GLOBAL ASSET ALLOCATION VIEWS

INSIGHTS AND IMPLICATIONS FROM THE MULTI-ASSET SOLUTIONS STRATEGY SUMMIT
1Q 2022

JOHN BILTON, CFA
MANAGING DIRECTOR
HEAD OF GLOBAL MULTI-ASSET STRATEGY
MULTI-ASSET SOLUTIONS

IN BRIEF

• Despite recent market jitters over Omicron, 2021 was a year of strong returns driven by robust economic growth and a powerful rebound in earnings; while the pace of growth may moderate in 2022, we continue to see a positive backdrop for risk assets.

• Currently elevated inflation levels are likely to moderate next year as supply chain issues ease; this may remove pressure on central banks to hike aggressively but even then, we see rates rising gradually over the next year.

• The strong earnings outlook and gradual increase in yields keep us overweight stocks and credit and underweight bonds and cash in our portfolios.

• Within equities we continue to favor the U.S., Europe and Japan but remain cautious on emerging markets as earnings revisions are still negative and we anticipate further modest upside to the dollar in the months ahead.

DESPITE, OR PERHAPS BECAUSE OF, THE NEW OMICRON VARIANT OF COVID-19, STOCK MARKETS SEEM DETERMINED TO CLOSE OUT 2021 NEAR ALL-TIME HIGHS. Immediately following U.S. Thanksgiving, Omicron looked to have given markets a bloody nose and scotched hopes of a “Santa Claus rally.” But early data suggest that not only are existing vaccines and boosters effective, but that the strain is both more transmissible and less aggressive than its precursors – prompting some to whisper the hope that this may be the beginning of the end of the pandemic, in turn giving markets a welcome boost.

It is too early to say with certainty how and when the pandemic will finally retreat. Rapid deployment of restrictions in Europe suggests we are not there yet. But at the same time, improving vaccine technology and the new variant’s apparent dip in virulence are reasons for optimism. And with each virus round, the economy is adapting more quickly and bouncing back faster. Even if Omicron presents a speed bump for the economy, it is certainly not a stop sign. We continue to expect above-trend global growth in 2022, with further upside to earnings and a positive outlook for markets.

Robust household balance sheets, strong corporate capex and positive trends in productivity look set to persist into 2022. Although the big fiscal thrust of the last two years is now firmly in the rear-view mirror, we believe that private sector demand will be

ASSET CLASS VIEWS (PAGE 3)
sufficient to keep the economy growing well above trend. Higher frequency data in China show signs of bottoming, so we see some scope for reacceleration in Asia to add positively to the growth mix. And if we are correct that Omicron is a temporary headwind, then Europe, too, should continue to enjoy economic tailwinds.

The most widely discussed economic trend of 2021 — inflation — likely continues into early 2022, but even now we see signs that it may be peaking. Supply chain issues, which fuelled goods inflation, look set to dissipate in the first half of next year. Meanwhile, in labor markets, we anticipate that the recent step-up in wages will boost participation rates, such that the rise in labor costs is more of a level shift than a persistent trend. Even then, we are optimistic that a better trend in productivity in this cycle than in the last will allow firms to absorb higher wage costs relatively easily, in turn dampening some of the inflationary pressures seen in the second half of 2021.

To be sure, inflation is likely to be higher this cycle, and certainly there is a wider range of risks for inflation — in both directions. As a result, monetary policy is inexorably on a tightening path. However, if inflation pressures have eased by mid-2022 (as we expect they will), the pace of hikes currently priced in may look aggressive.

The environment we anticipate calls for a continued pro-risk stance, and we play this by keeping our overweights (OW) in stocks and credit and our underweights (UWs) in bonds and cash. Our highest conviction view is that equities will perform strongly on improving earnings, but given the recent widening of spreads in credit, we have also upped our conviction in our credit OW.

We acknowledge that multiples are elevated in some indices, notably U.S. large cap, but in other regions the dip in P/E ratios by over 20% from 1Q 2021 highs is consistent with historical patterns when moving from early to mid-cycle. In 2022, as in 2021, we expect earnings growth to drive equity returns, and even in more richly valued regions we believe earnings growth will outstrip any drag from multiples. Our preferred regions remain the U.S., Europe and Japan, while we remain more cautious on emerging markets.

Rates are set to rise in 2022, so UWs to duration and cash are warranted. However, we expect the pace and scale of rate increases will be gradual. We do not see rates being forced sharply higher by persistent inflation pressure. Even as central bank demand moderates, we anticipate an insatiable bid for duration, which will increase incrementally as rates rise. As a result, we keep the scale of our duration UW modest. In the short term, the prospect of higher U.S. rates likely keeps USD supported, justifying a modest OW in the currency.

Overall, our positions reflect a pro-risk tilt. Simply put, we believe that the upward pressure on stocks from earnings growth will exceed the upward pressure on bond yields from inflation — and so prefer to express our positive view through an OW to stocks rather than a large bet against bonds.
Multi-Asset Solutions Key Insights & “Big Ideas”

The Key Insights and “Big Ideas” are discussed in depth at our Strategy Summit and collectively reflect the core views of the portfolio managers and research teams within Multi-Asset Solutions. They represent the common perspectives we come back to and regularly retest in all our asset allocation discussions. We use these “Big Ideas” as a way of sense-checking our portfolio tilts and ensuring they are reflected in all of our portfolios.

- Global growth above trend, with the economy broadly in mid-cycle
- High prevailing inflation should ease by mid-2022, but risks remain in both directions
- Policy set to normalize, but perhaps more slowly than currently priced in
- Bond yields move up slowly, but demand picks up incrementally as rates rise
- Dollar supported near-term by rates, but long-run trend likely to be lower
- Further EPS upside supports stocks, while multiples may slip further
- OW equities balanced across developed regions; EM equities may be past the worst
- Prefer a blend of quality, value and cyclical sectors in equities
- Key risks: stickier inflation, prolonged lockdowns, weaker EPS growth

Active allocation views

These asset class views apply to a 12- to 18-month horizon. Up/down arrows indicate a positive (▲) or negative (▼) change in view since the prior quarterly Strategy Summit. These views should not be construed as a recommended portfolio. This summary of our individual asset class views indicates strength of conviction and relative preferences across a broad-based range of assets but is independent of portfolio construction considerations.

<table>
<thead>
<tr>
<th>Asset class</th>
<th>Opportunity set</th>
<th>UW</th>
<th>N</th>
<th>OW</th>
<th>Change</th>
<th>Conviction</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAIN ASSET CLASSES</td>
<td>Equities</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duration</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Credit</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cash</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S.</td>
<td>Moderate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Europe</td>
<td>Moderate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UK</td>
<td>Moderate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Japan</td>
<td>Moderate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emerging markets</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. Treasuries</td>
<td>Low</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G4 ex-U.S. sovereigns</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMD hard currency</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMD local FX</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corporate investment grade</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corporate high yield</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CURRENCY</td>
<td>USD</td>
<td></td>
<td></td>
<td>▲</td>
<td>Low</td>
<td></td>
</tr>
<tr>
<td>EUR</td>
<td></td>
<td></td>
<td>▼</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JPY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EM FX</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Source: J.P. Morgan Asset Management Multi-Asset Solutions; assessments are made using data and information up to December 2021. For illustrative purposes only. Diversification does not guarantee investment returns and does not eliminate the risk of loss. Diversification among investment options and asset classes may help to reduce overall volatility.
MULTI-ASSET SOLUTIONS

J.P. Morgan Multi-Asset Solutions manages over USD 297 billion in assets and draws upon the unparalleled breadth and depth of expertise and investment capabilities of the organization. Our asset allocation research and insights are the foundation of our investment process, which is supported by a global research team of 20-plus dedicated research professionals with decades of combined experience in a diverse range of disciplines.

Multi-Asset Solutions’ asset allocation views are the product of a rigorous and disciplined process that integrates:

- Qualitative insights that encompass macro-thematic insights, business-cycle views and systematic and irregular market opportunities
- Quantitative analysis that considers market inefficiencies, intra- and cross-asset class models, relative value and market directional strategies
- Strategy Summits and ongoing dialogue in which research and investor teams debate, challenge and develop the firm’s asset allocation views

As of September 30, 2021.

IMPORTANT DISCLAIMER

For the purposes of MiFID II, the JPM Market Insights and Portfolio Insights programs are marketing communications and are not in scope for any MiFID II / MiFIR requirements specifically related to investment research. Furthermore, the J.P. Morgan Asset Management Market Insights and Portfolio Insights programs, as non-independent research, have not been prepared in accordance with legal requirements designed to promote the independence of investment research, nor are they subject to any prohibition on dealing ahead of the dissemination of investment research.

This document is a general communication being provided for informational purposes only, it is educational in nature and not designed to be taken as advice or a recommendation for any specific investment product, strategy, plan feature or other purpose in any jurisdiction, nor is it a commitment from J.P. Morgan Asset Management or any of its subsidiaries to participate in any of the transactions mentioned herein. Any examples used are generic, hypothetical and for illustration purposes only. This material does not contain sufficient information to support an investment decision and it should not be relied upon by you in evaluating the merits of investing in any securities or products. In addition, users should make an independent assessment of the legal, regulatory, tax, credit, and accounting implications and determine, together with their own financial professional, if any investment mentioned herein is believed to be appropriate to their personal goals. Investors should ensure that they obtain all available relevant information before making any investment. Any forecasts, figures, opinions or investment techniques and strategies set out are for information purposes only, based on certain assumptions and current market conditions and are subject to change without prior notice.

All information presented herein is considered to be accurate at the time of production, but no warranty of accuracy is given and no liability in respect of any error or omission is accepted. It should be noted that investment involves risks, the value of investments and the income from them may fluctuate in accordance with market conditions and taxation policies. Personal data will be collected, stored and processed by J.P. Morgan Asset Management in accordance with our privacy policies at https://am.jpmorgan.com/global/privacy.

This communication is issued by the following entities:

In the United States, by J.P. Morgan Investment Management Inc. or J.P. Morgan Alternative Asset Management, Inc., both regulated by the Securities and Exchange Commission; in Latin America, for intended recipients’ use only, by local J.P. Morgan entities, as the case may be; in Canada, for institutional clients’ use only, by JPMorgan Asset Management (Canada) Inc., which is a registered Portfolio Manager and Exempt Market Dealer in all Canadian provinces and territories except the Yukon and is also registered as an Investment Fund Manager in British Columbia, Ontario, Quebec and Newfoundland and Labrador. In the United Kingdom, by JPMorgan Asset Management (UK) Limited, which is authorized and regulated by the Financial Conduct Authority; in other European jurisdictions, by JPMorgan Asset Management (Europe) S.A.R.L. In Asia Pacific (“APAC”), by the following issuing entities and in the respective jurisdictions in which they are primarily regulated: JPMorgan Asset Management (Asia Pacific) Limited; JPMorgan Funds (Asia) Limited, or JPMorgan Asset Management Real Assets (Asia) Limited, each of which is regulated by the Securities and Futures Commission of Hong Kong; JPMorgan Asset Management (Singapore) Limited (Co. Reg. No. 197601586K), which this advertisement or publication has not been reviewed by the Monetary Authority of Singapore; JPMorgan Asset Management (Taiwan) Limited; JPMorgan Asset Management (Japan) Limited, which is a member of the Investment Trusts Association, Japan, the Japan Investment Advisers Association, Type II Financial Instruments Firms Association and the Japan Securities Dealers Association and is regulated by the Financial Services Agency (registration number “Kanto Local Finance Bureau (Financial Instruments Firm) No. 330”); in Australia, to wholesale clients only as defined in section 761A and 761G of the Corporations Act 2001 (Commonwealth), by JPMorgan Asset Management (Australia) Limited (ABN 55143832080) (AFSL 376919). For all other markets in APAC, to intended recipients only.

For U.S. only: If you are a person with a disability and need additional support in viewing the material, please call us at 1-800-343-1113 for assistance.

Copyright 2021 JPMorgan Chase & Co. All rights reserved.