Calamos Alternatives Snapshot

March 23, 2020 (data as of March 20, 2020 unless indicated)

1 week

-14.95

-15.30

-16.14

MTD

-21.87

-23.33

-31.24

OTD

-28.33

-29.68

-39.04

YTD

-28.33

-29.68

-39.04

Bear Market

Managed Futures

Multicurrency

BROAD INDEX PERFORMANCE1

-32.05 -29.30 -25.37

-33.07 -31.24 -29.60

PROFESSIONAL USE ONLY.

S&P 500

Russell 3000

Russell 2000



OTD

53.31

-0.35

-2.10

-6.22

-12.50

-9.57

-26.20

-11.38

-17.70

-19.15

-13.49

-18.55

-53.23

-36.42

1.55

1.58

1.92

2.55

12.31.19 3.20.19

YTD

53.31

-0.35

-2.10

-6.22

-12.50

-9.57

-26.20

-11.38

-17.70

-19.15

-13.49

-18.55

-53.23

-36.42

2.40

2.40

2.54

3.29

MTD

34.56

0.58

-1.53

-4.99

-10.10

-9.20

-16.21

-11.70

-12.64

-14.44

-16.14

-17.70

-44.12

-32.19

3.13.20

1.09

0.50

0.88

2.39

MORNINGSTAR ALTERNATIVE CATEGORIES¹

1 week

17.50

-0.27

-0.66

-3.56

-5.28

-5.56

-6.98

-7.03

-8.06

-8.86

-8.90

-9.03

-16.34

-24.67

3.20.20

0.74

0.44

1.12

3.10

LARGEST LIQUID ALTERNATIVE FUNDS PROVIDER

DURING VOLATILE TIMES.

INVESTORS TURN TO THE

Liquid Alts Have Offered a (Relatively) Safer Haven Many liquid alternative funds "proved their worth" through the first half of March. The average institutional share class of a liquid alternative fund lost 7.57% between March 1 and March 16, while the S&P 500 declined 19.14% over the same period. This is based on Morningstar Direct data cited by Ignites.com (subscription required) last week.

The performance advantage is true, too, over longer periods, with the average liquid alt fund having lost 2.58% during the two-year period ending March 16—244 basis points less than the S&P.

Whether such outperformance drives sustained investor interest will depend on the length and shape of the downturn, according to the article. Persistent volatility or an L-shaped recovery could drive demand. A V-shaped recovery, though, is likely to find investors—whose memories tend to be short—more eager to participate fully in equities.

Economic Releases vs. Consensus (week of 3/16) Retail Sales: -0.5% vs. 0.2%

Initial Jobless Claims: 281k vs. 220K

WEEKLY HEADLINES

Economic Releases (week of 3/23)

New Home Sales (3/24) Durable Good Orders (3/25) Initial Jobless Claims (3/26) PCE/Core PCE (3/27)

MORNINGSTAR WEEKLY EST. NET FLOWS (\$MIL) ¹								
	Last	2 Wks	3 Wks	4 Wks	Weekly			
	Week	Ago	Ago	Ago	Streak			
Bear Market	222	67	42	19	3			
Multicurrency	(47)	(15)	(28)	(8)	(20)			
Long-Short Credit	(52)	(30)	(54)	(3)	(7)			
Commodities Broad	(52)	(41)	(312)	6	(3)			
Convertibles	(123)	(19)	(14)	(1)	(3)			
Managed Futures	(200)	151	(54)	(25)	(1)			
Energy LPs	(220)	(235)	(215)	(48)	(4)			
Real Estate	(251)	(66)	(224)	349	(3)			
Long-Short Equity	(411)	(211)	(221)	(101)	(68)			
Market Neutral	(437)	(138)	59	130	(2)			
Options-based	(632)	191	330	19	(1)			
Multialternative	(840)	(248)	(179)	(45)	(3)			
Nontraditional Bond	(3,305)	(678)	(948)	(52)	(3)			

Russell 1	000	-15.25	-22.80	-29.03	-29.03	Market Neutral
Russell N	/lid Cap	-18.13	-29.30	-35.96	-35.96	Multialternative
MSCI EM		-9.79	-20.00	-27.74	-27.74	Nontraditional Bond
MSCI AC	WI	-11.92	-22.42	-29.42	-29.42	Commodities Broad Basket
MSCI Wo	orld	-12.22	-22.76	-29.66	-29.66	Long-Short Credit
MSCI EA	FE	-5.76	-22.78	-31.21	-31.21	Long-Short Equity
ICE BofA	Global Cv Index	-7.41	-15.29	-15.41	-15.41	Options-based
ICE BofA	All U.S. Cv (VXA	.0) -9.81	-19.92	-19.99	-19.99	Commodities Precious Metals
ICE BofA	US HY Master I	-10.55	-17.45	-18.73	-18.73	Convertibles
BBgBarc	US Agg Bond	-2.29	-3.61	0.01	0.01	Energy Limited Partnership
BBgBarc	US Govt/Credit	-3.06	-4.60	-0.28	-0.28	Real Estate
СОММО	DITIES ²					BOND RATES ²
		3.20.20	3.13.20	12.31.19	3.20.19	
Gold		3.20.20 1504	3.13.20 1588	12.31.19 1523	3.20.19 1303	Effective Fed Funds Rate
Gold Oil						Effective Fed Funds Rate 2-Year Treasury
		1504	1588	1523	1303	
Oil		1504 31.7	1588 41.1	1523 61.7	1303 60.1	2-Year Treasury
Oil Gasoline	ET PULSE ¹	1504 31.7	1588 41.1	1523 61.7	1303 60.1	2-Year Treasury 10-Year Treasury
Oil Gasoline		1504 31.7	1588 41.1	1523 61.7	1303 60.1	2-Year Treasury 10-Year Treasury
Oil Gasoline MARK		1504 31.7	1588 41.1 2.38	1523 61.7	1303 60.1	2-Year Treasury 10-Year Treasury ICE BofAML US Corp. AAA
Oil Gasoline MARK	ET PULSE ¹	1504 31.7 2.25	1588 41.1 2.38	1523 61.7 2.57	1303 60.1 2.55	2-Year Treasury 10-Year Treasury ICE BofAML US Corp. AAA
Oil Gasoline MARKI	ET PULSE ¹	1504 31.7 2.25 As of TH 3/20/2020	1588 41.1 2.38 YEA VALUE	1523 61.7 2.57 R-TO-DATE	1303 60.1 2.55	2-Year Treasury 10-Year Treasury ICE BofAML US Corp. AAA

-39.97 -35.96 -29.87

-42.83 -39.04 -35.40

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SMALL

Past performance is not indicative of future results. This material is

Louis Federal Reserve (FRED Database). FOR INVESTMENT

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.





Morningstar AUM data as of 2/29/20

For more information, please see www.calamos.com/largest



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 profit from changes in the cr

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.

Calamos is the #1 manager of assets in the Alternatives category, as ranked by AUM (Morningstar, 2/29/2020).

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