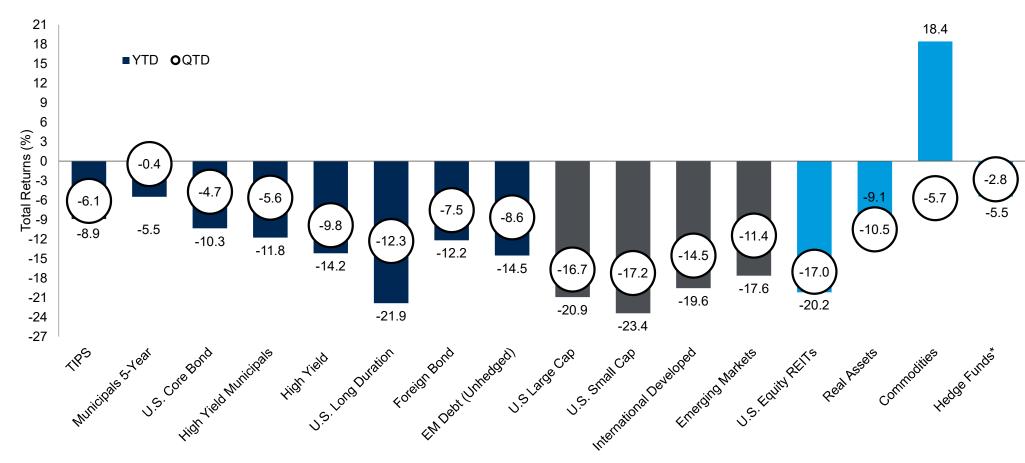


# Mid-Year Capital Markets and Economic Review July 19, 2022



### **Asset Class Returns**



Source: Morningstar Direct. As of June 30, 2022. \*Hedge fund returns as of May 31, 2022.



# **Equity Market**

• Market declines occur regularly and are a normal part of the investing process.

#### Frequency of Market Events Since 1950

Environment	-5% or more	-10% or more	-15% or more	-20% or more	Recession <sup>1</sup>
Average Frequency	About three times per year	About once per year	About once every three years	About once every six years	About every six and half years
Average Length	43 days	109 days	251 days	370 days	317 days

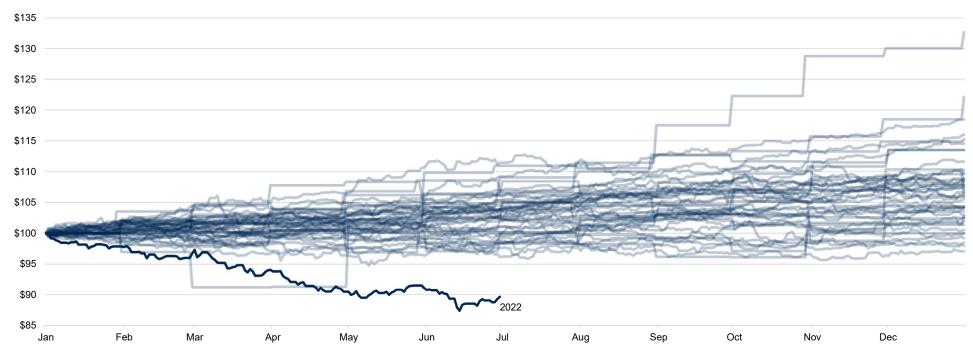
Sources: Capital Group, RIMES, Standard & Poor's. Average frequency assumes 50% recovery of lost value. Average length measures market high to market low. Does not include current downturn. As of May 31, 2022. ¹National Bureau of Economic Research As of May 2022.



### Fixed Income Market

• Fixed income markets have experienced the worst first six months of a year on record.

#### Bloomberg U.S. Aggregate - Calendar Year Growth of \$100

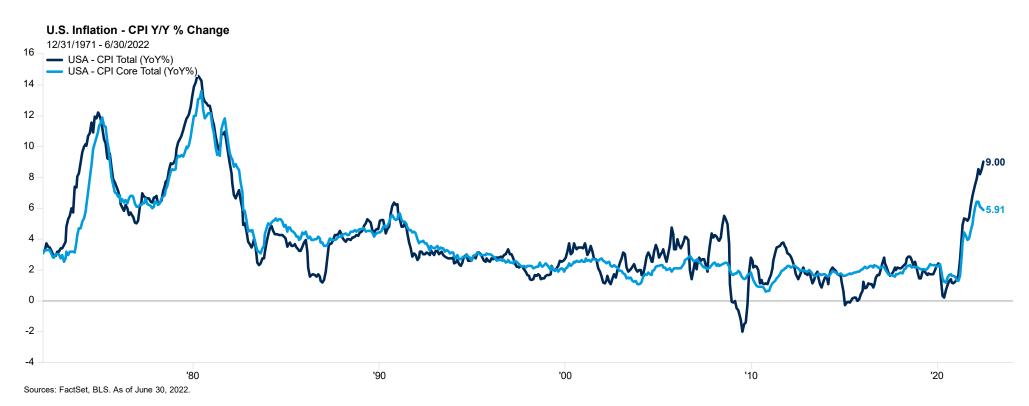


Source: Fiducient Advisors, Morningstar Direct. As of June 30, 2022. Calendar years 1976 to June 30, 2022. Daily data where available, otherwise monthly.



### Inflation

• Headline CPI levels remain elevated and "front & center" for the Fed.

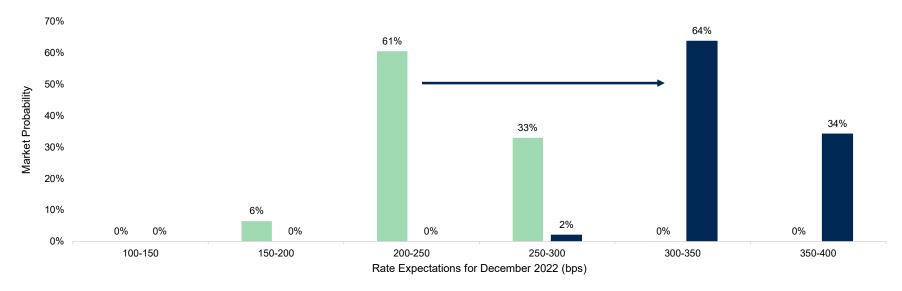




### Central Bank Policy

• Markets are now anticipating a much higher federal funds rate by year-end compared to expectations at the end of the first quarter.

#### Market Implied Probability of Federal Funds Rate Level for December 2022



■1Q 2022 ■2Q 2022

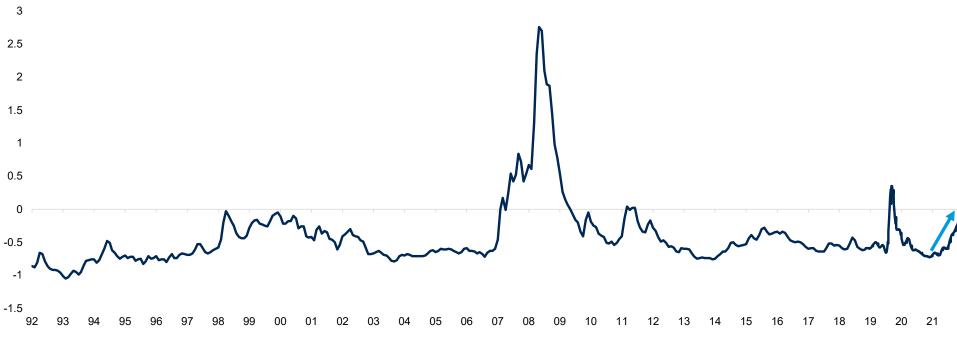
Source: CME FedWatch Tool, Fiducient Advisors. As of June 30, 2022.



### **Financial Conditions**

• Evidence building that financial conditions are tightening.

#### **Chicago Fed National Financial Conditions Index**



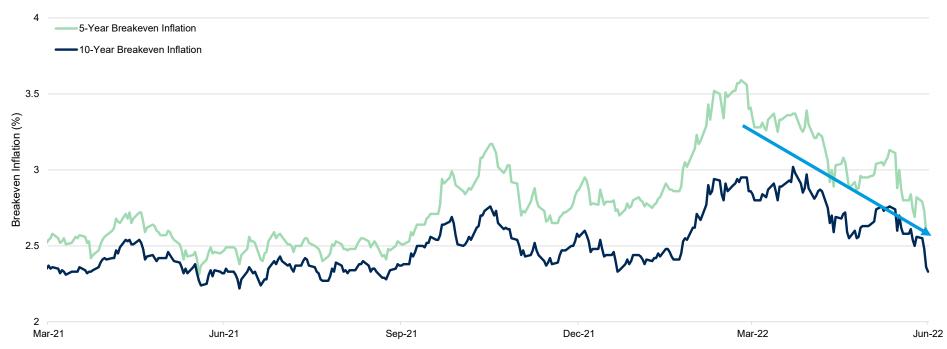
Source: FactSet, Federal Reserve Bank of Chicago. As of July 8, 2022



## **Inflation Expectations**

• Investor expectations on future inflation reversed course in the second quarter, falling from recent peaks earlier in the year.

#### U.S. Breakeven Inflation Levels



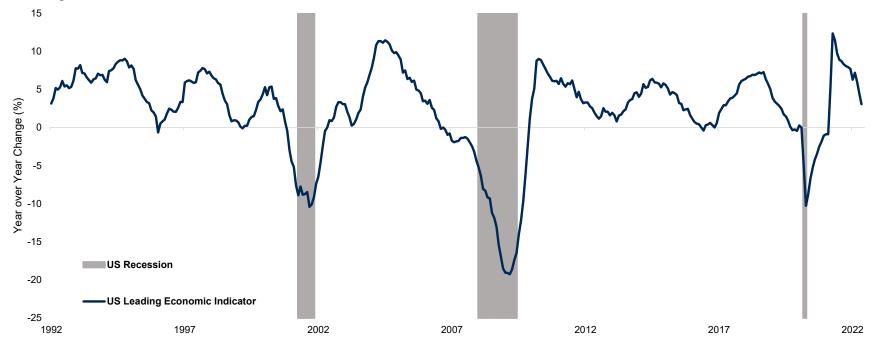
Source: FactSet. As of June 30, 2022.



### **Economic Indicators**

• Leading indicators have fallen from recent peak levels but remain positive on a year-over-year basis.

#### **U.S. Leading Economic Indicator Index**



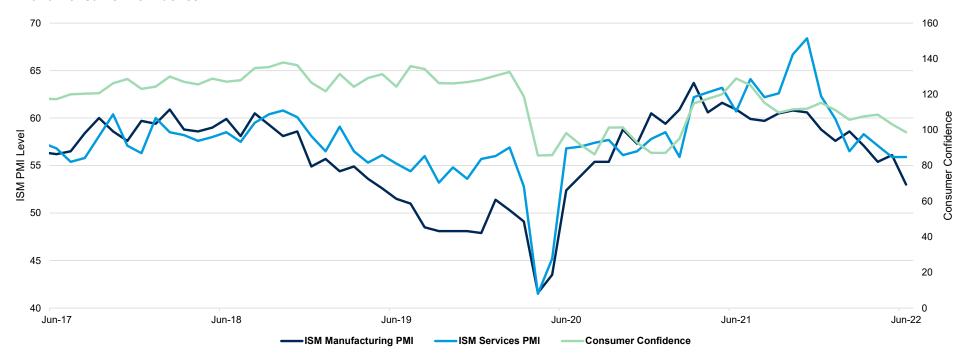
Source: FactSet, Conference Board. As of May 31, 2022.



## **Economic Survey Data**

• Softening survey data from both producers and consumers fuels the rising probability of an economic slowdown, yet PMI levels remain in expansion territory (above 50).

#### **PMI and Consumer Confidence**



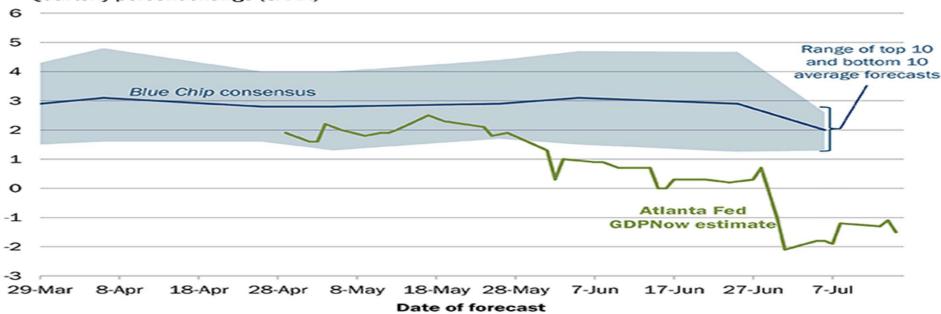
Source: FactSet, ISM, Conference Board. As of June 30, 2022.



### **GDP** Growth Expectations

• Expectations for economic growth have softened materially as tighter Fed policy takes hold.





Source: Federal Reserve Bank of Atlanta GDPNow. As of July 15, 2022.



### The Labor Market

• Demand for labor remains strong and may serve as a tailwind for further wage growth and bolster consumers' financial strength.

#### **Number of Unemployed Per Job Opening**

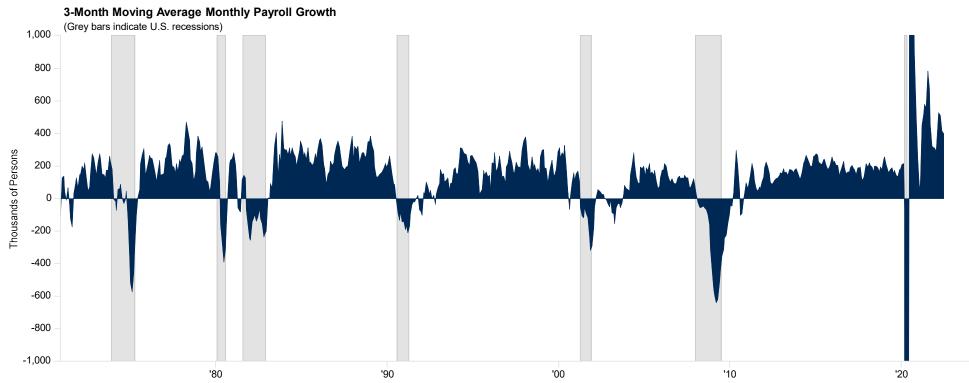


Source: FactSet, DOL, BLS. As of June 30, 2022.



### The Labor Market

• Monthly job growth is solid but has been trending down.



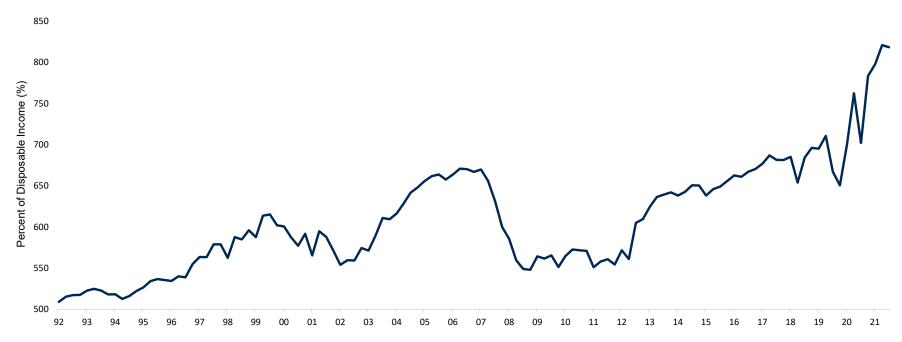
Source: FactSet, DOL. As of June 30, 2022. Some data is cut off due to y-axis scale.



### Consumer Net Worth

• Consumer financial health remains at historically high levels.

#### Consumer Net Worth as a Percent of Disposable Income



Sources: FactSet, Federal Reserve. As of March 31, 2022.



## Market Returns vs. Business Cycle

• On average, markets peak about seven months ahead of an economic top and bottom out three to four months before the economy renews its growth trajectory.

#### Average S&P 500 Return vs Industrial Production



Sources: Capital Group, Federal Reserve Board, Haver Analytics, National Bureau of Economic Research, Standard & Poor's. Data reflects the average completed cycles from 1950 to 2019, indexed to 100 at each cycle peak.



## Staying Invested is Key

• Equity markets are the most volatile leading into and during a recession. However, longer-term returns following the onset of a slowdown have been strong historically.

	S&P 500 Returns around a Recession							
Year	6 months before - Onset	Onset - End	Onset + 3yr	Onset + 5yr				
1973	-1.2%	-33.1%	5.5%	33.1%				
1980	7.7%	8.8%	87.0%	117.4%				
1981	-1.0%	-1.3%	70.6%	221.9%				
1990	3.1%	6.1%	49.6%	110.2%				
2001	-17.7%	-11.8%	-3.3%	18.5%				
2007	-2.3%	-33.9%	4.6%	46.4%				
2020	9.3%	-23.1%	N/A	N/A				
Average	-0.3%	-12.6%	35.7%	91.3%				

Source: Morningstar Direct, NBER, Fiducient Advisors. Returns shown are cumulative. As of June 2022.



# **Equity Valuations**

• Equity market valuations have re-priced from the beginning of the year.

#### **Equity Valutions - Last 15 Years**



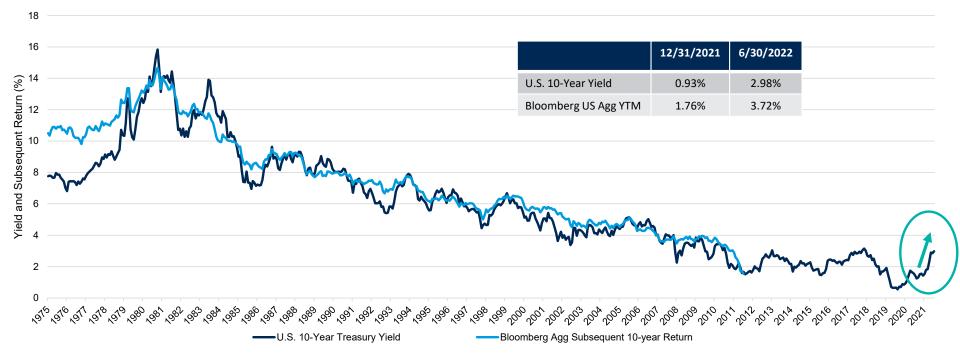
Source: FactSet. As of June 30, 2022



### More Favorable Outlook for Fixed Income

• Starting yield is a strong indicator of future returns for fixed income and there has been a significant shift higher year-to-date.

#### **Treasury Yields and Subsequent Fixed Income Performance**



Sources: FactSet, Morningstar Direct, Fiducient Advisors. For the period January 1, 1976 to June 30, 2022.



#### Disclosures and Definitions

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When referencing asset class returns or statistics, the following indices are used to represent those asset classes, unless otherwise notes. Each index is unmanaged, and investors can not actually invest directly into an index:

TIPS: Bloomberg Global Inflation-Linked: U.S. TIPS Total Return Index Unhedged

Municipals 5-Year: Bloomberg Municipal Bond 5 Year (4-6) Total Return Index Unhedged USD

Core Bond: Bloomberg US Aggregate Total Return Index USD

High Yield Municipals: Bloomberg Muni High Yield Total Return Index Value Unhedged USD

High Yield: Bloomberg US Corporate High Yield Total Return Index USD U.S. Long Duration: Bloomberg US Aggregate Government & Credit - Long

U.S. Long Duration: Bioomberg US Aggregate Government & Credit - Long

Foreign Bond: Bloomberg Global Aggregate ex-USD Total Return Index Value USD

(50/50 blend of hedged and unhedged)

Real Assets: S&P Real Assets

U.S. Large Cap: Russell 1000 Total Return Index U.S. Small Cap: Russell 2000 Total Return Index

International Developed: MSCI EAFE Net Total Return USD Index
Emerging Markets: MSCI Emerging Markets Net Total Return USD Index

U.S. Equity REITs: FTSE Nareit Equity REITs Total Return Index USD

Commodities: Bloomberg Commodity Total Return Index

Hedge Funds: Hedge Fund Research HFRI Fund of Funds Composite Index

Foreign Bond: Bloomberg Global Aggregate x USD Total Return Unhedged U.S. Core Bond: Bloomberg U.S. Aggregate Total Return Index USD

U.S. High Yield: Bloomberg US Corporate High Yield Total Return Index USD

U.S. MBS: Bloomberg U.S. MBS (30Y) Total Return Index

U.S. All Cap: Russell 3000 Total Return Index

U.S. Large Cap: Russell 1000 Total Return Index

U.S. Small Cap: Russell 2000 Total Return Index

US Value: Russell 3000 Value Total Return Index

US Growth: Russell 3000 Growth Total Return Index