

Litman Gregory Portfolio Strategies Performance Report

DECEMBER 2018

Litman Gregory Standard Portfolios

	MTD	Last Three Months	YTD	2017	2016	2015	2014	2013	Trailing 1 Yr.	Trailing 3 Yrs.	Trailing 5 Yrs.	Cumulative Return Since Inception (9/30/01)	Annualized Return Since Inception (9/30/01)
CAPITAL PRESERVATION													
Model Portfolio (Net)	-0.49%	-2.08%	-2.20%	6.25%	4.79%	-1.59%	3.31%	1.30%	-2.20%	2.88%	2.06%	137.83%	5.15%
Benchmark	-0.10%	-1.37%	-1.80%	7.24%	4.25%	-0.25%	5.74%	2.39%	-1.80%	3.16%	2.98%	117.04%	4.59%
CONSERVATIVE BALANCED													
Model Portfolio (Net)	-1.42%	-3.89%	-4.48%	9.94%	4.72%	-2.46%	2.93%	4.62%	-4.48%	3.22%	2.00%	153.63%	5.54%
Benchmark	-1.96%	-4.28%	-3.57%	11.19%	6.01%	-0.87%	5.83%	7.17%	-3.57%	4.36%	3.58%	138.85%	5.18%
BALANCED													
Model Portfolio (Net)	-3.11%	-6.87%	-6.56%	14.51%	5.34%	-2.47%	3.24%	10.05%	-6.56%	4.07%	2.56%	174.80%	6.04%
Benchmark	-3.82%	-7.15%	-5.39%	15.27%	7.74%	-1.55%	5.85%	12.14%	-5.39%	5.52%	4.13%	163.47%	5.78%
EQUITY-TILTED BALANCED													
Model Portfolio (Net)	-4.20%	-8.97%	-8.46%	18.32%	5.48%	-3.12%	3.10%	14.40%	-8.46%	4.54%	2.67%	180.76%	6.17%
Benchmark	-5.24%	-9.32%	-6.83%	18.38%	9.07%	-2.14%	5.82%	16.00%	-6.83%	6.36%	4.49%	178.11%	6.11%
EQUITY													
Model Portfolio (Net)	-6.50%	-12.57%	-11.77%	24.64%	6.56%	-3.32%	2.74%	23.31%	-11.77%	5.43%	3.08%	194.78%	6.47%
Benchmark	-7.33%	-12.51%	-9.07%	23.44%	10.93%	-3.13%	5.66%	21.89%	-9.07%	7.58%	4.97%	198.33%	6.54%
FOCUSED OPPORTUNITY													
Model Portfolio (Net)	-6.34%	-12.52%	-12.24%	24.48%	6.32%	-3.32%	2.65%	21.29%	-12.24%	5.12%	2.88%	200.57%	6.59%
Benchmark	-7.33%	-12.51%	-9.07%	23.44%	10.93%	-3.13%	5.66%	21.89%	-9.07%	7.58%	4.97%	198.33%	6.54%

NOTE: The Strategic Model Portfolios serve as our benchmarks. Please see the final pages for portfolio descriptions, benchmark descriptions and performance disclosures. Data as of 12/31/18.

Litman Gregory ETF Model Portfolios

	MTD	Last Three Months	YTD	2017	2016	2015	2014	2013	Trailing 1 Yr.	Trailing 3 Yrs.	Trailing 5 Yrs.	Cumulative Return Since Inception (12/31/02)	Annualized Return Since Inception (12/31/02)
CAPITAL PRESERVATION													
Model Portfolio (Net)	-0.02%	-1.25%	-1.60%	5.50%	3.93%	-1.18%	3.75%	0.15%	-1.60%	2.57%	2.04%	96.81%	4.32%
Benchmark	-0.10%	-1.37%	-1.80%	7.24%	4.25%	-0.25%	5.74%	2.39%	-1.80%	3.16%	2.98%	107.87%	4.68%
CONSERVATIVE BALANCED													
Model Portfolio (Net)	-1.28%	-3.48%	-3.81%	10.02%	5.36%	-2.21%	3.93%	3.26%	-3.81%	3.70%	2.53%	120.16%	5.06%
Benchmark	-1.96%	-4.28%	-3.57%	11.19%	6.01%	-0.87%	5.83%	7.17%	-3.57%	4.36%	3.58%	138.03%	5.57%
BALANCED													
Model Portfolio (Net)	-3.10%	-6.47%	-5.83%	14.53%	6.77%	-2.70%	4.67%	7.94%	-5.83%	4.82%	3.24%	150.08%	5.90%
Benchmark	-3.82%	-7.15%	-5.39%	15.27%	7.74%	-1.55%	5.85%	12.14%	-5.39%	5.52%	4.13%	172.54%	6.47%
EQUITY-TILTED BALANCED													
Model Portfolio (Net)	-4.51%	-8.76%	-7.75%	18.36%	7.85%	-3.22%	4.93%	11.67%	-7.75%	5.60%	3.64%	175.05%	6.53%
Benchmark	-5.24%	-9.32%	-6.83%	18.38%	9.07%	-2.14%	5.82%	16.00%	-6.83%	6.36%	4.49%	196.79%	7.04%
EQUITY													
Model Portfolio (Net)	-6.70%	-12.05%	-10.24%	24.25%	10.10%	-3.74%	5.05%	19.40%	-10.24%	7.08%	4.42%	215.32%	7.44%
Benchmark	-7.33%	-12.51%	-9.07%	23.44%	10.93%	-3.13%	5.66%	21.89%	-9.07%	7.58%	4.97%	233.99%	7.83%
FOCUSED OPPORTUNITY													
Model Portfolio (Net)	-6.69%	-12.12%	-10.40%	24.22%	10.11%	-3.91%	5.39%	16.64%	-10.40%	7.02%	4.41%	217.51%	7.49%
Benchmark	-7.33%	-12.51%	-9.07%	23.44%	10.93%	-3.13%	5.66%	21.89%	-9.07%	7.58%	4.97%	233.99%	7.83%

NOTE: The Strategic Model Portfolios serve as our benchmarks. Please see the final pages for portfolio descriptions, benchmark descriptions and performance disclosures. Data as of 12/31/18.

Litman Gregory Masters Alpha-Core Portfolios

	MTD	Last Three Months	YTD	2017	2016	2015	2014	2013	Trailing 1 Yr.	Trailing 3 Yrs.	Trailing 5 Yrs.	Cumulative Return Since Inception (1/1/09)	Annualized Return Since Inception (1/1/09)
CONSERVATIVE BALANCED													
Model Portfolio	-1.70%	-4.44%	-4.83%	10.23%	5.77%	-2.10%	3.81%	5.41%	-4.83%	3.52%	2.43%	86.61%	6.44%
Strategic Benchmark	-1.96%	-4.28%	-3.57%	11.19%	6.01%	-0.87%	5.83%	7.17%	-3.57%	4.36%	3.58%	84.96%	6.34%
BALANCED													
Model Portfolio	-3.41%	-7.51%	-7.49%	14.64%	6.88%	-2.61%	4.56%	10.50%	-7.49%	4.26%	2.91%	109.95%	7.70%
Strategic Benchmark	-3.82%	-7.15%	-5.39%	15.27%	7.74%	-1.55%	5.85%	12.14%	-5.39%	5.52%	4.13%	110.49%	7.73%
EQUITY-TILTED BALANCED													
Model Portfolio	-4.55%	-9.58%	-9.57%	17.94%	7.10%	-3.61%	4.24%	14.05%	-9.57%	4.53%	2.79%	121.57%	8.28%
Strategic Benchmark	-5.24%	-9.32%	-6.83%	18.38%	9.07%	-2.14%	5.82%	16.00%	-6.83%	6.36%	4.49%	130.98%	8.73%
EQUITY													
Model Portfolio	-6.93%	-13.00%	-12.30%	23.89%	9.03%	-5.32%	4.47%	21.44%	-12.30%	5.81%	3.22%	150.37%	9.61%
Strategic Benchmark	-7.33%	-12.51%	-9.07%	23.44%	10.93%	-3.13%	5.66%	21.89%	-9.07%	7.58%	4.97%	163.12%	10.16%

NOTE: The Strategic Model Portfolios serve as our benchmarks. Please see the final pages for portfolio descriptions, benchmark descriptions and performance disclosures. Data as of 12/31/18.

Model Performance Legend

The model portfolio returns shown for each strategy reflect the pro forma performance of a hypothetical account invested in the strategy for the period shown, as if an investor in that strategy had bought and sold mutual funds and ETFs as instructed by Litman Gregory during that period. For the purpose of calculating the model portfolios' performance, we have assumed that any portfolio changes are made at month end, and that there were no capital additions to or withdrawals from the hypothetical account during the period shown. Clients may rebalance their portfolios at different times, which may cause additional variance between their performance and the model performance.

The model portfolio results do not necessarily represent actual returns of any client account. Model returns do not reflect actual trading and may not appropriately reflect the impact that material economic and market factors may have had on Litman Gregory's decision-making had the hypothetical account been an actual client account. During certain of the periods shown, Litman Gregory managed actual accounts of its own clients using strategies similar to those employed in structuring the model portfolios, and the returns of those accounts, net of Litman Gregory's management fees, may be higher or lower than those shown here.

The hypothetical "net" returns of the model portfolios shown reflect the reinvestment of dividends and other earnings of the funds included in them and the deduction of the funds' expenses, but do not reflect the deduction of any transaction costs or the fees charged by investment program sponsors, asset management platforms or other third-party investment managers, which will have a compounding adverse impact on actual results. To the extent a client obtains access to the strategy through a third-party program, platform or manager. The hypothetical "net" results shown were prepared by Litman Gregory and have not been compiled, reviewed or audited by an independent accountant.

The funds in the model portfolios include mutual funds managed by Litman Gregory (or an affiliate of Litman Gregory) which receives indirect compensation from such clients in the form of investment management fees paid by fund shareholders.

Litman Gregory has adjusted and may further adjust its investment strategies and the model portfolios at any time. Litman Gregory has in the past and will in the future depart from its long-term strategic asset class allocations for particular strategies and allocate more or less to any asset class, or to other asset classes, in an attempt to add to portfolios' overall returns. The model portfolios may include different funds in the future, and the funds included in the model portfolios will invest in different securities in the future. The model results shown reflect investment for a limited time and do not reflect performance in all different economic cycles. The model results were generated under market conditions, economic factors and other variables that will not be replicated in the future. The model performance shown is hypothetical and historical and is not an indication of the future performance of the model portfolios or any actual client account.

The model portfolios include mutual funds and exchange traded funds ("ETFs"). Each mutual fund and ETF is offered only by its prospectus, which contains more information regarding the fees, expenses and risks associated with investing in that fund. You should read each fund's prospectus carefully before investing. Mutual fund and ETF shares are not insured by the FDIC or any other agency, are not guaranteed by any financial institution, are not obligations of any financial institution, and involve investment risk, including possible loss of principal.

The material presented is for general illustration and informational purposes only. It is not to be construed as investment advice, an offer to sell, or a solicitation of an offer to buy a security or investment product. Additional information about Litman Gregory is available from the firm and in its disclosure documents that are available on the Investment Adviser Public Disclosure web site (www.adviserinfo.sec.gov). A complete list of portfolio holdings and specific securities transactions for the preceding 12 months is available upon request.

Benchmark Returns:

The benchmark returns for each strategy show the performance of a benchmark comprised of broad market indices selected by Litman Gregory as representative of various asset classes, weighted in a manner that corresponds to the long-term strategic allocation among asset classes that Litman Gregory has targeted for that strategy. A strategy's benchmark performance is intended to represent the historical returns of that strategy's target allocation among asset classes. A strategy's benchmark is not directly comparable to its model portfolio, however. As noted above, Litman Gregory is not required to allocate a model portfolio among asset classes in accordance with the target allocation for a strategy and makes tactical departures from the target allocations in its discretion. In addition, the model portfolios contain actively managed mutual funds and ETFs, while the benchmarks only attempt to track the general equity and fixed income markets. The securities held by the funds in the model portfolios may differ significantly from the securities included in the benchmark's indices, and the volatility of the funds may differ significantly from that of the indices.

The benchmark returns reflect the reinvestment of dividends and other earnings of securities in the indices. However, they do not reflect the deduction of transaction costs, the Strategist Fees charged by Litman Gregory, or the sponsor and platform fees charged by Envestnet, all of which reduce the returns of the model portfolios. For periods after June 30, 2013, the benchmarks consist of mutual funds and ETFs that mirror the relevant indices, and those funds' management fees and operating expenses reduce the benchmark returns, in the same way that the fees and operating expenses of the constituent funds in the model portfolios reduce the returns of the models. Before July 1, 2013, however, the benchmarks consisted of pure indices, rather than investable funds; their returns were thus not reduced by any fund expenses and as a result were less comparable as benchmarks for the model portfolios' performance. Further information about the composition of the benchmarks is shown below.

Tactical Portfolios Benchmark Descriptions:

Capital Preservation – consists of a 78% weighting in the Vanguard Total Bond Market Index, 10% weighting in the Vanguard 500 Index, 2% weighting in the iShares Russell 2000 Index, 4% weighting in the Vanguard FTSE Developed Markets ETF, 4% weighting in the Vanguard FTSE Emerging Markets ETF and 2% weighting in the Vanguard Prime Market Fund.

Conservative Balanced – consists of a 58% weighting in the Vanguard Total Bond Market Index, 20% weighting in the Vanguard 500 Index, 4% weighting in the iShares Russell 2000 Index, 8% weighting in the Vanguard FTSE Developed Markets ETF, 8% weighting in the Vanguard FTSE Emerging Markets ETF, and 2% weighting in the Vanguard Prime Market Fund.

Balanced – consists of a 38% weighting in the Vanguard Total Bond Market Index, 30% weighting in the Vanguard 500 Index, 6% weighting in the iShares Russell 2000 Index, 12% weighting in the Vanguard FTSE Developed Markets ETF, 12% weighting in the Vanguard FTSE Emerging Markets ETF and 2% weighting in the Vanguard Prime Market Fund Index.

Equity-Tilted Balanced – consists of a 23% weighting in the Vanguard Total Bond Market Index, 37% weighting in the Vanguard 500 Index, 8% weighting in the iShares Russell 2000 Index, 15% weighting in the Vanguard FTSE Developed Markets ETF, 15% weighting in the Vanguard FTSE Emerging Markets ETF, and 2% weighting in the Vanguard Prime Market Fund.

Equity – consists of a 48% weighting to the Vanguard 500 Index, 10% weighting in the iShares Russell 2000 Index, 20% weighting in the Vanguard FTSE Developed Markets ETF, 20% weighting in the Vanguard FTSE Emerging Markets ETF, and 2% weighting in the Vanguard Prime Market Fund.

Beginning 1/1/12, the Vanguard Total Intl. Stock Index was replaced by the Vanguard FTSE Developed Markets ETF and Vanguard FTSE Emerging Markets ETF was added to the benchmark to represent Emerging Markets Equities. The benchmark composition changed for purposes of improving the accuracy of the benchmark composition.

Tactical Portfolios Model Portfolio Descriptions:

Capital Preservation Model: preservation of capital with minimal tolerance for losses and fluctuations. Asset allocation ranges are as follows; Large-Caps 0 - 30%, Small-Caps 0 - 25%, Developed International Equities 0 - 25%, Emerging Markets Equities 0 - 25%, REITS 0 - 10%, High-Yields Bonds 0 - 20%, Investment Grade Bonds 20 - 100%, Alternative Investments 0 - 30%. Litman Gregory seeks to earn the maximum return consistent with attempting to limit losses in this portfolio to no more than 2.5% over any 12-month period. There is no guarantee the portfolio will not lose more than 2.5% in any 12-month period.

Conservative Balanced Model: preservation of capital with slight tolerance for losses and fluctuations. Asset allocation ranges are as follows; Large-Caps 0 - 40%, Small-Caps 0 - 25%, Developed International Equities 0 - 30%, Emerging Markets Equities 0 - 30%, REITS 0 - 15%, High-Yield Bonds 0 - 20%, Investment Grade Bonds 20 - 90%, Alternative Investments 0 - 30%. Litman Gregory seeks to earn the maximum return consistent with attempting to limit losses in this portfolio to no more than 5% over any 12-month period. There is no guarantee the portfolio will not lose more than 5% in any 12-month period.

Balanced Model: a balanced approach seeking preservation of capital with some tolerance for short-term fluctuations in value to seek moderate growth. Asset allocation ranges are as follows; Large-Caps 10 - 50%, Small Caps 0 - 30%, Developed International Equities 0 - 35%, Emerging Markets Equities 0 - 35%, REITS 0 - 15%, High-Yield Bonds 0 - 20%, Investment Grade Bonds 10 - 70%, Alternative Investments 0 - 30%. Litman Gregory seeks to earn the maximum return consistent with attempting to limit losses in this portfolio to no more than 10% over any 12-month period. There is no guarantee the portfolio will not lose more than 10% in any 12-month period.

Equity-Tilted Balanced Model: primary emphasis on capital growth with only moderate concern for short-term fluctuations in value. Asset allocation ranges are as follows; Large-Caps 15 - 60%, Small-Caps 0 - 30%, Developed International Equities 0 - 40%, Emerging Markets Equities 0 - 40%, REITS 0 - 15%, High-Yield Bonds 0 - 20%, Investment Grade Bonds 0 - 60%, Alternative Investments 0 - 30%. Litman Gregory seeks to earn the maximum return consistent with attempting to limit losses in this portfolio to no more than 15% over any 12-month period. There is no guarantee the portfolio will not lose more than 15% in any 12-month period.

Equity Model: long-term growth of assets without concern for short-term losses. Asset allocation ranges are as follows; Large-Caps 20 - 80%, Small-Caps 0 - 30%, Developed International Equities 0 - 40%, Emerging Markets Equities 0 - 40%, REITS 0 - 15%, High-Yield Bonds 0 - 20%, Investment Grade Bonds 0 - 45%, Alternative Investments 0 - 30%. The ups and downs of the portfolio's returns are likely to be as wide as the equity market. There is no guarantee the portfolio will not lose more than the stock market in any 12-month period.

Focused Opportunity Model: maximum long-term growth of assets without concern for short-term losses. Performance may be out-of-sync with equity markets. Asset allocation ranges are as follows; Large-Caps 10 - 90%, Small-Caps 0 - 50%, Developed International Equities 0 - 50%, Em

Masters Alpha-Core Benchmark Descriptions:

Conservative Balanced – consists of a 58% weighting in the Vanguard Total Bond Market Index, 20% weighting in the Vanguard 500 Index, 4% weighting in the iShares Russell 2000 Index, 8% weighting in the Vanguard FTSE Developed Markets ETF, 8% weighting in the Vanguard FTSE Emerging Markets ETF, and 2% weighting in the Vanguard Prime Market Fund.

Balanced – consists of a 38% weighting in the Vanguard Total Bond Market Index, 30% weighting in the Vanguard 500 Index, 6% weighting in the iShares Russell 2000 Index, 12% weighting in the Vanguard FTSE Developed Markets ETF, 12% weighting in the Vanguard FTSE Emerging Markets ETF and 2% weighting in the Vanguard Prime Market Fund.

Equity-Tilted Balanced – consists of a 23% weighting in the Vanguard Total Bond Market Index, 37% weighting in the Vanguard 500 Index, 8% weighting in the iShares Russell 2000 Index, 15% weighting in the Vanguard FTSE Developed Markets ETF, 15% weighting in the Vanguard FTSE Emerging Markets ETF, and 2% weighting in the Vanguard Prime Market Fund.

Equity – consists of a 48% weighting to the Vanguard 500 Index, 10% weighting in the iShares Russell 2000 Index, 20% weighting in the Vanguard FTSE Developed Markets ETF, 20% weighting in the Vanguard FTSE Emerging Markets ETF, and 2% weighting in the Vanguard Prime Market Fund.

Beginning 1/1/12, the Vanguard Total Intl. Stock Index was replaced by the Vanguard FTSE Developed Markets ETF and Vanguard FTSE Emerging Markets ETF was added to the benchmark to represent Emerging Markets Equities. The benchmark composition changed for purposes of improving the accuracy of the benchmark composition.

Masters Alpha-Core Model Portfolio Descriptions:

Conservative Balanced Model: preservation of capital with slight tolerance for losses and fluctuations. Asset allocation ranges are as follows; Large-Caps 0 - 40%, Small-Caps 0 - 25%, Developed International Equities 0 - 30%, Emerging Markets Equities 0 - 30%, REITS 0 - 15%, High-Yield Bonds 0 - 20%, Investment Grade Bonds 20 - 90%, Alternative Investments 0 - 30%. Litman Gregory seeks to earn the maximum return consistent with attempting to limit losses in this portfolio to no more than 5% over any 12-month period. There is no guarantee the portfolio will not lose more than 5% in any 12-month period.

Balanced Model: a balanced approach seeking preservation of capital with some tolerance for short-term fluctuations in value to seek moderate growth. Asset allocation ranges are as follows; Large-Caps 10 - 50%, Small Caps 0 - 30%, Developed International Equities 0 - 35%, Emerging Markets Equities 0 - 35%, REITs - 15%, High-Yield Bonds 0 - 20%, Investment Grade Bonds 10 - 70%, Alternative Investments 0 - 30%. Litman Gregory seeks to earn the maximum return consistent with attempting to limit losses in this portfolio to no more than 10% over any 12-month period. There is no guarantee the portfolio will not lose more than 10% in any 12-month period.

Equity-Tilted Balanced Model: primary emphasis on capital growth with only moderate concern for short-term fluctuations in value. Asset allocation ranges are as follows; Large-Caps 15 - 60%, Small-Caps 0 - 30%, Developed International Equities 0 - 40%, Emerging Markets Equities 0 - 40%, REITS 0 - 15%, High-Yield Bonds 0 - 20%, Investment Grade Bonds 0 - 60%, Alternative Investments 0 - 30%. Litman Gregory seeks to earn the maximum return consistent with attempting to limit losses in this portfolio to no more than 15% over any 12-month period. There is no guarantee the portfolio will not lose more than 15% in any 12-month period.

Equity Model: long-term growth of assets without concern for short-term losses. Asset allocation ranges are as follows; Large-Caps 20 - 80%, Small-Caps 0 - 30%, Developed International Equities 0 - 40%, Emerging Markets Equities 0 - 40%, REITS 0 - 15%, High-Yield Bonds 0 - 20%, Investment Grade Bonds 0 - 45%, Alternative Investments 0 - 30%. The ups and downs of the portfolio's returns are likely to be as wide as the equity market. There is no guarantee the portfolio will not lose more than the stock

This is not a sales solicitation but rather a research profile on a specific investment option. It is intended only for one-on-one presentations with a financial advisor present.