

Please refer to Appendix - Important Disclosures.

Price Gains Overstating Health of the Rally

Key Takeaways: - Ongoing volatility reduces value of price signals

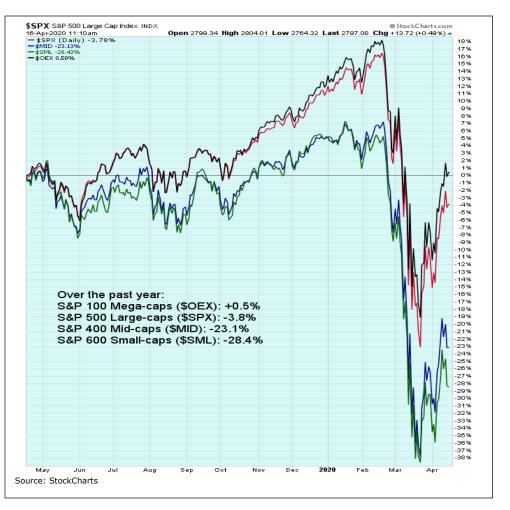
- Mega-caps lead but other areas not following
- Time needed to build base of support for sustainable uptrend

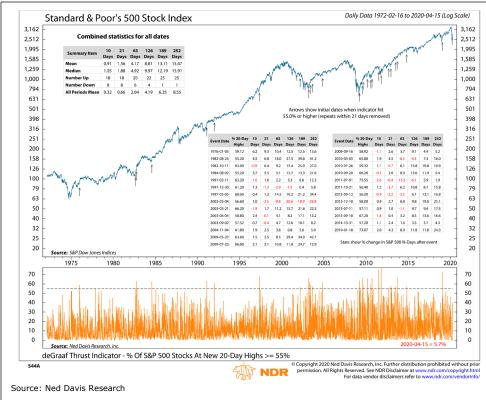
At times gauging the health of a rally might be as straightforward as looking at price trends. The S&P 500 fell 34% from its February peak to its March low and rallied 27% from that level to its recent peak (earlier this week). Both the selling in March and rallying in April went further than many were expecting. While price gains and losses garner headlines, price can also reflect emotion. While its useful to lean on history to provide investors with useful context, each episode, however, has its own distortions and a signature that makes it unique. This episode's signature is likely the abruptness with which financial market and economic weakness have emerged and the volatility that has ensued.

Because of this volatility, price moves alone may not be a good measure of rally strength. Absent some re-scaling, daily price moves over the past two months (both to the upside and the downside) would have been literally off the chart. Some perspective, the maximum peak-to-trough decline for all of 2017 was an exceptionally low 2.8%. Fourteen different individual trading days over the past two months have seen single-day declines in excess of that (there have also been eleven trading days with gains in excess of 2.8%). The point is that volatility is exaggerating the moves seen in the stock market and reducing some of the usefulness of price signals. In such a situation, we can look beyond just price to see what is happening beneath the surface of the market and between various segments of the financial markets.



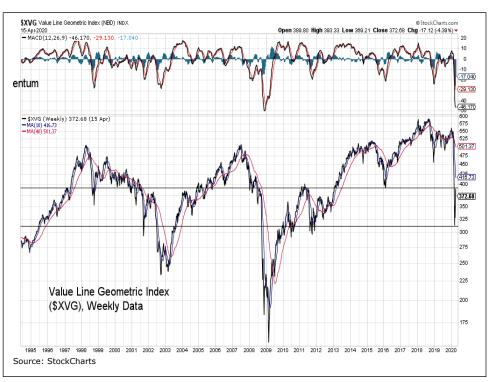
William A. Delwiche, CMT, CFA Investment Strategist wdelwiche@rwbaird.com 414.298.7802 Twitter: @WillieDelwiche History shows that small-caps bear the brunt of the weakness during downturns but then lead on the way out of recession-related bear markets. The pattern of the past year shows mega-caps and largecaps holding up much better than their mid-cap and small-cap brethren. This can be seen across indexes (as in the chart to the right) and also within indexes. The S&P 500 overall is down 4% over the past year but this masks a divergence between six strong performers that are up 25% over in that time period and the remainder of the index (494 stocks) that is down 9% overall. Relative weakness in small-caps versus large-caps is more consistent with a bounce off of the lows than a sustainable turn in the longer-term trend.





The volatility of the recent price moves can add to some seemingly indications conflicting from а breadth perspective as well. For example, while Strategas Research points out that 99% of stocks have moved above their 20-day averages, the percentage of stocks making new 20-day highs has not even reached 50%. Getting this above 55% would provide further evidence of broad-market healing that is necessary to support a sustained price rally. While some of the faster moving indicators are showing strength, they are also prone to early signals. We want to follow a sustained trend higher.

Some things become most obvious in retrospect. The failure of the Value Line Geometric Index to join other indexes in making a new high in 2019 seems now like an obvious warning sign. As such, it is hard to look past its decline in 2020 to a level it first crossed in the mid-1990's. This broad index which reflects the price move of the median stocks has endured substantial damage from both а price and momentum perspective. While price swings have been rapid over the past two months, time may be an underappreciated element needed for healing and repair to occur.





In addition to seeing improving conditions within the stock market and between various areas of the stock market, the robustness of a rally can be evaluated across various financial assets. The price improvement in the S&P 500 since its March low has outpaced the move in copper prices and bond yields. A sustainable ascent for stocks will likely not only have broad underlying support from a breadth perspective, but also be accompanied by higher copper prices and rising bond yields. Copper has moved off of its lows, but is hardly strong (especially when compared to gold). Bond yields have struggled to move higher at all.

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.

Market Commentary

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 <u>here</u>, 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 negative 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 2020 Robert W. Baird & Co. Incorporated