"Don't try to buy at the bottom and sell at the top. It can't be done - except by liars." Bernard Baruch

Market volatility is stressful and controlling your emotions during these periods is critical. Market timing decisions are often emotional rather than rational and data based. Making sudden large adjustments to portfolios can be value destructive over time and can be a major reason for poor investor performance. Our investment philosophy is, never time the market. Please see our **<u>Client Question titled Market Timing Does Not Work</u>**, where we discuss that: the stock market has historically gone up over time despite frequent drawdowns, the average investor underperforms due to market timing mistakes, and our belief in the benefit of a diversified portfolio and a long time horizon.

Financial Plan

"The Best way to measure your investing success is not by whether you're beating the market but by whether you've put in place a financial plan and behavioral discipline that are likely to get you where you want to go." Benjamin Graham

We believe financial planning drives the investment strategy and provides a roadmap to each client's unique goals and objectives. The comprehensive financial plan defines cash flow needs, optimizes account structures, considers tax mitigation strategies, and evaluates financial risks as circumstances and/or goals change.

We also stress test the financial plan for many different environments including extreme volatility and market declines. The financial plan does not assume perpetually strong markets and linear returns. Rather it assumes that your portfolio will go through periods of weakness throughout your investment time horizon. We often update financial plans during and after volatility to quantify the impact that the market decline had on the client's long-term goals and objectives. Since we account for market volatility and declines, the financial plan can be modified when these periods inevitably occur.

Investment Process

"Good times teach only bad lessons: that investing is easy, that you know its secrets, and that you needn't worry about risk. The most valuable lessons are learned in tough times." Howard Marks

Our investment management process is designed to provide well-diversified portfolios constructed with a methodology based on prudent risk management, asset allocation, and security selection. We help our clients navigate challenging markets by seeking to ensure their short-term cash flow needs are met while managing the rest of their investments in a globally diversified portfolio.

Market volatility can be used to our advantage by tax-loss harvesting or reallocating to more attractive securities:

- **Tax-loss Harvesting**: Tax-loss harvesting is achieved by selling an investment with a loss and immediately purchasing a different security with similar (but not identical) exposure. The loss on the sold security can be used to offset taxable gains. Since we simultaneously sell a security to capture a loss and purchase a different holding with similar exposure, the client is never out of the market. We can capture losses during declines, and if the market recovers the new position also recovers PLUS the client has a tax-loss to offset future gains. Please see our <u>Client</u> <u>Question on Tax Loss Harvesting</u>.
- Repositioning Portfolios: Repositioning portfolios means that we can increase the overall equity allocation and/or we can reallocate among various asset classes. During a market selloff, portfolio equity allocations often fall below their target levels. For example, assume a portfolio is invested to its target allocation of 60% equities and then the stock market declines -10%. The new allocation would be about 54% or -6% below the target level. We can use the market decline as an opportunity to buy stocks at lower prices to bring the allocation back to the 60% target level. Furthermore, we can rotate to the equity asset classes that have become more attractive (for equities, we allocate across regions, countries, market caps, factors, styles, sectors, and industries). Keep in mind, some of the best buying opportunities have historically occurred during periods of market turmoil.

MARKET RETURNS

					US Equity							
Index	July	2022	2021	2020	2019	2018		1-Year	3-Year	5-Year	10-Year	20-Year
S&P 500	9.22%	-12.59%	28.68%	18.39%	31.47%	-4.39%		-5.17%	12.82%	12.79%	13.72%	10.07%
Russell 3000	9.38%	-13.71%	25.64%	20.88%	31.01%	-5.25%		-7.89%	12.09%	12.14%	13.39%	10.14%
Dow Jones Industrial Average	6.82%	-8.60%	20.95%	9.72%	25.34%	-3.48%		-4.54%	8.73%	10.91%	12.24%	9.49%
Nasdaq	12.39%	-20.45%	22.21%	45.05%	36.74%	-2.81%		-15.52%	15.31%	15.31%	16.74%	12.97%
S&P 400	10.85%	-10.82%	24.73%	13.65%	26.17%	-11.10%		-5.82%	10.01%	9.02%	11.92%	10.69%
Russell 2000	10.44%	-15.45%	14.78%	19.93%	25.49%	-11.03%		-14.86%	7.60%	7.02%	10.45%	9.46%
Russell 1000 Growth	12.00%	-19.44%	27.59%	38.49%	36.39%	-1.51%		-12.58%	15.48%	16.21%	15.87%	11.32%
Russell 1000 Value	6.63%	-7.10%	25.12%	2.78%	26.52%	-8.28%		-1.83%	8.45%	8.28%	11.02%	8.80%
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International Equity												
MSCI Index	July	2022	2021	2020	2019	2018		1-Year	3-Year	5-Year	10-Year	20-Year
EAFE	4.98%	-15.56%	11.26%	7.82%	22.01%	-13.79%		-15.08%	2.86%	2.67%	5.88%	6.11%
Europe	4.66%	-21.75%	13.54%	7.89%	23.20%	-16.90%		-22.17%	0.81%	0.65%	6.02%	5.41%
Japan	5.70%	-15.72%	1.71%	14.48%	19.61%	-12.88%		-15.57%	2.85%	2.55%	6.64%	4.78%
China	-9.50%	-19.69%	-21.72%	29.49%	23.46%	-18.88%		-29.50%	-4.04%	-1.42%	4.55%	10.41%
Emerging Markets	-0.25%	-17.83%	-2.54%	18.31%	18.42%	-14.57%		-21.17%	0.62%	1.02%	2.96%	8.87%
ACWI ex US	3.42%	-15.63%	7.82%	10.65%	21.51%	-14.20%		-16.11%	2.63%	2.49%	5.12%	6.54%
				USI	Fixed Income	:						
Bloomberg Barclays Index	July	2022	2021	2020	2019	2018		1-Year	3-Year	5-Year	10-Year	20-Year
Aggregate	2.44%	-8.16%	-1.54%	7.51%	8.72%	0.01%		-8.98%	-0.17%	1.28%	1.68%	3.65%
Treasury Bills	0.08%	0.24%	0.04%	0.54%	2.21%	1.83%		0.26%	0.54%	1.06%	0.60%	1.18%
Corporates	3.24%	-11.61%	-1.04%	9.89%	14.54%	-2.51%		-12.45%	-0.07%	1.78%	2.72%	4.79%
Securitized MBS/ABS/CMBS	3.10%	-5.87%	-1.04%	4.18%	6.44%	0.99%		-6.69%	-0.45%	0.98%	1.49%	
High Yield	5.90%	-9.12%	5.28%	7.11%	14.32%	-2.08%		-8.00%	1.94%	3.06%	4.92%	7.74%
Munis	2.64%	-6.58%	1.52%	5.21%	7.54%	1.28%		-6.92%	0.45%	1.89%	2.49%	3.89%
Gold	-2.59%	-4.01%	-4.15%	24.81%	17.86%	-1.94%		-4.13%		6.33%	0.41%	#VALUE!
				US E	quity Sector	5						
Index	July	2022	2021	2020	2019	2018		1-Year	3-Year	5-Year	10-Year	20-Year
Technology	13.54%	-17.01%	34.52%	43.88%	50.27%	-0.30%		-5.59%	21.58%	22.11%	20.10%	14.16%
Real Estate	8.54%	-13.29%	46.14%	-2.17%	29.00%	-2.23%		-1.46%	9.49%	9.96%	8.28%	
Industrials	9.50%	-8.88%	21.10%	11.05%	29.32%	-13.32%		-6.21%	8.80%	8.66%	12.18%	9.22%
Energy	9.72%	44.44%	54.35%	-33.68%	11.81%	-18.10%		64.14%	14.38%	8.44%	4.70%	8.85%
Consumer Discretionary	18.94%	-20.10%	24.43%	33.30%	27.94%	0.82%		-12.78%	10.59%	13.18%	15.34%	11.39%
Communication Services	3.71%	-27.57%	21.57%	23.61%	32.69%	-12.53%		-29.28%	4.84%	5.69%	5.85%	8.10%
Consumer Staples	3.30%	-2.47%	18.63%	10.75%	27.61%	-8.39%		7.56%	10.47%	9.34%	10.74%	9.45%
Utilities	5.50%	4.92%	17.67%	0.52%	26.35%	4.11%		14.61%	10.62%	10.51%	10.74%	11.13%
Materials	6.14%	-12.86%	27.28%	20.73%	24.58%	-14.70%		-4.68%	12.27%	9.53%	10.62%	9.14%
Financials	7.21%	-12.86%	34.87%	-1.76%	32.09%	-13.04%		-6.67%	8.06%	8.43%	13.11%	5.35%
Health Care	3.32%	-5.29%	26.13%	13.45%	20.82%	6.47%		1.89%	14.91%	12.68%	15.08%	10.47%
	1		Calendar Y	ear Returns	•				Ani	nualized Retu	irns	

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DISCLOSURES:

The economic forecasts set forth in this material may not develop as predicted and there can be no guarantee that strategies promoted will be successful.

Content in this material is for general information only and not intended to provide specific advice or recommendations for any individual.

Financial planning is a tool intended to review your current financial situation, investment objectives and goals, and suggest potential planning ideas and concepts that may be of benefit. There is no guarantee that financial planning will help you reach your goals.

Rebalancing a portfolio may cause you to incur tax liabilities and/or transaction costs and does not assure a profit or protect against a loss.

Likewise, it is important to remember that no investment strategy assures success or protects against loss. Past performance is no guarantee of future results. Asset allocation does not ensure a profit or protect against loss. There is no guarantee that a diversified portfolio will enhance overall returns or outperform a non-diversified portfolio. Diversification does not protect against market risk. All investing involves risk which you should be prepared to bear.

This information is not intended to be a substitute for individualized tax advice. We suggest that you discuss your specific tax situation with a qualified tax advisor.

All indexes mentioned are unmanaged indexes which cannot be invested into directly. Unmanaged index returns do not reflect fees, expenses, or sales charges. Index performance is not indicative of the performance of any investment. Past performance is no guarantee of future results.

The Standard & Poor's 500 Index is a capitalization weighted index of 500 stocks designed to measure performance of the broad domestic economy through changes in the aggregate market value of 500 stocks representing all major industries.

major industries. The Russell 3000 Index is a market-capitalization-weighted equity index maintained by FTSE Russell that provides exposure to the entire U.S. stock market. The index tracks the performance of the 3,000 largest U.S.-traded stocks which represent about 98% of all U.S incorporated equity securities.

The NASDAQ Composite Index measures all NASDAQ domestic and non-U.S. based common stocks listed on The NASDAQ Stock Market. The market value, the last sale price multiplied by total shares outstanding, is calculated throughout the trading day, and is related to the total value of the Index.

The S&P Midcap 400 Stock Index is an unmanaged index generally representative of the market for the stocks of mid-sized US companies.

The Russell 2000 Index is an unmanaged index generally representative of the 2,000 smallest companies in the Russell 3000 index, which represents approximately 10% of the total market capitalization of the Russell 3000 Index.

The Russell 1000 Growth Index measures the performance of those Russell 1000 companies with higher price-tobook ratios and higher forecasted growth values.

Russell 1000 Value Index measures the performance of those Russell 1000 companies with lower price-to-book ratios and lower forecasted growth values.

The prices of small cap stocks and mid cap stocks are generally more volatile than large cap stocks.

The MSCI EAFE Index is a free float-adjusted market capitalization index that is designed to measure the equity market performance of developed markets, excluding the US & Canada. The MSCI EAFE Index consists of the following developed country indices: Australia, Austria, Belgium, Denmark, Finland, France, Germany, Hong Kong, Ireland, Israel, Italy, Japan, the Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland and the UK.

The MSCI Europe Index captures large and mid cap representation across 15 Developed Markets (DM) countries in Europe. With 445 constituents, the index covers approximately 85% of the free float-adjusted market capitalization across the European Developed Markets equity universe.

The MSCI Japan Index is designed to measure the performance of the large and mid cap segments of the Japanese market. With 322 constituents, the index covers approximately 85% of the free float-adjusted market capitalization in Japan.

The MSCI China Index captures large and mid cap representation across China A shares, H shares, B shares, Red chips, P chips and foreign listings (e.g. ADRs). With 709 constituents, the index covers about 85% of this China equity universe. Currently, the index includes Large Cap A and Mid Cap A shares represented at 20% of their free float adjusted market capitalization.

The MSCI EM (Emerging Markets) Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of the emerging market countries of the Americas, Europe, the Middle East, Africa and Asia. The MSCI EM Index consists of the following emerging market country indices: Brazil, Chile, Colombia, Mexico, Peru, Czech Republic, Egypt, Greece, Hungary, Poland, Qatar, Russia, South Africa. Turkey, United Arab Emirates, China, India, Indonesia, Korea, Malaysia, Philippines, Taiwan, and Thailand.

The MSCI ACWI ex USA Index captures large and mid cap representation across 22 of 23 Developed Markets (DM) countries (excluding the US) and 27 Emerging Markets (EM) countries. With 2,354 constituents, the index covers approximately 85% of the global equity opportunity set outside the US.

The Bloomberg Barclays U.S. Aggregate Bond Index is an index of the U.S. investment-grade fixed-rate bond market, including both government and corporate bonds.

The Bloomberg Barclays Capital U.S. Credit Bond Index measures the performance of investment grade corporate debt and agency bonds that are dollar denominated and have a remaining maturity of greater than one year.

The Bloomberg Bloomberg Barclays Capital US Corporate High Yield Bond index is an index representative of the universe of fixed-rate, non-investment grade debt.

The Bloomberg Barclays Insured Municipal Bond Index is a total return performance benchmark for municipal bonds that are backed by insurers with Aaa/AAA ratings and have maturities of at least one year.

Bonds are subject to market and interest rate risk if sold prior to maturity. Bond values will decline as interest rates rise and bonds are subject to availability and change in price.