

5 Year Risk Adjusted CTA Statistics for CTAs with \$5,000,000+ in AUM  
Ranked by Compound ROR  
For the Month Ending 2019-Feb-28

Performance Results reported or amended subsequent to Wednesday March 20, 2019 are not reflected in this Report

	Manager	Investment Restrictions*	Compound ROR	Maximum Drawdown	Sharpe Ratio	Calmar Ratio	Omega Ratio	Sortino Ratio	Assets Under Mgt (M)	Minimum Investment (K)	Accepting New Money
1	GAIA Capital Mgt Ltd - GAIA FX+	Non US Investors	58.23%	-6.23%	2.83	7.58	9.15	7.64	\$37	\$250	Yes
2	Blue Bar Trading - Blue Bar Ag	QEPs Only	50.13%	-42.26%	1.31	1.27	2.67	1.81	\$12	\$100	Yes
3	Millburn Ridgefield - Commodity	QEPs Only	14.13%	-30.89%	1.03	0.46	1.16	0.90	\$294	\$25,000	Yes
4	Tactical Investment - Inst. Cmdy	QEPs Only	11.41%	-41.52%	0.57	0.23	1.44	0.34	\$66	\$10,000	Yes
5	Blackheath Fund Mgt - Tactical FI	QEPs Only	11.41%	-12.86%	0.81	0.11	1.76	0.46	\$6	\$50	Yes
6	Sandpiper - Global Macro	QEPs Only	10.22%	-17.83%	0.52	-0.07	1.13	0.27	\$18	\$1,000	Yes
7	Millburn Ridgefield - Multi-Markets	QEPs Only	8.45%	-23.80%	0.69	0.46	1.08	0.14	\$489	\$25,000	Yes
8	Wharton Capital Mgt - Ag Futures		8.38%	-12.00%	0.52	-0.25	1.24	0.13	\$11	\$100	Yes
9	Diamond Capital - Enhanced S&P		8.10%	-12.65%	0.60	0.86	1.69	0.07	\$13	\$100	Yes
10	Global Sigma Group - Plus Prg	QEPs Only	8.07%	-11.63%	1.01	1.45	3.69	0.10	\$349	\$3,000	Yes
11	DUNN Capital - WMA	QEPs Only	7.68%	-60.26%	0.33	-0.18	1.29	0.01	\$468	\$10,000	Yes
12	Millburn Ridgefield - Diversified	QEPs Only	7.57%	-25.65%	0.62	0.37	1.47	0.01	\$3,801	\$25,000	Yes
13	Warrington Asset Mgt - Tactical		7.50%	-4.12%	1.58	21.85	1.64	-0.00	\$25	\$500	No
14	Goldman Mgt - Stock Index	QEPs Only	6.88%	-11.25%	0.52	0.97	1.29	-0.09	\$115	\$350	Yes
15	Southwest Man. Inv. - Global Div.		6.67%	-32.79%	0.31	-0.12	1.07	-0.07	\$9	\$200	Yes
16	NuWave Investment - Combined 2x		6.52%	-31.24%	0.34	0.26	1.15	-0.10	\$24	\$5,000	Yes
17	Ansbacher Inv. Mgt - Flagship Prg	QEPs Only	6.46%	-41.95%	0.30	0.45	1.27	-0.07	\$15	\$25	Yes
18	Pinstripe Trading - Standard		5.84%	-12.43%	0.41	0.25	1.04	-0.27	\$12	\$125	Yes
19	Red Rock Cap. - Commodity L/S		5.26%	-30.09%	0.24	-0.29	1.09	-0.18	\$7	\$500	Yes
20	Coloma Capital - Hedged Volatility	QEPs Only	5.19%	-9.75%	0.34	0.26	0.93	-0.34	\$11	\$250	Yes
21	Three Rock Capital - Global Macro	QEPs Only	4.90%	-15.56%	0.34	-0.15	0.98	-0.45	\$88	\$1,000	Yes
22	DUNN Capital - WMA Institutional	QEPs Only	4.74%	-15.17%	0.25	-0.09	0.88	-0.31	\$412	\$25,000	Yes
23	Demeter Cap. - Livestock & Grain	QEPs Only	4.68%	-20.92%	0.34	0.47	1.28	-0.54	\$20	\$50	Yes
24	Soaring Pelican - Diversified S&P		4.53%	-10.43%	0.29	0.06	1.11	-0.52	\$21	\$100	Yes
25	Mulvaney Capital - MF Prg	QEPs Only	4.43%	-45.04%	0.23	-0.37	1.25	-0.12	\$103	\$10,000	Yes

**RISK DISCLOSURE - PAST PERFORMANCE IS NOT INDICATIVE OF FUTURE RESULTS.**

\* **Important Notes Regarding CTA Universe:** 1) Traders reporting proprietary performance are not included, Traders reporting combined proprietary & client performance may have been included, 2) Non-NFA Members are not included, and 3) Some traders may have been eliminated from this report at the sole discretion of Autumn Gold.

\*\* **Statistical Notes:** 4) Compounded Annual ROR: Represents the average return of the CTA over a number of years. It smoothes out returns by assuming constant growth, 5) Maximum Drawdown: Represents the worst drawdown experience by a CTA from Inception, and 6) Risk Adjusted Statistics measure how much risk is involved in producing return. The Sharpe Ratio, Omega Ratio and Sortino Ratio are all risk adjusted measures.

+ **QEPs Only:** A Qualified Eligible Person must meet the following two requirements: 1) the investor must first be an accredited investor. The most common ways for this are to either have a net worth of \$1,000,000 or more OR an annual income of \$200,000 or more for the last two years OR, combined with a spouse, \$300,000 per year for two years, 2) the investor must meet an additional portfolio requirement, which is having \$2,000,000 in securities holdings OR \$200,000 in margin on deposit with a Futures Commission Merchant OR a combination of the two (for example, \$1,000,000 in securities and \$100,000 in margin).

**A COMPLETE DISCUSSION OF FEES AND CHARGES ARE REPORTED IN THE CTA'S DISCLOSURE DOCUMENT. SPECIFICALLY, ONE SHOULD RECOGNIZE THAT AN INTRODUCING BROKER MAY CHARGE A FRONT-END STARTUP FEE OF UP TO 6% OF THE INITIAL TRADING CONTRIBUTION. BE ADVISED THAT IBs CLEARING ADMIS MAY CHARGE A MAXIMUM OF 3% FRONT-END FEE. PLEASE NOTE THAT THIS CHARGE IS NOT REFLECTED IN THE PERFORMANCE OF THE COMMODITY TRADING ADVISOR AND COULD HAVE A SIGNIFICANT IMPACT ON THE CUSTOMER'S ABILITY TO ACHIEVE SIMILAR RETURNS. PAST PERFORMANCE IS NOT NECESSARILY INDICATIVE OF FUTURE SUCCESS.**

**THIS MATERIAL MENTIONS SERVICES WHICH RANK THE PERFORMANCE OF COMMODITY TRADING ADVISORS. PLEASE NOTE THAT THE RANKINGS APPLY ONLY TO THOSE CTAs WHO SUBMIT THEIR TRADING RESULTS. THE RANKINGS IN NO WAY PURPORT TO BE REPRESENTATIVE OF THE ENTIRE UNIVERSE OF COMMODITY TRADING ADVISORS. THE MATERIAL IN NO WAY IMPLIES THAT THESE RESULTS ARE OFFICIALLY SANCTIONED RESULTS OF THE COMMODITY INDUSTRY. TRADING FUTURES AND OPTIONS INVOLVES SUBSTANTIAL RISK OF LOSS AND IS NOT SUITABLE FOR ALL INVESTORS. THERE IS UNLIMITED RISK OF LOSS IN SELLING OPTIONS. AN INVESTOR MUST READ AND UNDERSTAND THE COMMODITY TRADING ADVISORS CURRENT DISCLOSURE DOCUMENT BEFORE INVESTING. PAST PERFORMANCE IS NOT NECESSARILY INDICATIVE OF FUTURE RESULTS. A COMPLETE DISCUSSION OF FEES AND CHARGES ARE REPORTED IN THE CTA'S DISCLOSURE DOCUMENT. THIS MATTER IS INTENDED AS A SOLICITATION.**