

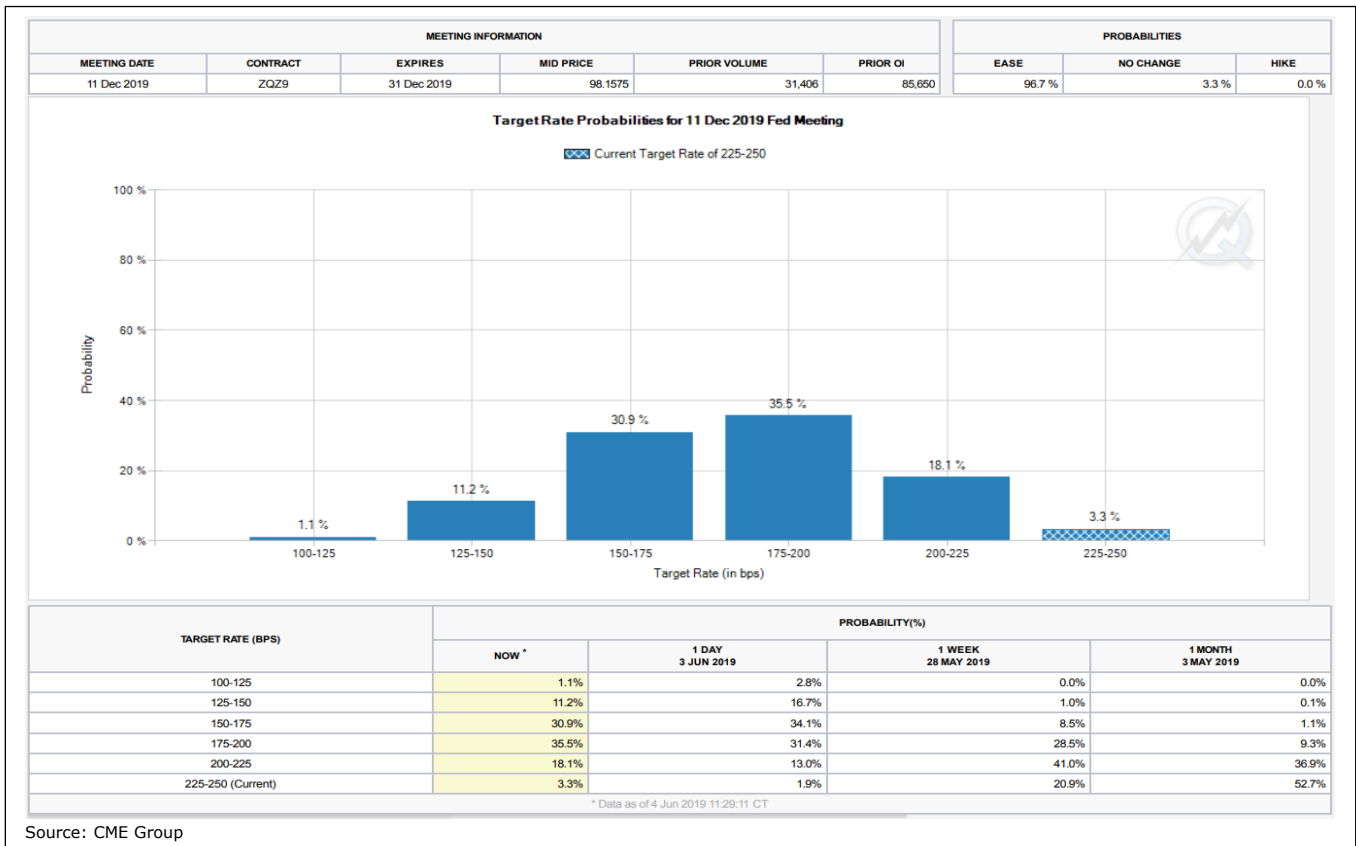


Please refer to Appendix – Important Disclosures.

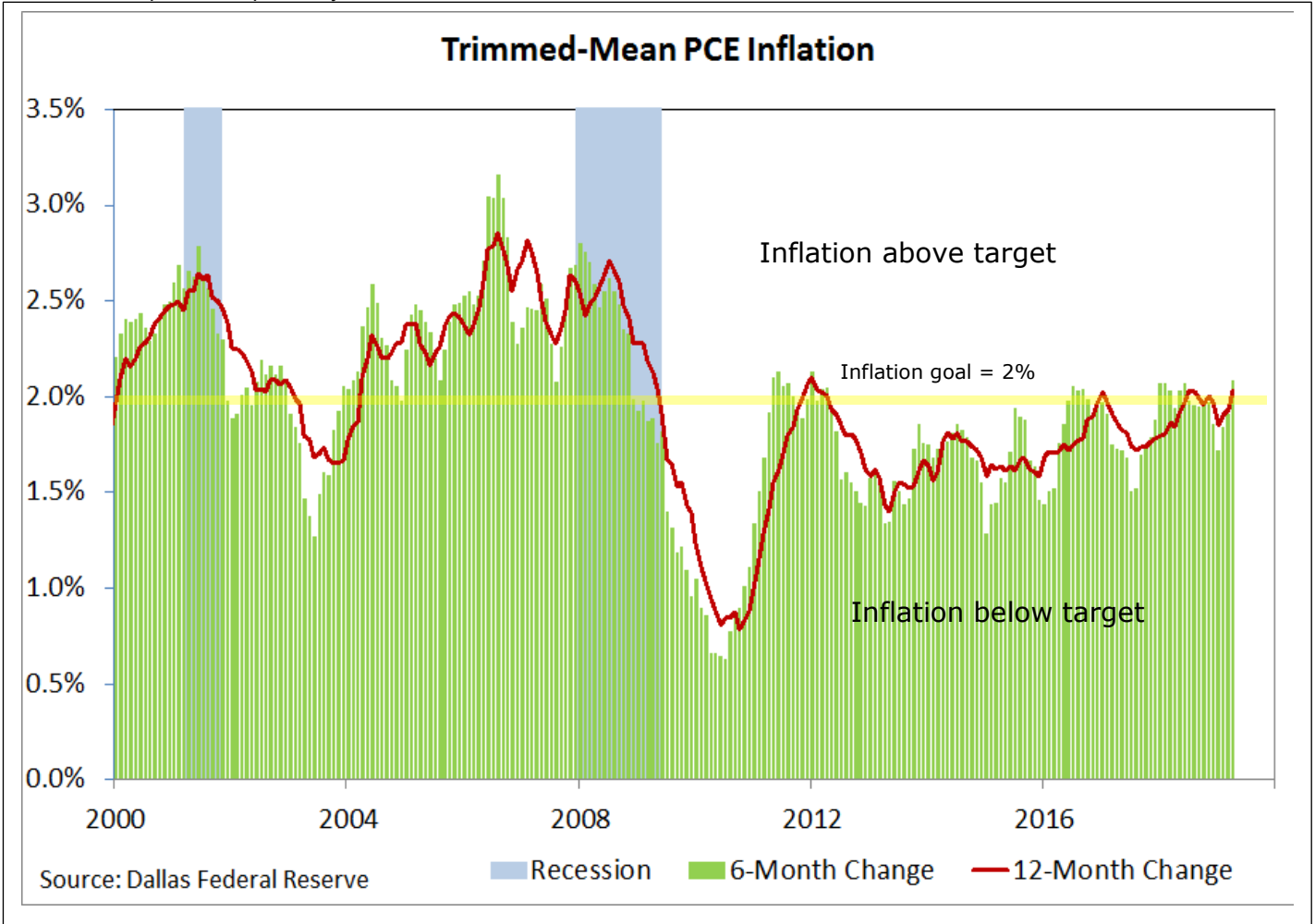
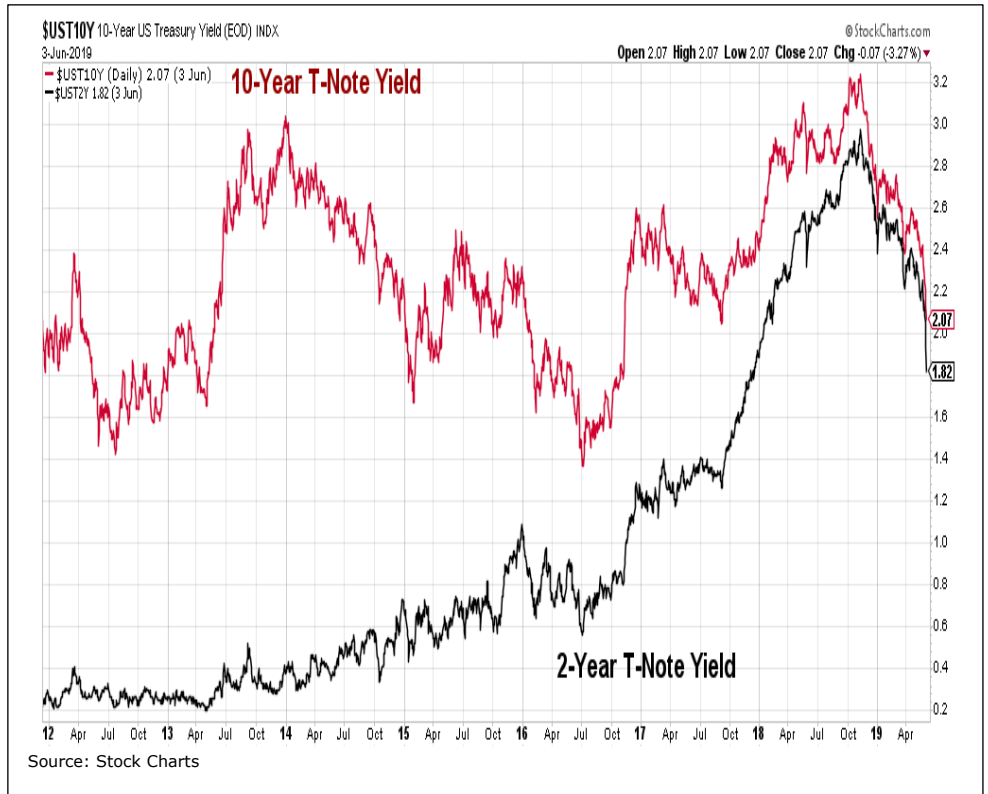
Rate Cut Expectations Getting Ahead of Fed Intentions

Key Takeaways: Interest rate cut expectations have soared over the past month and Treasury yields have moved to their lowest levels since 2017. Inflation continues to drift higher. Absent a significant drop in business confidence, moderating economic activity is likely to represent cyclical slowing rather than a precursor to recession.

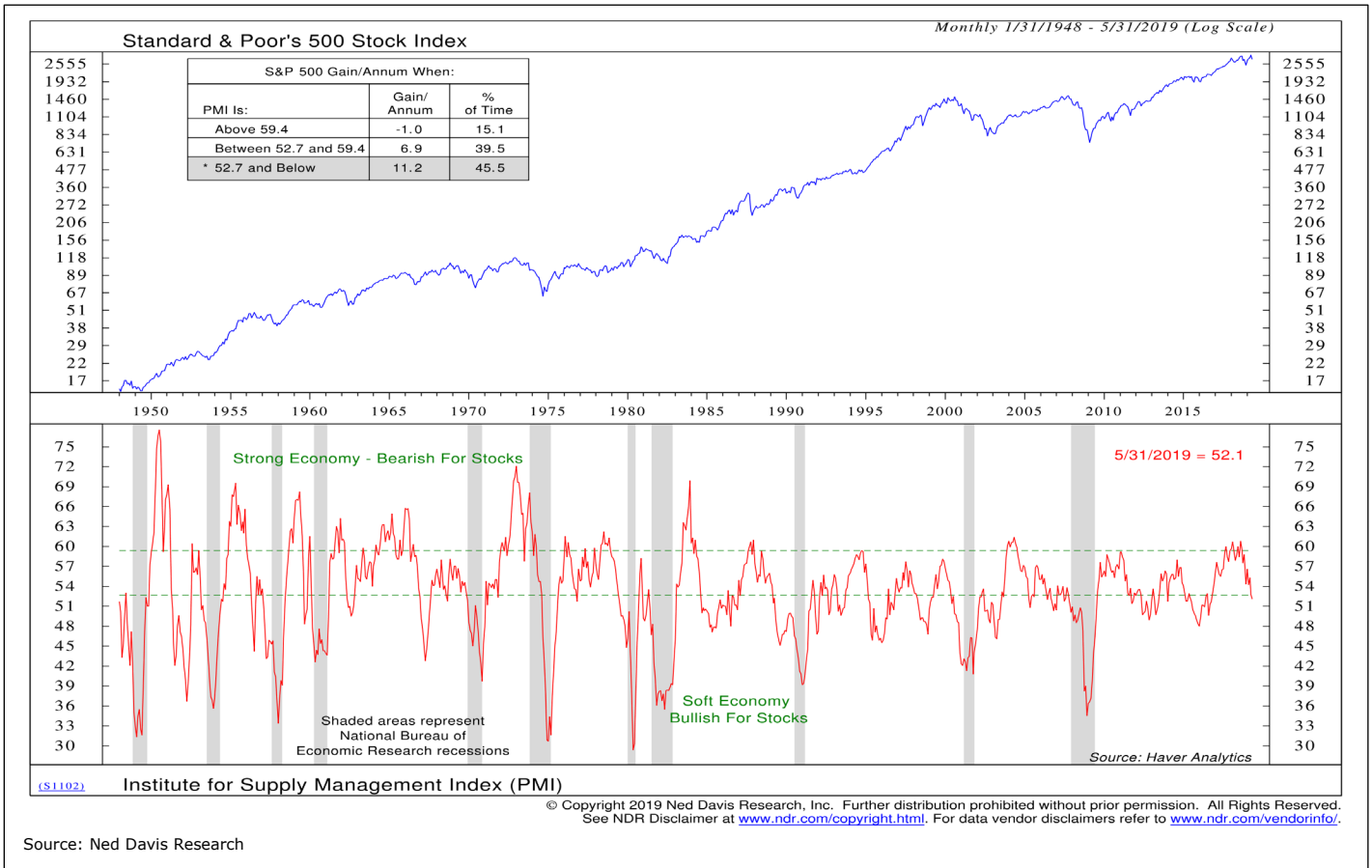
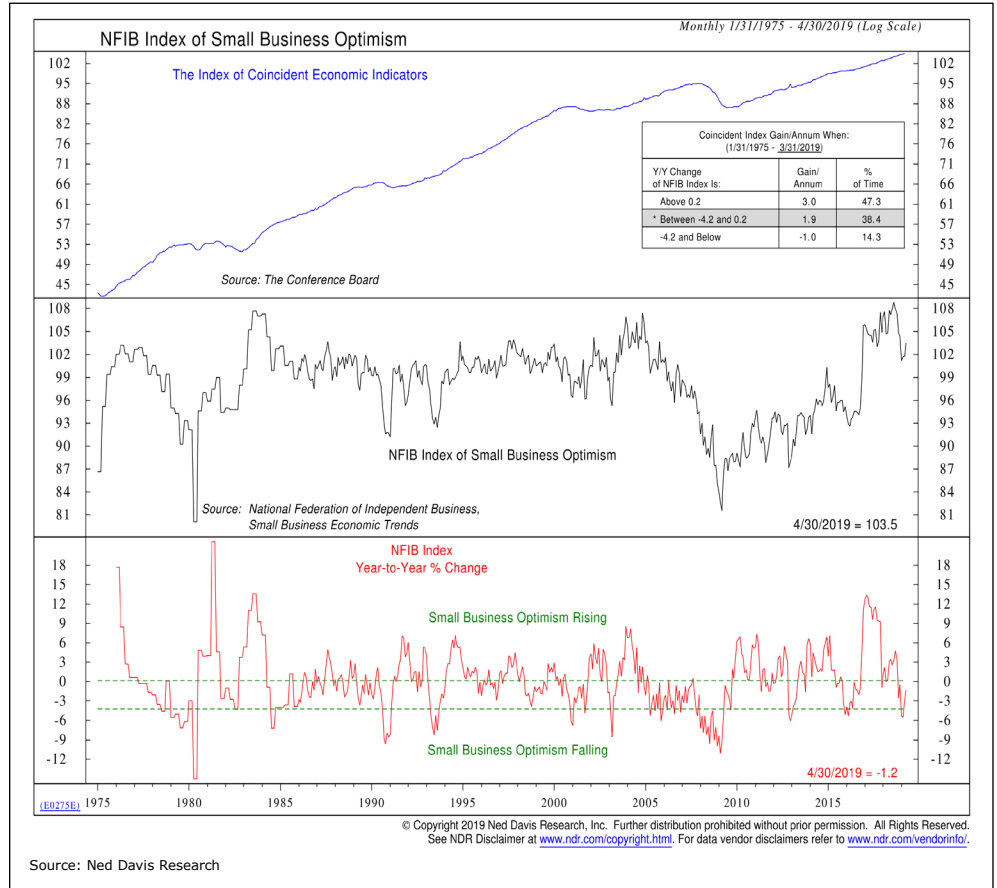
Rising trading tensions and other evidence of global economic uncertainty has led to a notable uptick in expectations that the Federal Reserve is going to be cutting interest rates sooner rather than later. Data from the CME group shows a 97% chance of a rate cut by the end of 2019, with the probability distribution showing a better than 1 in 3 chance of 50 basis points of easing between now and then. Individual economists have joined this chorus as well, with some looking for “insurance cuts” beginning as early as July. For perspective, a month ago there was a better than even chance of no cuts in 2019. At this point, the Fed appears to be playing a game of chicken with both the fed funds futures market and President Trump. At least some on the Fed have expressed reluctance to be handcuffed by market expectations and there may be hesitancy to lower rates as a result of a reversible, self-inflicted economic wound (higher tariffs). Our view is that despite the reaction in the bond market, neither incoming inflation nor activity data support rate cuts at this point.



Yields on both the 2-year and 10-year T-Notes have fallen by more than one percentage point since late 2018 and are at their lowest levels since 2017. The drop in yields has accelerated over the past month, echoing the view expressed in the fed funds futures market that rate cuts are imminent. One of the arguments in favor of an “insurance” cut is that inflation has been undershooting the Fed’s target. Core PCE inflation has weakened, but other measures of inflation (the Dallas Fed’s Trimmed-Mean measure has been cited by multiple Fed officials) have been more stable. While this may appear to be goal post shifting on the part of the Fed, the academically rigorous Trimmed-Mean PCE does a better job of discerning inflation trends than does the core index, which emerged as a matter of political expediency.



Expectations about the fallout from trade tensions have moved ahead of the data (helping explain the disconnect between the market the Fed). This increased uncertainty comes at a time when U.S. growth was already moderating and global economic conditions remained fragile. While it is true that all recessions have come with deterioration in the Purchasing Managers Index (PMI), only a fraction of all instances of PMI weakness have occurred within the context of a recession. It is also worth noting that stocks actually do well in periods of less than robust growth as measured by the PMI. We will continue to watch economic confidence indexes for evidence that cyclical slowing is morphing into something worse. So far this has not been seen, and both small business and consumer confidence have actually rebounded recently.



Appendix – Important Disclosures and Analyst Certification

Analyst Certification

The senior research analyst(s) certifies that the views expressed in this research report and/or financial model accurately reflect such senior analyst's personal views about the subject securities or issuers and that no part of his or her compensation was, is, or will be directly or indirectly related to the specific recommendations or views contained in the research report.

Disclaimers

This is not a complete analysis of every material fact regarding any company, industry or security. The opinions expressed here reflect our judgment at this date and are subject to change. The information has been obtained from sources we consider to be reliable, but we cannot guarantee the accuracy.

ADDITIONAL INFORMATION ON COMPANIES MENTIONED HEREIN IS AVAILABLE UPON REQUEST

The Dow Jones Industrial Average, S&P 500, S&P 400 and Russell 2000 and any other indices mentioned are unmanaged common stock indices used to measure and report performance of various sectors of the stock market; direct investment in indices is not available. Baird is exempt from the requirement to hold an Australian financial services license. Baird is regulated by the United States Securities and Exchange Commission, FINRA, and various other self-regulatory organizations and those laws and regulations may differ from Australian laws. This report has been prepared in accordance with the laws and regulations governing United States broker-dealers and not Australian laws.

United Kingdom (“UK”) disclosure requirements for the purpose of distributing this research into the UK and other countries for which Robert W. Baird Limited holds a MiFID passport.

The contents of this report may contain an "investment recommendation", as defined by the Market Abuse Regulation EU No 596/2014 ("MAR"). This report does not contain a "personal recommendation" or "investment advice", as defined by the Market in Financial Instruments Directive 2014/65/EU ("MiFID"). Please therefore be aware of the important disclosures outlined below. Unless otherwise stated, this report was completed and first disseminated at the date and time provided on the timestamp of the report. If you would like further information on dissemination times, please contact us. The views contained in this report: (i) do not necessarily correspond to, and may differ from, the views of Robert W. Baird Limited or any other entity within the Baird Group, in particular Robert W. Baird & Co. Incorporated; and (ii) may differ from the views of another individual of Robert W. Baird Limited.

This material is distributed in the UK and the European Economic Area ("EEA") by Robert W. Baird Limited, which has an office at Finsbury Circus House, 15 Finsbury Circus, London EC2M 7EB and is authorized and regulated by the Financial Conduct Authority ("FCA") in the UK.

For the purposes of the FCA requirements, this investment research report is classified as investment research and is objective. This material is only directed at and is only made available to persons in the EEA who would satisfy the criteria of being "Professional" investors under MiFID and to persons in the UK falling within Articles 19, 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"). Accordingly, this document is intended only for persons regarded as investment professionals (or equivalent) and is not to be distributed to or passed onto any other person (such as persons who would be classified as Retail clients under MiFID).

All substantially material sources of the information contained in this report are disclosed. All sources of information in this report are reliable, but where there is any doubt as to reliability of a particular source, this is clearly indicated. There is no intention to update this report in future. Where, for any reason, an update is made, this will be made clear in writing on the research report. Such instances will be occasional only.

Investment involves risk. The price of securities may fluctuate and past performance is not indicative of future results. Any recommendation contained in the research report does not have regard to the specific investment objectives, financial situation and the particular needs of any individuals. You are advised to exercise caution in relation to the research report. If you are in any doubt about any of the contents of this document, you should obtain independent professional advice.

Robert W. Baird Limited and Robert W. Baird & Co. Incorporated have in place organisational and administrative arrangements for the prevention, avoidance, and disclosure of conflicts of interest with respect to research recommendations. Robert W. Baird Limited's Conflicts of Interest Policy, available [here](#), outlines the approach Robert W. Baird Limited takes in relation to conflicts of interest and includes detail as to its procedures in place to identify, manage and control conflicts of interest. Robert W. Baird Limited and or one of its affiliates may be party to an agreement with the issuer that is the subject of this report relating to the provision of services of investment firms. Robert W. Baird & Co. Incorporated's policies and procedures are designed to identify and effectively manage conflicts of interest related to the preparation and content of research reports and to promote objective and reliable research that reflects the truly held opinions of research analysts. Robert W. Baird & Co. Incorporated's research analysts certify on a quarterly basis that such research reports accurately reflect their personal views.

This material is strictly confidential to the recipient and not intended for persons in jurisdictions where the distribution or publication of this research report is not permitted under the applicable laws or regulations of such jurisdiction.

Robert W. Baird Limited is exempt from the requirement to hold an Australian financial services license and is regulated by the FCA under UK laws, which may differ from Australian laws. As such, this document has not been prepared in accordance with Australian laws.

Copyright 2019 Robert W. Baird & Co. Incorporated