Calamos Alternatives Snapshot

September 6, 2022 (data as of August 31, 2022 unless indicated)



QTD

0.03

2.24

-1.01

1.46

1.00

0.71

0.60

4.83

0.83

2.61

0.99

1.81

1.93

2.16

13.02

0.08

0.75

1.55

2.03

7.31.22 12.31.21

-0.45

0.12

-0.63

-0.26

-0.38

0.02

-2.02

-2.22

-0.89

-3.47

-2.99

-5.91

1.65

1.58

2.89

2.67

-3.33

-3.48

-3.75

-4.23

2.33

3.45

3.15

YTD

15.98

-3.47

2.07

-1.91

-5.74

-3.50

-1.51

-14.90

-8.90

-9.04

20.58

-9.91

-6.04

-18.30

23.57

8.31.21

0.09

0.20

1.30

1.80

So Far, the Retail Investor Has Provided Stability, Support

WEEKLY HEADLINES

More data is being shared about the role of retail investors during this volatile year:

- A Yahoo Finance article reports that "huge sums parked in buy-and-hold investment products are cushioning equities from a bigger rout." Such accounts total \$6.7 trillion, approximately one-sixth of the US market. Their share of all domestic equity funds rose 4 percentage points since the end of 2020, according to Bloomberg Intelligence data cited. To date, the volatility is being viewed as "an
- opportunity to buy rather than a risk to manage," according to a recent Business Insider post. Net flows from retail investors into the stock market averaged \$1.3 billion a day through the first half of the year, Vanda Research data shows. There hasn't been a negative day of negative retail flows since 2020. Then again, other analysts suggest, the worst of this bear

market may be yet to come (see table below right).

Economic Releases vs. Consensus (Previous Week) JOLTS Openings (Jul): 11.239M vs. 10.45M

ISM Mfging PMI (Aug): 52.8 vs. 52.0 Non-Farm Payrolls (Aug): 315K vs. 300K

Economic Releases this Week

ISM non-Mfging PMI (9/6) Balance of Trade (9/7)

MORNINGSTAR WEEKLY EST. NET FLOWS (\$MIL) ¹						
	Last	2 Wks	3 Wks	4 Wks	Weekly	YTD
As of 8/31/22	Week	Ago	Ago	Ago	Streak	Flows
Derivative Income	690	578	330	528	95	17,656
Commodities Broad	185	(21)	90	(212)	1	6,395
Systematic Trend	112	144	145	109	38	5,249
Convertibles	81	58	258	49	4	(1,683)
Macro Trading	39	49	27	45	16	1,238
Real Estate	28	(230)	(162)	(54)	1	(6,248)
Event Driven	27	47	54	71	9	2,318
Multistrategy	27	38	110	87	6	3,341
Long-Short Equity	21	30	1	(13)	3	1,191
Infrastructure	(13)	16	49	87	(1)	2,272
Equity Mkt Neutral	(34)	68	(33)	0	(1)	3,751
Energy LPs	(47)	25	(94)	28	(1)	399
Options Trading	(58)	145	(47)	(104)	(1)	8,457
Relative Value Arb	(60)	(23)	(59)	(12)	(16)	903
Nontraditional Bond	(257)	(348)	(296)	(234)	(27)	(6,731

BROAD INDEX PERFORIVIAINCE
1

S&P 500

Russell 3000	-4.41
Russell 2000	-4.68
Russell 1000	-4.40
Russell Mid Cap	-4.11

week

-4.45

MTD

-4.08

-3.73

-2.05

-3.84

-3.14

0.45

-3.64

-4.14

-4.74

0.18

0.91

-2.39

-2.93

-2.61

-2.83

7.31.22

1753

107.8

4.33

23.296

QTD

4.77

5.30

8.18

5.12

6.42

0.29

3.12

3.50

0.02

4.27

6.66

3.48

0.21

-0.50

-0.45

1820

75.5

3.28

46.245

YEAR-TO-DATE

12.31.21 8.31.21

YTD

-16.14

-16.92

-17.16

-16.90

-16.53

-17.23

-17.47

-17.50

-19.24

-14.85

-14.90

-11.04

-14.21

-11.49

-10.75

1815

68.4

3.14

47.066

MSCI EM 0.94

MSCI ACWI -3.40MSCI World -3.93 -2.55

MSCI EAFE ICE BofA Global 300 Convt -1.21 ICE BofA All US Convertible -1.80 ICE BofA US High Yield -1.65 **Bloomberg US Corp Bond**

-0.61 Bloomberg US Govt/Credit -0.31 **Bloomberg US Agg Bond** -0.37 COMMODITIES² 8.31.22

Gold 1716 Oil 97.4 Gasoline 3.83 Bitcoin 20.025

MARKET PULSE¹ **MONTH-TO-DATE** 8/31/2022 CORE GROWTH

PROFESSIONAL USE ONLY.

VALUE	CORE	GROWTH	8/31/2022	VALUE	CORE	GROWTH
-2.98	-3.84	-4.66	LARGE	-9.85	-16.90	-23.19
-3.06	-3.14	-3.28	MID	-11.80	-16.53	-25.09
-3.16	-2.05	-0.94	SMALL	-12.17	-17.16	-22.29
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 securities. Source: 'Morningstar (Net Flows as of previous Wed.), ² St.						

Louis Federal Reserve (FRED Database). FOR INVESTMENT

As of

MORNINGSTAR ALTERNATIVE CATEGORIES¹

1 week MTD Systematic Trend 0.03 2.74 Relative Value Arbitrage -0.140.96

Equity Market Neutral -0.16 **Event Driven** -0.51

Nontraditional Bond -0.55 Multistrategy -0.77 **Macro Trading** -0.81

-1.78-1.93

Convertibles Long-Short Equity **Options Trading** -2.28 -2.84

Commodities Broad Basket Derivative Income Infrastructure **Real Estate**

Energy Limited Partnership BOND RATES² 8.31.22 Effective Fed Funds Rate 2-Year Treasury

10-Year Treasury

ICE BofA US Corp. AAA 4.00 3.48 MOST OF THE DAMAGE OF A BEAR MARKET HAS TAKEN PLACE IN THE FINAL STAGES

In 11 of the last 16 red in the last third of the period

6 bear markets, the largest declines occur						
J.		DURATION				
		1 st Third	2 nd Third	3 rd Third		
	1929-33	-36%	-25%	-71%		
	1933-35	-6%	-21%	-11%		
	1937-38	-12%	-38%	-17%		
	1938-42	-8%	-22%	-24%		
	1946-47	-25%	4%	-8%		
	1948-49	-6%	-9%	-7%		
	1957-58	-6%	0%	-17%		
	1961-62	-3%	-3%	-23%		
	1966	-3%	-5%	-15%		
	1968-70	-5%	-9%	-25%		
	1973-75	-12%	-8%	-36%		
	1981-82	-6%	-12%	-13%		
	1987	-4%	-24%	-9%		
	2000-02	-11%	-16%	-34%		
	2007-09	-15%	-8%	-44%		
	2020	-13%	-2%	-22%		
	Mean	-11%	-12%	-24%		
	Median	-7%	-9%	-20%		
tments Bloomherg						

Source: Merk Investments, Bloomberg



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. Multistrategy portfolios offer investors exposure to two or more alternative investment strategies, as defined by Morningstar's alternative category classifications, through either a single-manager or multi-manager approach. Macro Trading strategies, using either systematic or discretionary methods, look for investment opportunities by studying such factors as the global economy, government policies, interest rates, inflation, and market trends. Systematic Trend 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. Relative Value Arbitrage strategies seek out pricing discrepancies between pairs or combinations of securities regardless of asset class. Equity Market Neutral strategies attempt to profit from long and short stock selection decisions while minimizing systematic risk created by exposure to factors such as overall equity market beta, sectors, market-cap ranges, investment styles, or countries. Event-driven strategies attempt to profit when security prices change in response to certain corporate actions, such as bankruptcies, mergers and acquisitions, emergence from bankruptcy, shifts in corporate strategy, and other atypical events. 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 trading strategies use a variety of options trades, including put writing, options spreads, options-based hedged equity, and collar strategies, among others. Derivative Income strategies primarily use an options overlay to generate income while maintaining significant exposure to equity market risk. Long-Short Equity funds hold sizeable stakes in both long and short positions in equities, exchange traded funds, and related derivatives. Infrastructure equity funds invest more than 60% of their assets in stocks of companies engaged in infrastructure activities. Industries considered to be part of the infrastructure sector include: oil & gas midstream; waste management; airports; integrated shipping; railroads; shipping & ports; trucking; engineering & construction; infrastructure operations; and the utilities sector.

The S&P 500 Index is considered generally representative of the US 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 US 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 US 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 US 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 US High Yield Master II Index tracks the performance of US dollar denominated below investment grade rated corporate debt publicly issued in the US domestic market. The Bloomberg Capital US Aggregate Bond Index covers the US-denominated, investment-grade, fixed-rate, taxable bond market of SEC registered securities. The Bloomberg US 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 US bond market. The Bloomberg US Corporate Bond Index measures the investment grade, fixed-rate, taxable corporate 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 US Convertibles Index (VXA0) 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, guality, 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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