S&P 500

Russell 3000

Russell 2000

Russell 1000

MSCI EM

MSCI ACWI

MSCI World

MSCI EAFE

ICE BofA Global Cv Index

Russell Mid Cap

| WEEKLY HEADLINES | BROAD INDEX PERFORMANCE ¹ | MORNINGSTAR ALTERNATIVE CATEGORIES ¹ | | | |
|---|--------------------------------------|---|--|-------|--|
| Calamos Alternatives Snaps August 31, 2020 (data as of August 28, 2020 unless | | | | CALAN | |
| | | | | | |

1 week

3.29

3.19

1.69

3.28

2.39

2.76

2.75

2.74

1.69

2.06

MTD

7.41

7.38

6.73

7.42

4.07

4.10

6.43

6.77

5.19

4.81

QTD

13.47

13.48

9.69

13.71

10.18

13.50

12.10

11.91

7.66

11.58

1.5%

Stock Market Bears Are Almost Extinct Having been "steamrolled by a rally whose velocity is the strongest in decades, bears are giving up," Bloomberg reported last week.

At the start of August, the median S&P 500 stock had outstanding short interest equivalent to just 1.8% of market capitalization, the lowest level since at least 2004, according to Bloomberg citing Goldman Sachs Group data (see chart in bottom right). All major sectors except energy saw bearish bets sitting in the bottom decile.

Described as "another illustration of how risky it has become to doubt the resilience of the market's \$13 trillion surge since late March," the low in short interest is despite a recession, stagnating profits and the prospect of a messy presidential election.

"At 26 times forecast earnings, the S&P 500 [last week] was trading at the highest multiple since the dot-com era," the article noted.

Economic Releases vs. Consensus (week of 8/24) New Home Sales (m/m): 13.9% vs. 1.3%

Durable Goods (m/m): 11.2% vs. 4.3% 2Q Est. GDP Growth (q/q): -31.7% vs. -32.5% Economic Releases (week of 8/31)

ADP Employment (9/2)

Balance of Trade (9/3) Non Farm Payrolls (9/4)

Energy LPs

| Non Faith Paylons (3/4) | | | | | | | | |
|--|------|-------|-------|-------|-------|--|--|--|
| MORNINGSTAR WEEKLY EST. NET FLOWS (\$MIL) ¹ | | | | | | | | |
| | Last | 2 Wks | 3 Wks | 4 Wks | Week | | | |
| | Week | Ago | Ago | Ago | Strea | | | |
| Options-based | 121 | 170 | 121 | 72 | 13 | | | |
| Market Neutral | 114 | 106 | 64 | 82 | 4 | | | |
| Commodities Broad | 106 | 1 | 3 | 205 | 5 | | | |
| Infrastructure | 61 | (14) | (36) | 11 | 1 | | | |
| Convertibles | 40 | 27 | 39 | 58 | 22 | | | |
| Bear Market | 3 | (0) | (5) | 12 | 1 | | | |
| Multicurrency | 2 | 2 | 1 | 0 | 3 | | | |
| Long-Short Credit | (3) | (13) | (24) | (16) | (4) | | | |
| Real Estate | (24) | (30) | (94) | (42) | (12) | | | |
| Long-Short Equity | (25) | 4 | (75) | 31 | (1) | | | |
| Nontraditional Bond | (30) | 79 | 151 | 323 | (1) | | | |
| Multialternative | (72) | 38 | (15) | (52) | (1) | | | |

(83)

(69)

(63)

(134)

(21)

| ICE BofA All U.S. Cv (VXA0) | | | 2.03 | 7.19 | 14.97 | | | |
|--|---------------------------|---------|--------------|-------------|--------|------|--|--|
| ICE BofA US HY Master II | | 0.78 | 0.93 | 5.7 | 75 | | | |
| BBgBarc US Agg Bond | | -0.51 | -1.04 | 0.4 | 14 | | | |
| BBgBarc | US Govt | /Credit | -0.73 | 3 -1.48 0.5 | | 50 | | |
| COMMODITIES ² | | | | | | | | |
| | | | 8.28.20 | 7.31.2 | 0 12.3 | 1.19 | | |
| Gold | | | 1956 | 1975 | 15 | 23 | | |
| Oil | | | 42.4 | 41.5 | 61 | .7 | | |
| Gasoline | | | 2.18 | 2.18 | 2.5 | 57 | | |
| | | | | | | | | |
| MARKI | MARKET PULSE ¹ | | | | | | | |
| MONTH-TO-DATE | | As of | YEAR-TO-DATE | | | | | |
| VALUE | CORE | GROWTH | 8/28/2020 | VALUE | CORE | GROW | | |
| 5.01 | 7.42 | 9.65 | LARGE | -8.59 | 10.51 | 29.6 | | |
| 5.02 | 4.07 | 2.38 | MID | -9.91 | 0.13 | 15.1 | | |
| 7.17 | 6.73 | 6.32 | SMALL | -16.32 | -4.55 | 6.6 | | |
| Past performance is not indicative of future results. This material is provided for internal and educational purposes only and should not be construed as investment advice or an offer or solicitation to buy or sell | | | | | | | | |

| | | | 8.28.20 | 7.31.2 | 0 12.3 | 1.19 | 8.28.19 | |
|---------------|--------|-----------------|--------------|--------|--------|------|---------|-----|
| d | j | | 1956 | 1975 | 15 | 23 | 1527 | |
| | | 42.4 | 41.5 | 61 | .7 | 55.1 | | |
| oline | | 2.18 | 2.18 | 2.5 | 57 | 2.57 | | |
| | | | | | | | | |
| ARKI | ET PUL | SE ¹ | | | | | | S&I |
| MONTH-TO-DATE | | As of | YEAR-TO-DATE | | | | Me | |
| LUE | CORE | GROWTH | 8/28/2020 | VALUE | CORE | GROW | /TH | 4 |
| .01 | 7.42 | 9.65 | LARGE | -8.59 | 10.51 | 29.6 | 8 | 3 |
| .02 | 4.07 | 2.38 | MID | -9.91 | 0.13 | 15.1 | .5 | 3 |
| .17 | 6.73 | 6.32 | SMALL | -16.32 | -4.55 | 6.63 | 1 | 2 |
| | | | | | | | | 2 |

securities. Source: 1Morningstar (Net Flows as of previous Wed.), 2St. Louis Federal Reserve (FRED Database). FOR INVESTMENT

PROFESSIONAL USE ONLY.

MORNINGSTAR ALTERNATIVE CATEGORIES 1 week MTD **QTD**

YTD YTD 9.97 **Commodities Broad Basket** 2.25 5.40 11.33 -10.21 9.53 Real Estate 2.03 1.89 6.17 -11.29 -4.55 Convertibles 1.85 5.00 11.75 19.63 10.51 Long-Short Equity 1.36 3.36 6.49 0.10 0.13 Options-based 0.94 2.49 5.21 1.10 2.52 Multialternative 0.58 1.21 3.00 -2.62 5.39 **Managed Futures** 0.50 -0.361.27 -0.75-7.10 5.78 Infrastructure 0.48 1.72 5.33 -4.25Multicurrency 0.39 0.18 0.45 -0.1316.02 **Nontraditional Bond** 0.23 0.64 2.56 -0.2723.30 **Long-Short Credit** 0.14 0.22 2.34 0.09 0.70 Market Neutral -0.44-0.140.78 -2.606.60 **Energy Limited Partnership** -1.093.24 2.73 -29.95 7.74 **Bear Market** -4.33 -9.22 -15.54 -23.10 BOND RATES²

8.28.20

0.09

0.16

0.74

1.62

2004 2006 2008 2010 2012 2014 2016 2018 2020 2022

S&P 500 SHORT INTEREST IS THE LOWEST IN AT LEAST 15 YEARS

12.31.19

1.55

1.58

1.92

2.55

7.31.20

0.09

0.11

0.55

1.41

8.28.19

2.12

1.50

1.50

2.34

Median S&P 500 stock short interest as % of market cap 4.0% 3.5%

Source: FactSet, Goldman Sachs Global Investment Research

Effective Fed Funds Rate

ICE BofAML US Corp. AAA

2-Year Treasury

10-Year Treasury



Definitions and Disclosures

The **Nontraditional Bond** category contains funds that pursue strategies divergent in one or more ways from conventional practice in the broader bond-fund universe. **Multialternative** funds offer investors exposure to several different alternative investment tactics. Funds in this category have a majority of their assets exposed to alternative strategies. **Bear Market** funds dedicate a majority of the fund's assets to equities. Most of the portfolio is dedicated to short stock positions in an attempt to take advantage of anticipated market or stock declines. **Managed Futures** funds primarily trade liquid global futures, options, swaps, and foreign exchange contracts, both listed and over-the-counter. **Commodities Broad-basket portfolios** can invest in a diversified basket of commodity goods including but not limited to grains, minerals, metals, livestock, cotton, oils, sugar, coffee, and cocoa. **Commodities Precious Metals** can invest in precious metals such as gold, silver, platinum, and palladium. **Energy Limited Partnership** strategies invest a significant amount of their portfolio in energy master limited partnerships, also known as MLPs. **Multicurrency** portfolios invest in multiple currencies through the use of short-term money market instruments; derivative instruments including and not limited to forward currency contracts, index swaps, and options; and cash deposits. **Market Neutral** funds attempt to reduce systematic risk created by factors such as exposures to sectors, market-cap ranges, investment styles, currencies, and/or countries. **Real Estate** portfolios invest primarily in real estate investment trusts of various types. REITs are companies that develop and manage real estate properties. **Convertible-bond portfolios** are designed to offer some of the capital-appreciation potential of stock portfolios while also supplying some of the safety and yield of bond portfolios. **Options-based** funds use options are a central component of their investment strategies. **Long-Short Credit** funds seek to pro

The S&P 500 Index is considered generally representative of the U.S. equity market. The MSCI World Index is considered generally representative of the market for developed market equities. The MSCI Emerging Markets Index is a free float adjusted market capitalization index cited as a measure of the performance of emerging market equities. The MSCI ACWI Index is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed and emerging markets. The MSCI EAFE Index (Europe, Australasia, Far East) is a free float-adjusted market capitalization index that is designed to measure the equity market performance of developed markets, excluding the US & Canada. The Russell 3000 Index measures the performance of 3,000 publicly held US companies based on total market capitalization, which represents approximately 98% of the investable US equity market. The Russell 2000 Index measures the performance of the small-cap segment of the U.S. equity universe and includes approximately 2000 of the smallest securities based on a combination of their market cap and current index membership. The Russell 1000 Index measures the performance of the large-cap segment of the U.S. equity universe and includes approximately 1000 of the largest securities based on a combination of their market cap and current index membership. The Russell Midcap Index measures the performance of the mid-cap segment of the U.S. equity universe and includes approximately 800 of the smallest securities based on a combination of their market cap and current index membership. The ICE BofA U.S. High Yield Master II Index tracks the performance of U.S. dollar denominated below investment grade rated corporate debt publically issued in the U.S. domestic market. The Bloomberg Barclays Capital U.S. Aggregate Bond Index covers the U.S.-denominated, investment-grade, fixed-rate, taxable bond market of SEC registered securities. The Bloomberg Barclays U.S. Government/Credit Index is comprised of long-term government and investment-grade corporate debt securities and is generally considered representative of the performance of the broad U.S. bond market. The ICE BofA Global 300 Cv Index (VG00) is a \$US/Local-denominated unmanaged index generally indicative of the overall global convertible market. The ICE BofA All U.S. Convertibles Index (VXAO) is comprised of approximately 700 issues of only convertible bonds and preferreds of all qualities. Source ICE Data Indices, LLC, used with permission. ICE permits use of the ICE BofA Indices and related data on an 'as is' basis, makes no warranties regarding same, does not guarantee the suitability, quality, accuracy, timeliness, and/or completeness of the ICE BofA Indices or data included in, related to, or derived therefrom, assumes no liability in connection with the use of the foregoing and does not sponsor, endorse or recommend Calamos Advisors LLC or any of its products or services.

Oil - West Texas Intermediate (WTI - Cushing): A crude stream produced in Texas and southern Oklahoma which serves as a reference or "marker" for pricing a number of other crude streams and which is traded in the domestic spot market at Cushing, Oklahoma. Gasoline: Weighted average based on sampling of approximately 900 retail outlets, 8:00AM Monday. The price represents self-service unless only full-service is available and includes all taxes. Gold - Gold Fixings Price: The Fixings are an open process at which market participants can transact business on the basis of a single quoted price. Orders can be changed throughout the proceedings as the price is moved higher and lower until such time as buyers' and sellers' orders are satisfied and the price is said to be 'fixed'. Orders executed at the fixings are conducted as principal-to-principal transactions between the client and the dealer through whom the order is placed.

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