

Calamos Alternatives Snapshot

April 13, 2020 (data as of April 9, 2020 unless indicated)

WEEKLY HEADLINES

The Past Month Has Been a 'Wake-up Call' on Traditional Portfolio Diversifiers

Noting that traditional portfolio diversifiers struggled during the most recent drawdown, an [All About Alpha post](#) expects "conventional safe haven assets" to continue to fail to protect from both equity and bond beta and volatility.

However, the post says, liquid alternative funds—"mindful of beta, volatility and correlation whether markets are down, flat or up"—are proving their worth. "These funds may capture exposures that are unique and robust but also sustainable through many market environments by investing in nontraditional ways."

Given the return dispersion in return and risk statistics within the alts category, the post stresses the importance of manager and individual fund selection. Funds with low equity and bond beta, low correlation to equities, and low volatility offer the potential to provide the greatest diversification benefits and generate differentiated returns during ensuing flat or rising markets, according to the post.

Economic Releases vs. Consensus (week of 4/6)

Initial Jobless Claims: 6.6M vs. 5.3M
PPI/Core PPI (yoy): 0.7%/1.4% vs. 0.5%/1.2%
CPI/Core CPI (yoy): 1.5%/2.1% vs. 1.6%/2.3%

Economic Releases (week of 4/13)

Retail Sales (4/15)
Initial Jobless Claims (4/16)
Housing Starts (4/16)

MORNINGSTAR WEEKLY EST. NET FLOWS (\$MIL)¹

	Last Week	2 Wks Ago	3 Wks Ago	4 Wks Ago	Weekly Streak
Bear Market	83	(57)	105	222	1
Options-based	70	(247)	(364)	(632)	1
Managed Futures	16	(57)	(266)	(193)	1
Convertibles	9	43	(136)	(123)	2
Multicurrency	(3)	(5)	(26)	(47)	(23)
Energy LPs	(20)	146	53	(220)	(1)
Real Estate	(32)	(46)	(186)	(252)	(5)
Long-Short Credit	(51)	(43)	(127)	(52)	(10)
Market Neutral	(96)	(97)	(575)	(437)	(4)
Commodities Broad	(124)	(16)	(63)	(52)	(5)
Long-Short Equity	(173)	(356)	(544)	(411)	(71)
Multialternative	(549)	(442)	(1,071)	(840)	(6)
Nontraditional Bond	(590)	(664)	(3,269)	(3,331)	(6)

BROAD INDEX PERFORMANCE¹

	1 week	MTD	QTD	YTD
S&P 500	10.46	8.02	8.02	-13.15
Russell 3000	11.06	8.09	8.09	-14.50
Russell 2000	14.84	8.16	8.16	-24.96
Russell 1000	10.84	8.09	8.09	-13.77
Russell Mid Cap	14.69	10.11	10.11	-19.70
MSCI EM	5.89	4.67	4.67	-20.00
MSCI ACWI	8.94	6.21	6.21	-16.36
MSCI World	9.36	6.42	6.42	-15.85
MSCI EAFE	6.72	3.05	3.05	-20.36
ICE BofA Global Cv Index	4.57	2.74	2.74	-8.54
ICE BofA All U.S. Cv (VXA0)	7.85	4.78	4.78	-9.49
ICE BofA US HY Master II	4.39	2.72	2.72	-10.76
BBgBarc US Agg Bond	0.67	0.84	0.84	4.01
BBgBarc US Govt/Credit	0.81	0.99	0.99	4.39

COMMODITIES²

	4.9.20	3.31.20	12.31.19	4.9.19
Gold	1663	1605	1523	1302
Oil	26.2	14.1	61.7	64.1
Gasoline	1.92	2.01	2.57	2.75

MORNINGSTAR ALTERNATIVE CATEGORIES¹

	1 week	MTD	QTD	YTD
Real Estate	20.35	11.69	11.69	-17.79
Energy Limited Partnership	11.39	11.22	11.22	-45.47
Convertibles	6.96	4.41	4.41	-8.80
Commodities Precious Metals	5.47	6.60	6.60	1.88
Options-based	5.27	4.03	4.03	-9.60
Long-Short Equity	4.65	3.29	3.29	-9.89
Commodities Broad Basket	3.06	2.94	2.94	-22.55
Long-Short Credit	2.57	1.74	1.74	-7.54
Multialternative	2.47	1.89	1.89	-7.96
Nontraditional Bond	1.82	1.37	1.37	-6.47
Market Neutral	1.25	1.11	1.11	-3.18
Multicurrency	0.46	0.28	0.28	-1.69
Managed Futures	-0.97	-0.57	-0.57	-0.46
Bear Market	-13.68	-10.23	-10.23	16.05

BOND RATES²

	4.9.20	3.31.20	12.31.19	4.9.19
Effective Fed Funds Rate	0.05	0.09	1.55	2.41
2-Year Treasury	0.23	0.23	1.58	2.35
10-Year Treasury	0.73	0.70	1.92	2.51
ICE BofAML US Corp. AAA	1.93	2.08	2.55	3.22

MARKET PULSE¹

MONTH-TO-DATE			As of	YEAR-TO-DATE		
VALUE	CORE	GROWTH	4/9/2020	VALUE	CORE	GROWTH
9.67	8.09	6.82	LARGE	-19.65	-13.77	-8.24
11.63	10.11	8.14	MID	-23.76	-19.70	-13.53
9.12	8.16	7.36	SMALL	-29.80	-24.96	-20.30

S&P 500 VOLATILITY WATCH

	# of Days S&P 500 ± 1%		# of Days of S&P 500 Corrections through 4-9-20
	+	-	
2020	17	20	29
2019	22	15	13
2018	32	32	15
2017	26	22	0
2016	26	22	20
2015	41	31	5
2014	19	19	0
2013	21	17	0

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.

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 as a central component of their investment strategies. **Long-Short Credit** funds seek to profit from changes in the credit conditions of individual bond issuers and credit markets segments represented by credit indexes. **Long-Short Equity** funds hold sizeable stakes in both long and short positions in equities, exchange traded funds, and related derivatives.

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 publicly 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 (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, 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, 3/31/2020).

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