



September 2020 Performance Update

Dynamic Strategic Strategies

Executive Summary

- **Year to date performance (as of September 30, 2020)**

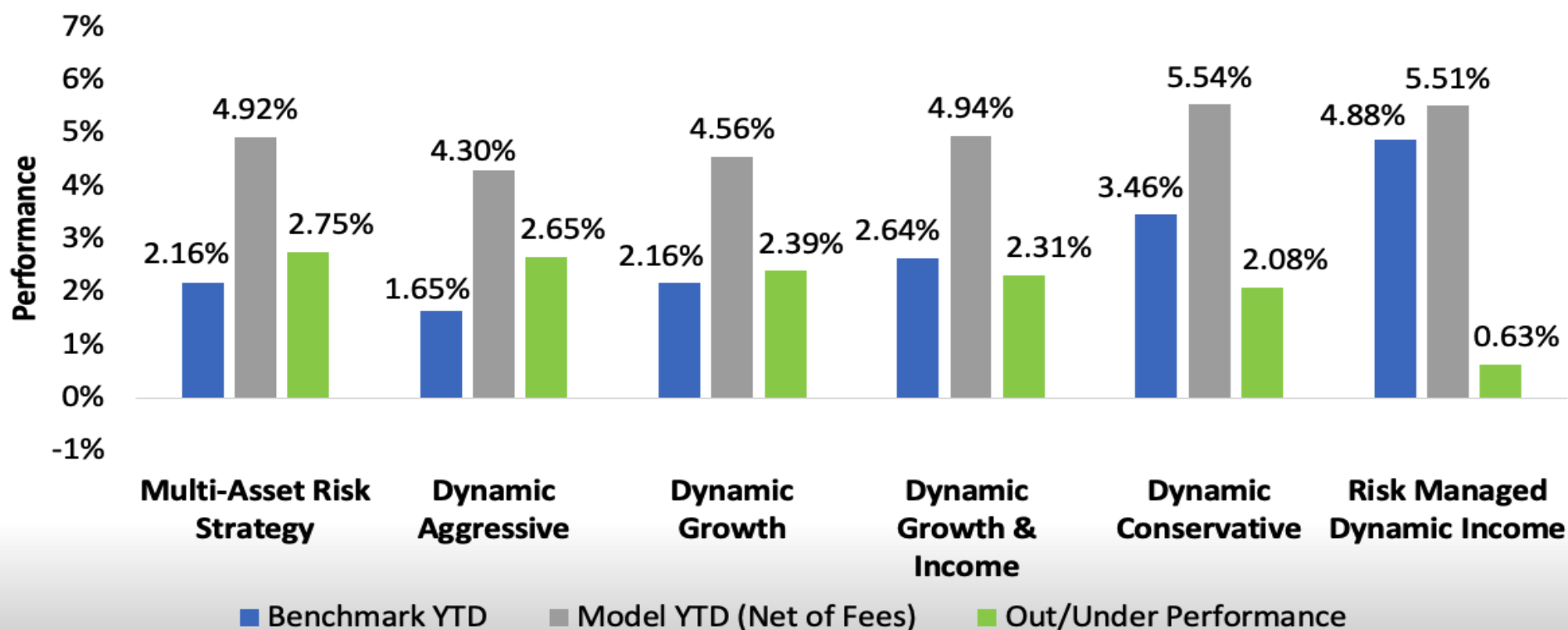
- Year to date, the range of performance of APA's models is **4.30%** (Dynamic Aggressive Model) to **5.54%** (Dynamic Conservative Model).
- **All the models** have **outperformed** their benchmarks **YTD**. The outperformance ranges from a high of **275bps** (Multi-Asset Risk Strategy) to a low of **63bps** (Risk Managed Dynamic Income Model).

- **Since inception**

- Since inception, **all the models** have **outperformed** their benchmarks on an absolute basis.
- The absolute outperformance ranges from a high of **141bps** (Dynamic Growth & Income Model) to a low of **22bps** (Risk Managed Dynamic Income Model).
- Since inception, **all the models** have **outperformed** their benchmarks **on a Sharpe Ratio basis**.

YTD Model Returns versus Benchmark*

Model Returns vs. Benchmark: YTD Performance through September 30, 2020



Source: Astoria Portfolio Advisors. Data as of September 30, 2020.

Twitter: @AstoriaAdvisors

YTD, I-Year, and Since Inception Risk / Net Return Summary*

Risk/Net Return Summary							
Model	YTD	1-Year	Since Inception (June 2017)	Benchmarks	YTD	1-Year	Since Inception (June 2017)
Dynamic Aggressive	4.30%	10.67%	7.37%	Aggressive	1.65%	8.30%	6.59%
Sharpe Ratio	-	0.66	0.51	Sharpe Ratio	-	0.47	0.43
Standard Deviation	-	15.39%	11.66%	Standard Deviation	-	17.86%	12.34%
Dynamic Growth	4.56%	9.87%	7.31%	Growth	2.16%	7.97%	6.25%
Sharpe Ratio	-	0.67	0.57	Sharpe Ratio	-	0.49	0.44
Standard Deviation	-	13.75%	10.07%	Standard Deviation	-	15.89%	10.91%
Dynamic Growth & Income	4.94%	9.33%	7.28%	Growth & Income	2.64%	7.60%	5.88%
Sharpe Ratio	-	0.71	0.64	Sharpe Ratio	-	0.52	0.46
Standard Deviation	-	11.94%	8.76%	Standard Deviation	-	13.93%	9.51%
Dynamic Conservative	5.54%	7.78%	6.01%	Conservative	3.46%	6.72%	5.06%
Sharpe Ratio	-	0.83	0.69	Sharpe Ratio	-	0.58	0.49
Standard Deviation	-	8.11%	6.04%	Standard Deviation	-	10.12%	6.84%
Risk Managed Dynamic Income	5.51%	7.12%	4.98%	Income	4.88%	6.76%	4.76%
Sharpe Ratio	-	1.10	0.82	Sharpe Ratio	-	0.82	0.60
Standard Deviation	-	5.39%	3.80%	Standard Deviation	-	6.95%	4.93%

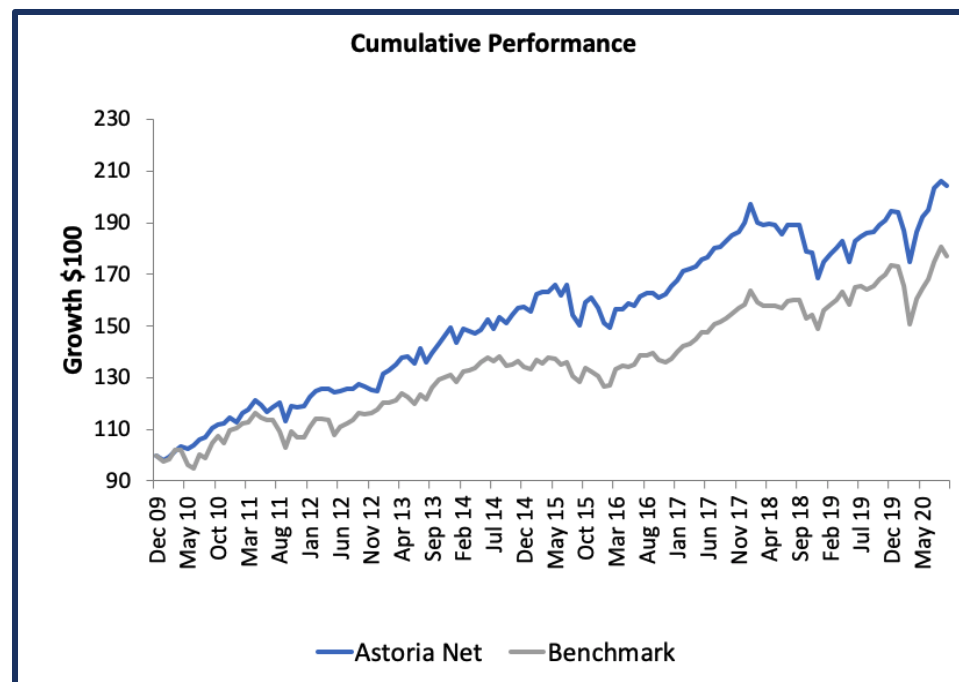
Data Source: Astoria Portfolio Advisors and Orion. Data as of September 30, 2020. YTD numbers are not annualized. All other numbers are annualized. Benchmarks: Dynamic Aggressive Model: 70% MSCI All Country World Index (NDUEACWF), 15% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 15% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST). Dynamic Growth Model: 60% MSCI All Country World Index (NDUEACWF), 25% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 15% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST). Dynamic Growth & Income Model: 50% MSCI All Country World Index (NDUEACWF), 35% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 15% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST). Dynamic Conservative Model: 30% MSCI All Country World Index (NDUEACWF), 55% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 15% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST). Risk Managed Dynamic Income Model: 15% MSCI All Country World Index (NDUEACWF), 80% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 5% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST).

Multi-Asset Risk Strategy (MARS) YTD, 1-Year, 3-Year, 5-Year, and Since Inception Risk / Net Return Summary (Continued)*

Performance	YTD	1 Year	3 Years	5 Years	Since Jan 2010
MARS Gross	5.31%	10.05%	4.22%	6.82%	7.40%
MARS Net	4.92%	9.51%	3.70%	6.29%	6.86%
MARS Benchmark	2.16%	7.16%	5.05%	6.70%	5.47%
Standard Deviation	YTD	1 Year	3 Years	5 Years	Since Jan 2010
MARS Gross	—	11.89%	10.10%	8.95%	8.57%
MARS Net	—	11.89%	10.10%	8.95%	8.57%
MARS Benchmark	—	14.23%	10.20%	8.73%	8.64%
Sharpe Ratio	YTD	1 Year	3 Year	5 Year	Since Jan 2010
MARS Gross	—	0.77	0.27	0.61	0.77
MARS Net	—	0.73	0.22	0.56	0.72
MARS Benchmark	—	0.48	0.35	0.62	0.56

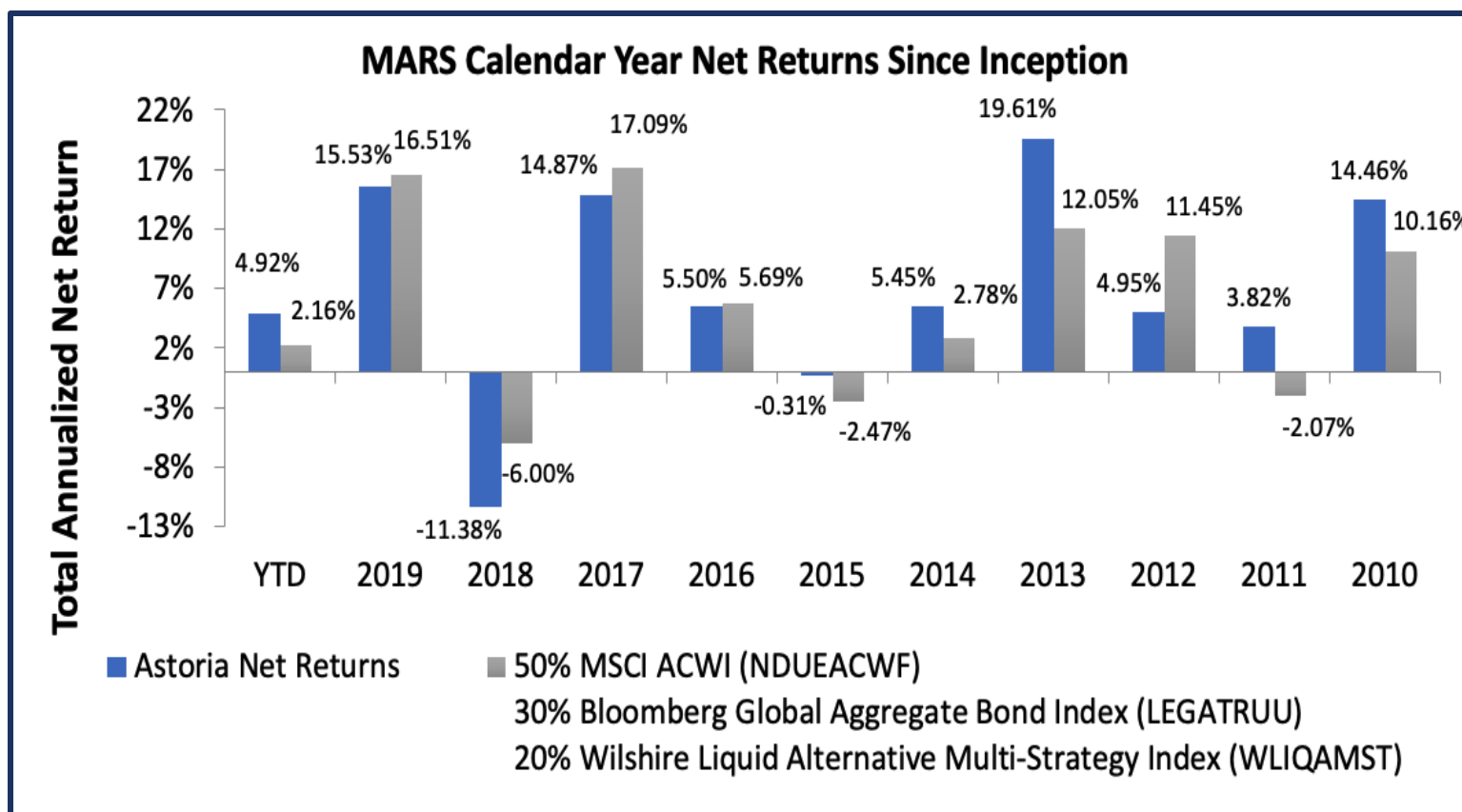
Data Source: Astoria Portfolio Advisors and Orion. Data as of September 30, 2020. YTD numbers are not annualized. All other numbers are annualized. Benchmark: Multi-Asset Risk Strategy: 50% MSCI All Country World Index (NDUEACWF), 30% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 20% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST).

- From January 2010 through September 2020, the Multi-Asset Risk Strategy has cumulatively outperformed its benchmark by 27.37%.



Data Source: Astoria Portfolio Advisors and Orion. Data as of September 30, 2020. Benchmark: Multi-Asset Risk Strategy: 50% MSCI All Country World Index (NDUEACWF), 30% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 20% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST).

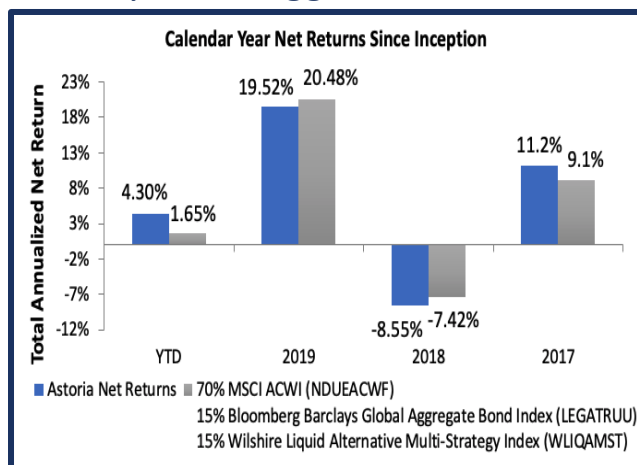
The Multi-Asset Risk Strategy (MARS) is the longest running model with a 10-Year track record.*



Data Source: Astoria Portfolio Advisors and Orion. Data as of September 30, 2020. YTD numbers are not annualized. All other numbers are annualized. Net Returns incorporate 50bps annualized management fee. Benchmark for the Multi-Asset Risk Strategy is 50% MSCI All Country World Index (NDUEACWF), 30% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 20% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST).

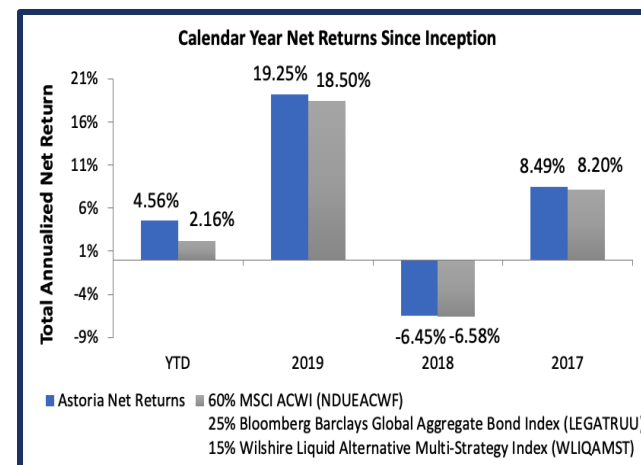
Model Calendar Year Net Returns*

Dynamic Aggressive Model



Data Source: Astoria Portfolio Advisors and Orion. Data as of September 30, 2020. YTD numbers are not annualized. All other numbers are annualized unless denoted. Net Returns incorporate 15bps annualized management fee. Benchmark for the Dynamic Aggressive Model is 70% MSCI All Country World Index (NDUEACWF), 15% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 15% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST).

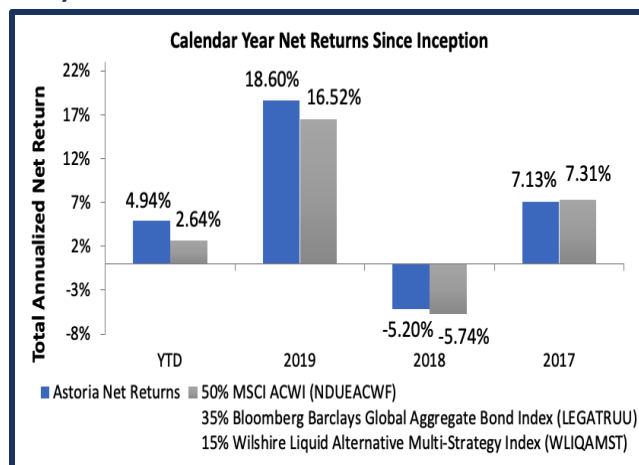
Dynamic Growth Model



Data Source: Astoria Portfolio Advisors and Orion. Data as of September 30, 2020. YTD numbers are not annualized. All other numbers are annualized unless denoted. Net Returns incorporate 15bps annualized management fee. Benchmark for the Dynamic Growth Model is 60% MSCI All Country World Index (NDUEACWF), 25% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 15% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST).

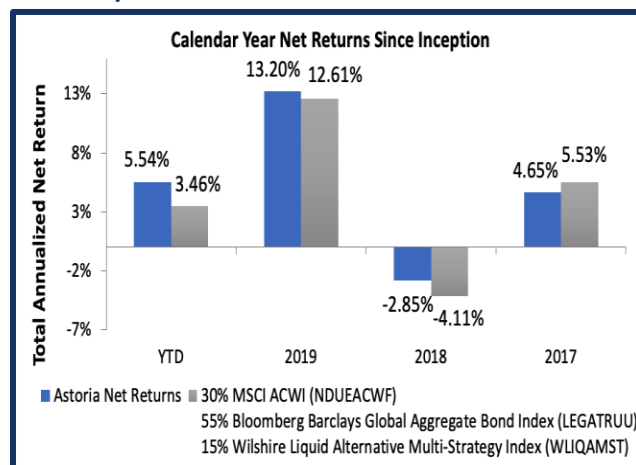
Model Calendar Year Net Returns (Continued)*

Dynamic Growth & Income Model



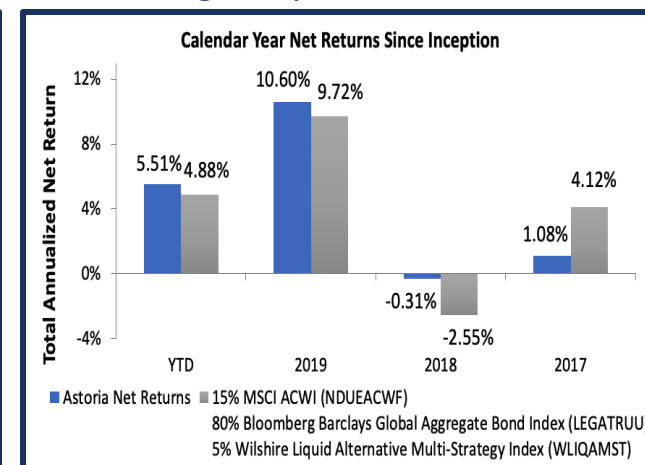
Data Source: Astoria Portfolio Advisors and Orion. Data as of September 30, 2020. YTD numbers are not annualized. All other numbers are annualized unless denoted. Net Returns incorporate 15bps annualized management fee. Benchmark for the Dynamic Growth & Income Model is 50% MSCI All Country World Index (NDUEACWF), 35% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 15% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST).

Dynamic Conservative Model



Data Source: Astoria Portfolio Advisors and Orion. Data as of September 30, 2020. YTD numbers are not annualized. All other numbers are annualized unless denoted. Net Returns incorporate 15bps annualized management fee. Benchmark for the Dynamic Conservative Model is 30% MSCI All Country World Index (NDUEACWF), 55% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 15% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST).

Risk Managed Dynamic Income Model



Data Source: Astoria Portfolio Advisors and Orion. Data as of September 30, 2020. YTD numbers are not annualized. All other numbers are annualized unless denoted. Net Returns incorporate 15bps annualized management fee. Benchmark for the Risk Managed Dynamic Income Model is 15% MSCI All Country World Index (NDUEACWF), 80% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 5% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST).

Warranties & Disclaimers

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- Model portfolio performance for the Dynamic Aggressive Model, Dynamic Growth Model, Dynamic Growth & Income Model, Dynamic Conservative Model, and Risk Managed Dynamic Income Model is shown net of the model advisory fee of 0.15% charged by Astoria Portfolio Advisors and does not include trading costs. The Company's track record for the Multi-Asset Risk Strategy prior to June 9, 2017 includes the performance record established by the Portfolio Manager while affiliated with a prior firm. Astoria's Multi-Asset Risk Strategy performance is shown net of advisory fee of 0.50% charged by Astoria Portfolio Advisors and reflects the deduction of trading costs. The model delivery performance results are net of Astoria Portfolio Advisors' fee and does not include any additional advisory fees charged by advisors employing Astoria's models. Any additional fees charged by an advisor will reduce an investor's return. Performance results shown include the reinvestment of dividends and interest on cash balances where applicable. The data used to calculate the model performance was obtained from sources deemed reliable and then organized and presented by Astoria Portfolio Advisors. The performance calculations have not been audited by any third party. Actual performance of client portfolios may differ materially due to the timing related to additional client deposits or withdrawals and the actual deployment and investment of a client portfolio, the reinvestment of dividends, the length of time various positions are held, the client's objectives and restrictions, and fees and expenses incurred by any specific individual portfolio.

Model Disclosure

- **Benchmarks:** The Dynamic Aggressive Model performance results shown are compared to the performance of 70% MSCI All Country World Index (NDUEACWF), 15% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 15% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST). The index results do not reflect fees and expenses and you typically cannot invest in an index. The Dynamic Growth Model performance results shown are compared to the performance of 60% MSCI All Country World Index (NDUEACWF), 25% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 15% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST). The index results do not reflect fees and expenses and you typically cannot invest in an index. The Multi-Asset Risk Strategy performance results shown are compared to the performance of 50% MSCI All Country World Index (NDUEACWF), 30% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 20% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST). The index results do not reflect fees and expenses and you typically cannot invest in an index. The Dynamic Growth & Income Model performance results shown are compared to the performance of 50% MSCI All Country World Index (NDUEACWF), 35% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 15% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST). The index results do not reflect fees and expenses and you typically cannot invest in an index. The Dynamic Conservative Model performance results shown are compared to the performance of 30% MSCI All Country World Index (NDUEACWF), 55% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 15% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST). The index results do not reflect fees and expenses and you typically cannot invest in an index. The Risk Managed Dynamic Income Model performance results shown are compared to the performance of 15% MSCI All Country World Index (NDUEACWF), 80% Bloomberg Barclays Global Aggregate Bond Index (LEGATRUU), and 5% Wilshire Liquid Alternative Multi-Strategy Index (WLIQAMST). The index results do not reflect fees and expenses and you typically cannot invest in an index.
- **Return Comparison:** Both the MSCI All Country World Index and the Bloomberg Global Aggregate Bond indices were chosen as they are generally well recognized as an indicator or representation of the stock and bond market and include a cross section of holdings. Also, the Wilshire Liquid Alternative Multi-Strategy Index was chosen as it is generally well recognized as an indicator or representation of liquid alternative holdings. Indices are typically not available for direct investment, are unmanaged and do not incur fees or expenses. The results do not represent actual trading and actual results may significantly differ from the theoretical results presented.