Global Economic Update

3rd Quarter 2022

ACG Market Outlook - Third Quarter 2022

- First half of 2022 was one of the worst drawdowns for a balanced portfolio in decades
- Economic growth has slowed and consumer sentiment remains weak
- US GDP declined at a 1.6% annualized rate in Q1 and odds of a near-term recession have risen
- Fed funds rate could surpass 3.0% by year-end and yield curve continues to flatten
- Despite current high inflation, commodity prices have started to roll over and longer-term deflationary forces remain in place
- Labor market remains tight as households draw on last few years of stimulus and investment savings
- Recent declines in equities and reduced stimulus could bring more people back into the labor force and lead to a moderation in wages
- Higher interest rates and lower stock prices have generally led to improved valuations and future return potential
- Maintaining portfolio diversification across asset classes and disciplined rebalancing remains key to achieving long-term investment goals

Equity Market Performance

Inflation Concerns Prompt Equities to Fall in June



Financial Markets Performance - 2022



Source: ACG Research, Morningstar (as of June 30, 2022). The following indices used as proxy for asset classes: Russell 2000, Bloomberg Commodity, S&P 500, MSCI EAFE, MSCI Emerging Markets, MSCI China, Bloomberg US Corporate High Yield, Bloomberg US Aggregate, Bloomberg US Treasury

Equity Market Performance



Largest S&P 500 Drawdowns Since 1980 and Next Year's Return (Using Monthly Return Data)

S&	S&P 500 Drawdown (%)	Length	Recovery	Peak	Valley	12-Month Forward Return (%)
	-50.95	16	37	Oct-07	Feb-09	53.62
	-44.73	25	49	Aug-00	Sep-02	24.40
	-29.58	3	18	Aug-87	Nov-87	23.33
Current Period	-19.96	6	N/A	Dec-21	Jun-22	ŚŚŚ
1 ono a	-19.60	3	4	Dec-19	Mar-20	56.35
	-16.50	20	3	Nov-80	Jul-82	59.26
	-16.26	5	12	Apr-11	Sep-11	30.20
	-15.37	2	3	Jun-98	Aug-98	39.82
	-14.69	5	4	May-90	Oct-90	33.50

Source: ACG Research, Bloomberg



Source: ACG Research, Oxford Economics (as of June 30, 2022)

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Developed Market Economic Growth



Source: ACG Research, Bloomberg, Oxford Economics (as of March 31, 2022)

US Consumer Spending vs Saving



Source: ACG Research, Bloomberg, University of Michigan (as of May 31, 2022)

US Consumer Spending Rotation



Source: ACG Research, Bloomberg (as of June 30, 2022)

Labor Market Conditions



Source: ACG Research, Bloomberg, Bureau of Labor Statistics (as of June 30, 2022)

Commodities Markets Disrupted





Source: ACG Research, Bloomberg, St. Louis Federal Reserve (as of June 30, 2022). Balance Sheet Projection based on guidance from Fed meeting minutes.



Source: ACG Research, Bloomberg (as of June 30, 2022)

China's Economic Growth



Source: ACG Research, Our World in Data, Bloomberg (as of June 30, 2022)

Global Central Bank Activity



Source: ACG Research, Bloomberg, Federal Reserve, Banque de France, Forecasts from JP Morgan (as of June 30, 2022)



Source: ACG Research, Our World in Data (as of June 30, 2022)



Source: ACG Research, BofA Global Fund Manager Survey (as of June 30, 2022)



Source: ACG Research, Bloomberg (as of June 30, 2022)



Source: ACG Research, Bloomberg (as of June 30, 2022)

Flattening Yield Curve



Source: ACG Research, Bloomberg, Oxford Economics (as of June 30, 2022)

Inflationary Signals



Source: ACG Research, Oxford Economics, Bloomberg (as of May 31, 2022)

Inflationary Signals



Source: ACG Research,, Bloomberg Forecasts sourced from 52 institutions (as of June 30, 2022)

Inflationary Signals



Source: ACG Research, Bloomberg, FRED, IMF (as of June 30, 2022)



Source: ACG Research, Bloomberg, FRED, IMF (as of June 30, 2022)

P/E Multiples Have Moderated but are Not Cheap

- S&P 500 Index p/e now in line with 25-year average (6/30/22 closing price of \$3785)
- Consensus earnings estimates for 2022 (\$229) suggest a forward p/e of 16.5x (vs. 25-year average of 16.8x)
- Consensus estimates are higher for 2023 (\$251), forward p/e for '23 is 15.1x (vs. 25-year average of 16.8x)
- Downward earnings revisions could be expected if economy continues to weaken



Source: FactSet, FRB, Robert Shiller, Standard & Poor's, J.P. Morgan Asset Management



Source: ACG Research, Bloomberg, Robert Shiller (as of June 30, 2022)



Source: ACG Research, Bloomberg (Valuations are Bloomberg's "Long-Term" PE, using an average of the last 10 years earnings discounted for inflation) (as of June 30, 2022)



Source: ACG Research, Bloomberg, MSCI, Morningstar (as of June 30, 2022)



Return Opportunities Over Next 10 Years



Alternative Sources of Return – Real Estate



Real Estate Fundamentals Continue to Strengthen



Source: AEW, CoStar, ACG Research (as of December 31, 2021)

Alternative Sources of Return – Private Equity



Source: S&P LCD, CIBC Capital Markets, GF Data, ACG Research (as of March 31, 2021)

Alternative Sources of Return - Venture Capital



Source: Renaissance Capital, PitchBook, ACG Research (as of June 30, 2021)

Key Themes

ACG's Investment Committee outlines key themes that will drive investment returns over the intermediate term. In this quarterly update, we highlight market and economic factors that support each theme.



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Implementation Strategies

Evolving Global Growth Dynamics

- Maintain long-term strategic allocations
- Pursue active/focused/opportunistic strategies in less efficient markets

Heightened Geopolitical & Social Risks

- Embrace global diversification, with a modest reserve of dry powder
- Private strategies and long/short equity can limit near-term price impacts

Challenging Yield Environment

- Maintain high-quality core fixed income exposures for portfolio ballast
- Incorporate "non-traditional" strategies for flexibility and yield enhancement

Conflicting Inflationary Signals

- Shorter-dated fixed income and floating rate securities protect against inflationary surprise
- Diversified real assets can provide enhanced income amid rising prices

Demand for Responsible Investment

- Consider a high-quality portfolio orientation
- Opportunities in both stocks and bonds for impact oriented investment

Muted Return Expectations

- Revisit overall risk tolerance and investment objectives
- Focus on strategic plan versus frequent tactical shifts

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