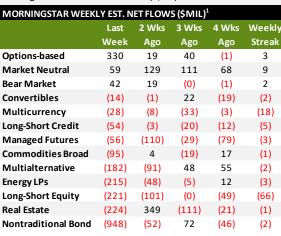
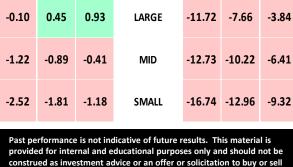
## **Calamos Alternatives Snapshot**

March 9, 2020 (data as of March 6, 2020 unless indicated)

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WEEKLY HEADLINES BROAD INDEX PERFORMANCE <sup>1</sup>					MORNINGSTAR ALTERNATIVE CATEGORIES <sup>1</sup>						
Options-based Funds Experience Best Week, With			1 week	MTD	QTD	YTD		1 week	MTD	QTD	YTD
Flows 76% More Than the Category's 2019 Best	S&P 500		0.65	0.65	-7.67	-7.67	Real Estate	3.23	3.23	-3.20	-3.20
In a week that saw an 8.1% trading range (see chart below),	Russell 300	0	0.31	0.31	-8.01	-8.01	Managed Futures	2.35	2.35	1.40	1.40
investors accelerated (and concentrated) their flows into three categories of liquid alternative funds.	Russell 200	0	-1.81	-1.81	-12.96	-12.96	Commodities Precious Metals	2.03	2.03	5.33	5.33
· ·	Russell 100	0	0.45	0.45	-7.66	-7.66	Bear Market	1.07	1.07	15.15	15.15
Investors rushed into Options-based funds, with net flows totaling \$330 million—76% more than the category's best	Russell Mid	l Cap	-0.89	-0.89	-10.22	-10.22	Long-Short Equity	0.47	0.47	-5.34	-5.34
week in 2019. Liquid alts fund categories weekly inflows	MSCI EM		0.69	0.69	-9.05	-9.05	Options-based	0.05	0.05	-5.46	-5.46
rarely hit the \$300 million mark and when they do it's in	MSCI ACWI	I	0.48	0.48	-8.59	-8.59	Multialternative	0.03	0.03	-2.64	-2.64
Nontraditional Bond or Multialternative funds, categories	MSCI World	d	0.45	0.45	-8.53	-8.53	Market Neutral	0.01	0.01	-1.29	-1.29
with the largest AUM. For comparison, a total of \$155	MSCI EAFE		0.35	0.35	-10.60	-10.60	Multicurrency	-0.06	-0.06	-0.63	-0.63
billion was invested in Nontraditional Bond funds versus \$21 billion in Options-based at year-end 2019.	ICE BofA GI	obal Cv Index	-0.02	-0.03	-0.17	-0.17	Long-Short Credit	-0.12	-0.12	0.25	0.25
	ICE BofA Al	l U.S. Cv (VXA0)	-0.47	-0.48	-0.56	-0.56	Nontraditional Bond	-0.15	-0.15	-0.55	-0.55
The second largest flow-gathering category was Market Neutral, whose \$59 million total was on par with last	ICE BofA US	HY Master II	-0.42	-0.45	-1.99	-1.99	Convertibles	-0.16	-0.16	-1.19	-1.19
year's weekly average for the category. Last week's \$42	BBgBarc US	Agg Bond	1.88	1.88	5.71	5.71	Commodities Broad Basket	-0.84	-0.84	-12.67	-12.67
million in flows into the Bear Market category topped its	BBgBarc US	Govt/Credit	2.43	2.43	7.06	7.06	Energy Limited Partnership	-6.44	-6.44	-21.69	-21.69
2019 high mark of \$36 million.	COMMODITIES <sup>2</sup>				BOND RATES <sup>2</sup>						
For a longer term look at flows and assets in liquid alts, see	COMMOD	IIIE3	3.6.20	2.28.20	12.31.19	3.6.19	BOND RATES	3.6.20	2.28.20	12.31.19	3.6.19
our <u>2019 review</u> .	Gold		1687	1626	1523	1286	Effective Fed Funds Rate	1.51	1.58	1.55	2.40
Economic Releases vs. Consensus (week of 3/2)	Oil		49.8	51.4	61.7	56.2	2-Year Treasury	0.59	1.11	1.58	2.52
ADP Employment: 183K vs. 170K Initial Jobless Claims: 216K vs. 215K	Gasoline		2.42	2.47	2.57	2.42	10-Year Treasury	0.92	1.30	1.92	2.69
Non-Farm Payrolls: 273K vs. 175K							ICE BofAML US Corp. AAA	1.88	2.07	2.55	3.41
Economic Releases (week of 3/9) CPI/Core CPI (3/11)	MARKET PULSE <sup>1</sup> S&P					P 500 Returns, Week Ending 3/6/2020					
PPI/Core PPI (3/12)						00					
Michigan Consumer Sentiment (3/13)	MONTH-TO-DATE		As of	YEAR-TO-DATE		5.0	4.6%	4.2%			
MORNINGSTAR WEEKLY EST. NET FLOWS (\$MIL) <sup>1</sup>	VALUE	CORE GROWTH	3/6/2020	VALUE	CORE GRO	<b>WTH</b> 4.0	0% —				
Last 2 Wks 3 Wks 4 Wks Weekly Week Ago Ago Ago Streak	-0.10	0.45 0.93	LARGE	-11.72	-7.66 -3.	3.0	0% —				

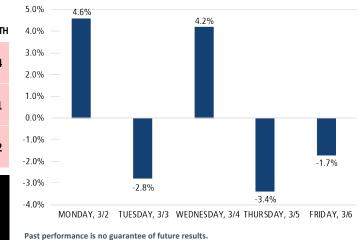




securities. Source: <sup>1</sup>Morningstar (Net Flows as of previous Wed.), <sup>2</sup>St.

Louis Federal Reserve (FRED Database). FOR INVESTMENT

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Past performance is no guarantee of future results.

The S&P 500 Index is generally considered representative of the U.S. stock market.



## **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 #2 manager of assets in the Alternatives category, as ranked by AUM (Morningstar, 12/31/19).

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