# RTM Analytics Alternative Commodity Algorithmic Program

A Non-Correlated Portfolio Diversification Alternative

## May2025

The information in this presentation is for illustrative purposes only. Hypothetical results relating to the Alternative Commodity Algorithmic Program ("ACAP<sup>©</sup>") do not reflect actual investment results or the trading of an actual account and are achieved by the retroactive application of market and other trading data. Hypothetical results have many inherent limitations, including that they are prepared with the benefit of hindsight. Hypothetical results do not involve financial risk. There are numerous other factors related to the markets in general or to the implementation of any specific trading program which cannot be fully accounted for in preparation of hypothetical results, all of which can adversely affect actual trading results.

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Returns associated with the Alternative Commodity Algorithmic Program – Continuous Contract ("ACAP-CC"), Alternative Commodity Algorithmic Program – Total Return ("ACAP"), and the Alternative Commodity Algorithmic Program Strategy ("ACAP-S") shown in this presentation are HYPOTHETICAL returns.

PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS

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HYPOTHETICAL PERFORMANCE RESULTS HAVE MANY INHERENT LIMITATIONS, SOME OF WHICH ARE DESCRIBED BELOW. NO REPRESENTATION IS BEING MADE THAT ANY ACCOUNT WILL OR IS LIKELY TO ACHIEVE PROFITS OR LOSSES SIMILAR TO THOSE SHOWN. IN FACT, THERE ARE FREQUENTLY SHARP DIFFERENCES BETWEEN HYPOTHETICAL PERFORMANCE RESULTS AND THE ACTUAL RESULTS SUBSEQUENTLY ACHIEVED BY ANY PARTICULAR TRADING PROGRAM.

ONE OF THE LIMITATIONS OF HYPOTHETICAL PERFORMANCE RESULTS IS THAT THEY ARE GENERALLY PREPARED WITH THE BENEFIT OF HINDSIGHT. IN ADDITION, HYPOTHETICAL TRADING DOES NOT INVOLVE FINANCIAL RISK, AND NO HYPOTHETICAL TRADING RECORD CAN COMPLETELY ACCOUNT FOR THE IMPACT OF FINANCIAL RISK IN ACTUAL TRADING. FOR EXAMPLE, THE ABILITY TO WITHSTAND LOSSES OR TO ADHERE TO A PARTICULAR TRADING PROGRAM IN SPITE OF TRADING LOSSES ARE MATERIAL POINTS WHICH CAN ALSO ADVERSELY AFFECT ACTUAL TRADING RESULTS. THERE ARE NUMEROUS OTHER FACTORS RELATED TO THE MARKETS IN GENERAL OR TO THE IMPLEMENTATION OF ANY SPECIFIC TRADING PROGRAM WHICH CANNOT BE FULLY ACCOUNTED FOR IN THE PREPARATION OF HYPOTHETICAL PERFORMANCE RESULTS AND ALL OF WHICH CAN ADVERSELY AFFECT ACTUAL TRADING RESULTS.

PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS

#### **DISCLAIMER**

Hypothetical performance records are prepared with the benefit of hindsight and invariably show positive rates of return. Please see pages 3 and below for further information on the hypothetical record and its limitations.

The following is a list of assumptions as the basis for the hypothetical or simulated results:

- i. The performance summary assumes that no additions are made except for the starting equity of \$1,000,000 and that profits made in the account are reinvested.
- ii. The hypothetical record for ACAP-S assumes the following fees: (a) commissions of \$2.52 per round-turn trade inclusive of all brokerage and exchange fees, (b) monthly management fees of .1667% of the notional account amount (2.00% annualized). To the extent that the fees charged to a client are higher than the fees assumed to be charged to the hypothetical account, the rates of return included in the performance record of the hypothetical account are higher than that which the client would have obtained.
- iii. The simulation assumes that prices are not influenced by the system's trades regardless of the number of contracts executed.
- iv. The simulation assumes purchases or sales of commodity contracts based on posted settlement prices. In actual trading, prices received may or may not be the same as the assumed order prices. To compensate for this factor the following record assumes a slippage factor of at least \$1.50 per traded contract.

#### PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS

#### **Commodity Returns**

The Alternative Commodity Algorithmic Programs transact only in highly liquid, US Exchange listed futures contracts.

The return on a passive long exposure to any commodity futures contract is the sum of:

- Change in spot price.
- Roll yield. The roll yield can be either positive or negative. When rolling a long futures position, a backwardated forward curve normally provides a positive return as one is rolling from from a higher priced futures contract into a lower priced futures contract. The opposite is true for a contango (carry) structured forward curve. An example of each curve structure is shown for WTI Crude Oil on the next page.
- Collateral yield. ACAP programs use the Federal 3-Month Treasury Bill Rate for the hypothetical past performance values.

The Alternative Commodity Algorithmic Program – Continuous Contract ("ACAP-CC") is comprised of the first two types listed above. Since the ACAP-CC is comprised of both long and short positions, the roll yield may be either positive or negative, depending on the position being established for the upcoming period.

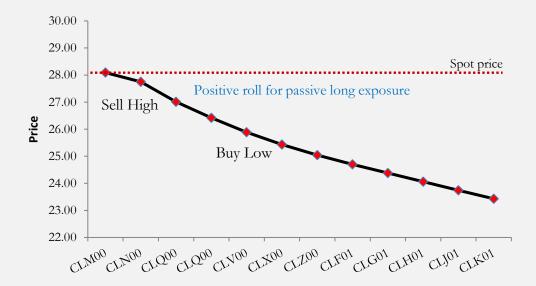
Alternative Commodity Algorithmic Program – Total Return ("ACAP") is comprised of all three types of return listed above.

Alternative Commodity Algorithmic Program – Strategy ("ACAP-S") is the ACAP less the expected management fee, performance fee, and transaction costs to provide a more representative return for an investor to use when comparing the hypothetical ACAP historical returns versus other investable programs.

#### The Basics of Backwardated and Contango (Carry) Commodity Futures Forward Curves

#### Backwardated Market - WTI Crude Oil

Data from 5/8/2000 Further out futures contracts trade at lower prices



#### Statistical expectation that future prices to rise

(Futures price of a given contract expected to converge upward to spot price)

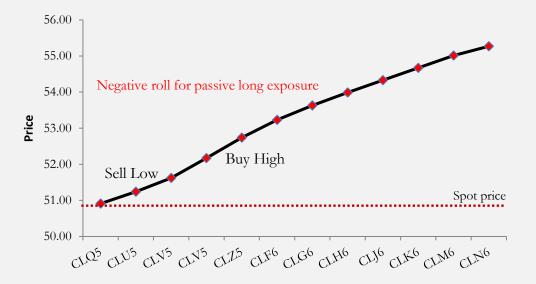
#### Statistical expectation of a positive roll yield

(Higher-priced near contract sold and lower-priced farther contract bought)

#### Contango (Carry) Market – WTI Crude Oil

Data from 7/16/2015

Further out futures contracts trade at higher prices



#### Statistical expectation that future prices to <u>fall</u>

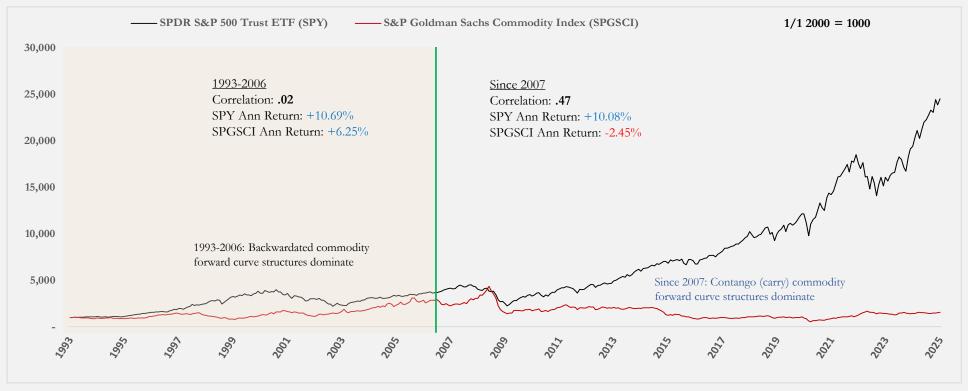
(Futures price of a given contract expected to converge downward to spot price)

#### Statistical expectation of a <u>negative</u> roll yield

(Lower-priced near contract sold and higher-priced farther contract bought)

#### The Problem

- Since 2006, a paradigm shift in the commodity market forward curves, from primarily backwardated to primarily contango (carry), significantly diminished the expected return profile from long-only commodity exposures at the same time decreasing their non-correlated diversification benefits<sup>1</sup>. This development can be attributed largely to the massive increase in passive long-only funds entering the asset class.
- The utilization of various long-only commodity strategies offered by high-fee managers have been replicated by cost-effective mutual fund and ETF offerings. While these offerings provide lower costs, we do not believe that they address the primary shortcomings of long-only exposures: high correlation to equites and negative roll yields.
- Additionally, in our view, many of these lower cost programs utilize excess leverage to generate returns, have fee structures incompatible with the returns generated, utilize illiquid investments, and may have counter-party risk issues.



<sup>&</sup>lt;sup>1</sup> Source: "Alternative Commodity Investing for a New Paradigm"; Sultan, J., Murphy, R. (2017) Presented at the Institute for Higher Business Studies, Carthage - Tunisia (IHEC Carthage).

Updated through May 2025

#### The Opportunity

- Passive long-only commodity allocations benchmarked to established commodity indices, such as the S&P Goldman Sachs Commodity Index (SPGSCI) and the Bloomberg Commodity Index (BCI), are estimated to be over \$250 billion.
- Alternative Commodity Algorithmic Program (VCAP), in our view, is comparable to investable commodity-based and managed futures programs.
- Managed Futures have over \$350 billion in assets1.
- Current commodity-based ETFs have over \$126 billion in AUM, mostly in Gold related programs (\$110B)<sup>2</sup>.
- Broad-based commodity-based ETF's have about \$16 billion in assets<sup>2</sup>.
- Gold is primarily utilized as a useful diversifier to core equity/fixed income portfolios.

#### Benefits of Alternative Investments<sup>3</sup>

#### • Expanded investment universe

Alternative investments can be a way to expand beyond traditional asset classes, providing additional investment options to potentially grow and protect your wealth.

#### • Enhanced returns and income

Various types of alternative investments can help improve total returns and income, potentially bolstering a portfolio's overall performance across market cycles.

#### Diversification

Alternative investments can provide returns that differ from traditional investments as well as the opportunity to manage risk.

#### Avg Correlation with

		2
Ran	lk Asset Class	17 other asset classes <sup>3</sup>
1	Managed Futures	-0.18
2	Treasuries	-0.06
3	Private Real Estate	0.13
4	Macro Strategies	0.15
5	TIPS	0.27
6	Venture Capital	0.28
7	Investment-grade Bonds	0.33
8	Distressed Debt	0.35
9	High-Yield Bonds	0.36
10	Equity Market Neutral Strategies	0.40
11	Direct Lending	0.42
12	Emerging-Market Equity	0.42
13	Equity-Generalist	0.44
14	REITs	0.45
15	U.S. Small Cap	0.46
16	Developed-Market Equity	0.49
17	U.S. Large Cap	0.51
18	Buyout	0.51

<sup>&</sup>lt;sup>1</sup> BarclayHedge: <a href="https://www.barclayhedge.com/solutions/assets-under-management/cta-assets-under-management/">https://www.barclayhedge.com/solutions/assets-under-management/cta-assets-under-management/</a>

<sup>&</sup>lt;sup>2</sup> Morningstar: <a href="https://www.morningstar.com/commodity-etfs">https://www.morningstar.com/commodity-etfs</a>

<sup>&</sup>lt;sup>3</sup> Fidelity Research Institutional Insights, "Alternative Investments and Their Roles in Multi-Asset Class Portfolios White Paper" August 2023

#### The Solution

- The Alternative Commodity Algorithmic Program Total Return (ACAP) provides consistent non-correlated diversification to a core 60/40 equity/fixed income portfolio compared to long-only commodity programs.
- The Alternative Commodity Algorithmic Program- Strategy (ACAP-S) is the hypothetical performance of ACAP accounting for estimated management, performance, and transaction fees.
- ACAP transacts only in highly-liquid, US Exchange listed futures contracts, substantially diminishing the potential issues associated with counter-party risk inherent in many alternative investments.

Table 1

Alternative Commodity Algorithmic Program - Strategy (ACAP-S) vs Comparable Investable Commodity Programs

Updated through 5/30/25

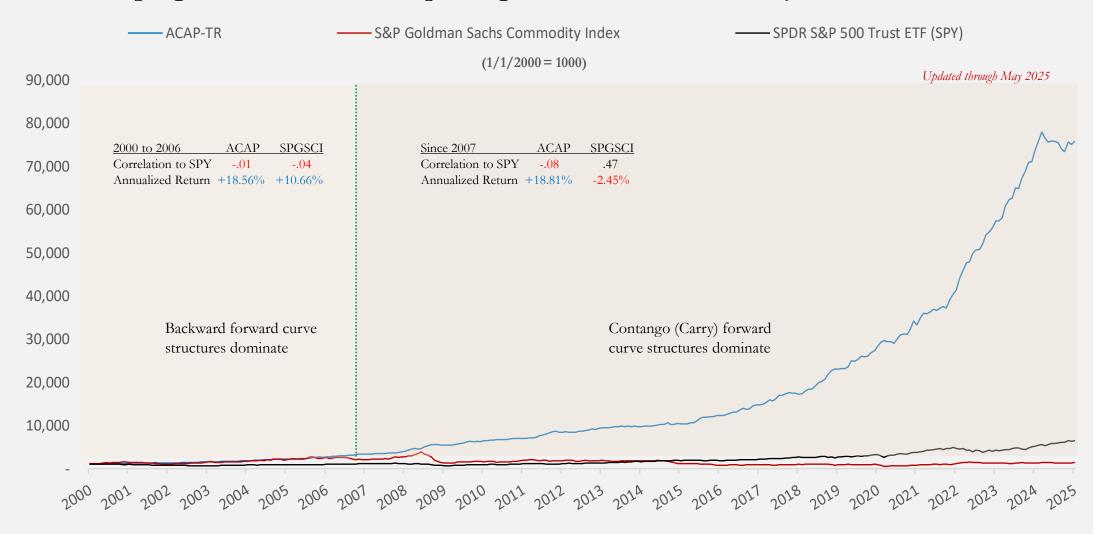
<i>_</i>	<i>O</i> , (	/	1		0								1	0 ' '
Program	Symbol	AUM	Inception Date	Expense Ratio	MTD	YTD	3 yr*	5yr*	10 yr*	Since Inception	Sharpe Ratio	Max Drawdown	Correl to SPY 1	Div Portfolio Sharpe Ratio
Alternative Commodity Algorithmic Program - Strategy	ACAP-S	-	11-28-2014 (10.50yrs)	1.20% est	+0.59%	+3.98%	+15.71%	+19.45%	+19.81%	+19.17%	2.53	-7.00%	-0.08	0.94
Invesco Optimum Yield Diversified Commodity Strategy N	PDBC	\$4,528,470,000	11-28-2014 (10.50yrs)	0.59%	+0.80%	-3.46%	-7.40%	+14.06%	+2.88%	+1.35%	-0.03	-44.52%	+0.40	0.56
Alternative Commodity Algorithmic Program - Strategy	ACAP-S	-	10-31-2013 (11.58yrs)	1.20% est	+0.59%	+3.98%	+15.71%	+19.45%	+19.81%	+17.49%	2.33	-7.00%	-0.09	1.01
First Trust Global Tactical Commodity Strategy Fund	FTGC	\$2,193,260,000	10-31-2013 (11.58yrs)	1.02%	-0.70%	+0.90%	-0.90%	+15.06%	+2.47%	+0.50%	-0.10	-57.64%	+0.42	0.62
Alternative Commodity Algorithmic Program - Strategy	ACAP-S	-	02-28-2006 (19.25yrs)	1.20% est	+0.59%	+3.98%	+15.71%	+19.45%	+19.81%	+16.87%	2.29	-7.00%	-0.08	0.91
Invesco DB Commodity Index Tracking Fund	DBC	\$1,441,190,000	02-28-2006 (19.25yrs)	0.87%	+1.51%	-2.34%	-6.93%	+14.53%	+3.04%	+0.47%	-0.06	-74.55%	+0.47	0.52
Alternative Commodity Algorithmic Program - Strategy	ACAP-S	-	10-31-2014 (10.58yrs)	1.20% est	+0.59%	+3.98%	+15.71%	+19.45%	+19.81%	+18.89%	2.49	-7.00%	-0.08	0.95
iShares GSCI Cmd Dyn Roll Stgy ETF	COMT	\$871,820,000	10-31-2014 (10.58yrs)	0.48%	+2.27%	-2.13%	-6.41%	+12.61%	+2.60%	+0.25%	-0.09	-46.59%	+0.41	0.55
Alternative Commodity Algorithmic Program - Strategy	ACAP-S	-	07-31-2006 (18.83yrs)	1.20% est	+0.59%	+3.98%	+15.71%	+19.45%	+19.81%	+16.72%	2.26	-7.00%	-0.08	0.93
iShares S&P GSCI Commodity-Indexed Trust	GSG	\$900,320,000	07-31-2006 (18.83yrs)	0.75%	+2.02%	-2.76%	-5.44%	+16.61%	+0.00%	-4.54%	-0.27	-88.68%	+0.46	0.45
Alternative Commodity Algorithmic Program - Strategy	ACAP-S	-	01-31-2012 (13.33yrs)	1.20% est	+0.59%	+3.98%	+15.71%	+19.45%	+19.81%	+15.99%	2.20	-7.00%	-0.07	1.12
LoCorr Long/Short Commodity Strategies Fund	LCSIX	\$631,880,000	01-31-2012 (13.33yrs)	0.00%	-0.91%	+0.34%	-3.53%	+1.14%	+4.67%	+3.39%	0.24	-22.96%	-0.15	0.87

<sup>&</sup>lt;sup>1</sup> SPY is the SPDR S&P 500 Trust ETF

<sup>\*</sup> Annualized Return. Time period covered may be less than column label

<sup>&</sup>lt;sup>2</sup> Div(ersified) Portfolio is comprised of 51% SPY ETF, 34% iShares Core US Aggregate Bond ETF, and 15% of the listed rpogram

#### The ACAP program accounts for the paradigm shift in the commodity futures forward curve



Please see the Disclaimers in the front of this document for further information on hypothetical performance and its limitations. There is always a substantial risk of loss.

# ACAP-S provides diversification during equity stress periods

Historical Performance of Equities, Managed Futures, a S&P Goldman Sachs Commodity Index, and ACAP<sup>©</sup> during Crises

Period	Description of Crisis	Equity Returns <sup>1</sup>	Managed Futures Returns <sup>2</sup>	SPGSCI <sup>3</sup>	ACAP Returns <sup>4</sup>
SEP 2000 - NOV 2000	USS Cole; Mad Cow outbreak; Bush v Gore	- 5.93%	- 1.55%	- 1.15%	+ 2.89%
FEB 01 - MAR 01	Bush inaugurated; US and Britain attack Iraq	- 14.61%	+ 5.48%	- 5.26%	+ 1.49%
JUL 01 - SEP 01	Events leading up to 9/11 attacks	- 14.49%	+ 2.71%	- 9.89%	+ 4.81%
APR 02 - SEP 02	Enron and WorldCom; End of tech bubble	- 28.01%	+ 17.16%	+ 11.55%	+ 9.71%
DEC 02 - FEB 03	War in Iraq; SARS outbreak	- 9.22%	+ 14.90%	+ 32.63%	+ 4.20%
JUN 08 - FEB 09	Global financial crisis (The Great Recession)	- 46.32%	+ 7.18%	- 64.66%	+ 17.48%
MAY 10 - JUN 10	Greek crisis	- 12.71%	- 1.65%	- 12.83%	+ 1.40%
MAY 11 - SEP 11	Eurozone debt crisis; US credit downgrade	- 16.22%	- 3.66%	- 22.14%	+ 16.01%
APR 12 - MAY 12	Continuing European crises	- 6.63%	+ 3.12%	- 13.42%	- 0.50%
AUG 15 - SEP 15	Chinese currency crisis	- 8.49%	- 0.74%	- 6.05%	+ 2.14%
DEC 15 - JAN 16	Draghi stimulus fiasco; first Fed hike since 2006	- 6.62%	+ 2.77%	- 13.35%	+ 1.39%
FEB 20 - MAR 20	Corona Virus pandemic	- 19.42%	- 1.36%	- 35.35%	+ 4.43%
1 Equity Returns represented by the S	PDR S&P 500 Trust ETF	- 188.67%	+ 44.34%	- 139.92%	+ 65.45%

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<sup>2</sup> Managed Futures Returns represented by the Societe General CTA Index

<sup>3</sup> SPGSCI is the S&P Goldman Sachs Commodity Index - Total Return - a long only, production weighted commodity index

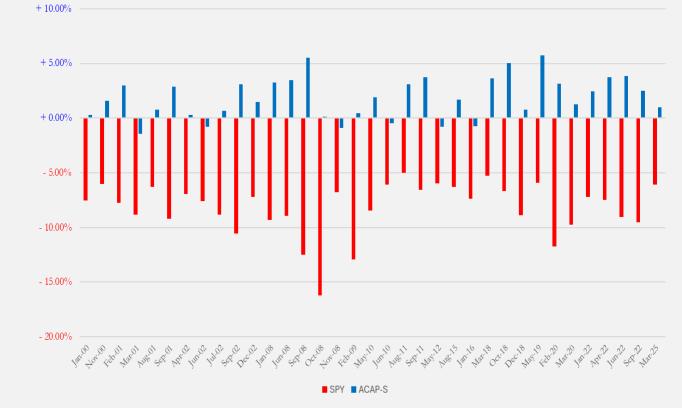
<sup>4</sup> ACAP-S represents HYPOTHETICAL returns for the Alternative Commodity Algorithmic Program - Strategy

Month Date	SPY	ACAP	ACAP vs SPY
1/31/2000	- 7.51%	+ 0.26%	+ 7.77%
11/30/2000	- 6.04%	+ 1.56%	+ 7.60%
2/28/2001	- 7.75%	+ 2.99%	+ 10.75%
3/30/2001	- 8.84%	- 1.46%	+ 7.37%
8/31/2001	- 6.28%	+ 0.78%	+ 7.06%
9/28/2001	- 9.19%	+ 2.89%	+ 12.08%
4/30/2002	- 6.91%	+ 0.29%	+ 7.21%
6/28/2002	- 7.60%	- 0.79%	+ 6.81%
7/31/2002	- 8.82%	+ 0.65%	+ 9.47%
9/30/2002	- 10.56%	+ 3.09%	+ 13.65%
12/31/2002	- 7.18%	+ 1.45%	+ 8.63%
1/31/2008	- 9.31%	+ 3.25%	+ 12.56%
6/30/2008	- 8.96%	+ 3.47%	+ 12.43%
9/30/2008	- 12.50%	+ 5.51%	+ 18.01%
10/31/2008	- 16.24%	+ 0.12%	+ 16.36%
11/28/2008	- 6.78%	- 0.88%	+ 5.90%
2/27/2009	- 12.91%	+ 0.45%	+ 13.36%
5/28/2010	- 8.47%	+ 1.90%	+ 10.37%
6/30/2010	- 6.07%	- 0.50%	+ 5.58%
8/31/2011	- 5.00%	+ 3.10%	+ 8.10%
9/30/2011	- 6.54%	+ 3.75%	+ 10.29%
5/31/2012	- 6.00%	- 0.79%	+ 5.21%
8/31/2015	- 6.30%	+ 1.70%	+ 8.00%
1/29/2016	- 7.37%	- 0.76%	+ 6.61%
3/29/2018	- 5.28%	+ 3.65%	+ 8.93%
10/31/2018	- 6.67%	+ 5.00%	+ 11.67%
12/31/2018	- 8.86%	+ 0.74%	+ 9.60%
5/31/2019	- 5.89%	+ 5.71%	+ 11.60%
2/28/2020	- 11.71%	+ 3.12%	+ 14.83%
3/31/2020	- 9.75%	+ 1.27%	+ 11.02%
1/31/2022	- 7.23%	+ 2.44%	+ 9.67%
4/29/2022	- 7.49%	+ 3.75%	+ 11.24%
6/30/2022	- 9.02%	+ 3.84%	+ 12.86%
9/30/2022	- 9.53%	+ 2.49%	+ 12.03%
3/31/2025	- 6.10%	+ 0.96%	+ 7.06%

#### Stats when SPY has a monthly negative

performance of -5.00% or more	Return	Occurances
ACAP performance vs SPY since 2000	+ 351.69%	35
ACAP up when SPY down since 2000		29
ACAP performance vs SPY 2000 - 2010	+ 201.08%	19
ACAP up when SPY down 2000-2010		15
ACAP performance vs SPY 2011 - 4/2025	+ 150.61%	16
ACAP up when SPY down 2011 - 4/2025		14
Correlation for entire period for -5.00% SPY	months	(0.02)

ACAP v SPY when SPY monthly performance is less than -5.00%



Date	SPGSCI	ACAP	ACAP v GSCI
7/31/2000	- 7.68%	+ 1.89%	+ 9.57%
1/31/2001	- 5.31%	+ 4.44%	+ 9.75%
6/29/2001	- 7.23%	+ 0.86%	+ 8.10%
9/28/2001	- 10.96%	+ 2.89%	+ 13.85%
10/31/2001	- 5.04%	- 4.76%	+ 0.28%
11/30/2001	- 5.37%	- 1.95%	+ 3.42%
3/31/2003	- 14.41%	+ 0.06%	+ 14.47%
4/30/2003	- 6.14%	+ 1.54%	+ 7.68%
12/31/2004	- 9.99%	+ 0.51%	+ 10.50%
4/29/2005	- 9.05%	+ 1.09%	+ 10.14%
10/31/2005	- 10.33%	+ 2.45%	+ 12.78%
2/28/2006	- 10.10%	+ 0.66%	+ 10.76%
8/31/2006	- 7.26%	+ 1.52%	+ 8.78%
9/29/2006	- 10.71%	+ 2.19%	+ 12.90%
12/29/2006	- 7.12%	+ 0.44%	+ 7.56%
7/31/2008	- 12.24%	+ 7.59%	+ 19.83%
8/29/2008	- 7.10%	+ 3.28%	+ 10.38%
9/30/2008	- 12.44%	+ 5.51%	+ 17.95%
10/31/2008	- 28.20%	+ 0.12%	+ 28.32%
11/28/2008	- 14.84%	- 0.88%	+ 13.96%
12/31/2008	- 13.32%	- 2.05%	+ 11.27%
1/30/2009	- 8.94%	- 0.81%	+ 8.13%
2/27/2009	- 6.10%	+ 0.45%	+ 6.55%
1/29/2010	- 7.90%	+ 4.18%	+ 12.08%
5/31/2010	- 13.19%	+ 1.89%	+ 15.08%
8/31/2010	- 5.52%	- 0.25%	+ 5.27%
5/31/2011	- 6.89%	+ 2.28%	+ 9.17%
6/30/2011	- 5.31%	+ 4.07%	+ 9.37%
9/30/2011	- 12.17%	+ 3.75%	+ 15.92%
5/31/2012	- 12.98%	- 0.79%	+ 12.19%
7/31/2014	- 5.30%	+ 1.42%	+ 6.72%
9/30/2014	- 6.02%	+ 2.69%	+ 8.72%
10/31/2014	- 5.98%	- 2.78%	+ 3.20%
11/28/2014	- 10.92%	- 1.04%	+ 9.88%
12/31/2014	- 13.63%	+ 2.95%	+ 16.58%
1/30/2015	- 7.50%	- 1.62%	+ 5.88%
3/31/2015	- 6.81%	+ 0.61%	+ 7.42%
7/31/2015	- 14.10%	+ 4.05%	+ 18.15%
9/30/2015	- 6.33%	+ 0.43%	+ 6.76%
11/30/2015	- 8.97%	- 0.18%	+ 8.79%
12/31/2015	- 8.63%	+ 2.17%	+ 10.80%
1/29/2016	- 5.17%	- 0.76%	+ 4.41%
7/29/2016	- 9.57%	+ 4.27%	+ 13.84%
10/31/2018	- 5.84%	+ 5.00%	+ 10.85%
11/30/2018	- 11.28%	+ 4.40%	+ 15.68%
12/31/2018	- 7.75%	+ 0.74%	+ 8.50%
5/31/2019	- 8.21%	+ 5.71%	+ 13.93%
8/30/2019	- 5.44%	+ 2.77%	+ 8.21%
1/31/2020	- 10.83%	+ 3.38%	+ 14.21%
2/28/2020	- 8.39%	+ 3.12%	+ 11.51%
3/31/2020	- 29.43%	+ 1.27%	+ 30.70%
4/30/2020	- 9.67%	- 1.11%	+ 8.56%
11/30/2021	- 10.82%	+ 5.24%	+ 16.06%
6/30/2022	- 7.64%	+ 3.84%	+ 11.48%
9/30/2022	- 7.80%	+ 2.49%	+ 10.29%
5/30/2022	7.0070	2.1270	10.2578

- 6.11%

- 8.43%

5/31/2023

4/30/2025

+ 8.19%

+ 11.35%

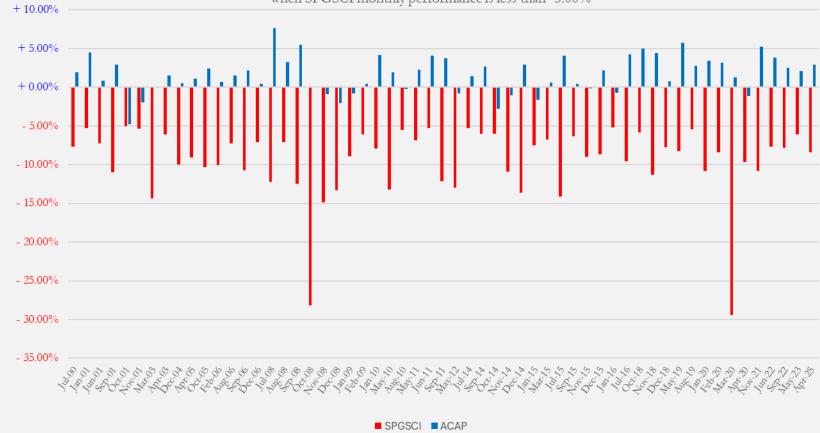
+ 2.09%

+ 2.92%

#### Stats when SPGSCI has a monthly negative

performance of -5.00% or more	Return	Occurances
ACAP performance vs SPGSCI since 2000	+ 636.62%	57
ACAP up when SPGSCI down since 2000		44
ACAP performance vs SPGSCI 2000 - 2010	+ 230.97%	26
ACAP up when SPGSCI down 2000-2010		20
ACAP performance vs SPGSCI 2011 - 4/2025	+ 405.65%	31
ACAP up when SPGSCI down 2011 - 4/2025		24

ACAP v S&P Goldman Sachs Commodity Index (SPGSCI) when SPGSCI monthly performance is less than -5.00%



## Alternative Commodity Algorithmic Program – Strategy (ACAP-S) Hypothetical Monthly Returns

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
2000	+ 0.26%	+ 0.70%	+ 0.17%	- 1.56%	+ 3.31%	+ 3.62%	+ 1.89%	+ 1.28%	+ 0.08%	+ 2.81%	+ 1.56%	+ 1.06%	+ 16.15%
2001	+ 4.44%	+ 2.99%	- 1.46%	- 0.08%	- 0.98%	+ 0.86%	+ 1.07%	+ 0.78%	+ 2.89%	- 4.76%	- 1.95%	+ 1.76%	+ 5.35%
2002	- 0.77%	+ 0.04%	+ 1.85%	+ 0.31%	+ 2.31%	- 0.79%	+ 0.65%	+ 3.84%	+ 3.09%	+ 0.61%	+ 1.24%	+ 1.45%	+ 14.61%
2003	- 0.61%	+ 3.35%	+ 0.06%	+ 1.54%	+ 3.44%	+ 0.72%	+ 3.65%	+ 0.23%	- 2.42%	- 0.74%	+ 4.07%	+ 0.04%	+ 13.91%
2004	+ 1.04%	+ 3.06%	+ 2.67%	+ 3.18%	+ 1.73%	+ 1.37%	+ 0.37%	+ 0.66%	+ 4.53%	+ 0.45%	+ 0.29%	+ 0.51%	+ 21.64%
2005	+ 0.97%	- 1.88%	+ 2.79%	+ 1.09%	+ 2.94%	- 0.06%	+ 1.74%	+ 5.41%	+ 0.82%	+ 2.45%	+ 2.73%	- 0.99%	+ 19.34%
2006	+ 1.72%	+ 0.66%	+ 2.47%	+ 2.43%	+ 1.67%	+ 1.87%	+ 0.54%	+ 1.52%	+ 2.19%	+ 3.43%	+ 2.54%	+ 0.44%	+ 23.69%
2007	+ 1.44%	+ 1.15%	- 0.64%	+ 2.56%	+ 0.33%	- 0.40%	- 0.74%	+ 3.05%	+ 1.58%	- 0.29%	+ 2.08%	+ 3.68%	+ 14.56%
2008	+ 3.25%	+ 5.43%	+ 6.21%	+ 1.86%	- 1.07%	+ 3.47%	+ 7.59%	+ 3.28%	+ 5.51%	+ 0.12%	- 0.88%	- 2.05%	+ 37.37%
2009	- 0.81%	+ 0.45%	+ 1.08%	+ 1.77%	+ 1.38%	+ 3.39%	+ 1.64%	+ 2.77%	+ 1.85%	- 1.82%	+ 1.44%	- 2.16%	+ 11.37%
2010	+ 4.18%	- 0.32%	+ 2.73%	+ 0.03%	+ 1.89%	- 0.48%	- 0.04%	- 0.25%	+ 2.67%	+ 0.34%	- 0.10%	+ 1.05%	+ 12.20%
2011	- 1.56%	+ 1.07%	+ 0.81%	+ 0.16%	+ 2.28%	+ 4.07%	+ 1.90%	+ 3.10%	+ 3.75%	+ 2.32%	+ 1.27%	- 2.36%	+ 17.91%
2012	- 0.67%	+ 1.81%	- 2.10%	+ 0.29%	- 0.79%	+ 2.55%	- 0.03%	+ 2.19%	+ 1.40%	+ 1.91%	- 1.57%	+ 2.34%	+ 7.44%
2013	+ 1.28%	+ 0.74%	- 0.62%	+ 0.92%	+ 1.15%	+ 0.49%	+ 0.81%	- 0.73%	- 0.02%	- 0.81%	+ 0.68%	- 0.65%	+ 3.25%
2014	- 0.40%	+ 1.33%	- 1.03%	+ 0.71%	+ 1.38%	+ 0.70%	+ 1.42%	- 0.31%	+ 2.69%	- 2.78%	- 1.04%	+ 2.95%	+ 5.60%
2015	- 1.62%	- 0.41%	+ 0.61%	+ 1.40%	+ 0.50%	+ 4.79%	+ 4.05%	+ 1.70%	+ 0.43%	+ 1.05%	- 0.18%	+ 2.17%	+ 15.29%
2016	- 0.76%	- 0.29%	+ 1.79%	+ 2.80%	+ 0.99%	- 0.08%	+ 4.27%	+ 2.48%	- 1.70%	+ 0.86%	+ 3.85%	+ 1.84%	+ 17.05%
2017	- 0.30%	+ 0.79%	+ 2.67%	+ 4.09%	- 1.49%	+ 2.72%	+ 4.45%	+ 0.38%	+ 1.74%	+ 1.11%	- 0.72%	+ 0.13%	+ 16.50%
2018	- 1.55%	+ 0.09%	+ 3.64%	+ 2.36%	+ 0.01%	+ 3.77%	+ 4.17%	+ 0.72%	+ 2.76%	+ 5.00%	+ 4.40%	+ 0.74%	+ 29.15%
2019	- 0.29%	+ 0.45%	- 0.13%	+ 1.56%	+ 5.71%	- 0.40%	+ 1.33%	+ 2.77%	- 0.81%	+ 0.74%	+ 2.56%	+ 1.88%	+ 16.30%
2020	+ 3.38%	+ 3.12%	+ 1.27%	- 1.11%	- 0.11%	- 1.51%	+ 3.67%	+ 2.62%	+ 0.59%	- 0.57%	+ 4.25%	+ 5.14%	+ 22.49%
2021	- 2.71%	+ 4.92%	+ 2.98%	- 0.78%	+ 1.16%	+ 1.37%	- 0.89%	+ 1.26%	+ 1.14%	- 1.19%	+ 5.24%	+ 2.83%	+ 16.08%
2022	+ 2.44%	+ 5.98%	+ 4.18%	+ 3.75%	+ 0.32%	+ 3.84%	+ 1.27%	+ 0.17%	+ 2.49%	+ 3.84%	+ 0.88%	+ 1.54%	+ 35.17%
2023	+ 2.82%	- 0.18%	+ 1.25%	+ 4.52%	+ 2.09%	+ 0.57%	+ 3.53%	- 0.32%	+ 3.43%	+ 2.49%	+ 2.64%	+ 0.05%	+ 25.26%
2024	+ 3.39%	+ 3.09%	+ 2.43%	- 2.08%	- 1.39%	+ 0.27%	- 0.37%	- 0.57%	- 2.06%	- 0.99%	+ 2.82%	- 0.78%	+ 3.59%
2025	+ 0.58%	- 1.10%	+ 0.96%	+ 2.92%	+ 0.59%								+ 3.98%
NOTE. Patuma ala	I IVD/	OTLICTIC 41	NET C.		/ :	. 1	4 C				4	aina 2000 >	1.16.420/

NOTE: Returns shown are HYPOTHETICAL, NET of an expected 2.00% in annualized management fees and expected transactions costs.

Annualized since 2000 > + 16.42%

Please see the Disclaimers in the front of this document for further information on the hypothetical record and its limitations. There is always a substantial risk of loss.

#### The Solution - Part II

ACAP-S provides non-correlated diversification benefits compared to many managed futures programs.

Alternative Commodity Algorithmic Program - Strategy (ACAP-S) vs Managed Futures Programs

Updated through 5/30/25

Program	Symbol	AUM	Inception Date	Expense Ratio	MTD	YTD	3 yr*	5yr*	10 yr*	Since Inception	Sharpe Ratio	Max Drawdown	Correl to SPY 1	Div Portfolio Sharpe Ratio <sup>2</sup>
Alternative Commodity Algorithmic Program - Strategy	ACAP-S	-	01-31-2014 (11.33yrs)	1.20% est	+0.59%	+3.98%	+15.71%	+19.45%	+19.81%	+17.95%	2.38	-7.00%	-0.09	1.02
PIMCO TRENDS Managed Futures Strat I2	PQTPX	\$2,520,000,000	01-31-2014 (11.33yrs)	0.00%	-2.81%	-9.93%	-6.73%	+1.90%	+2.08%	+3.03%	0.13	-24.40%	-0.28	0.77
Alternative Commodity Algorithmic Program - Strategy	ACAP-S	-	08-29-2014 (10.75yrs)	1.20% est	+0.59%	+3.98%	+15.71%	+19.45%	+19.81%	+18.55%	2.41	-7.00%	-0.09	0.95
American Beacon AHL Mgd Futs Strat Y	AHLYX	\$3,040,000,000	08-29-2014 (10.75yrs)	0.00%	-1.57%	-12.50%	-3.85%	+2.11%	+1.93%	+3.10%	0.13	-19.58%	-0.15	0.69
Alternative Commodity Algorithmic Program - Strategy	ACAP-S	-	07-31-2014 (10.83yrs)	1.20% est	+0.59%	+3.98%	+15.71%	+19.45%	+19.81%	+18.37%	2.39	-7.00%	-0.09	0.97
Abbey Capital Futures Strategy I	ABYIX	\$2,710,000,000	07-31-2014 (10.83yrs)	0.00%	-1.52%	-5.54%	-1.86%	+3.01%	+1.46%	+3.58%	0.20	-15.24%	-0.13	0.72
Alternative Commodity Algorithmic Program - Strategy	ACAP-S	-	09-30-2014 (10.66yrs)	1.20% est	+0.59%	+3.98%	+15.71%	+19.45%	+19.81%	+18.42%	2.39	-7.00%	-0.08	0.96
AQR Managed Futures Strategy Fund	AQMRX	\$1,450,000,000	09-30-2014 (10.66yrs)	0.00%	-0.45%	+2.92%	+6.70%	+8.23%	+2.34%	+3.55%	0.15	-23.91%	-0.29	0.74
Alternative Commodity Algorithmic Program - Strategy	ACAP-S	-	04-29-2011 (14.09yrs)	1.20% est	+0.59%	+3.98%	+15.71%	+19.45%	+19.81%	+16.32%	2.25	-7.00%	-0.10	1.09
LoCorr Macro Strategies I	LFMIX	\$1,600,000,000	04-29-2011 (14.09yrs)	0.00%	-0.39%	-1.67%	-0.11%	+3.47%	+3.67%	+2.23%	0.09	-22.48%	+0.00	0.80
Alternative Commodity Algorithmic Program - Strategy	ACAP-S	-	05-31-2019 (6.0yrs)	1.20% est	+0.59%	+3.98%	+15.71%	+19.45%	+18.78%	+18.78%	2.31	-7.00%	-0.04	0.83
iMGP DBi Managed Futures Strategy ETF	DBMF	\$1,006,360,000	05-31-2019 (6.0yrs)	0.85%	-0.16%	-2.91%	-1.70%	+5.69%	+6.12%	+6.12%	0.31	-17.30%	-0.21	0.68

<sup>&</sup>lt;sup>1</sup> SPY is the SPDR S&P 500 Trust ETF

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<sup>\*</sup> Annualized Return. Time period covered may be less than column label

<sup>&</sup>lt;sup>2</sup> Div(ersified) Portfolio is comprised of 51% SPY ETF, 34% iShares Core US Aggregate Bond ETF, and 15% of the listed rpogram

### **RTM Analytics**

# Raymond T. Murphy

Ray has over 40 years of commodity index and algorithmic trade development experience. He has primarily worked as a program designer and analyst, seeking alternative methodologies to identify superior alternative strategies.

He was a Managing Director at MSR Investments, a CTA that developed advanced analytics for hedge fund research and risk parity investment structures. Prior to that he was a discretionary trader at Graham Capital Management, a \$20b hedge fund in Rowayton, CT where he was responsible for managing over \$500m in his proprietary commodity, equity index, and fixed-income strategies.

In 2001 he independently designed and licensed to S&P what became the S&P Commodity Indices (SPCI). Ray worked alongside Archer Daniels Midland (ADM) to develop investable products tied to the new SPCI.

In 1995 he was the sole consultant to the New York Board of Trade hired to re-design the CRB Index, the world's oldest and most well-known commodity index benchmark. In 1990 designed the Investable Commodity Index (ICI), the first investable total return commodity index. Ray has consulted to several large institutional clients on the benefits of commodity-based investments and trading strategies.

Ray has spoken at conferences and academic gatherings on commodity and alternative investments and their effective use as diversifiers in well-structured portfolios. He regularly lectures at Bentley University, providing graduate students with a unique perspective on the investment opportunities associated with commodity investing.

Ray graduated from Fairfield University in 1982 with a BS in Finance. He holds a Series 3 license with the National Futures Association.

# List of Commodity Based ETFs\*

				Adjusted								Adjusted	
				Expense	Management							Expense	Management
# Name	Ticker	Morningstar Category	Fund Size	Ratio	Style	#	Name	Ticker	Morningstar Category	F	und Size	Ratio	Style
1 SPDR® Gold Shares	GLD	Commodities Focused	\$ 54,270,000,000	0.40%	Passive	54	iShares Gold Strategy ETF	IAUF	Commodities Focused	\$	32,930,000	0.25%	Passive
2 iShares Gold Trust	IAU	Commodities Focused	\$ 25,580,000,000	0.25%	Passive	55	Invesco Agriculture Cmdty Str No K-1ETF	PDBA	Commodities Focused	\$	27,150,000	0.59%	Active
3 iShares Silver Trust	SLV	Commodities Focused	\$ 9,790,000,000	0.50%	Passive	56	UBS ETRACS BgCstMtCdy(CMCI)TtlRetETNSerB	UCIB	Commodities Broad Basket	\$	26,850,000	0.55%	Passive
4 SPDR® Gold MiniShares	GLDM	Commodities Focused	\$ 6,380,000,000	0.10%	Passive	57	Teucrium Soybean ETF	SOYB	Commodities Focused	\$	26,020,000	1.57%	Passive
5 Invesco Optm Yd Dvrs Cdty Stra No K1 ETF	PDBC	Commodities Broad Basket	\$ 4,490,000,000	0.59%	Active	58	iPath® Series B Carbon ETN	GRN	Commodities Focused	\$	24,610,000	0.75%	Passive
6 abrdn Physical Gold Shares ETF	SGOL	Commodities Focused	\$ 2,710,000,000	0.17%	Passive	59	VanEck Commodity Strategy ETF	PIT	Commodities Broad Basket	\$	23,710,000	0.55%	Active
7 First Trust Global Tact Cmdty Strat ETF	FTGC	Commodities Broad Basket	\$ 2,230,000,000	0.95%	Active	60	DoubleLine Commodity Strategy ETF	DCMT	Commodities Broad Basket	\$	22,870,000	0.65%	Active
8 Invesco DB Commodity Tracking	DBC	Commodities Broad Basket	\$ 1,660,000,000	0.85%	Passive	61	abrdn Blmb Indstl Mtls Stgy K1 Fr ETF	BCIM	Commodities Focused	\$	22,650,000	0.40%	Passive
9 United States Oil	USO	Commodities Focused	\$ 1,400,000,000	0.60%	Passive	62	Harbor Energy Transition Strategy ETF	RENW	Commodities Focused	\$	19,230,000	0.80%	Passive
10 abrdn Physical Silver Shares ETF	SIVR	Commodities Focused	\$ 1,010,000,000	0.30%	Passive	63	Teucrium Agricultural ETF	TAGS	Commodities Focused	\$	16,340,000	0.13%	Passive
11 iShares® Gold Trust Micro	IAUM	Commodities Focused	\$ 991,220,000	0.09%	Passive	64	United States 12 Month Natural Gas	UNL	Commodities Focused	\$	16,020,000	0.90%	Passive
12 iShares S&P GSCI Commodity-Indexed Trust	GSG	Commodities Broad Basket	\$ 944,260,000	0.75%	Passive		Teucrium Sugar ETF	CANE	Commodities Focused	\$	15,740,000	0.58%	Passive
13 abrdn Blmb AllCmdStrK1Fr ETF	BCI	Commodities Broad Basket	\$ 933,420,000	0.26%	Passive	66	iPath® Bloomberg Coffee SubTR ETN	JJOFF	Commodities Focused	\$	14,330,000	0.75%	Passive
14 GraniteShares Gold Trust	BAR	Commodities Focused	\$ 929,010,000	0.18%	Passive	67	USCF SummerHaven Dyn CmdtyStgy NoK-1 ETF	SDCI	Commodities Broad Basket	\$	13,850,000	0.64%	Active
15 abrdn Physical Platinum Shares ETF	PPLT	Commodities Focused	\$ 884,920,000	0.60%	Passive	68	KraneShares European Carb Allw Stgy ETF	KEUA	Commodities Focused	\$	13,530,000	0.79%	Passive
16 abrdn Physical PrecMtlBsk Shrs ETF	GLTR	Commodities Focused	\$ 877,580,000	0.60%	Passive		iShares Transition-Enabling Metals ETF	TMET	Commodities Focused	\$	12,470,000	0.47%	Passive
17 United States Natural Gas	UNG	Commodities Focused	\$ 857,120,000	1.06%	Passive	70	Hartford Schroders Commodity Strtgy ETF	HCOM	Commodities Broad Basket	\$	11,760,000	0.60%	Active
18 VanEck Merk Gold Trust	OUNZ	Commodities Focused	\$ 804,400,000	0.25%	Passive	71	iPath® Bloomberg Grains SubTR ETN	JJGTF	Commodities Focused	\$	11,230,000	0.75%	Passive
19 Invesco DB Agriculture	DBA	Commodities Focused	\$ 717,060,000	0.85%	Passive	72	iPath® Bloomberg Copper SubTR ETN	JJCTF	Commodities Focused	\$	10,870,000	0.75%	Passive
20 iShares GSCI Cmd Dyn Roll Stgy ETF	COMT	Commodities Broad Basket	\$ 631,410,000	0.48%	Passive	73	Simplify Commodities Strategy No K-1 ETF	HARD	Commodities Broad Basket	\$	8,700,000	0.75%	Active
21 Goldman Sachs Physical Gold ETF	AAAU	Commodities Focused	\$ 594,750,000	0.18%	Passive		Invesco Elctc vhcl Mtls Cmd StgyNoK-1ETF	EVMT	Commodities Focused	\$	8,380,000	0.59%	Active
22 iPath® Bloomberg Cmdty TR ETN	DJP	Commodities Broad Basket	\$ 478,120,000	0.70%	Passive		iPath® Bloomberg Sugar SubTR ETN	SGGFF	Commodities Focused	\$	6,500,000	0.75%	Passive
23 Credit Suisse X-Lnks Crde OlShrsCvCllETN	USOI	Commodities Focused	\$ 335,820,000	0.85%	Passive		WisdomTree Efcnt Gld Pls Gld Ms Stgy ETF	GDMN	Commodities Focused	\$	6,390,000	0.45%	Active
24 KraneShares Global Carbon ETF	KRBN	Commodities Focused	\$ 317,800,000	0.79%	Passive		Teucrium AiLA L-S Agriculture Stgy ETF	OAIA	Commodities Focused	\$	5,360,000	1.63%	Passive
25 KraneShares California Carbon Allw ETF	KCCA	Commodities Focused	\$ 271,310,000	0.81%	Passive		Breakwave Tanker Shipping ETF	BWET	Commodities Focused	\$	4,230,000	3.50%	Active
26 Neuberger Berman Commodity Stgy ETF	NBCM	Commodities Broad Basket	\$ 261,140,000	0.66%	Active		iPath® Bloomberg Agriculture SubTR ETN	JJATF	Commodities Focused	\$	3,900,000	0.75%	Passive
27 Direxion Auspice Broad Cmdty Strat ETF	COM	Commodities Broad Basket	\$ 256,200,000	0.81%	Passive	80	iPath® Global Carbon ETN	GRNTF	Commodities Focused	\$	3,800,000	0.75%	Passive
28 Invesco DB Oil	DBO	Commodities Focused	\$ 248,930,000	0.75%	Passive	81	Teucrium AiLA L-S Base Metals Stgy ETF	OAIB	Commodities Focused	\$	3,800,000	1.64%	Passive
29 iShares Bloomberg Roll Sel Brd Cmdty ETF	CMDY	Commodities Broad Basket	\$ 225,170,000	0.28%	Passive	82	USCF Energy Commodity Stgy Abs Ret Fd	USE	Commodities Focused	\$	3,590,000	0.79%	Active
30 PIMCO Commodity Strategy Act Exc-Trd Fd	CMDT	Commodities Broad Basket	\$ 218,730,000	0.65%	Active	83	USCF Gold Strategy Plus Income Fund	GLDX	Commodities Focused	\$	3,190,000	0.47%	Active
31 abrdn Physical Palladium Shares ETF	PALL	Commodities Focused	\$ 208,230,000	0.60%	Passive	84	KraneShares Electrification Mtls Str ETF	KMET	Commodities Focused	\$	2,610,000	0.80%	Passive
32 abrdn Blmb AllCmdLDSK1Fr ETF	BCD	Commodities Broad Basket	\$ 205,550,000	0.30%	Passive	85	Teucrium Agricultural Str No K-1 ETF	TILL	Commodities Focused	\$	2,600,000	1.03%	Active
33 United States Commodity Index	USCI	Commodities Broad Basket	\$ 158,410,000	1.07%	Passive	86	VanEck® CMCI Commodity Strategy ETF	CMCI	Commodities Broad Basket	\$	2,420,000	0.65%	Passive
34 First Trust Alt Abs Ret Strat ETF	FAAR	Commodities Broad Basket	\$ 153,740,000	0.95%	Active		iPath® Bloomberg Cotton SubTR ETN	BALTF	Commodities Focused	\$	2,400,000	0.75%	Passive
35 Teucrium Wheat ETF	WEAT	Commodities Focused	\$ 153,180,000	1.00%	Passive		USCF Sustainable Commodity Strategy	ZSC	Commodities Broad Basket	\$	2,320,000	0.59%	Active
36 Invesco DB Precious Metals	DBP	Commodities Focused	\$ 135,290,000	0.75%	Passive		USCF Aluminum Strategy ETF	ALUM	Commodities Focused	\$	2,190,000	0.65%	Active
37 ProShares K-1 Free Crude Oil Strategy	OILK	Commodities Focused	\$ 133,000,000	0.71%	Passive		iPath® Bloomberg Nickel SubTR ETN	JJNTF	Commodities Focused	\$	2,040,000	0.75%	Passive
38 United States Brent Oil	BNO	Commodities Focused	\$ 130,510,000	1.00%	Passive		DB Crude Oil Long ETN	OLOXF	Commodities Focused	\$	1,840,000	0.75%	Passive
39 United States Copper Index	CPER	Commodities Focused	\$ 126,080,000	0.97%	Passive		iPath® Bloomberg Ind Metals SubTR ETN	JJMTF	Commodities Focused	\$	1,790,000	0.75%	Passive
40 Harbor Commodity All-Weather StrategyETF	HGER	Commodities Broad Basket	\$ 124,320,000	0.68%	Passive		iPath® Bloomberg Livestock SubTR ETN	COWTF	Commodities Focused	\$	1,660,000	0.75%	Passive
41 WisdomTree Enhanced Commodity Stgy Fd	GCC	Commodities Broad Basket	\$ 118,380,000	0.55%	Active		USCF Sustainable Battery Metals Stgy Fd	ZSB	Commodities Focused	\$	1,510,000	0.61%	Active
42 Invesco DB Base Metals	DBB	Commodities Focused	\$ 115,380,000	0.75%	Passive		iPath® Bloomberg Platinum SubTR ETN	PGMFF	Commodities Focused	\$	1,360,000	0.75%	Passive
43 United States Gasoline	UGA	Commodities Focused	\$ 108,420,000	0.97%	Passive		Global X Carbon Credits Strategy ETF	NTRL	Commodities Focused	\$	1,350,000	0.39%	Passive
44 Credit Suisse X-Links Silver CovCall ETN	SLVO	Commodities Focused	\$ 102,690,000	0.65%	Passive		iPath® Bloomberg Prec Metals SubTR ETN	_	Commodities Focused	\$	1,170,000	0.75%	Passive
45 Invesco DB Energy	DBE	Commodities Focused	\$ 88,520,000	0.75%	Passive		KraneShares Global Carbon Offset Str ETF	KSET	Commodities Focused	\$	1,140,000	0.79%	Passive
46 FT Choe Vest Gold Strategy Trgt Inc ETF	IGLD	Commodities Focused	\$ 88,190,000	0.85%	Active		DB Agriculture Long ETN	AGFXF	Commodities Focused	\$	611,315	0.75%	Passive
47 GraniteShares Blmbrg CmdtyBrdStr NoK1ETF	COMB	Commodities Broad Basket	\$ 85,000,000	0.25%	Active		Carbon Strategy ETF	KARB	Commodities Focused	\$	518,370	1.31%	Active
48 Credit Suisse X-Links Gold Cov Call ETN	GLDI	Commodities Focused	\$ 69,200,000	0.65%	Passive		1 iPath® Bloomberg Tin SubTR ETN	_	Commodities Focused	\$	516,538	0.75%	Passive
49 United States 12 Month Oil	USL	Commodities Focused	\$ 66,420,000	0.85%	Passive		2 iPath® Bloomberg Softs SubTR ETN	JJSSF	Commodities Focused	\$	384,637	0.75%	Passive
50 Teucrium Corn ETF	CORN	Commodities Focused	\$ 65,800,000	1.00%	Passive		3 DB Base Metals Long ETN	_	Commodities Focused	\$	378,859	0.75%	Passive
51 iShares® Commodity Curve Carry Strat ETF	CCRV	Commodities Broad Basket	\$ 42,800,000	0.40%	Passive		4 iPath® Bloomberg Energy SubTR ETN	JJETF	Commodities Focused	\$	323,166	0.75%	Passive
52 ETRACS Bloomberg Cmdy Ttl RtnSM ETN B	DJCB	Commodities Broad Basket	\$ 41,580,000	_	Passive		5 iPath® Bloomberg Aluminum SubTR ETN	JJUFF	Commodities Focused	\$	292,982	0.75%	Passive
53 GraniteShares Platinum Trust	PLTM	Commodities Focused	\$ 35,100,000	0.50%	Passive	100	6 DB Commodity Long ETN	DPU	Commodities Broad Basket	\$	273,972	0.75%	Passive

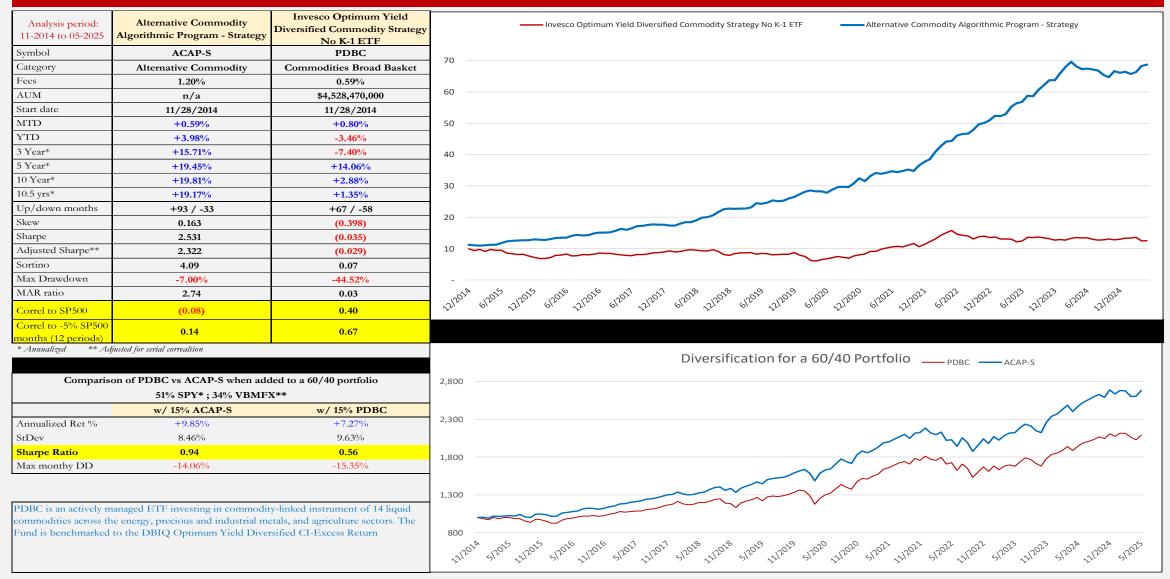
# The Alternative Commodity Algorithmic Program - Strategy (ACAP-S) as a Diversifier to a Core 60/40 Portfolio vs Comparable Investable Commodity Programs

Invesco Optimum Yield Diversified Commodity Strategy
First Trust Dow Jones Indices Tactical Commodity Strategy Fund
Invesco DB Commodity Index Tracking Fund
iShares GSCI Commodity Dynamic Roll Strategy ETF
iShares S&P GSCI Commodity-Indexed Trust
LoCorr Long/Short Commodity Strategies Fund

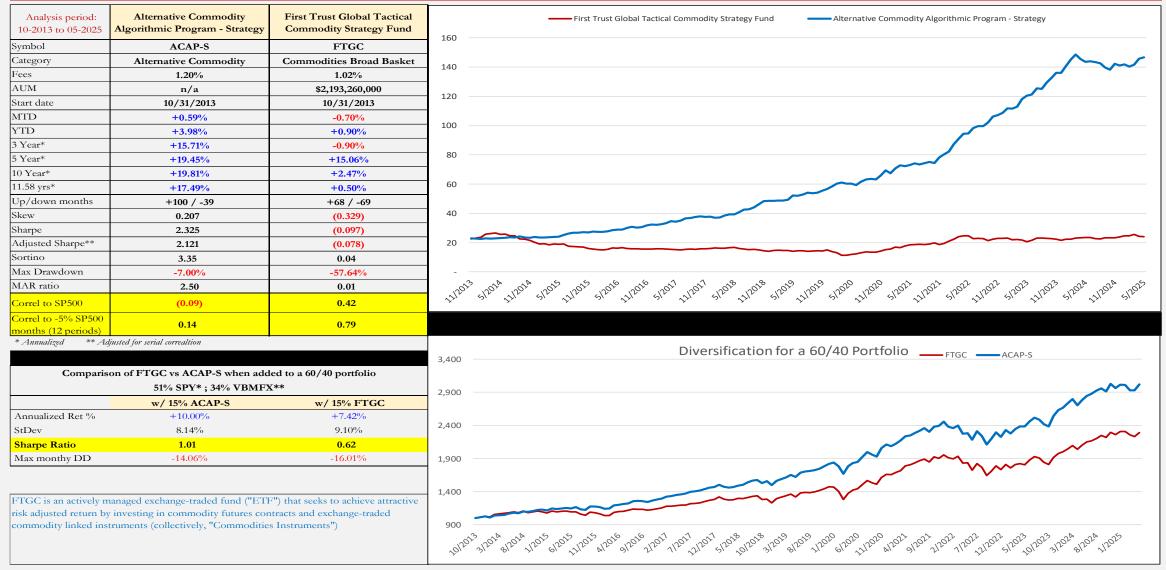
The Alternative Commodity Algorithmic Program - Strategy (VCAP-S) represents the HYPOTHETICAL returns of the Alternative Commodity Algorithmic Program - Total Return (ACAP) less projected management and transaction fees. ACAP-S provides a more representative return series for comparison against investable programs that are shown net of all associated costs and fees.

Please see the Disclaimers in the front of this document for further information on the hypothetical record and its limitations. There is always a substantial risk of loss.

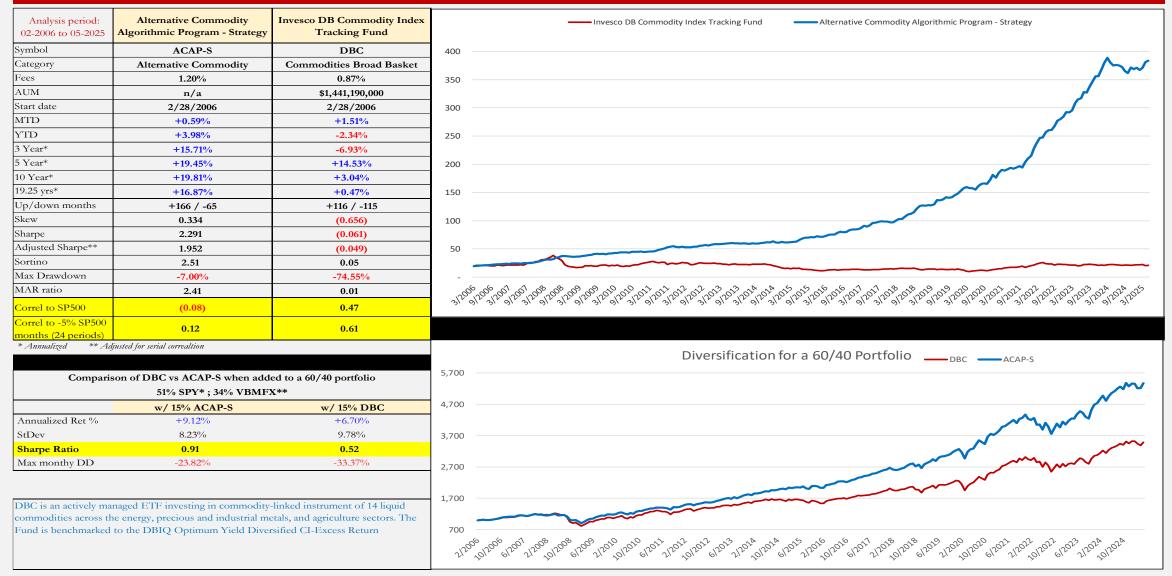
# ACAP-S vs Invesco Optimum Yield Diversified Commodity Strategy (PDBC)



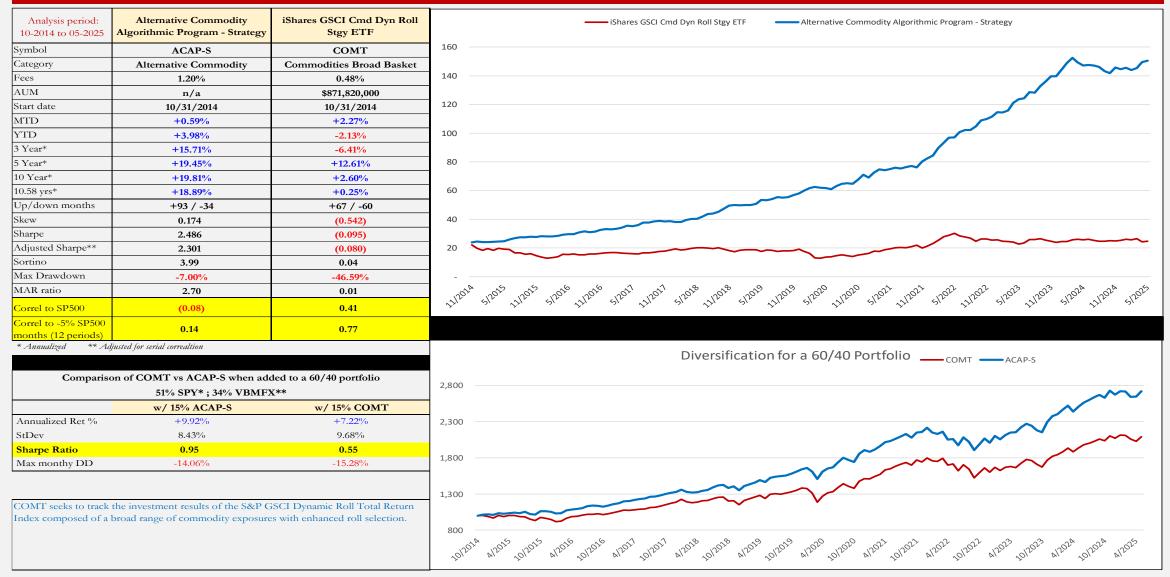
# ACAP-S vs First Trust Dow Jones Indices Tactical Commodity Strategy Fund (FTGC)



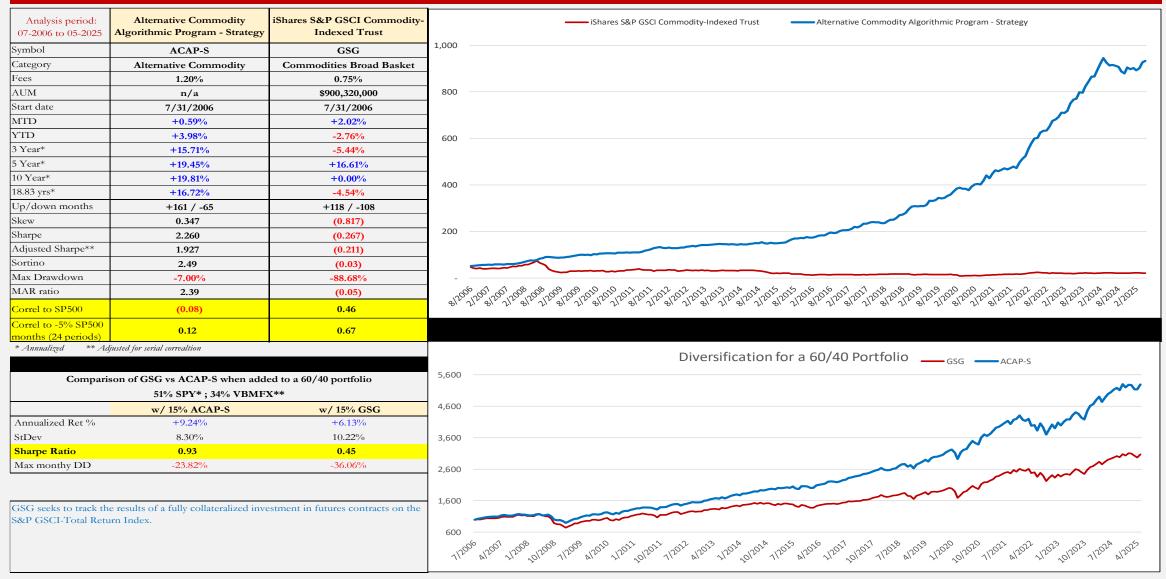
# ACAP-S vs Invesco DB Commodity Tracking Fund (DBC)



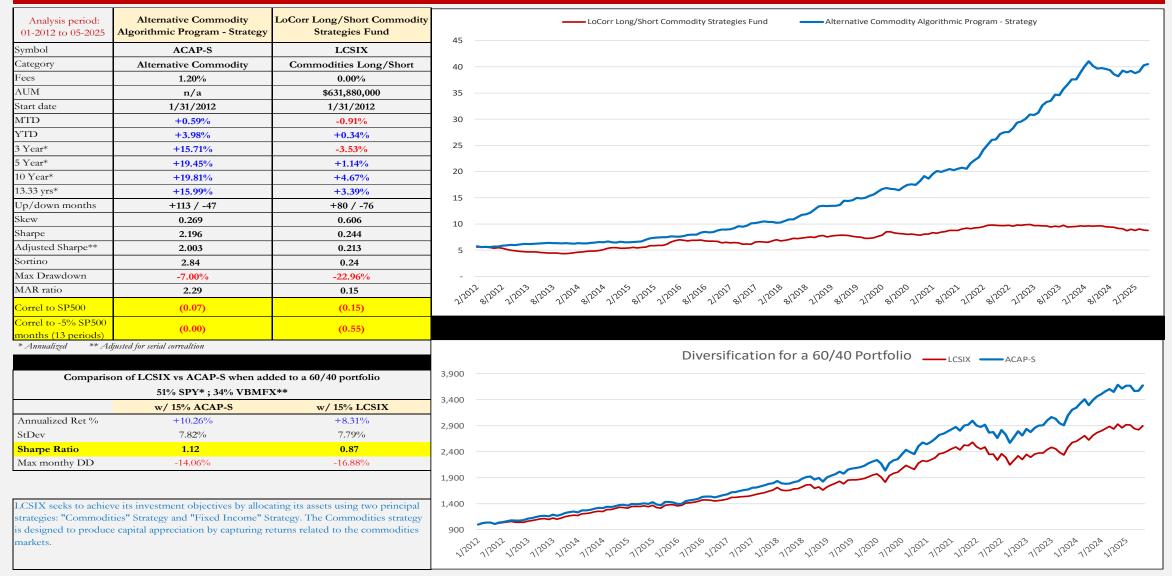
# ACAP-S vs iShares Commodities Select Strategy ETF (COMT)



# ACAP-S vs iShares S&P GSCI Commodity-Indexed Trust (GSG)



# ACAP-S vs LoCorr Long/Short Commodity Strategies Fund (LCSIX)



# The Alternative Commodity Algorithmic Program – Strategy (ACAP-S)

# as a Diversifier to a Core 60/40 Portfolio

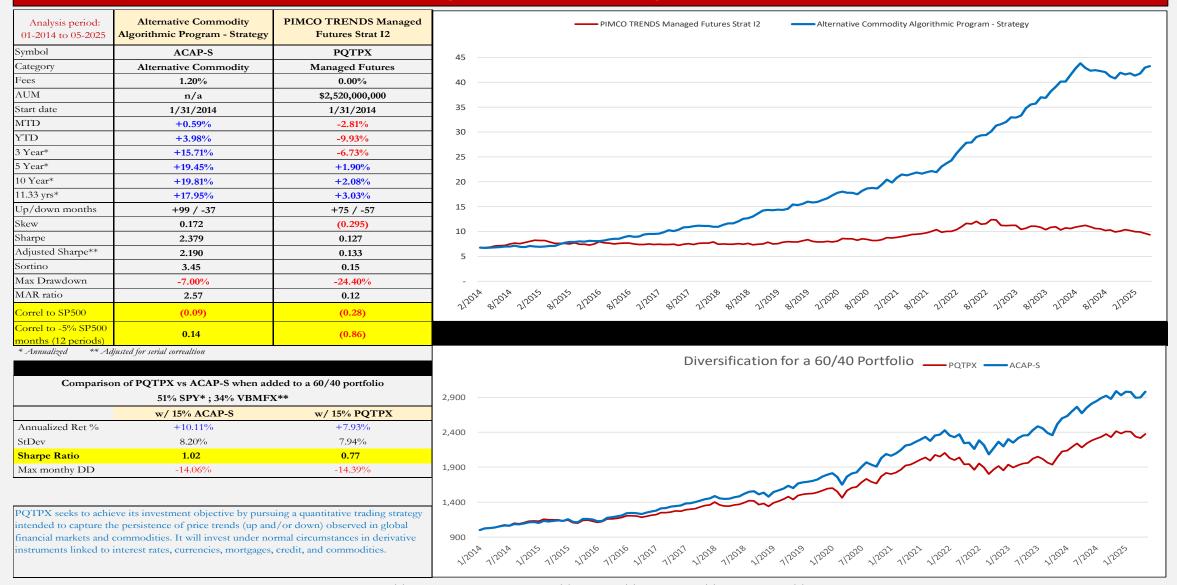
#### **VS**

PIMCO Trends Managed Futures Strategy I2
American Beacon AHL Managed Futures Strategy
Abbey Capital Futures Strategy
AQR Managed Futures Strategy Fund
LoCorr Macro Strategies I
iMGP DBi Managed Futures Strategy ETF

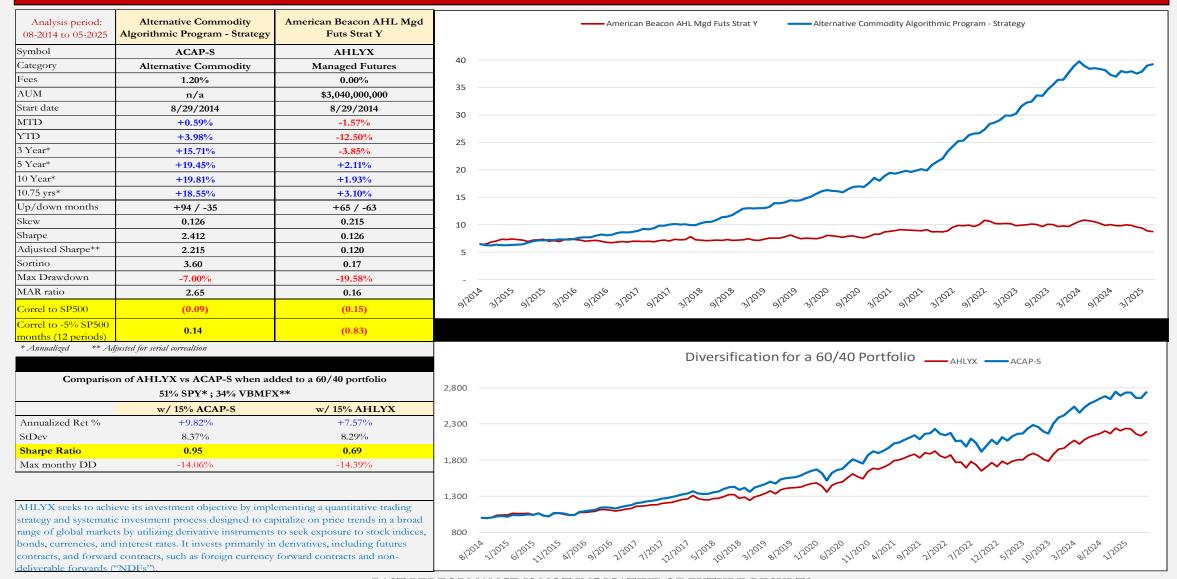
The Alternative Commodity Algorithmic Program (ACAP) represents the HYPOTHETICAL returns of the Alternative Commodity Algorithmic Program – Total Return (VCAP) less expected management, performance, and transaction fees. VCAP-S provides a more representative return series for comparison against investable programs that are shown net of all associated costs and fees.

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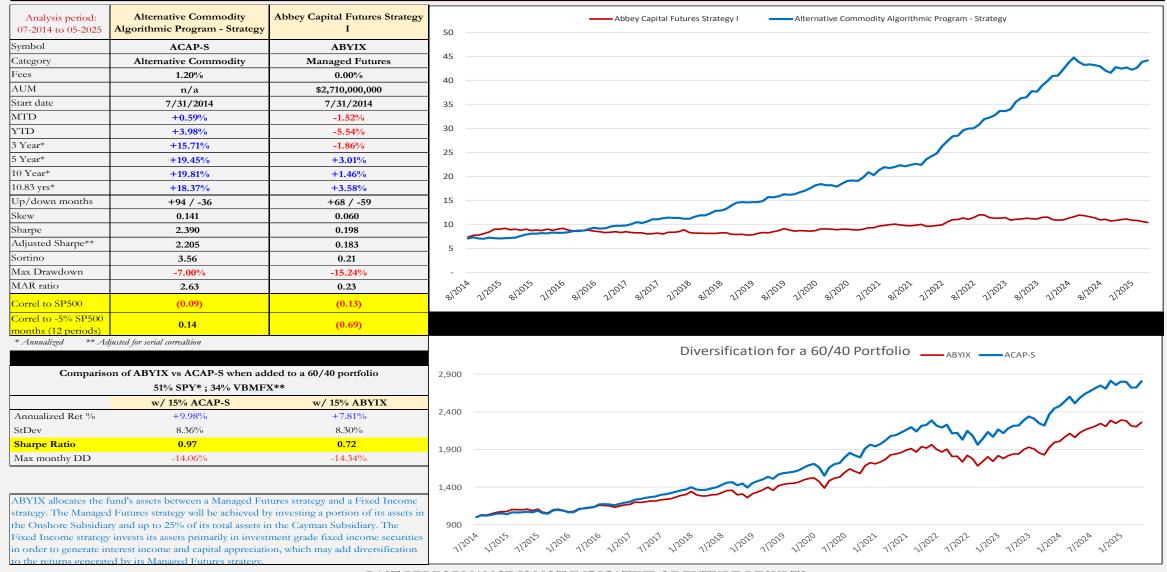
# ACAP-S vs PIMCO TRENDS Managed Futures Strategy Fund – I Class (PQTPX)



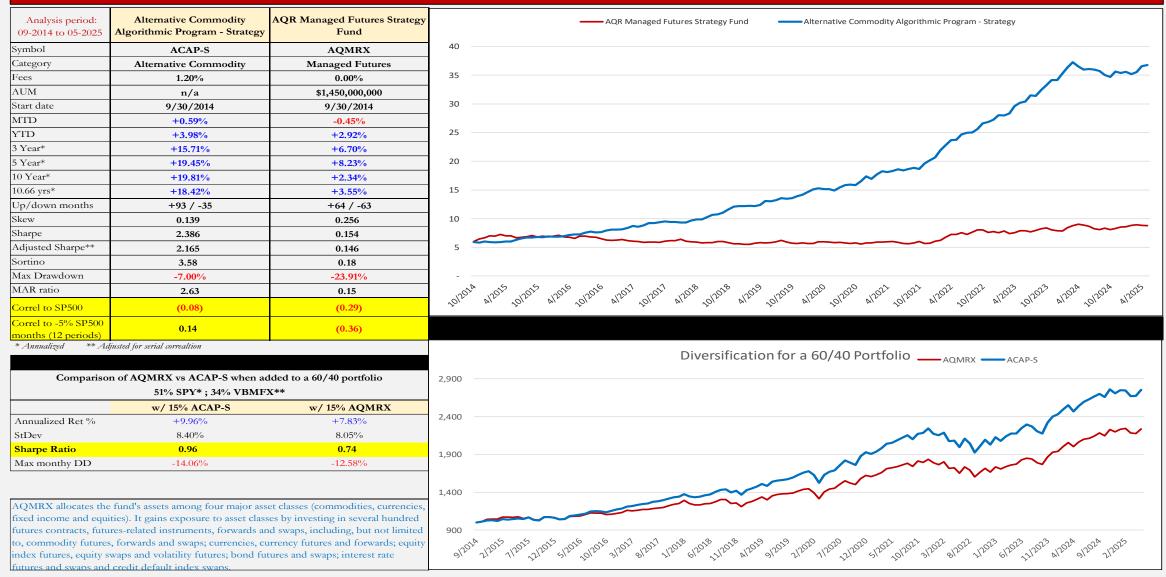
# ACAP-S vs American Beacon AHL Managed Futures Fund (AHLYX)



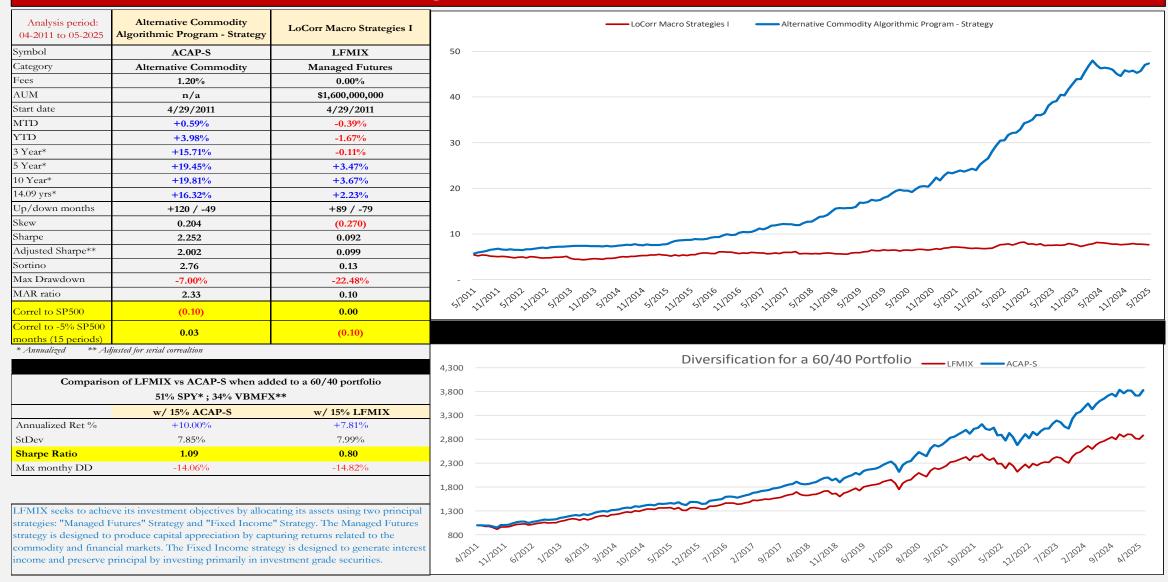
# ACAP-S vs Abbey Capital Futures Strategy Fund - Class I (ABYIX)



# ACAP-S vs AQR Managed Futures Strategy Fund – Class R6 (AQMRX)



# ACAP-S vs LoCorr Macro Strategies Fund – Class I (LFMIX)



# ACAP-S vs iMGP Bbi Managed Futures Strategy ETF (DBMF)

