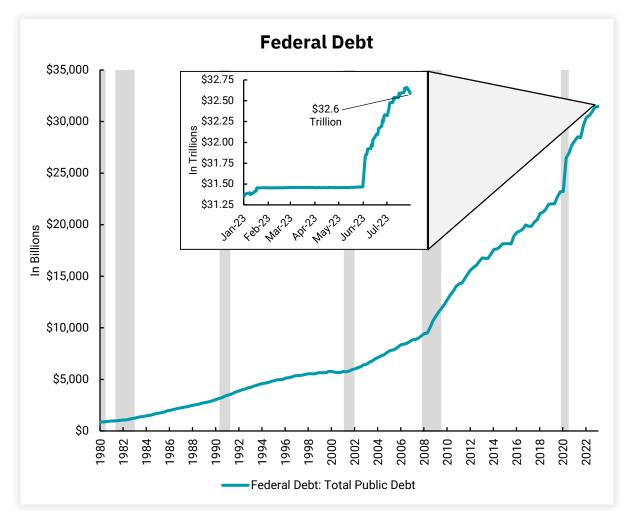
INVESTMENT MANAGEMENT

Weekly market update

Chart of the week (Aug. 04, 2023)





We continue to be impressed with the resilience of the U.S. economy. Despite the Federal Reserve's aggressive cycle of interest rate increases, with overnight rates now at the highest levels since 2001, economic growth remains positive. The most recent report on employment from the Department of Labor shows the headline unemployment rate dropping a tenth of a percent to 3.5%. Additionally, recent measures of inflation, especially at the headline level, show price increases are slowing and providing some relief to consumers.

At the same time, the employment report showed wages, a key component of core inflation, remain firm and highlight a labor market that is still unbalanced. While corporate earnings have, on balance, exceeded estimates for the second quarter of 2023, they are still lower on a year-over-year basis. In the midst of this somewhat mixed economic data, one of the major bond ratings firms, Fitch, downgraded U.S. sovereign debt from its highest rating (AAA) to one notch below (AA+). They join Standard and Poor's (S&P), who downgraded U.S. debt to the same rating back in 2011.

Not surprisingly, the response from politicians and administrative officials was not positive. Blame was quickly assigned along partisan lines, and Treasury Secretary Janet Yellen stated strong disagreement with the decision, calling it "arbitrary and based on outdated data." Several economists, too, were quick to dismiss the action based on the current economic strength of the U.S. and the recent suspension of the debt ceiling, which avoided a government default.

Fitch based their action on a "steady deterioration in standards of governance over the last 20 years" concerning "fiscal and debt matters." They also pointed to the expected "fiscal deterioration over the next three years and the high and growing general government debt burden."

One does not need to be an economist to look at this week's chart and see the upward slope of our outstanding Federal debt and notice the increasing steepness of the slope in recent years. The highlighted part of the chart is what happened as we went through our debt ceiling debate process, the flat line, and what has happened since then, an additional \$1.2 trillion in debt. This is occurring as the Federal Reserve is increasing rates, which directly impacts the amount of interest expense to the government. We can agree that the risk of default on U.S. debt is zero, but one can also say a review of our fiscal path's sustainability is warranted.

INVESTMENT MANAGEMENT

Weekly market update



Commentary (Aug. 04, 2023)

Domestic Equities

- U.S. stocks ended the week down after falling sharply mid-week on the Fitch
 U.S. credit downgrade. They then recovered some later in the week on
 positive employment and earnings news.
- The majority of U.S. companies have reported second-quarter earnings at this point, with over 80% beating earnings estimates and 65% beating sales estimates. During earnings calls, there has been a notable decline in the mention of recession risks, layoffs and input price pressures, compared to a year ago.
- Amazon reported profits well ahead of expectations and surged to a new 52week high. The online travel company Booking Holdings reported a "record summer travel season," and its stock hit an all-time high. Apple stock fell after the company reported its third consecutive quarterly revenue loss.

Bonds

- U.S. Treasury yields surged this week as investors reassessed positioning
 following the release of more positive economic data, higher-than-expected
 Treasury refunding plans and news that Fitch downgraded the U.S. sovereign
 debt. Across the Treasury market, the long-end of the curve was particularly
 weak, with this area of the market coming under additional pressure from
 firmer longer-term inflation expectations and the Japanese 10-year moving
 sharply higher.
- In international markets, the Bank of England raised the base rate by 0.25% to 5.25%, whereas the central bank of Brazil surprised markets by cutting its key Selic rate to 13.25% from 13.75%. The Bank of Japan was also forced to step into the Japanese bond markets twice this week in an effort to curb the sharp moves in rates, despite its recent announcement that it would allow the benchmark on the Japanese 10-year yields to climb as high as 1%.

International Equities

- Global investors were rattled this week as Fitch downgraded the U.S. sovereign debt from AAA to AA+.
- Foreign developed markets declined across the European and Asia Pacific regions.
- Emerging markets fell largely in response to the U.S. rating downgrade, with
 most of the losses coming from the Asia and Latin America regions. China
 released a tax relief package to support small businesses and rural
 households. The world's second-largest economy is implementing this in
 hopes of boosting its economy as it navigates slow economic growth postCOVID.

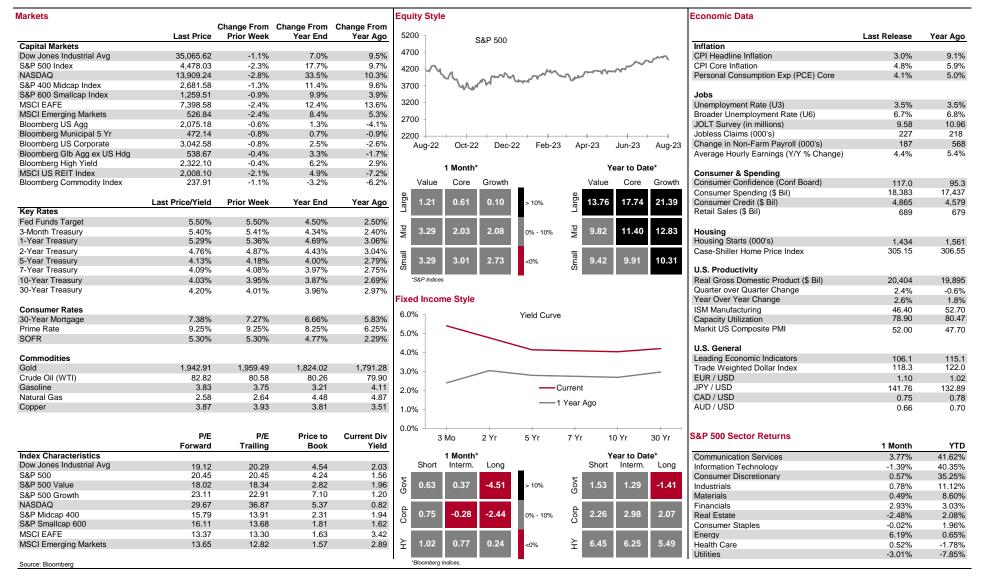
Economics

- The Bureau of Labor Statistics (BLS) reported total non-farm payroll increased 187,000 in July, well below the 12-month average of 312,000. The BLS also revised the June payroll report lower by 24,000 to 185,000. Finally, the unemployment rate was 3.5% in July and has been range bound from 3.4% to 3.7% since March 2022.
- The Job Openings and Labor Turnover Summary (JOLTS) indicated job openings were 9.6 million on the last business day in June, slightly lower than the prior month. Separations were 5.6 million in the month, a decline of 288,000 compared to May.
- Weekly initial claims for unemployment insurance were 227,000 for the week ending July 29, an increase of 6,000 from the prior week.
- The July Consumer Price Index will be released on Thursday.



Weekly Market Update

For Week Ending August 04, 2023



© 2023 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 subsidiaries including advisory services offered by BOKF, NA as the banking subsidiary of BOK Financial Corporation. BOK Financial Corporation (BOKF) offers wealth management and trust services through various affiliate companies and non-bank subsidiaries including advisory services offered by BOKF, NA as the banking subsidiary of BOKF, NA which is a division of BOKF, NA as the banking subsidiary of BOKF, NA as the banking subsidiary of BOKF, NA which is a division of

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 bely any securities in any jurisdiction. Investors should understand that statements reparting (future prospects may not be realized. Information contained herein has been obtained from sources believed to be reliable, but not quaranteed.

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. 2023 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