Calamos Alternatives Snapshot

September 19, 2022 (data as of September 16, 2022 unless indicated)

CALAMOS INVESTMENTS

WEEKLY HEADLINES

What Does That One-day 4.3% Drop Signal—Recession? Recovery?

Stocks' decline of 4.3% last Tuesday was one of 54 times since 1950 (including on May 18) when the S&P 500 fell more than 4%. What hasn't happened before, according to Almanac Trader: a drop of that size with the VIX below 30 all day. Further, data reported in the Daily Shot showed that multiple daily drops greater than 4% most commonly occur during recessions.

Investors won't find much near-term encouragement in what happened in the 60 days after the previous 53. But, Almanac Trader data shows solid gains occurred in the next three, six and 12 months in the majority of occurrences. In the full history since 1950, the market was higher almost 83% of the time one year after a 4%-plus one-day decline, with an average gain over 25%. Gains after 4% drops since 1990 have been lower: almost 14% on average 71% of the time, as shown in table, bottom right.

Economic Releases vs. Consensus (Previous Week)

CPI/Core CPI (y/y): 8.3%/6.3% vs. 8.1%/6.1%
PPI/Core PPI (y/y): 8.7%/7.3% vs. 8.8%/7.1%
Retail Sales (Aug): 0.3% vs. 0.0%

Economic Releases this Week

Housing Starts (9/20)
Existing Home Sales (9/21)
FOMC Meeting (9/20-9/21)

MORNINGSTAR WEEKLY EST. NET FLOWS ($MIL)[1]

As of 9/14/22	Last Week	2 Wks Ago	3 Wks Ago	4 Wks Ago	Weekly Streak	YTD Flows
Derivative Income	491	317	692	578	97	18,301
Options Trading	310	121	(56)	145	2	8,704
Real Estate	192	(36)	27	(230)	1	(6,078)
Systematic Trend	179	169	112	144	40	5,585
Energy LPs	122	(3)	(47)	25	1	525
Event Driven	66	12	27	47	9	2,382
Infrastructure	57	52	(13)	16	2	2,402
Macro Trading	42	45	38	48	18	1,320
Long-Short Equity	9	13	21	30	4	1,232
Equity Mkt Neutral	(3)	13	(34)	68	(1)	3,748
Multistrategy	(14)	34	27	38	(1)	3,350
Relative Value Arb	(49)	(57)	(60)	(23)	(18)	792
Convertibles	(168)	(44)	145	58	(2)	(1,815)
Nontraditional Bond	(239)	(118)	(270)	(348)	(29)	(7,043)
Commodities Broad	(473)	(359)	185	(21)	(2)	5,622

BROAD INDEX PERFORMANCE[1]

	1 week	MTD	QTD	YTD
S&P 500	-4.73	-1.97	2.70	-17.80
Russell 3000	-4.77	-1.97	3.22	-18.56
Russell 2000	-4.46	-2.41	5.57	-19.16
Russell 1000	-4.79	-1.94	3.07	-18.52
Russell Mid Cap	-5.06	-1.57	4.75	-17.84
MSCI EM	-2.61	-4.89	-4.61	-21.28
MSCI ACWI	-4.03	-2.42	0.63	-19.47
MSCI World	-4.20	-2.10	1.33	-19.23
MSCI EAFE	-2.72	-2.66	-2.64	-21.39
ICE BofA Global 300 Convt	-1.78	-1.01	3.22	-15.70
ICE BofA All US Convertible	-2.39	-0.82	5.78	-15.60
ICE BofA US High Yield	-2.24	-1.07	2.38	-11.99
Bloomberg US Corp Bond	-0.99	-1.86	-1.65	-15.80
Bloomberg US Govt/Credit	-0.86	-1.69	-2.18	-12.98
Bloomberg US Agg Bond	-0.93	-1.82	-2.27	-12.38

COMMODITIES[2]

	9.16.22	8.31.22	12.31.21	9.16.21
Gold	1665	1716	1820	1756
Oil	88.2	97.4	75.5	72.7
Gasoline	3.69	3.83	3.28	3.17
Bitcoin	19,784	20,025	46,245	47,773

MORNINGSTAR ALTERNATIVE CATEGORIES[1]

	1 week	MTD	QTD	YTD
Systematic Trend	0.65	0.72	0.74	16.80
Equity Market Neutral	0.03	-0.27	-1.27	1.80
Relative Value Arbitrage	-0.50	-0.25	1.99	-3.71
Macro Trading	-0.56	-0.46	0.13	-1.96
Nontraditional Bond	-0.64	-0.52	0.49	-6.22
Event Driven	-0.66	-0.13	1.33	-2.03
Multistrategy	-0.81	-0.40	0.30	-3.89
Commodities Broad Basket	-1.68	-3.77	-2.82	16.03
Long-Short Equity	-2.07	-1.25	-0.44	-10.05
Convertibles	-2.10	-0.80	3.99	-15.58
Energy Limited Partnership	-2.31	-0.89	12.02	22.47
Options Trading	-2.55	-1.18	1.40	-10.11
Infrastructure	-3.72	-1.68	0.22	-7.62
Derivative Income	-3.76	-1.71	0.07	-11.45
Real Estate	-5.41	-2.70	-0.61	-20.51

BOND RATES[2]

	9.16.22	8.31.22	12.31.21	9.16.21
Effective Fed Funds Rate	2.33	2.33	0.08	0.08
2-Year Treasury	3.87	3.45	0.75	0.23
10-Year Treasury	3.45	3.15	1.55	1.34
ICE BofA US Corp. AAA	4.29	4.00	2.03	1.79

MARKET PULSE[1]

MONTH-TO-DATE VALUE	CORE	GROWTH	As of 9/16/2022	YEAR-TO-DATE VALUE	CORE	GROWTH
-1.23	-1.94	-2.63	LARGE	-10.96	-18.52	-25.21
-1.63	-1.57	-1.47	MID	-13.24	-17.84	-26.19
-2.15	-2.41	-2.67	SMALL	-14.06	-19.16	-24.36

S&P 500 PERFORMANCE AFTER >4% DAILY DECLINES

Since 1990

>4% Daily Decline	Close	1-month after	3 months after	6 months after	1 year after
		%	%	%	%
10/27/1997	-6.87	8.51	10.49	23.89	21.48
3/12/2001	-4.32	0.28	6.41	-7.42	-1.24
9/15/2008	-4.71	-23.88	-27.18	-36.57	-11.74
8/4/2011	-4.78	-2.17	4.43	12.07	15.91
2/5/2018	-4.10	2.72	0.55	7.23	3.35
2/27/2020	-4.42	-14.68	1.93	16.98	27.94
6/11/2020	-5.89	6.09	11.29	22.03	41.48
5/18/2022	-4.04	-6.34	9.18		
9/13/2022	-4.32				
	Average	-3.30	1.13	5.46	13.88
	Median	0.28	4.43	12.07	15.91
	% Up	57.1%	85.7%	71.4%	71.4%

Source: Almanac Trader

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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