William Blair

Equity Research Economics

August 28, 2023

Richard de Chazal, CFA

Weekly Market Monitor



Please refer to important disclosures on pages 4 and 5. Analyst certification is on page 4.

William Blair

Comment

We are prepared to raise rates further if appropriate, and intend to hold policy at a restrictive level until we are confident that inflation is moving sustainably down toward our objective. - Chair Jerome Powell, 25 August 2023

In a summer that has seen longer bond yields push higher on concerns about higher debt levels and shifting demand patterns, the market was looking to Chair Powell's Jackson Hole speech this past Friday for some signs the Fed might at least signal a peak on short rates. Powell effectively told us was that we are close, but it is too early to talk about pivoting just yet, and there may be another increase in the offing in the future. Fed funds futures market expectations nudged slightly higher on the news (chart of the week), though the long end of the curve was essentially unchanged.

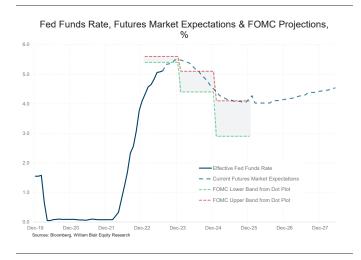
Powell's speech was slightly longer than last year, but the message on inflation was that progress is being made, with much of the gain we have seen to date being the result of both supply chain improvements (better inventories, semiconductor chips, etc.) and tighter monetary policy (higher auto loan and mortgage rates). And while we have seen a steady improvement in core goods prices, and expect to see further progress in shelter prices, he felt that nonshelter services prices (which account for 50% of the PCE index) were still sticky enough to not merit a mission-accomplished banner just yet. Powell also made clear that the Fed has no intention of raising the inflation target—a topic that has been getting increased market attention lately.

With regard to the economic outlook, Powell still feels that growth in the real economy outside of manufacturing is not showing much in the way of slowing just yet. For example, the labor market is still just showing tentative signs of moderating. Importantly, Powell also reaffirmed his belief in the Phillips Curve, saying *"there is evidence that inflation has become more responsive to labor market tightness than was the case in recent decades,"* though he was cautious about its persistence.

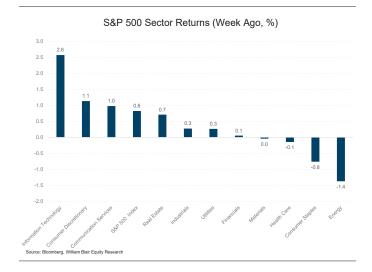
Powell feels policy is now in restrictive territory—i.e. the policy rate is well above the estimated neutral rate—even though it is unclear what that (r-star) neutral rate actually is. He stated, "We are navigating by the stars under cloudy skies. In such circumstances, risk management considerations are critical."

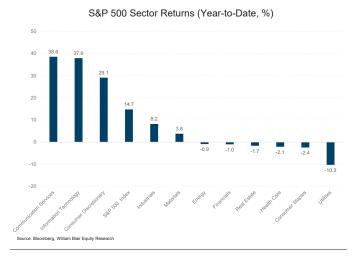
The upshot here is there was not really much new in this speech. This was also a very two-handed economist's speech. Powell noted the improvement on inflation, but is not fully convinced it is yet on a direct line to 2%. He is very wary about throwing in the towel too early, but then seeing inflation spike again, further damaging its credibility, and thereby potentially making inflation even stickier. The Fed chair also believes that further lagged effects from previous policy changes are still in the pipeline. The main message, however, is the Fed is clearly keeping every option on the table, and the goal of the speech was to promote maximum flexibility with regard to potentially raising again, or not.

Chart of the Week: Futures Market Expectations



S&P 500 Sector Returns





William Blair

Market Data

Fixed Income				
	Levels (%)			
		1 Week	1 Month	1 Year
U.S. Interest Rates	25-Aug-23	Ago	Ago	Ago
2 mth T Dill	E 40	E 11	E 40	0.04
3-mth T-Bill	5.48	5.44	5.42	2.81
2-yr U.S. T-Note	5.08	4.95	4.88	3.37
5-yr U.S. T-Note	4.44	4.39	4.17	3.15
10-yr U.S. T-Note	4.24	4.26	3.89	3.03
30-yr U.S. T-Bond	4.29	4.38	3.93	3.24
30-yr Fixed Mtge	7.61	7.55	7.28	5.83
Prime Rate	8.50	8.50	8.25	5.50
SOFR	5.30	5.30	5.06	2.28
		1 Week	1 Month	1 Year
Foreign Interest Rates	25-Aug-23	Ago	Ago	Ago
2-Year Canadian	4.78	4.75	4 71	3.49
2-Year German	3.03	3.04	3.05	0.86
2-Year Japanese	0.01	0.02	-0.05	-0.09
2-Year U.K.	5.00	5.17	4.94	2.78
10-Year Canadian	3.70	3.72	3.51	3.01
10-Year German	2.56	2.62	2.42	1.31
10-Year Japanese	0.65	0.63	0.46	0.23
10-Year U.K.	4.44	4.67	4.26	2.61

Equities					
	Level		% Change:		
	25-Aug-23	Week Ago	Month Ago	Quarter- to-Date	Year-to- Date
S&P 500	4,405.7	0.8	-3.5	-1.0	14.7
Dow Jones Industrials	34,346.9	-0.4	-3.1	-0.2	3.6
Nasdaq Composite	13,590.7	2.3	-3.9	-1.4	29.8
Russell 2000	1,853.6	-0.3	-5.7	-1.9	5.2
Russell 1000 Growth	2,741.4	1.7	-3.3	-1.0	27.0
Russell 1000 Value	1,539.4	-0.2	-4.1	-1.0	2.8
MSCI EAFE	2,053.5	-0.2	-6.0	-3.7	5.6
MSCI EM	971.0	0.7	-5.9	-1.9	1.5

Foreign Exchange Rates

		1 Week	1 Month	1 Year
_	25-Aug-23	Ago	Ago	Ago
Euro (\$/€)	1.080	1.087	1.106	0.998
British Pound (\$/£)	1.258	1.273	1.290	1.183
Japanese Yen (¥/\$)	146.440	145.390	140.900	136.490
Canadian Dollar (C\$/\$)	1.360	1.355	1.317	1.292
Swiss Franc (CHF/\$)	0.885	0.882	0.864	0.964
Australian Dollar (US\$/A\$	0.640	0.641	0.679	0.698
Mexican Peso (MXN/\$)	16.748	17.056	16.933	19.928
Chinese Yuan (CNH/\$)	7.295	7.306	7.137	6.852
Brazilian Real (BRL/\$)	4.874	4.970	4.753	5.110
Indian Rupee (INR/\$)	82.655	83.105	81.873	79.884
DXY U.S. Dollar Index	104.077	103.375	101.349	108.470

		1 Week	1 Month	1 Year
	25-Aug-23	Ago	Ago	Ago
WTI Crude (\$/bl)	79.8	81.3	79.6	92.5
Brent Crude (\$/bl)	84.5	84.8	83.6	99.3
Gold (\$/Oz)	1915.0	1889.3	1965.0	1758.7
Silver (\$/Oz)	24.2	22.8	24.7	19.2
Copper (C/lb)	376.2	370.6	390.2	369.9
Soybeans (\$/BshI)	1381.0	1362.8	1515.5	1552.5
Natural Gas (\$/MMBTU)	2.5	2.6	2.7	9.4
Gasoline (\$/gallon)	287.6	282.3	285.3	281.2
CRB Spot Industrials	556.0	551.6	562.2	608.9

William Blair

IMPORTANT DISCLOSURES

This report is available in electronic form to registered users via R*Docs™ at https://williamblairlibrary.bluematrix.com or www.williamblair.com.

Please contact us at +1 800 621 0687 or consult https://www.williamblair.com/equity-research/coverage for all disclosures.

Richard de Chazal attests that 1) all of the views expressed in this research report accurately reflect his/her personal views about any and all of the securities and companies covered by this report, and 2) no part of his/her compensation was, is, or will be related, directly or indirectly, to the specific recommendations or views expressed by him/her in this report. We seek to update our research as appropriate. Other than certain periodical industry reports, the majority of reports are published at irregular intervals as deemed appropriate by the research analyst.

DOW JONES: 34346.90 S&P 500: 4405.71 NASDAQ: 13590.70

Additional information is available upon request.

Coverage Universe	Percent	Inv. Banking Relationships *	Percent	
Outperform (Buy)	72	Outperform (Buy)	7	
Market Perform (Hold)	27	Market Perform (Hold)	4	
Underperform (Sell)	1	Underperform (Sell)	50	

*Percentage of companies in each rating category that are investment banking clients, defined as companies for which William Blair has received compensation for investment banking services within the past 12 months.

The compensation of the research analyst is based on a variety of factors, including performance of his or her stock recommendations; contributions to all of the firm's departments, including asset management, corporate finance, institutional sales, and retail brokerage; firm profitability; and competitive factors.

OTHER IMPORTANT DISCLOSURES

Stock ratings and valuation methodologies: William Blair & Company, L.L.C. uses a three-point system to rate stocks. Individual ratings reflect the expected performance of the stock relative to the broader market (generally the S&P 500, unless otherwise indicated) over the next 12 months. The assessment of expected performance is a function of near-, intermediate-, and long-term company fundamentals, industry outlook, confidence in earnings estimates, valuation (and our valuation methodology), and other factors. Outperform (O) - stock expected to outperform the broader market over the next 12 months; Market Perform (M) - stock expected to perform approximately in line with the broader market over the next 12 months; Underperform (U) - stock expected to underperform the broader market over the next 12 months; outrently rated. The valuation methodologies include (but are not limited to) price-to-earnings multiple (P/E), relative P/E (compared with the relevant market), P/E-to-growth-rate (PEG) ratio, market capitalization/revenue multiple, enterprise value/EBITDA ratio, discounted cash flow, and others. Stock ratings and valuation methodologies should not be used or relied upon as investment advice. Past performance is not necessarily a guide to future performance.

The ratings and valuation methodologies reflect the opinion of the individual analyst and are subject to change at any time.

Our salespeople, traders, and other professionals may provide oral or written market commentary, short-term trade ideas, or trading strategies-to our clients, prospective clients, and our trading desks-that are contrary to opinions expressed in this research report. Certain outstanding research reports may contain discussions or investment opinions relating to securities, financial instruments and/or issuers that are no longer current. Always refer to the most recent report on a company or issuer. Our asset management and trading desks may make investment decisions that are inconsistent with recommendations or views expressed in this report. We will from time to time have long or short positions in, act as principal in, and buy or sell the securities referred to in this report. Our research report is for our clients only. No part of this material may be copied or duplicated in any form by any means or redistributed without the prior written consent of William Blair & Company, L.L.C.

This is not in any sense an offer or solicitation for the purchase or sale of a security or financial instrument. The factual statements herein have been taken from sources we believe to be reliable, but such statements are made without any representation as to accuracy or completeness or otherwise, except with respect to any disclosures relative to William Blair or its research analysts. Opinions expressed are our own unless otherwise stated and are subject to change without notice. Prices shown are approximate.

If the recipient received this research report pursuant to terms of service for, or a contract with William Blair for, the provision of research services for a separate fee, and in connection with the delivery of such research services we may be deemed to be acting as an investment adviser, then such investment adviser status relates, if at all, only to the recipient with whom we have contracted directly and does not extend beyond the delivery of this report (unless otherwise agreed specifically in writing). If such recipient uses these research services in connection with the sale or purchase of a security referred to herein, William Blair may act as principal for our own account or as riskless principal or agent for another party. William Blair is and continues to act solely as a broker-dealer in connection with the execution of any transactions, including transactions in any securities referred to herein.

This material is distributed in the United Kingdom and the European Economic Area (EEA) by William Blair International, Ltd., authorised and regulated by the Financial Conduct Authority (FCA). William Blair International, Limited is a limited liability company registered in England and Wales with company number 03619027. This material is only directed and issued to persons regarded as Professional investors or equivalent in their home jurisdiction, or persons falling within articles 19 (5), 38, 47, and 49 of the Financial Services and Markets Act of 2000 (Financial Promotion) Order 2005 (all such persons being referred to as "relevant persons"). This document must not be acted on or relied on by persons who are not "relevant persons."

"William Blair" and "R*Docs" are registered trademarks of William Blair & Company, L.L.C. Copyright 2023, William Blair & Company, L.L.C. All rights reserved.

William Blair & Company, L.L.C. licenses and applies the SASB Materiality Map® and SICSTM in our work.