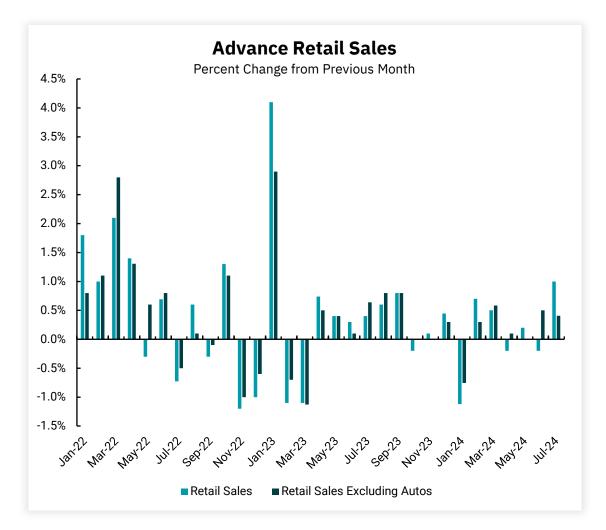
INVESTMENT MANAGEMENT

Weekly market update

Chart of the week (Aug. 16, 2024)





It has been an interesting couple of weeks in the stock and bond markets, as economic data has been a bit mixed. The recent meeting of the Federal Reserve's interest rate-setting arm, the Federal Open Market Committee (FOMC), ended with rates unchanged and an outlook that hinted at a rate reduction in September but did not promise one. The next day, a weak reading on U.S. manufacturing gave the market pause, which was followed by the monthly employment report from the Department of Labor (DOL), in which job growth was disappointing and the headline unemployment rate went up more than expected. Suddenly, it seemed the Fed was behind the curve on rate cuts. Then, when Japan's central bank rate increases caused a global rebalancing, we had the biggest down day in some two years.

A better-than-expected report on the services sector, a much larger part of the domestic economy than manufacturing, helped ease some fears, ending in the biggest "up day" in the stock market in two years. Yes, two of the biggest moves, in opposite directions, in the same week.

As stocks fell, some were calling for emergency Fed rate cuts. Our sense was that this was unwarranted as stocks were still higher on a year-to-date basis. Additionally, while, yes, the job report was disappointing, job growth remains positive and broader measures are not at recession levels. Meanwhile, recently, multiple reports have showed that inflation remains on a lower path. On Thursday, we received the July retail sales report, which was stronger than expected across the board, while the weekly jobless claims number declined from last week. All of this has led to a material decline in the markets' "fear measure," the volatility index, and a return to an outlook for two, maybe three, rate cuts between now and year-end as recession fears fade.

There are a few lessons worth re-learning from this recent period. First, the post-pandemic economy continues to be very difficult to forecast. Second, trying to "time" the market to avoid down-days or to catch up-days remains very difficult. Third, there is no single economic data point that can provide an overall picture of the diverse and complex domestic economy. And fourth, having an investment plan is the best way to avoid getting knocked off course by market volatility.

INVESTMENT MANAGEMENT

Weekly market update

Commentary (Aug. 16, 2024)



Domestic Equities

- U.S. stocks had their best week of the year as investors welcomed a Goldilocks scenario of economic news. The Volatility Index (VIX) quickly returned to normal levels after a sharp spike the week before.
- Inflation data released was softer than expected, which increased expectations that rate cuts are on the horizon. Two Federal Reserve officials speaking during the week said they would support a rate cut in September.
- Retail sales were stronger than expected, and unemployment claims fell. Falling inflation without a slowdown in consumer spending is the softlanding investors have been hoping for.
- The tech-heavy Nasdaq Composite Index has rallied more than the S&P 500 Index, after falling over 13% from mid-July to early August. Semiconductor companies reporting earnings last week cited strong AI demand. Investors will be keenly focused on Nivida's earnings at the end of this month.

Bonds

- U.S. Treasury yields moved lower on weaker-than-expected July inflation data. However, yields finished the week off the lows on stronger-than-expected retail sales and employment data.
- Investors continued to lower Fed rate cut expectations, with Fed Fund futures ending the week pricing in just under four cuts through year-end.
- Across U.S. credit, high yield and convertible bonds led the market higher. Investment-grade corporates were also positive, with the option-adjusted spread on the Bloomberg U.S Corp Index falling below 1.0%.
- Internationally, New Zealand's central bank surprised the market by cutting its main policy rate by 0.25% to 5.25% due to weakening economic conditions. Norway's central bank held rates unchanged on Thursday, with policymakers citing concerns over weakness in the exchange rate.

International Equities

- Foreign stocks experienced a much calmer week after reassuring U.S. economic data boosted investor optimism that the world's biggest economy may avoid a recession.
- Foreign developed markets regained momentum, breaking a four-week streak of losses led by gains across Europe and Japan. New economic data showed that the Japanese and the U.K. economies grew over the second quarter. In addition, U.K. inflation rose 2.2% in July, beating expectations but higher than the target set by the Bank of England.
- Emerging market stocks rallied, driven by Asian technology companies and gains across Latin American markets. Brazil's annual inflation increased 4.7% from a year earlier, complicating the monetary policy outlook for Latin America's largest economy.

Economics

- The year-over-year Consumer Price Index (CPI) came in lower than expected, which investors welcomed. Expectations were for 3.0%; however, the reading came in at 2.9%.
- The year-over-year Producer Price Index (PPI) also came in lower than expected. Expectations were for 2.6%, but the actual report was 2.2%.
- Jobless claims also came in lower than expected, at 227,000 versus 234,000. Following the poor unemployment reading a few weeks ago, this was a welcome development.
- Next week will feature the Democratic National Convention as well as a speech from Federal Reserve Chair Jerome Powell at the Jackson Hole retreat.



Weekly Market Update

Govt

Corp 3.69

Ŧ

2.95

5.72

2.89

3.94

5.35

1-3 Yrs 1-10 Yrs +10 Yrs

1.12

2.11

4.19

					Equity St	.,		
	Last Price	Change From Prior Week	Change From Year End	Change From Year Ago	6,200			
Capital Markets	Lustinioe	THE WEEK		Teal Age	5,700 -	5	S&P 500	
Dow Jones Industrial Avg	40,659.76	3.0%	9.2%	19.4%				
S&P 500 Index	5.554.25	4.0%	17.5%	28.0%	5,200 -			
NASDAQ Composite	17.631.72	5.3%	18.0%	31.8%	4,700 -			
S&P 400 Midcap Index	3.011.38	2.6%	9.3%	17.5%	4,200	\sim	and the second s	
S&P 600 Smallcap Index	1,370.44	2.6%	5.1%	15.6%		•		
MSCI EAFE	8,430.04	4.1%	8.3%	16.9%	3,700 -			
MSCI Emerging Markets	581.00	2.9%	8.8%	14.9%	3,200 -			
Bloomberg US Agg	2,224.83	0.5%	2.9%	8.6%	2,700 -			
Bloomberg Municipal 5 Yr	493.55	0.1%	1.0%	4.3%	2.200 -			
Bloomberg US Corporate	3,328.29	1.0%	3.3%	11.0%	2,200 +	23 Oct-23	Dec-2	3 Feb-24
Bloomberg Glb Agg ex US Hdg	582.11	0.1%	3.1%	8.2%	Aug-2	3 Oct-23	Dec-2	3 Feb-24
Bloomberg High Yield	2,611.98	0.1%	5.3%	12.5%				
MSCI US REIT Index	2,305.58	0.3%	7.3%	17.6%		1 Month*		
Bloomberg Commodity Index	2,305.58	0.3%	0.4%	-2.4%	Valu	ie Core	Growth	
Bioomberg Commounty maex	221.24	0.3%	0.4%	-2.4%			Growin	
Key Rates	Last Price/Yield	Prior Week	Year End	Year Ago	P.0	9 -1.88	-3.49	> 10%
Fed Funds Target	5.50%	5.50%	5.50%	5.50%				
3-Month Treasury	5.21%	5.21%	5.33%	5.44%	.1.6 ¥	0 -3.23	-4.70	0% - 10%
1-Year Treasury	4.48%	4.48%	4.76%	5.36%	≥	-3.23	-4.70	0% - 10%
2-Year Treasury	4.46%	4.05%	4.25%	4.97%				
5-Year Treasury	3.76%	3.80%	3.85%	4.40%	Small	7 -3.26	-4.23	00/
7-Year Treasury	3.76%	3.80%	3.85%	4.40%	LS -2.2	-3.20	-4.23	<0%
5					*S&P In			
10-Year Treasury	3.88%	3.94%	3.88%	4.25%	S&P IN	aices		
30-Year Treasury	4.14%	4.22%	4.03%	4.35%	Eived Inc	ome Style		
Consumer Rates						Joine Style		
30-Year Mortgage	6.93%	6.97%	6.99%	5.83%	5.75%			Yield Curve
Prime Rate	9.25%	9.25%	9.25%	9.25%	5.50% -			
SOFR	5.32%	5.34%	5.38%	5.30%	5.25% -			
					5.00% -			
Commodities								
Gold	2,508.01	2,431.32	2,062.98	1,891.81	4.75% -			
Crude Oil (WTI)	76.65	76.84	71.65	75.20	4.50% -			
Gasoline	3.42	3.45	3.12	3.88	4.25% -		\mathbf{N}	
Natural Gas	2.12	2.14	2.33	3.40			\mathbf{X}	
Copper	4.18	4.03	3.89	3.76	4.00% -			-
					3.75% -			
	P/F	P/E	Price to	Current Div	3.50% ⊥	3 Mo	2 Yr	5 Yr
	Forward	Trailing	Book	Yield		3 1010	2 11	DII
Index Characteristics						1 Month*		
Dow Jones Industrial Avg	20.32	21.36	5.22	1.83	Sho	rt Interm.	Long	
S&P 500	22.89	24.33	5.03	1.39	+			
S&P 500 Value	17.48	17.86	2.85	2.39	0.9 got	9 1.48	3.64	> 10%
S&P 500 Growth	29.62	33.46	11.50	0.67	U U			
NASDAQ	33.03	35.30	6.88	0.75				
S&P Midcap 400	17.03	16.98	2.53	1.77	0.9 Corb	3 1.50	2.65	0% - 10%
S&P Smallcap 600	16.39	16.48	1.85	2.59	O D			
MSCI EAFE	14.51	15.37	1.93	3.23				
						4 1.13	2.40	
MSCI Emerging Markets	12.80	14.63	1.77	2.91	1.1	4 1.13	3.16	<0%

			Economic Data		
				Last Release	Year Ago
			Inflation		
		ч ,/	CPI Headline Inflation	2.9%	3.2%
			CPI Core Inflation	3.2%	4.7%
			Personal Consumption Exp (PCE) Core	2.6%	4.3%
			Jobs		
			Unemployment Rate (U3)	4.3%	3.5%
			Broader Unemployment Rate (U6)	7.8%	6.7%
			JOLT Survey (in millions)	8.18	9.13
	_		Jobless Claims (000's)	227	248
Apr-24 Ju	un-24	Aug-24	Change in Non-Farm Payroll (000's)	114	184
7.0124 00	ATT 2-7	/lug 24	Average Hourly Earnings (Y/Y % Change)	3.6%	4.7%
Yea	ar to Da	te*	Consumer & Spending		
Value	Core	Growth	Consumer Confidence (Conf Board)	100.3	114.0
0			Consumer Spending (\$ Bil)	19,444	18,485
10.57	17.47	23.80	Consumer Credit (\$ Bil)	5.078	4,986
			Retail Sales (\$ Bil)	710	691
₽ <u>₩</u> 5.44	9.27	12.90	Housing		
2 0.11	0.21	12.00	Housing Starts (000's)	1.238	1.473
=			Case-Shiller Home Price Index	323.48	305.34
1.94	5.08	8.19	U.S. Productivity		
			Real Gross Domestic Product (\$ Bil)	22,919	22,225
			Quarter over Quarter Change	2.8%	22,223
			Year Over Year Change	2.8%	2.1%
			ISM Manufacturing	46.80	46.50
			Capacity Utilization	77.85	78.99
			Markit US Composite PMI	54.30	52.00
			U.S. General		
Current			Leading Economic Indicators	101.1	106.2
— 1 Year A	go			101.1	106.2
			Trade Weighted Dollar Index		
			EUR / USD	1.10	1.09
			JPY/USD	147.63	146.35
	/		CAD / USD	0.73	0.74
			AUD / USD	0.67	0.64
7 Yr 10	Yr	30 Yr	S&P 500 Sector Returns	d Man (
				1 Month	YTD
	ar to Da		Information Technology	-4.67%	27.67%
Short	Interm.	Long	Communication Services	-3.34%	22.49%

	TWORT	עוז
Information Technology	-4.67%	27.67%
Communication Services	-3.34%	22.49%
Utilities	6.29%	19.59%
Financials	0.61%	17.25%
Consumer Staples	3.83%	14.84%
Health Care	2.05%	13.08%
Industrials	-0.92%	12.27%
Energy	-1.42%	10.53%
Materials	-1.52%	6.83%
Real Estate	3.19%	6.34%
Consumer Discretionary	-6.29%	4.35%

© 2024 BOK Financial Corp. Services provided by BOKF, NA, Member FDIC. BOKF, NA is the banking subsidiary of BOK Financial Corporation. BOK Financial Corporation (BOKF) offers wealth management and trust services through various affiliate companies and non-bank subsidiary of BOK Financial Corporation. and its subsidiary Cavanal Hill Investment Management, Inc., an SEC registered investment adviser. BOKF offers additional investment services and products through its subsidiary BOK Financial Securities, Inc., a broker/dealer, member FINRA/SIPC, and an SEC registered investment adviser and BOK Financial Private Wealth, Inc., also an SEC registered investment adviser. The information in the report was prepared by (SIA) Strategic Investment Advisors of BOKF, NA which is a division of BOK Financial Corporation.

This report is not to be considered a recommendation of any particular security, strategy or investment product, nor is it intended to provide personal investment advice. It does not take into account any specific investment objectives, financial situations, or particular needs of any specific person who may receive this report. The information provided in this presentation is for informational purposes only and is not an offer to sell or a solicitation of an offer to buy any securities in any jurisdiction. Investors should seek financial advice regarding the appropriateness of investing in any securities, other investment strategies discussed in this report and should understand that statements regarding future prospects may not be realized. Information contained herein has been obtained from sources believed to be reliable, but not guaranteed.

Investments are not insured by the FDIC and are not guaranteed by any bank or bank affiliate. Investments are subject to risks, including the possible loss of the principal amount invested. This report may not be reproduced, redistributed, retransmitted or disclosed, or referred to in any publication, in whole or in part, or in any form or manner, without the express written consent of BOKF. Any unauthorized use or disclosure is prohibited.

Disclosures



The information provided herein was prepared by the Investment Management team of BOKF, NA. BOKF, NA is the bank subsidiary of BOK Financial Corporation (BOKF), a financial services holding company (NASDAQ:BOKF). BOKF offers trust and wealth management services through its subsidiaries including BOKF, NA (and its banking divisions Bank of Oklahoma, Bank of Texas, Bank of Albuquerque, and BOK Financial) and investment advisory services through its non-bank subsidiaries, Cavanal Hill Investment Management, Inc., and BOK Financial Private Wealth, Inc., each an SEC registered investment adviser, and BOK Financial Securities, Inc., also an SEC registered investment adviser and registered broker/dealer, member FINRA/SIPC (each an "Investment Affiliate") (collectively, "BOKF"). Distribution of this document is intended for informational purposes. Information contained herein has been obtained from sources believed to be reliable, but not guaranteed. The opinions expressed herein reflect the judgment of the author(s) as of the date prepared and are subject to change without notice and are not a complete analysis of any sector, industry, or security regardless of the date on which the reader may receive or access the information. The information provided is intended to be educational in nature and not advice relative to any investment or portfolio offered through an Investment Affiliate, and does not constitute any form of regulated financial, legal, or tax advice, or other regulated financial service. The content provided herein is not a solicitation for the investment management services of any Investment Affiliate, nor is it intended to constitute a recommendation for, or advice to, any specific person on behalf of any Investment Affiliate, as it does not take into account the financial objectives, situation, or needs of any specific person. This information is provided on the understanding that the recipient has sufficient knowledge and experience to be able to understand and make their own evaluation of said content, any risks associated therewith, and any related legal, tax, accounting, or other material considerations. Recipients should not solely rely on this material in making any future investment decision. To the extent that the recipient has any questions regarding the applicability of any specific issue discussed above to their specific portfolio or situation, they are encouraged to consult with a qualified lawyer, accountant, or financial professional.

This document may contain forward-looking statements that are based on management's beliefs, assumptions, current expectations, estimates, and projections, the securities and credit markets and the economy in general. Words such as "anticipates," "believes," "estimates," "expects," "forecasts," "plans," "projects," variations of such words and similar expressions are intended to identify such forward-looking statements. Management judgments relating to and discussion of the value and potential future value or performance of any security, group of securities, type of security or market segment involve judgments as to expected events and are inherently forward-looking statements. These statements are not guarantees of future performance. Likewise, past performance is not a guarantee of future results. This content is prepared for the use of the Investment Affiliates and their clients and prospective clients, and may not be reproduced, redistributed, retransmitted or disclosed, or referred to in any publication, in whole or in part, or in any form or manner, without the express written consent of BOKF or BOKF, NA. Any unauthorized use or disclosure is prohibited. Receipt and review of this document constitutes your agreement not to redistribute, retransmit, or disclose to others the contents, opinions, conclusion, or information contained herein. This report should not be distributed without the attached disclosures, and is considered incomplete if the disclosures are not attached.

*This chart is for illustrative purposes only and not indicative of any actual investment.

Asset allocation, diversification, and rebalancing do not ensure a profit or protect against loss in declining markets. Investing involves risks, including possible loss of principal, and there is no guarantee that investment objectives will be achieved.

BOK Financial® is a trademark of BOKF, NA. Member FDIC. Equal Housing Lender. 2024 BOKF, NA.

INVESTMENT AND INSURANCE PRODUCTS ARE: NOT FDIC INSURED | NOT GUARANTEED BY THE BANK OR ITS AFFILIATES | NOT DEPOSITS | NOT INSURED BY ANY FEDERAL GOVERNMENT AGENCY | MAY LOSE VALUE