Calamos Alternatives Snapshot

Commodities Broad

Nontraditional Bond

Convertibles

Infrastructure

Options Trading

Real Estate

(18)

45

76

(220)

130

(344)

(50)

(66)

(131)

(135)

(170)

(547)

(25)

21

(354)

32

231

(410)

(68)

(17)

(419)

(171)

6

(649)

(4)

(1)

(1)

(2)

(1)

(14)

(2,301)

2,209

3,472

(7,739)

8,935

(11,076)

November 14, 2022 (data as of November 11, 2022 unless indicated)

5.0%

WEEKLY HEADLI	NES					BROA	BROAD INDEX PERFORMANCE ¹							MORNINGSTAR ALTERNATI	MORNINGSTAR ALTERNATIVE CATEGORIES ¹				
The Fed Could F	Revers	e Direc	tion Q	uicker	Than					1 week	MTD	QTD	YTD		1 week	MTD	QTD	YTD	
Many Expect				S&P 5	00			5.93	3.19	11.55	-15.08	Real Estate	6.10	4.38	7.95	-22.84			
Thursday's softer i	as renev	ved exp	ectation	S Russe	Russell 3000			6.01	3.16	11.62	-15.86	Infrastructure	4.61	5.61	10.27	-8.69			
of a Fed pivot. The	of time	betwe	en the	Russe	Russell 2000			4.64	2.00	13.23	-15.19	Derivative Income	3.47	2.55	9.07	-8.95			
peak in inflation a	cut is 2	2 week	s,	Russe	Russell 1000			6.10	3.24	11.52	-15.90	Options Trading	3.39	2.18	6.49	-8.41			
according to US hiking cycles dating back to 1972. This is							Russell Mid Cap			6.30	4.50	13.77	-13.84	Convertibles	2.63	1.56	4.92	-15.94	
according to a <u>Bloomberg strategist</u> who last week wrote							MSCI EM			5.74	10.35	6.94	-21.82	Long-Short Equity	2.01	1.33	5.85	-7.60	
that the year-over				IT MSCI	MSCI ACWI			6.59	5.57	11.97	-16.40	Energy Limited Partnership	1.32	1.67	14.04	27.48			
18 weeks ago. Tha			little as	MSCI	MSCI World			6.70	5.03	12.60	-15.70	Nontraditional Bond	0.84	0.80	0.91	-7.08			
four to eight week		-		MSCI	MSCI EAFE			8.43	9.70	15.61	-15.33	Event Driven	0.83	-0.11	1.62	-1.81			
However, equity in					ICE BofA Global 300 Convt			3.49	2.33	4.43	-16.06	Relative Value Arbitrage	0.44	0.11	0.77	-4.65			
with a pivot, the p							ICE BofA All US Convertible			2.89	1.24	4.53	-16.36	Multistrategy	0.12	0.30	2.18	-3.27	
tightening for about or until the second		•					ICE BofA US High Yield			1.27	0.29	3.14	-11.93	Commodities Broad Basket	-0.14	3.91	6.91	18.83	
greater squeeze in				ele S d S	SUII		Bloomberg US Corp Bond			2.62	2.31	1.25	-17.70	Macro Trading	-0.14	-0.09	0.91	-2.00	
				n +ho :-	flation		Bloomberg US Govt/Credit			2.02	1.69	0.43	-17.70	Equity Market Neutral	-0.02	-0.09	1.18	3.33	
"Stocks may find t frying pan into the							. .												
easing the market					Bloomberg US Agg Bond			2.29	1.91	0.59	-14.10		-3.91	-4.09	-3.85	15.74			
stage for a new ac				COM	NODITIE	S						BOND RATES ²							
misery."											11.11.2				12.31.21				
Economic Release	us (Prev	ious W	eek)		Gold				1639	1820	1859	Effective Fed Funds Rate	3.83	3.08	0.08	0.08			
CPI/Core CPI (yoy)				-	Oil			91.8	86.5	75.5	81.5	2-Year Treasury	4.61	4.51	0.75	0.53			
Mich. Consumer S	7 vs. 59.	5			Gasoline			3.80	3.74	3.28	3.41	10-Year Treasury	4.12	4.10	1.55	1.58			
Economic Release				Bitcoi	Bitcoin			16,997 2	20,473	46,245	64,794	ICE BofA US Corp. AAA	5.01	4.97	2.03	1.97			
PPI/Core PPI (11/2	,						MARK	ET PUL	SE1					WILL THE FED START CUTTING IN 4 TO 8 WEEKS?					
Retail Sales (11/16																			
Housing Starts (11	• •						MON	NTH-TO-	DATE	As of YEAR-TO-DATE				The median time between CPI YoY peak and first Fed cut is 22 weeks.					
Building Permits (11/17)						VALUE		GROWTH	11/11/2022	VALUE	CORE	GROWTH	CPI YoY in 2022 likely peaked in	June.				
MORNINGSTAR WEEK	KLY EST. N	NET FLOW	/S (\$MIL)											- Median CPI YoY around	end of Fed tiah	tening cycle:	back to 197	/2	
	Last				Weekly		3.89	3.24	2.57	LARGE	-5.79	-15.90	-24.72	— Median Fed Funds		5,			
As of 11/9/22 Derivative Income	Week 572	Ago 664	Ago 395	Ago 241	Streak 106	Flows 21,425				-								7.0%	
Systematic Trend	89	33	156	176	49	7,603						-13.84	-22.84	9.5% 6.5% MEDAN CP					
Event Driven	72	(18)	(32)	(49)	1	2,167	4.57	4.50	4.36	MID	-8.85								
Energy LPs	50	(139)	69	90	1	436								E 8.5%	Ymy 4			DI	
Long-Short Equity Multistrategy	22 12	4 (140)	11 (114)	(9) (224)	3 1	1,324 2,750								Ξ _Γ	"h		ι –	6.0% A	
Macro Trading	(1)	32	44	(224)	1 (1)	1,567	2.74	2.00	1.28	SMALL	-8.76	-15.19	-21.58	₹ 7.5% - 7.5%		W		E EN P	
Equity Mkt Neutral	(47)	(103)	(35)	(18)	(4)	3,488										ww	m_L_	5.5% —	
Relative Value Arb	(49)	(79)	(111)	(147)	(14)	(291)						-1				••	ML.	F 00/	

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.

Source: Bloomberg

-59-51-43-35-27-19-11 -3 5 13 21 29 37 45 53 61 69 77 85

WEEKS AROUND LAST FED HIKE

6.5%



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. Multistrategy portfolios offer investors exposure to two or more alternative investment strategies, as defined by Morningstar's alternative category classifications, through either a single-manager or multi-manager approach. Macro Trading strategies, using either systematic or discretionary methods, look for investment opportunities by studying such factors as the global economy, government policies, interest rates, inflation, and market trends. Systematic Trend 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. Relative Value Arbitrage strategies seek out pricing discrepancies between pairs or combinations of securities regardless of asset class. Equity Market Neutral strategies attempt to profit from long and short stock selection decisions while minimizing systematic risk created by exposure to factors such as overall equity market beta, sectors, market-cap ranges, investment styles, or countries. Event-driven strategies attempt to profit when security prices change in response to certain corporate actions, such as bankruptcies, mergers and acquisitions, emergence from bankruptcy, shifts in corporate strategy, and other atypical events. 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 trading strategies use a variety of options trades, including put writing, options spreads, options-based hedged equity, and collar strategies, among others. Derivative Income strategies primarily use an options overlay to generate income while maintaining significant exposure to equity market risk. Long-Short Equity funds hold sizeable stakes in both long and short positions in equities, exchange traded funds, and related derivatives. Infrastructure equity funds invest more than 60% of their assets in stocks of companies engaged in infrastructure activities. Industries considered to be part of the infrastructure sector include: oil & gas midstream; waste management; airports; integrated shipping; railroads; shipping & ports; trucking; engineering & construction; infrastructure operations; and the utilities sector.

The S&P 500 Index is considered generally representative of the US 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 US 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 US 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 US 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 US High Yield Master II Index tracks the performance of US dollar denominated below investment grade rated corporate debt publicly issued in the US domestic market. The Bloomberg Capital US Aggregate Bond Index covers the US-denominated, investment-grade, fixed-rate, taxable bond market of SEC registered securities. The Bloomberg US 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 US bond market. The Bloomberg US Corporate Bond Index measures the investment grade, fixed-rate, taxable corporate 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 US 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.

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