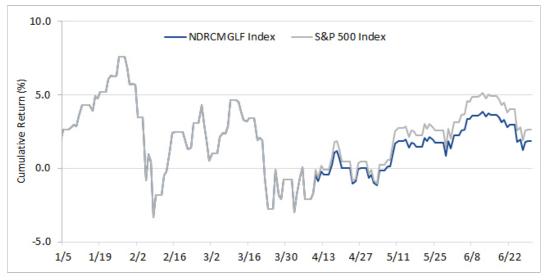


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Market Pulse<sup>TM</sup>: Momentum Reinforces Equity Signal- VanEck
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Source: FactSet. Data as of June 30, 2018. Past performance is no guarantee of future performance. Index performance is not indicative of fund performance. Indices are not securities in which investments can be made. Index returns do not reflect a deduction for fees & expenses. See index descriptions and additional disclosures below.

The Price of Insurance

In general, the S&P 500 Index's 2.6% year-to-date performance was positively driven by its allocations to the technology and consumer discretionary sectors, while allocations to the financials and consumer staples sectors detracted from returns.¹ However, the NDRCMGLF Index has lagged the S&P 500 by 0.46% (+2.2% vs. +2.6%, respectively) since its model de-risked in April and allocated 20% to T-bills.

The model informing the Index can only, at most, keep pace with the S&P 500 during bull markets, as it is designed to outperform during market drawdowns by raising cash to limit losses. By limiting significant portfolio drawdowns, investors can be positioned to gain during market rebounds rather than having to spend that time recuperating losses. Underperformance, such as what has been seen year to date, may possibly be considered the cost of insurance toward limiting those losses from a significant market downturn—particularly if that drawdown resembles the magnitude of the last two major recessions in 2008-2009 and 2001-2002.

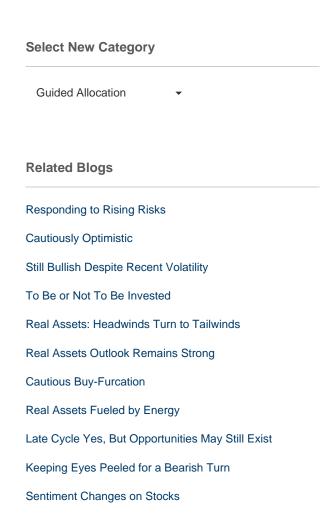
As noted, the model's composite score has trended under 65 more recently. Should the model's composite score turn up and exhibit a meaningful positive trend, it would trigger a 100% equity allocation. However, if the negative trend persists, pushing the model's composite score below 60, for example, it would signal greater market breakdown and a 40% equity allocation, as illustrated in the table below.

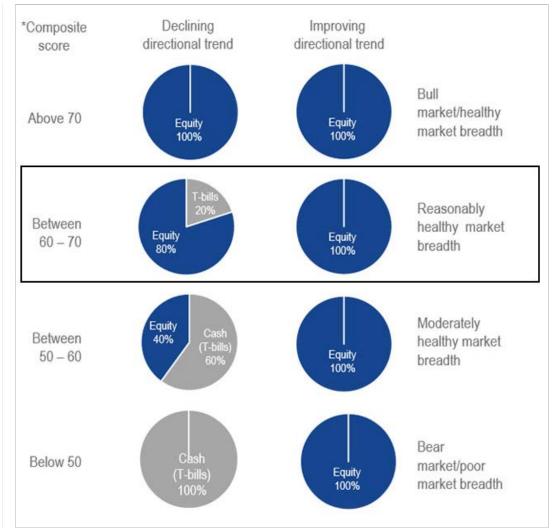
Allocations Based on Both the Composite Score and Its Directional Trend

Authored by



Meredith Larson Senior Product Manager, ETFs







How the NDRCMG Model Works

The NDRCMGLF Index's model measures the overall health of the market through an evaluation of market breadth. In this case, market breadth refers to advancing and declining price trends and countertrends at the GICS^{®2} industry level. The model computes a robust moving average score daily³ to capture multi-industry and multi-term trend and countertrend measures to gauge overall market health. It then calculates the score's directional trend to see if it is improving or declining. Collectively, the score and its directional trend determine the equity allocation of either 100%, 80%, 40%, or 0% – in which case it would be allocated to cash.⁴

Models Don't Panic

Objectivity Amid Volatility

The January Effect: Fact or Fiction

Bad Breadth

The Sentimental Bull

The Bulls Run Again

Movement Below the Surface

Take a Deep "Breadth" of the Bullish Air

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Why Market Breadth Is Ideal for Guided Equity Allocation

There are a few key reasons why measuring market breadth provides sound trend analysis for guiding equity allocations. The Index's co-developer, Steve Blumenthal of CMG Capital Management Group, Inc., wrote a whitepaper, *Risk Management for all Markets*, detailing this tactical approach. Mainly, market breadth has typically weakened before top-line prices have at major market peaks and breadth thrusts⁵ often occur just before major bull market recoveries. Furthermore, the S&P 500 is considered a very efficient market, meaning the underlying securities' fundamentals and macro environmental factors tend to be priced in almost immediately.

Investors can access this equity risk-managed approach through VanEck Vectors[®] NDR CMG Long/Flat Allocation ETF (LFEQ[®]), which was developed to offer guided equity allocation by trading into and out of the market automatically for its investors. This strategy seeks to minimize losses from potential market drawdowns typical of traditional buy-and-hold or static strategies.

IMPORTANT DEFINITIONS AND DISCLOSURES

¹Source of all data unless otherwise noted: FactSet and Ned Davis Research. Data as of 6/30/2018.

²Global Industry Classification Standard (GICS[®]) is a widely accepted equity securities classification system developed by Morgan Stanley Capital International (MSCI) and Standard & Poor's.

³While the NDRCMGLF Index's model computes a daily score, it does not mean that the allocations will change on a daily basis. The model is measuring multiple trends and countertrends over multiple terms, across multiple industries to assess market health and meaningful market trends. The model has produced five (5) trades year to date.

⁴When allocated to a percentage of equities (long), that portion of the Ned Davis Research CMG US Large Cap Long/Flat Index will comprise the S&P 500[®] Index. When allocated to a percentage of cash (flat), that portion of the Index will be allocated to the Solactive 13-week U.S. T-bill Index.

⁵Source: Ned Davis Research. Breadth thrust is a technical indicator used to ascertain market momentum and signals the start of a potential new bull market after what may have been an oversold market.

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Ned Davis Research CMG US Large Cap Long/Flat Index is a rules-based index that follows a proprietary model developed by Ned Davis Research, Inc. in conjunction with CMG Capital Management Group, Inc. The model produces daily trade signals to determine the Index's equity allocation percentage (100%, 80%, 40%, or 0%). When allocated to a percentage of equities (long), that portion of the Index will comprise the S&P 500 Index. When allocated to a percentage of cash (flat), that portion of the Index will be allocated to the Solactive 13-week U.S. T-bill Index.

Solactive 13-week U.S. T-bill Index is a rules-based index mirroring the performance of the current U.S. 13-week T-bill.

S&P 500[®] Index consists of 500 widely held U.S. common stocks covering industrial, utility, financial and transportation sector

VanEck Vectors[®] NDR CMG Long/Flat Allocation ETF (LFEQ, or the Fund) provides risk-managed exposure to S&P 500 equities using multiple technical indicators that help determine when to be in the market and by how much. The Fund seeks to track its respective Index, designed by Ned Davis Research, Inc. (NDR) and CMG Capital Management Group, Inc. (CMG).

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