## **Calamos Alternatives Snapshot**

July 20, 2020 (data as of July 17, 2020 unless indicated)

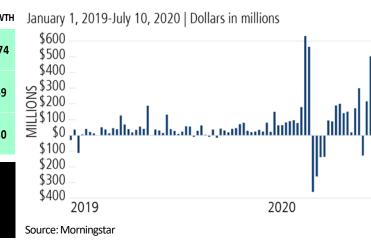
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WEEKLY HEADLINES	BROAD INDEX PERFORMANCE <sup>1</sup>				MORNINGSTAR ALTERNATIVE CATEGORIES <sup>1</sup>					
Interest Surges in Options-based Alts  Spiking interest this year in the Morningstar Options-based Funds category, as tracked weekly by the Snapshot, reflects a re-evaluation of equity risk. A Calamos blog post last week reviewed the heightened interest in hedging strategies, which surged in early March and again in July. Having attracted \$3.5 billion in net flows through July 17, the category is almost double the \$1.8 billion in net flows for all of last year. And, that was a year when the category was the fastest growing liquid alts category (see Liquid Alternatives: 2019 Year in Review).  Significant differences in options strategies—both their advantages and their limitations—can be revealed during market drawdowns, according to the post. Performance results vary based on: use of puts and percentage of portfolio hedged, frequency of when hedges are reset and whether the resets are or preordained, underlying		1 week	MTD	QTD	YTD		1 week	MTD	QTD	YTD
	S&P 500	1.27	4.10	4.10	0.89	Energy Limited Partnership	3.57	-0.61	-0.61	-32.24
	Russell 3000	1.34	4.13	4.13	0.51	Infrastructure	2.77	3.38	3.38	-8.82
	Russell 2000	3.57	2.26	2.26	-11.01	Long-Short Equity	1.26	2.43	2.43	-3.72
	Russell 1000	1.21	4.24	4.24	1.31	Real Estate	1.19	0.31	0.31	-16.18
	Russell Mid Cap	3.04	3.99	3.99	-5.50	Options-based	0.79	1.84	1.84	-2.13
	MSCI EM	-1.21	6.53	6.53	-3.78	Long-Short Credit	0.53	1.21	1.21	-1.02
	MSCI ACWI	1.19	4.55	4.55	-1.71	Multialternative	0.49	1.18	1.18	-4.34
	MSCI World	1.54	4.27	4.27	-1.44	Market Neutral	0.48	0.61	0.61	-2.76
	MSCI EAFE	2.20	4.14	4.14	-7.39	Nontraditional Bond	0.39	0.90	0.90	-1.89
	ICE BofA Global Cv Index	-0.25	3.94	3.94	8.08	Managed Futures	0.26	0.26	0.26	-1.74
	ICE BofA All U.S. Cv (VXA0)	0.01	5.18	5.18	12.80	Multicurrency	0.21	0.33	0.33	-0.25
	ICE BofA US HY Master II	1.19	2.31	2.31	-2.58	Convertibles	0.06	4.19	4.19	11.54
	BBgBarc US Agg Bond	0.23	0.78	0.78	6.96	Commodities Broad Basket	0.02	2.54	2.54	-17.30
	BBgBarc US Govt/Credit	0.34	1.06	1.06	8.34	Bear Market	-1.93	-5.58	-5.58	-14.04
equity positions, whether active or index-based, and	COMMODITIES <sup>2</sup>					BOND RATES <sup>2</sup>				
guidelines for calls written.		7.17.20	6.30.20	12.31.19	7.17.19		7.17.20	6.30.20	12.31.19	7.17.19
Economic Releases vs. Consensus (week of 7/13)	Gold	1803	1806	1523	1401	Effective Fed Funds Rate	0.09	0.09	1.55	2.39
CPI/Core CPI: 0.6%/1.2% vs. 0.6%/1.1% Retail Sales: 7.5% vs. 5.0% Initial Jobless Claims: 1.3M vs. 1.25M	Oil	40.1	40.5	61.7	56.5	2-Year Treasury	0.16	0.16	1.58	1.83
	Gasoline	2.20	2.18	2.57	2.78	10-Year Treasury	0.62	0.62	1.92	2.06
						ICE BofAML US Corp. AAA	1.48	1.50	2.55	2.80
Economic Releases (week of 7/20)	MARKET PULSE <sup>1</sup>			ESTIMATED WEEKLY FLOWS INTO THE MORNINGSTAR						
Existing Home Sales (7/22)			OPTIONS-BASED CATEGORY 2019-2020							
Initial Jobless Claims (7/23)	MONTH-TO-DATE	As of	YEAR-TO-DATE							
	VALUE CORE GROWTH	7/17/2020	VALUE 4	ORE GROV	MTU Inn	uany 1 2010 July 10 2020 J	Dollars in	millions		

Initial Jobless Claims (7/23)										
MORNINGSTAR WEEKLY EST. NET FLOWS (\$MIL) <sup>1</sup>										
	Last	2 Wks	3 Wks	4 Wks	Weekly					
	Week	Ago	Ago	Ago	Streak					
Options-based	147	272	450	133	6					
Convertibles	39	59	19	69	15					
Infrastructure	15	12	58	(65)	3					
Bear Market	10	0	10	3	4					
Multicurrency	0	1	(22)	(9)	2					
Commodities Broad	(7)	(6)	8	40	(2)					
Long-Short Credit	(23)	(22)	(64)	1	(3)					
Long-Short Equity	(30)	(68)	(51)	(23)	(86)					
Managed Futures	(34)	(38)	1	(73)	(2)					
Market Neutral	(41)	16	41	32	(1)					
Nontraditional Bond	(46)	16	(153)	(76)	(1)					
Real Estate	(51)	(30)	(80)	(99)	(20)					
Energy LPs	(56)	(61)	(179)	(77)	(14)					



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





## **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.

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