Calamos Alternatives Snapshot

August 8, 2022 (data as of August 5, 2022 unless indicated)

WEEKLY HEADLINES	BROAD INDEX PERFORMANCE ¹					MORNINGSTAR ALTERNATIVE CATEGORIES ¹					
Retirees Overestimate Impact of Volatility,			1 week	MTD	QTD	YTD		1 week	MTD	QTD	YTD
Underestimate Longevity	S&P 500		0.39	0.39	9.64	-12.24	Convertibles	1.44	1.44	6.32	-13.69
Market risk gets disproportionate attention from	Russell 3000		0.74	0.74	10.20	-13.05	Relative Value Arbitrage	0.52	0.52	1.80	-3.89
	Russell 2000		1.96	1.96	12.61	-13.77	Event Driven	0.34	0.34	1.68	-1.69
	Russell 1000		0.67	0.67	10.04	-13.01	Options Trading	0.21	0.21	5.16	-6.78
Retirement Research at Boston College. The study	Russell Mid Cap		0.69	0.69	10.63	-13.24	Systematic Trend	0.12	0.12	-2.52	13.02
quantified the magnitude of five objective risks that retirees face—longevity, market, health, family and	MSCI EM		0.97	0.97	0.81	-16.81	Derivative Income	0.12	0.12	5.59	-6.56
policy—in order to estimate how much wealth retirees	MSCI ACWI		0.31	0.31	7.36	-14.08	Nontraditional Bond	0.10	0.10	1.74	-5.05
	MSCI World		0.23	0.23	8.22	-13.73	Multistrategy	-0.17	-0.17	0.80	-3.42
	MSCI EAFE		-0.65	-0.65	4.31	-15.77	Macro Trading	-0.17	-0.17	0.81	-1.30
	ICE BofA Global 300 C	Convt	1.18	1.17	5.31	-14.00	Long-Short Equity	-0.33	-0.33	2.56	-7.34
#1 financial risk to their retirements, according to the	ICE BofA All US Conve	ertible	2.30	2.30	8.12	-13.73	Infrastructure	-0.45	-0.45	4.59	-3.59
	ICE BofA US High Yiel	d	0.53	0.52	6.57	-8.39	Equity Market Neutral	-1.20	-1.20	-1.75	1.30
the prospect that retirees may live longer than expected,	Bloomberg US Corp B	3ond	-0.89	-0.89	2.32	-12.40	Real Estate	-1.78	-1.78	6.64	-14.71
is the greatest financial risk. (See table, bottom right.)	Bloomberg US Govt/0	Credit	-0.89	-0.89	1.26	-9.93	Energy Limited Partnership	-3.26	-3.26	7.56	17.60
While retirees were found to have "exaggerated	Bloomberg US Agg Bo	ond	-1.04	-1.04	1.38	-9.11	Commodities Broad Basket	-3.54	-3.54	-1.71	17.35
assessments of market volatility," the lower ranking of longevity and health risks was attributed to pessimism	COMMODITIES ²						BOND RATES ²				
about their survival probabilities and their			8.5.22	7.31.22	12.31.21	8.5.21		8.5.22	7.31.22	12.31.21	8.5.21
	Gold		1773	1753	1820	1829	Effective Fed Funds Rate	2.33	1.58	0.08	0.09
	Oil		96.6	107.8	75.5	69.1	2-Year Treasury	3.03	2.89	0.75	0.21
ISM Manufacturing PMI (8/1): 52.8 vs. 52 Unemployment Rate (8/5): 3.5% vs. 3.6%	Gasoline		4.19	4.33	3.28	3.16	10-Year Treasury	2.68	2.67	1.55	1.23
	Bitcoin		23,285	23,296	46,245	40,894	ICE BofA US Corp. AAA	3.71	3.48	2.03	1.77
Non-Farm Payrolls (8/5): 528K vs. 250K	MARKET P	LUSE1					THE DISCONNECT IN ASSESS	SMENTS		EMENT R	ISKS
Economic Releases this Week		JLat									
Inflation Rate (8/10) Producer Price Index (8/11)	MONTH-T	io-date	As of	۲r	EAR-TO-DAT	TE		_			
Michigan Consumer Sentiment (8/12)	VALUE COR	-			-		Risks for Single Men	Hoy		/len Retire	
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MORNINGSTAR WEEK	ORNINGSTAR WEEKLY EST. NET FLOWS (\$MIL) ¹						
	Last	2 Wks	3 Wks	4 Wks	Weekly	YTD	
As of 8/3/22	Week	Ago	Ago	Ago	Streak	Flows	
Derivative Income	850	607	573	313	91	6,352	
Options Trading	260	87	187	147	5	(2,129)	
Multistrategy	92	90	36	(4)	3	15,538	
Event Driven	39	71	9	8	5	489	
Infrastructure	34	43	(13)	12	2	3,750	
Long-Short Equity	26	(8)	25	(30)	1	2,119	
Systematic Trend	22	119	132	168	34	2,063	
Macro Trading	2	91	78	71	12	1,153	
Equity Mkt Neutral	(6)	23	87	84	(1)	980	
Relative Value Arb	(10)	(5)	(69)	(69)	(12)	3,074	
Energy LP	(57)	(29)	38	14	(2)	(5,606)	
Convertibles	(64)	(90)	118	37	(2)	8,513	
Nontraditional Bond	(67)	(389)	(399)	(591)	(23)	(5,830)	
Real Estate	(89)	(221)	(285)	(247)	(8)	1,057	
Commodities Broad	(93)	339	(479)	(1,154)	(1)	4,731	

MONTH-TO-DATE VALUE CORE GROWTH		As of 8/5/2022	YEAR-TO-DATE VALUE CORE GROWTH			
-0.23	0.67	1.52	LARGE	-7.29	-13.01	-18.22
-0.24	0.69	2.37	MID	-9.24	-13.24	-20.72
0.95	1.96	2.97	SMALL	-8.45	-13.77	-19.22

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.

Risks for Single Men Retirees, Ranked Objectively		How Single Men Retirees Ranked the Risks					
Risk	Value	Risk	Value				
1. Longevity	27.2%	1. Market	31.0%				
2. Health 14.0%		2. Longevity	14.6%				
3. Market	10.8%	3. Health	9.6%				
4. Family	3.2%	4. Family	1.1%				
5. Policy	0.1%	5. Policy	0.3%				

Source: Center for Retirement Research at Boston College



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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