Russell 3000

Russell 2000

Russell 1000

MSCI EM

MSCI ACWI

MSCI World

MSCI EAFE

ICE BofA Global 300 Convt

Russell Mid Cap

Calamos Alternatives Snaps March 28, 2022 (data as of March 25, 2022 unless									T M E	
WEEKLY HEADLINES	BROAD INDEX PERFORMANCE ¹				MORNINGSTAR ALTERNATIVE CATEGORIES ¹					
A 20% Allocation to Alts Would Have Improved		1 week	MTD	QTD	YTD		1 week	MTD	QTD	YTD
10-year Risk-adjusted Returns: Morningstar	S&P 500	1.81	3.98	-4.35	-4.35	Energy Limited Partnership	6.75	7.02	20.98	20.98

3.44

1.58

3.56

2.65

-3.72

1.85

2.58

-0.55

-0.91

-5.10

-7.22

-4.96

-5.60

-8.35

-5.61

-5.26

-7.01

-6.52

1.53

-0.38

1.65

0.97

0.23

1.20

1.32

0.20

0.34

A 20% Allocation to Aits would have improved
10-year Risk-adjusted Returns: Morningstar
"Despite trailing US equities by a wide margin over the proceeded, a 20% allocation to some types of alternatives would have improved risk-adjusted returns versus an all equity or balanced portfolio," by modifying, diversifying eliminating traditional market risks. This is a quote from Morningstar analysis published last week.
"In periods of intense market selloffs like the one seen in January," the post found, "all seven alternatives categor lost less than the Morningstar US Market Index, and in some cases delivered positive returns. Overall, most

alternative strategies have shown significantly less downside risk than broad equity market benchmarks." Over longer periods, most alts categories have shown close

correlations with equities but low levels of equity beta meaning that their returns are not primarily driven by moves in the equity markets. (See correlation profile bottom right.) It's the impact of the low equity beta that has a greater influence than correlation on portfolio performance, Morningstar said. **Economic Releases vs. Consensus (Previous Week)**

New Home Sales (Feb): 0.772M vs. 0.810M Durable Good Orders (Feb): -2.2% vs. -0.5%

Initial Jobless Claims: 187K vs. 212K **Economic Releases this Week**

JOLTS (3/29)

Personal Income (3/31)

Personal Spending (3/31)

Nontraditional Bond

MORNINGSTAR WEEKLY EST. NET FLOWS (\$MIL) ¹									
	Last	2 Wks	3 Wks	4 Wks	Weekly	YTD			
As of 3/23/22	Week	Ago	Ago	Ago	Streak	Flows			
Derivative Income	384	406	241	632	68	5,328			
Options Trading	335	325	122	268	68	4,434			
Multistrategy	155	118	121	84	9	2,141			
Equity Mkt Neutral	138	122	137	140	10	1,560			
Event Driven	136	129	54	48	22	875			
Commodities Broad	106	226	1,650	1,131	14	6,929			
Energy LPs	75	(52)	6	231	11	697			
Systematic Trend	64	105	140	101	68	1,125			
Relative Value Arb	42	73	64	69	9	1,732			
Macro Trading	36	32	25	24	-3	343			
Real Estate	12	(765)	(1,076)	(1,348)	-1	(2,082)			
Convertibles	(3)	(98)	(167)	(216)	-4	(1,694)			
Long-Short Equity	(29)	(112)	54	83	-3	508			
Infrastructure	(50)	(35)	(129)	(124)	-1	(33)			

ICE BofA All US Convertible		0.60	0.57	-6.00	-6.0	00			
CE B	ofA US H	igh Yiel	d	-0.58	-1.93	-5.48	-5.4	18	
Bloor	loomberg US Corp Bond		-1.73	-3.95	-9.04	-9.0)4		
Bloor	mberg U	S Govt/	Credit	-1.76	-3.87	-7.32	-7.3	32	
Bloor	mberg U	S Agg Bo	ond	-1.82	-3.76	-6.89	-6.8	39	
сом	IMODIT	IES ²							
				3.25.22	2.28.22	12.31.2	21 3.25	.21	
Gold				1954	1910	1820	173	32	
Oil				112.1	96.1	75.5	58.	.5	
Gasol	line			4.24	3.53	3.28	2.8	7	
Bitcoin			44,355	43,206	46,245	5 51,3	86		
MA	RKET P	ULSE ¹						AL	
MONTH-TO-DATE			As of	YEAR-TO-DATE					
	VALUE	CORE	GROWTH	3/25/2022	VALUE	CORE	GROWTH		
rs	3.74	3.56	3.39	LARGE	-0.15	-4.96	-9.50	1 N 2 E	
8 4 1 0	3.62	2.65	0.71	MID	-1.27	-5.60	-13.35	3 N	
5 9 7	3.00	1.58	0.03	SMALL	-1.40	-7.22	-13.00	5 C 6 F 7 S	
3								/ 3	
2				icative of futur					

sell securities. Source: 1 Morningstar (Net Flows as of previous Wed.), ²St. Louis Federal Reserve (FRED Database). FOR INVESTMENT

PROFESSIONAL USE ONLY.

1,067

Commodities Broad Basket

-5.10Systematic Trend Infrastructure

-7.22 -4.96-5.60

-8.35

Derivative Income Macro Trading

-5.61-5.26-7.01 -6.52

Options Trading Convertibles Long-Short Equity Multistrategy

Real Estate

Event Driven

BOND RATES²

2-Year Treasury

10-Year Treasury

ICE BofA US Corp. AAA

1 Morningstar US Market 1.00

2 Equity Market Neutral

3 Macro Trading

4 Multistrategy

5 Options Trading

Relative Value Arbitrage

Equity Market Neutral

Effective Fed Funds Rate

Nontraditional Bond

ALTERNATIVES 3-YEAR CORRELATION MATRIX

0.78 0.66 0.65 0.63

0.36

0.26

0.22

0.21

-0.23

3.25.22

0.33

2.13

2.34

3.04

2

0.90 0.25 1.00

0.92 0.32 0.91 1.00

5.26

3.66

1.40

1.05

1.02

1.98 1.79 0.60

1.08

4.18

-0.04

0.19

0.44

-1.09

0.08

1.44

1.83

2.61

13.68

8.28

-1.090.61

30.15

12.34

3.87 0.09 0.09 2.94 -1.09 0.61 -2.16-5.57 1.41

30.15

12.34

-2.16 -5.57-2.04-2.04 -0.67-0.67-6.74-6.74-1.19-1.19

-0.35 -0.35 1.87 1.87 -2.92 -2.92 2.28.22

12.31.21 3.25.21 0.08 0.07 0.75 0.14 1.55 1.63 2.03 2.09

■ 0.76 to 1.00 ■ 0.51 to 0.75 ■ 0.26 to 0.50 ■ 0.01 to 0.25

0.99 0.28 0.89 0.92 1.00

6 Relative Value Arbitrage 0.79 -0.01 0.75 0.86 0.77 1.00 0.19 0.19 0.49 0.27 0.18 0.14 1.00 7 Systematic Trend Source: Morningstar.com, Morningstar Direct. Data as of 12/31/21. All indexes shown are Morningstar benchmarks based on total returns in US dollars unless otherwise noted.

1

0.22 1.00



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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