#### FIRST QUARTER 2022

# **Quarterly Market Commentary**

### Market Dashboard

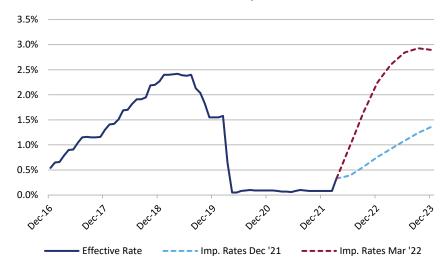
Strategic Allocation Themes	MTD (%)	QTD (%)	YTD (%)	1Y (%)
Growth <sup>1</sup>	2.17	(5.36)	(5.36)	7.28
Defensive Growth <sup>2</sup>	2.65	(3.97)	(3.97)	4.24
Diversified Credit <sup>3</sup>	(0.86)	(6.35)	(6.35)	(2.98)
Real Assets <sup>4</sup>	4.58	6.30	6.30	27.46
Defensive <sup>5</sup>	(2.78)	(5.93)	(5.93)	(4.15)

Source: Bloomberg. Indexes are total return.

## Quarterly Insight

Geopolitical events shook the globe during the quarter as Russia invaded neighboring Ukraine on February 24, 2022. While the humanitarian fallout is of greatest importance, it is also necessary to understand the economic and market impacts that stem from these destabilizing events. Perhaps the most important tensions came from accelerating inflationary pressures the Russia/Ukraine conflict imposed on the Federal Reserve. The Fed had already signaled it would soon raise the Fed Funds Rate and inflation for the first two months of the year had already climbed 1.4% (not annualized). The market seemed to quickly understand that the Fed needed to act aggressively throughout 2022 to stave off runaway inflation. The 10-year breakeven inflation rate pushed toward 3% and fed fund futures pricing implied an overnight rate of 2.25% by the end of the year.

#### Federal Funds Rate: Effective & Futures Implied



Source: Bloomberg

#### **Economic highlights**

GDP: Real GDP growth accelerated during the fourth quarter, up an annualized 6.9%. The main drivers of growth were again private investment (up 36.7%) and personal consumption (up 2.5%). Imports continue to rise while exports also increased, the net effect being a slight drag on economic growth of -0.2%. The Atlanta Fed's GDPNow forecast for the first quarter currently stands at 1.3%.

Source: Bureau of Economic Analysis

Interest Rates: The Treasury curve rose across the maturity spectrum during the first quarter, with the short-intermediate section up the most. The 3-year Treasury was up 1.6% while the 10-year closed at 2.34%, up 83 basis points. The 10-year real yield (i.e., net of inflation) rose 61 basis points to -0.49%. The Federal Open Market Committee increased the Fed Funds Rate by 0.25% at its March meeting while increasing the median outlook to 1.875% for year-end 2022.

Source: U.S. Treasury

Inflation: Consumer price changes have accelerated rapidly as the Consumer Price Index jumped 2.0% for the three months ending February. For the one-year period, the CPI is up 7.9%. The 10-year breakeven inflation rate increased to 2.83% in March versus 2.59% in December.

Source: Dept. of Labor (BLS), U.S. Treasury Employment: Jobs growth continues to be quite strong, with an average of 562k jobs/month added during the three months ending March. The unemployment rate continued to fall, dropping to 3.6%. Reported job openings remain elevated with a record 1.8 jobs available for every person unemployed.

Source: Dept. of Labor (BLS)

Housing: Low borrowing rates and a shortage of properties have driven home prices to record highs. The S&P Case-Shiller 20-city Home Price Index was up 4.6% and 19.1%, respectively, for the three- and 12-months ending January.

Source: Standard & Poor's

## U.S. Economy and Markets

The U.S. stock market, represented by the FT Wilshire 5000 Index<sup>sM</sup>, was down -4.95% for the first quarter of 2022. Sector performance was mixed as Energy (+39.0%) and Utilities (+4.8%) were up, supported by surging commodities prices. The worst performing sectors this quarter were Communication Services (-11.9%), Consumer Discretionary (-9.0%) and Technology (-8.4%). From a size perspective, large-cap outperformed small-cap, although both segments were down. Growth stocks underperformed value in both the large-cap and small-cap segments during the quarter.

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U.S. Equity	MTD (%)	QTD (%)	YTD (%)	1Y (%)
FT Wilshire 5000 Index <sup>sm</sup>	3.35	(4.95)	(4.95)	13.09
Standard & Poor's 500	3.71	(4.60)	(4.60)	15.65
Wilshire 4500 Completion Index <sup>sм</sup>	1.26	(7.49)	(7.49)	(1.25)
MSCI USA Minimum Volatility	5.49	(3.76)	(3.76)	13.82
Source: Bloomberg. Indexes are total return.				
U.S. Equity by Size/Style	MTD (%)	QTD (%)	YTD (%)	1Y (%)
Wilshire US Large-Cap Index <sup>sм</sup>	3.53	(4.83)	(4.83)	14.65
Wilshire US Large-Cap Growth Index <sup>sм</sup>	4.17	(7.96)	(7.96)	16.32
Wilshire US Large-Cap Value Index <sup>sм</sup>	2.78	(0.69)	(0.69)	12.63
Wilshire US Small-Cap Index <sup>sм</sup>	1.32	(6.11)	(6.11)	(1.44)
Wilshire US Small-Cap Growth Index <sup>sм</sup>	0.05	(10.35)	(10.35)	(9.42)
Wilshire US Small-Cap Value Index <sup>sм</sup>	2.51	(1.84)	(1.84)	7.32
Wilshire US Micro-Cap Index <sup>sм</sup>	1.23	(9.07)	(9.07)	(18.15)
Source: Bloomberg. Indexes are total return.				
GICS sector returns	MTD (%)	QTD (%)	YTD (%)	1Y (%)
Communication Services	1.0	(11.9)	(11.9)	(0.9)
Consumer Discretionary	4.9	(9.0)	(9.0)	9.8
Consumer Staples	1.8	(1.0)	(1.0)	16.1
Energy	9.0	39.0	39.0	64.3
Financials	(0.2)	(1.5)	(1.5)	14.7
Health Care	5.6	(2.6)	(2.6)	19.1
Industrials	3.4	(2.4)	(2.4)	6.1

Source: Bloomberg. Indexes are total return.

Information Technology

Materials

**Real Estate** 

Utilities

Energy sector was up 39.0% this quarter as commodity prices surged

3.5

6.1

7.8

10.4

(8.4)

(2.4)

(6.2)

4.8

(8.4)

(2.4)

(6.2)

4.8

20.9

13.9

25.8

19.9

## International Economy and Markets

Performance results within international equity markets were mostly negative for the first quarter of 2022, with both developed and emerging markets producing losses. The MSCI EAFE Index was down -5.9% while the MSCI Emerging Markets Index was down -7.0%. Within developed markets, however, there were some bright spots as the Australian and UK equity markets were positive. The UK economy surged in January and is now back above the level that existed before the COVID pandemic. The largest emerging equity markets were down for the quarter, with China suffering a double-digit loss. An esclating COVID outbreak in China has led to some local lockdowns and is cutting into economic growth forecasts. Russia's invasion of Ukraine led MSCI to reclassify the Russian equity market from Emerging to a Standalone Market since Russian equities are currently uninvestable. The decision was implemented across all MSCI indexes as of March 9, 2022 at a price that is effectively zero.

Non-U.S. Equity	MTD (%)	QTD (%)	YTD (%)	1Y (%)
MSCI ACWI	2.17	(5.36)	(5.36)	7.28
MSCI ACWI ex USA	0.16	(5.44)	(5.44)	(1.48)
MSCI ACWI ex USA Minimum Volatility	0.90	(2.05)	(2.05)	6.69
MSCI EAFE	0.64	(5.91)	(5.91)	1.16
MSCI Emerging Markets	(2.26)	(6.97)	(6.97)	(11.37)
MSCI ACWI ex USA Small Cap	1.02	(6.52)	(6.52)	0.03
Source: Bloomberg. Indexes are total return.				

Non-U.S. Equity (local currency)	MTD (%)	QTD (%)	YTD (%)	1Y (%)
MSCI ACWI	2.51	(4.75)	(4.75)	8.79
MSCI ACWI ex USA	1.02	(3.90)	(3.90)	2.02
MSCI ACWI ex USA Minimum Volatility	2.35	(0.06)	(0.06)	9.86
MSCI EAFE	2.14	(3.73)	(3.73)	6.21
MSCI Emerging Markets	(2.06)	(6.11)	(6.11)	(9.86)
MSCI ACWI ex USA Small Cap	1.95	(4.99)	(4.99)	4.00

Source: Bloomberg. Indexes are total return.

### Fixed Income Markets

The U.S. Treasury yield curve was up across all maturities during the quarter but most sharply in the intermediate range, with pronounced flattening further out the curve. The 2-year Treasury was up 160 basis points to 2.34% while the 10-year Treasury yield also ended the quarter at 2.34%, up 83 basis points. The now nonexistant spread is as low as it has been since August 2019, a time of slowing economic growth. Investment-grade credit spreads widened during the quarter as did the spread on the broad high yield market, closing the quarter at 3.25%. The Federal Open Market Committee met twice during the quarter as scheduled, raising the overnight rate off zero by 0.25% at their March meeting. Through the Fed's "dot plot," it is messaging that the current intent is for additional increases totaling 150 basis points before the end of

MSCI reclassified Russia as a Standalone Market, removing those equities from all indexes

2022. Their median forecast for year-end 2023 is for a Fed Funds Rate of 2.75%. During the January meeting, the committee announced that it will continue to reduce (i.e., taper) the monthly pace of its asset purchases and likely end them completely "in early March." As the quarter ended, however, the Fed was still adding assets, moving its balance sheet toward \$9 trillion.

U.S. Fixed Income	MTD (%)	QTD (%)	YTD (%)	1Y (%)
Bloomberg U.S. Aggregate	(2.78)	(5.93)	(5.93)	(4.15)
Bloomberg Long Term Treasury	(5.34)	(10.58)	(10.58)	(1.42)
Bloomberg Long Term Corporate	(2.78)	(11.41)	(11.41)	(4.26)
Bloomberg U.S. TIPS	(1.86)	(3.02)	(3.02)	4.29
Bloomberg U.S. Credit	(2.51)	(7.42)	(7.42)	(4.16)
Bloomberg U.S. Corporate High Yield	(1.15)	(4.84)	(4.84)	(0.66)
S&P/LSTA Leveraged Loan	0.05	(0.10)	(0.10)	3.25
Source: Bloomberg. Indexes are total return.				
Market Rates	Mar 31	Dec 31	Sept 30	June 30
10-Year Treasury	2.34	1.51	1.49	1.47
10-Year Breakeven Inflation	2.83	2.59	2.38	2.34
Source: Bloomberg. Indexes are total return.				
Global Fixed Income	MTD (%)	QTD (%)	YTD (%)	1Y (%)
Bloomberg Global Aggregate	(3.05)	(6.16)	(6.16)	(6.40)
Bloomberg Global Aggregate (Hdg)	(2.16)	(4.97)	(4.97)	(3.92)
Bloomberg EM LC Gov't Universal	(1.66)	(2.33)	(2.33)	(0.12)
Bloomberg EM LC Gov't Universal (Hdg)	(1.99)	(2.95)	(2.95)	(2.45)
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Long-term Treasuries suffered their secondworst quarter in five years, down -10.6%

 $\label{thm:control} \mbox{Source: Bloomberg. Indexes are total return.}$ 

## Real Asset Markets

Real estate securities were down during the first quarter in both the U.S. and abroad. Most other real assets, however, enjoyed a strong start to the new year. Commodity prices rallied, fueled in part by the geopolitical risks from the Ukraine crisis, as crude oil was up 33.3% to \$100.28 per barrel. This is the first time oil has been above \$100 since mid-2014, when a boom in shale oil in the U.S. started driving prices considerably lower. Natural gas prices also rose dramatically after a drop during the fourth quarter, increasing by 51.3% and ending March at \$5.64 per million BTUs. Natural gas is up more than 100% for the past 12 months. Finally, gold prices enjoyed another strong quarter and were up 6.6%, finishing at approximately \$1,949 per troy ounce.

Oil is above \$100/barrel for the first time since mid-2014

Real Assets	MTD (%)	QTD (%)	YTD (%)	1Y (%)
Wilshire US Real Estate Securities Index <sup>sм</sup>	6.84	(3.85)	(3.85)	29.09
Wilshire Global Real Estate Securities Index <sup>sм</sup>	5.51	(2.98)	(2.98)	21.98
FTSE Global Core Infrastructure 50/50	7.51	3.90	3.90	15.30
Alerian Midstream Energy	7.02	23.95	23.95	41.93
Bloomberg Commodity	8.65	25.55	25.55	49.25
Gold	1.49	5.92	5.92	13.45
Bitcoin	9.87	(1.22)	(1.22)	(22.45)

Source: Bloomberg. Indexes are total return.

### **Alternatives**

Liquid alternative managers posted a negative quarter, with all sub-strategies ending the quarter down except for global macro. Global macro managers led the way for the Index, posting strong returns for the quarter that were driven by short rates and long commodity positioning. The upward price action in commodities was further intensified by the onset of the Russian invasion of Ukraine. Relative value managers struggled as risk-off appetite created weakness throughout the quarter and yields continued to tick up. Equity hedge and multi-strategy managers had a difficult time navigating the broadbased equity selloffs on the back of rising yields and rising geopolitical risks. Event driven strategy performance was negative but muted with most losses coming from equity market weakness and volatility early in the quarter but remained flat for the remainder as deals continued to go through despite market uncertainty.

MTD (%) QTD (%) YTD (%) 1Y (%) **Alternatives** Wilshire Liquid Alternative Index<sup>sм</sup> 0.16 (1.85)(1.85)0.60 Wilshire Liquid Alternative Equity Hedge Index<sup>sм</sup> 0.85 (2.38)(2.38)4.63 Wilshire Liquid Alternative Event Driven Index<sup>sм</sup> (0.74)(0.74) (0.49)0.01 Wilshire Liquid Alternative Global Macro Index<sup>sм</sup> 3.79 5.35 5.35 6.19 Wilshire Liquid Alternative Multi-Strategy Index<sup>sм</sup> 0.33 (1.93)(1.93)0.86 Wilshire Liquid Alternative Relative Value Index<sup>sм</sup> (1.09)(3.11)(3.11) (2.90)

Source: Bloomberg. Indexes are total return.

Global macro managers performed well, driven by short rates and long commodity positioning

<sup>&</sup>lt;sup>1</sup> 100% Global Equity

<sup>&</sup>lt;sup>2</sup> 60% Low Vol Global Equity, 40% US Convertibles

<sup>&</sup>lt;sup>3</sup> 42.5% U.S. High Yield, 42.5% EMD, 15% Banks Loans

<sup>&</sup>lt;sup>4</sup> 43% Global REITS/GLI, 33% Commodities, 48% TIPS, 9% Gold, -31% Cash

<sup>&</sup>lt;sup>5</sup> 100% US Core Bonds

# Wilshire

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