Calamos Alternatives Snapshot

December 14, 2020 (data as of December 11, 2020						
WEEKLY HEADLINES	BROAD INDEX PERFORMANCE ¹				MORNINGSTAR ALTERNAT	
Hedge Fund Industry Continues to Shrink		1 week	MTD	QTD	YTD	
The "shunning" of hedge funds continues, with investors withdrawing a net \$42.4 billion between April and June for a ninth consecutive quarter of outflows, according to eVestment data <u>recently quoted</u> by Bloomberg. The total amount managed by the industry has dropped below \$3 trillion for the first time since 2014. "Cheerleaders have argued in recent years that one-way gains	S&P 500	-0.95	1.21	9.30	15.39	Commodities Broad Basket
	Russell 3000	-0.65	1.68	11.59	17.63	Convertibles
	Russell 2000	1.03	5.08	27.06	16.02	Energy Limited Partnership
	Russell 1000	-0.76	1.46	10.67	17.75	Managed Futures
	Russell Mid Cap	-0.46	2.21	17.08	14.33	Bear Market
	MSCI EM	0.54	4.38	16.41	15.36	Long-Short Credit

ICE BofA Global Cv Index

ICE BofA US HY Master II

BBgBarc US Govt/Credit

BBgBarc US Agg Bond

COMMODITIES²

Gold

Gasoline

Oil

ICE BofA All U.S. Cv (VXA0)

MSCI ACWI

MSCI World

MSCI EAFE

"Cheerleaders have argued in recent years that one-way gains for stock markets neutered [hedge funds'] ability to generate alpha. With the coronavirus creating more turbulent volatility this year has been double last year's mean—2020

markets—this year's average value of the VIX index of equity should have been their time to shine." Instead, the average return for hedge funds this year has

trailed the equity indexes (see chart below). As a result, more firms are shuttering than starting. And, the average management fee has dropped to 1.37%, while incentive fees declined to 16.37%, according to Hedge Fund Research, Inc., data cited by Bloomberg.

Economic Releases vs. Consensus (week of 12/7) Wholesale Inventories: 1.1% vs. 0.9%

CPI/Core CPI: 1.2%/1.6% vs. 1.1%/1.6% PPI/Core PPI: 0.8%/1.4% vs. 0.8%/1.5% Economic Releases (week of 12/14)

Retail Sales (12/16)

Housing Starts (12/17)

Initial Jobless Claims (12/17)							
MORNINGSTAR WEEKLY EST. NET FLOWS (\$MIL) ¹							
	Last	2 Wks	3 Wks	4 Wks	Weekly		
	Week	Ago	Ago	Ago	Streak		
Market Neutral	99	83	130	71	20		
Options-based	71	48	66	87	29		
Convertibles	37	52	57	52	4		
Multialternative	36	(46)	(241)	12	1		
Infrastructure	6	(69)	27	39	1		
Multicurrency	6	1	2	2	4		
Long-Short Credit	(9)	(12)	(14)	(27)	(20)		
Bear Market	(40)	6	(8)	(15)	(1)		
Nontraditional Bond	(42)	192	203	432	(1)		
Managed Futures	(52)	(50)	(683)	(66)	(8)		
Energy LPs	(57)	(46)	(54)	(74)	(3)		
Long-Short Equity	(63)	(23)	(28)	(59)	(3)		
Real Estate	(94)	(202)	(55)	65	(3)		

0.54 -0.50

-0.66

-0.51

0.82

1.23

0.12

0.35

0.45

1834

45.7

2.16

4.38 1.92

1.56

1.80

2.29

3.15

0.95

-0.14

-0.19

1771

45.2

2.12

16.41 15.36 11.77 11.10 12.91

5.48

0.39

0.53

1523

61.7

2.57

13.75 13.46 5.31 13.79 15.32

Market Neutral Nontraditional Bond 30.02 Multialternative 40.90 Options-based 5.17

7.21 8.62

1468

58.7

2.56

Long-Short Equity 12.11.20 11.30.20 12.31.19 12.11.19

Infrastructure Real Estate BOND RATES²

Effective Fed Funds Rate

2-Year Treasury

10-Year Treasury

Multicurrency

-0.67-2.22

AR ALTERNATIVE CATEGORIES¹

1 week

0.86

0.73

0.62

0.42

0.28

0.17

0.16

0.03

0.03

0.03

-0.25

-0.51

0.09

0.14

0.92

1.60

MTD

1.42

2.53

9.41

1.52

-4.04

0.64

0.27

0.12

0.63

0.81

0.66

1.25

QTD

7.17

12.66

32.59

2.79

-21.97

3.59

1.04

-0.13

2.82

3.48

5.47

1.58

1.92

2.55

YTD

-6.35

32.97

-18.33

0.11

-37.09

4.01

0.31

-2.63

2.34

-0.12

5.08

1.61

1.79

2.51

1.08 0.85

0.08

0.16

0.84

1.55

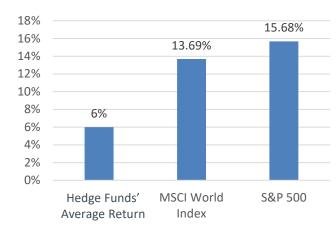
5.79 3.34 10.14 -0.468.40 -7.3412.11.20 11.30.20 12.31.19 12.11.19 1.55 1.55

ICE BofAML US Corp. AAA MARKET PULSE¹

MON VALUE	NTH-TO- CORE	DATE GROWTH	As of 12/7/2020	YEAR-TO-DATE VALUE CORE GROWTH				
2.33	1.46	0.65	LARGE	1.30	17.75	33.26		
2.39	2.21	1.89	MID	2.72	14.33	31.82		
5.49	5.08	4.70	SMALL	2.28	16.02	28.91		

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

2020 Market Volatility Hasn't Helped Hedge Fund Returns



Source: Bloomberg, December 10



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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