# The Aistear Group Investment Philosophy

### THE AISTEAR WEALTH MANAGEMENT GROUP AT MORGAN STANLEY

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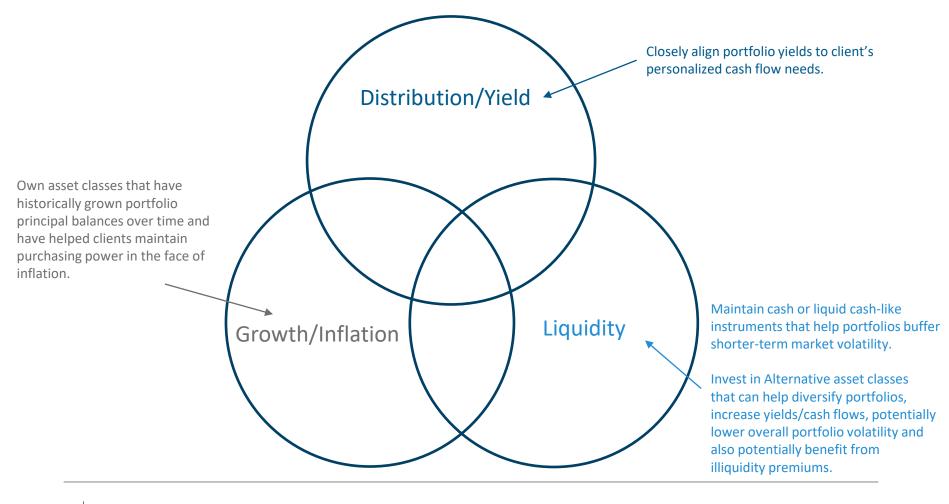
# How We Add Value:

- 1.) Utilize Morgan Stanley Global Investment Committee (GIC) asset allocation guidance to build a diversified portfolios with investments in Global Equities, Global Fixed Income and Alternative Asset classes. Align investment strategy with clients' customized financial plan with a focus on meeting clients' cash flow needs and long term liabilities.
- 2.) Utilize Morgan Stanley Unified Managed Account platform to integrate Separately Managed Accounts, Exchange Trade Funds and Mutual Funds into centralized, Tax and Risk-Managed portfolios.
- 3.) Define investment strategy for clients' overall portfolio and individual accounts, as well as investment philosophy for each asset class. Utilize Morgan Stanley Global Investment Management Analysis (GIMA) to select and monitor individual investment managers selected for the portfolio.

# **Investment Process**

- 1.) While we do gain unique resources and strengths at Morgan Stanley, we do not think that any one organization has all the right answers. We constantly seek alternative views from top industry investment minds to challenge our investment thesis and search for new opportunities. Our process is predicated on selecting the best-in-class solutions within the industry's top open architecture platform here at Morgan Stanley. This results in independent thought and conflict free advice.
- 2.) Because of our focus on high net worth and ultra-high net worth families, the bulk of the assets we manage are taxable. As a result we are acutely focused on immunizing client's cash flow needs with an emphasis on tax efficiency wherever possible. We get the best results when we can act holistically, integrating investment solutions with a comprehensive knowledge of a client' tax situation, estate and legacy objectives and philanthropic goals.
- 3.) We think the best form of risk management is to know what you own, so we can work to reduce the risk of unexpected negative outcomes. This requires an understanding of the thesis, strategy and role of every investment in the portfolio. The integration of GIC capital market research, GIMA investment advisor research, Portfolio Risk Platform (Aladdin) and Unified Managed Account portfolio platform provides us the visibility and tools to manage risk across both the individual investments as well as the overall portfolio.

# Framework for Building Durable Portfolios



# **Capital Tiers & Investment Time Frames**

### **Liquid Bucket:**

Funds clients need access to within 12-18 months. The benchmark for performance returns is the 1 Year Treasury, or CD rate available to a client.

### Risk Adjusted Bucket:

Funds a client has a 2–5-year investment frame in mind for. The performance benchmark for these funds could the bond market or an asset allocation framework like a 50 stock/50 bond portfolio - depending on how much time the client is willing to commit to the investments.

### **Growth Bucket:**

Funds a client is planning on investing in markets for 5+ years. The performance benchmark could be the MSCI World Stock Index or the S&P 500. Good relative performance is not measured in months or quarter, but over market or investment time cycles.

# **Global Equity Philosophy**

- 1.) We diversify portfolios across market cap, geography and investment style to provide clients with access to and opportunities from a full basket of global equities. Since we believe investors live off their portfolios, we emphasize managers that provide current yield, while growing investors' capital base over time.
- 2.) We think passive investing has a role in portfolios, but we also think that the Efficient Markets Theory supporting blanket indexing has its challenges. Active managers can take advantage of mispricing opportunities and can potentially navigate risk in markets more proactively, leading to better risk adjusted returns over full market cycles. This is particularly true in smaller, less liquid and less efficient markets in the US and abroad. That said, all active managers are susceptible to periods of underperformance so, at times, we 'budget' active management risk by combing both active and passive strategies.
- 3.) We utilize managers that take both long only strategic approaches as well as managers with more tactical near-term positions that focus on shorter horizon opportunities caused by investor behavior, momentum, technical factors in the market, etc...

# Global Fixed Income Philosophy

- 1.) We think that diversification across US, International and Emerging Markets is essential to building robust fixed income portfolio. This is especially important now given divergent central bank policies across the globe.
- In a rising rate environment, what has been a reliable source of income and stability must be viewed very differently. To hedge against interest rate risk domestically, we use diversification across geography, duration, tax status and credit quality in our portfolios. We employ these strategies with a diligent focus on the fact that this part of any client's portfolio is designed to produce cash flow yields, while protecting principal in down equity markets.
- 3.) We utilize managers that take a more flexible and non-traditional approach to investing in the global fixed income marketplace and are not constrained by traditional benchmarks. These managers may employ multi-asset strategies, idiosyncratic investment philosophies or hedge portfolio duration risk with short positions and/or the use of derivatives.

# **Alternative Assets**

- 1.) We leverage Morgan Stanley Wealth Management's dominant position in the alternative asset class segment and advocate an appropriate weight to non-traditional and opportunistic investment strategies in qualified client's portfolios. We view this allocation as essential to our overall portfolio strategy for what we think will be a lower return and higher volatility environment for traditional asset classes.
- 2.) The ongoing dislocation of capital markets represents a prime source of low-correlation investment opportunities. Lack of traditional suppliers of capital and illiquidity premiums across hedge funds, private equity, private real estate, private credit and multi-asset class strategies may provide superior risk-adjusted returns over time.
- 3.) Morgan Stanley's unique sourcing capabilities and specialized expertise in this area provides clients with opportunities in traditional mutual fund, registered investment company and partnership arrangements. Clients also benefit from co-mingled feeder funds that provide access to exclusive world class managers and benefit from the ability diversify across multiple strategies.

## Hypothetical Asset Allocations - Model 1

Hypothetical Performance Data Through September 30, 2023\*

Allocations as of April 19, 2024

### Global Investment Committee Asset Allocation Models

For Investors with \$10 Million or More in Investable Assets (Level 2)

Wealth Conservation Model 1



#### BENCHMARK ALLOCATION\*

Asset Class	Benchmark Index	Wt (%)
Ultrashort FI	FTSE US 3M T-Bill	1596
Fixed Income	Bloomberg US Aggregate	60%
Equity	MSCI All Country World	15%
Alternatives	Alternatives Blend	10%
Benchmark Total		100%

Benchmark lotal

The table and pie chart located in the center of the image above represent the benchmark portfolio allocation. The GIC strategic portfolio allocation is represented by the table to the right and the donut chart located on the outside the pie chart.

#### GIC MODEL 1 FORECASTED STATISTICS

Forecasted Estimates**	Model 1
Bull Case	10.2%
Strategic Return (Base Case)	5.8%
Bear Case	1.5%
Volatility	4.496
Sharpe Ratio	0.45
Sharpe Ratio	

MODEL 1 PORTFOLIO ALLOCATION

Asset Class	Benchmark Index		☐ Strategic ☐	<ul> <li>Tactical</li> </ul>	Difference
Ultrashort Fixed Income	FTSE US Three-Month T-Bill Index		13%	9%	-496
US Large-Cap Growth	Russell 1000 Growth Index		496	5%	196
US Large-Cap Value	Russell 1000 Value Index		396	396	0%
US Mid-Cap Growth	Russell Midcap Growth Index		0%	0%	0%
US Mid-Cap Value	Russell Midcap Value Index		096	0%	096
US Small-Cap Growth	Russell 2000 Growth Index		096	096	096
US Small-Cap Value	Russell 2000 Value Index	1	196	096	-196
Europe	MSCI Europe Index (USD, U)		396	296	-196
Japan	MSCI Japan Index (USD, U)		196	196	0%
Asia-Pacific ex-Japan	MSCI Pacific ex-Japan Index (USD, U)		0%	0%	0%
Emerging Markets	MSCI Emerging Markets Index (USD, U)		296	296	0%
Total Equities			14%	13%	-1%
Short-Term	Bloomberg US One- to Five-Year Govt./Credit Index		1996	1496	-596
US Core	Bloomberg US Aggregate Index		3496	4696	1296
US Long-Term Treasuries	Bloomberg US 20+-Year Treasury Index		096	396	396
Inflation-Linked	Bloomberg US TIPS Index	1	196	0%	-196
High Yield	Bloomberg US High Yield Corporate Index	1	196	0%	-196
Emerging Markets	J.P. Morgan EMBI Global Index	1	196	0%	-196
Total Fixed Income			56%	63%	7%
Real Estate/REITs	FTSE EPRA-NAREIT Global Index	1.0	096	296	296
Commodities	Bloomberg Commodity Index	1	196	196	096
Energy Infrastructure/MLPs	Alerian Midstream Energy Select Index		196	196	096
Absolute Return Assets	Absolute Return (GIC) Index		296	296	0%
Equity Hedge Assets	Equity Hedge (GIC) Index		496	396	-196
Equity Return Assets	Equity Return (GIC) Index	1	196	096	-196
Private Real Estate	Cambridge Private Real Estate Index		396	396	0%
Private Equity	Cambridge Private Equity Index		396	296	-196
Private Credit	Cambridge Private Credit Index		296	196	-196
Total Alternatives			17%	15%	-2%
Total Portfolio	·		100%	100%	0%

The Strategic Allocation represents the blend of asset classes identified by the Morgan Stanley Wealth Management Global Investment Committee, subject to various allocation constraints that the Committee believes is appropriate over the long run, for achieving maximum return potential for the level of risk tolerance associated with the Wealth Conservation model (Model 1). The Tactical Allocation seeks to maximize potential returns, for the same risk tolerance, over a shorter period (generally approximately 12 monthls). The Tactical Allocation is adjusted more frequently than the Strategic Allocation, although both are subject to change at any time. The analyses in this profile are based on the Strategic Allocations. (H) Denotes the hedged version of an index, and (U) denotes the unhedged version of an index.

Hypothetical blended index performance results do not reflect fees or commissions. Had the results reflected these costs, the hypothetical performance would have been lower. This material has been prepared for informational purposes only and is not an offer to buy or sell on a solicitation of any offer to buy or sell any security or other financial instrument or to participate in any rading strategy. This is not a research report and was not prepared by the Research Departments of Morgan Stanley & Co. LLC or its affiliates. Past performance of any index or hypothetical blended index performance does not guarantee future results. Indices are unmanaged. An investor cannot invest directly in an index. Any indices or weights displayed herein are shown for illustrative purposes only and do not represent the performance of any specific investment or performance of actual portfolios. This material does not represent a desent of an investment advisory and should not be regarded as a recommendation of any kind. The performance herein does not reflect the investment of this material as the sole basis for your investment decisions. Please refer to important information, disclosures and qualifications at the end of this material and the applicable Morgan Stanley Smith Barney LLC Form ADV Part 2A for more information about the assert-based Advisory fee charged to investment advisory accounts. Source- Bloomberg-, Factset, Morgan Stanley Wealth Management Global Investment Office.

<sup>\*</sup> Performance reporting delayed due to private equity allocation

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## **Hypothetical Asset Allocations – Model 2**

Hypothetical Performance Data Through September 30, 2023\*

Allocations as of April 19, 2024

### Global Investment Committee Asset Allocation Models

For Investors with \$10 Million or More in Investable Assets (Level 2)

Income Model 2



#### BENCHMARK ALLOCATION\*

Asset Class	Benchmark Index	VVT (%)
Ultrashort FI	FTSE US 3M T-Bill	10%
Fixed Income	Bloomberg US Aggregate	50%
Equity	MSCI All Country World	30%
Alternatives	Alternatives Blend	10%
Benchmark Total		100%

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The table and pie chart located in the center of the image above represent the benchmark portfolio allocation. The GIC strategic portfolio allocation is represented by the table to the right and the donut chart located on the outside the oie chart.

#### GIC MODEL 2 FORECASTED STATISTICS

Forecasted Estimates**	Model 2
Bull Case	12.496
Strategic Return (Base Case)	6.5%
Bear Case	0.5%
Volatility	6.0%
Sharpe Ratio	0.43

MODEL 2 PORTFOLIO ALLOCATION

Asset Class	Benchmark Index		Strategic	<ul><li>Tactical</li></ul>	Difference
Ultrashort Fixed Income	FTSE US Three-Month T-Bill Index		5%	5%	0%
US Large-Cap Growth	Russell 1000 Growth Index	<b>₽</b>	6%	9%	396
US Large-Cap Value	Russell 1000 Value Index		6%	696	096
US Mid-Cap Growth	Russell Midcap Growth Index		0%	096	0%
US Mid-Cap Value	Russell Midcap Value Index	1	196	0%	-196
US Small-Cap Growth	Russell 2000 Growth Index		0%	0%	0%
US Small-Cap Value	Russell 2000 Value Index	1	196	0%	-196
Europe	MSCI Europe Index (USD, U)		496	496	0%
Japan	MSCI Japan Index (USD, U)	0	3%	296	-196
Asia-Pacific ex-Japan	MSCI Pacific ex-Japan Index (USD, U)	1	196	196	096
Emerging Markets	MSCI Emerging Markets Index (USD, U)		3%	3%	0%
Total Equities			25%	25%	0%
Short-Term	Bloomberg US One- to Five-Year Govt./Credit Index		15%	1196	-496
US Core	Bloomberg US Aggregate Index		2896	37%	9%
US Long-Term Treasuries	Bloomberg US 20+-Year Treasury Index	1	0%	296	296
Inflation-Linked	Bloomberg US TIPS Index	1	196	096	-196
High Yield	Bloomberg US High Yield Corporate Index	1	196	096	-196
Emerging Markets	J.P. Morgan EMBI Global Index	1	196	096	-196
Total Fixed Income			46%	50%	4%
Real Estate/REITs	FTSE EPRA-NAREIT Global Index	•	196	296	196
Commodities	Bloomberg Commodity Index	•	196	296	196
Energy Infrastructure/MLPs	Alerian Midstream Energy Select Index	•	196	296	196
Absolute Return Assets	Absolute Return (GIC) Index	•	296	396	196
Equity Hedge Assets	Equity Hedge (GIC) Index		6%	396	-3%
Equity Return Assets	Equity Return (GIC) Index		296	096	-296
Private Real Estate	Cambridge Private Real Estate Index		3%	396	0%
Private Equity	Cambridge Private Equity Index		5%	3%	-2%
Private Credit	Cambridge Private Credit Index		396	296	-196
Total Alternatives			24%	20%	-4%

The Strategic Allocation represents the blend of asset classes identified by the Morgan Stanley Wealth Management Global Investment Committee, subject to various allocation constraints that the Committee believes is appropriate over the long run, for achieving maximum return potential for the level of risk tolerance associated with the Income model (Model 2). The Tactical Allocation seeks to maximize potential returns, for the same risk tolerance, over a shorter period (generally approximately 12 months). The Tactical Allocation is adjusted more frequently than the Strategic Allocation, although both are subject to change at any time. The analyses in this profile are based on the Strategic Allocations. (H) Denotes the hedged version of an index, and (U) denotes the unhedged version of an index. and (U) denotes the number of the profile of the strategic Allocations.

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Hypothetical blended index performance results do not reflect fees or commissions. Had the results reflected these costs, the hypothetical performance would have been lower. This material has been prepared for informational purposes only and is not an offer to buy or sell or a solicitation of any offer to buy or sell any security or other financial instrument or to participate in any trading strategy. This is not a research report and was not prepared by the Research beganded index performance does not guarantee future results. Indices are unmanaged. An investor cannot invest directly in an index. Any indices or weights displayed herein are shown for illustrative purposes only and do not represent the performance of any specific investment. The GIC Asset Alliocation Models are not offered or available to be directly implemented as part of an investment advisory and should not be regarded as a recommendation of any kind. The performance herein does not represent actions expectific analysis or recommendation. Do not use this material as the sole basis for your investment decisions. Please refer to important information, disclosures and qualifications at the end of this material and the applicable Morgan Stanley Smith Barney LLC Form ADV Part 2A for more information about the asset-based Advisory fee charged to investment advisory accounts. Source: Bloomberg, Fastest, Morgan Stanley Beath Management Global Investment Office.

## **Hypothetical Asset Allocations – Model 3**

Hypothetical Performance Data Through September 30, 2023\*

Allocations as of April 19, 2024

### Global Investment Committee Asset Allocation Models

For Investors with \$10 Million or More in Investable Assets (Level 2)

Balanced Growth Model 3



#### BENCHMARK ALLOCATION

Asset Class	Benchmark Index	Wt (%)
Ultrashort FI	FTSE US 3M T-Bill	5%
Fixed Income	Bloomberg US Aggregate	4096
Equity	MSCI All Country World	4096
Alternatives	Alternatives Blend	1596
Benchmark Total		100%

The table and pie chart located in the center of the image above represent the benchmark portfolio allocation. The GIC strategic portfolio allocation is represented by the table to the right and the donut chart located on the outside the oie chart.

#### GIC MODEL 3 FORECASTED STATISTICS

Forecasted Estimates**	Model 3
Bull Case	14.096
Strategic Return (Base Case)	6.8%
Bear Case	-0.496
Volatility	7.296
Sharpe Ratio	0.41

Asset Class	Benchmark Index		Strategic	<ul><li>Tactical</li></ul>	Difference
Ultrashort Fixed Income	FTSE US Three-Month T-Bill Index		3%	2%	-196
US Large-Cap Growth	Russell 1000 Growth Index		896	1296	496
US Large-Cap Value	Russell 1000 Value Index		896	8%	096
US Mid-Cap Growth	Russell Midcap Growth Index	1	196	196	096
US Mid-Cap Value	Russell Midcap Value Index	1	196	196	0%
US Small-Cap Growth	Russell 2000 Growth Index		096	096	0%
US Small-Cap Value	Russell 2000 Value Index	I	196	096	-196
Europe	MSCI Europe Index (USD, U)		696	696	0%
Japan	MSCI Japan Index (USD, U)		496	296	-296
Asia-Pacific ex-Japan	MSCI Pacific ex-Japan Index (USD, U)	1	196	196	0%
Emerging Markets	MSCI Emerging Markets Index (USD, U)		496	496	0%
Total Equities			34%	35%	196
Short-Term	Bloomberg US One- to Five-Year Govt./Credit Index		1196	896	-396
US Core	Bloomberg US Aggregate Index		22%	28%	696
US Long-Term Treasuries	Bloomberg US 20+-Year Treasury Index	1	096	296	296
Inflation-Linked	Bloomberg US TIPS Index	1	196	096	-196
High Yield	Bloomberg US High Yield Corporate Index	1	196	096	-196
Emerging Markets	J.P. Morgan EMBI Global Index	1	196	0%	-196
Total Fixed Income			36%	38%	2%
Real Estate/REITs	FTSE EPRA-NAREIT Global Index	•	196	296	196
Commodities	Bloomberg Commodity Index	1	196	296	196
Energy Infrastructure/MLPs	Alerian Midstream Energy Select Index		2%	296	0%
Absolute Return Assets	Absolute Return (GIC) Index	9	2%	396	196
Equity Hedge Assets	Equity Hedge (GIC) Index		696	6%	096
Equity Return Assets	Equity Return (GIC) Index		3%	096	-396
Private Real Estate	Cambridge Private Real Estate Index	•	3%	496	196
Private Equity	Cambridge Private Equity Index		6%	496	-296
Private Credit	Cambridge Private Credit Index		396	296	-196
Total Alternatives			27%	25%	-2%

The Strategic Allocation represents the blend of asset classes identified by the Morgan Stanley Wealth Management Global Investment Committee, subject to various allocation constraints that the Committee believes is appropriate over the long run, for achieving maximum return potential for the level of risk tolerance associated with the Balanced Growth model (Model 3). The Tactical Allocation seeks to maximize potential returns, for the same risk tolerance, over a shorter period (generally approximately 12 months). The Tactical Allocation is adjusted more frequently than the Strategic Allocation, although both are subject to change at any time. The analyses in this profile are based on the Strategic Allocations. (H) Denotes the hedged version of an index, and (U) denotes the unhedged version of an index.

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GLOBAL INVESTMENT COMMITTEE | MODEL 3 PORTFOLIO PROFILE

<sup>\*</sup> Performance reporting delayed due to private equity allocation

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## **Hypothetical Asset Allocations – Model 4**

Hypothetical Performance Data Through September 30, 2023\*

Allocations as of April 19, 2024

### Global Investment Committee Asset Allocation Models

Private Real Estate

**Total Alternatives** 

Private Equity

Private Credit

For Investors with \$10 Million or More in Investable Assets (Level 2)

Market Growth Model 4

396

696

396

28%

496

596

296

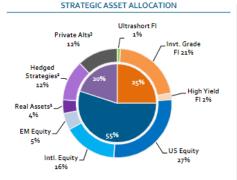
27%

196

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#### BENCHMARK ALLOCATION\*

Asset Class	Benchmark Index	Wt (%)
Ultrashort FI	FTSE US 3M T-Bill	0%
Fixed Income	Bloomberg US Aggregate	25%
Equity	MSCI All Country World	55%
Alternatives	Alternatives Blend	20%
Benchmark Total		100%

The table and pie chart located in the center of the image above represent the benchmark portfolio allocation. The GIC strategic portfolio allocation is represented by the table to the right and the donut chart located on the outside the ole chart.

#### GIC MODEL 4 FORECASTED STATISTICS

Forecasted Estimates**	Model 4
Bull Case	16.296
Strategic Return (Base Case)	7.396
Bear Case	-1.796
Volatility	8.9%
Sharpe Ratio * Performance reporting delayed due to private equity allocation	0.38

Benchmark Index □ Strategic ■ Tactical Difference Ultrashort Fixed Income FTSE US Three-Month T-Bill Index -196 US Large-Cap Growth Russell 1000 Growth Index 1296 1696 496 US Large-Cap Value 1096 1196 196 Russell 1000 Value Index US Mid-Cap Growth Russell Midcap Growth Index 196 196 096 US Mid-Cap Value Russell Midran Value Index 296 196 -196 US Small-Can Growth Russell 2000 Growth Index 196 n96 -196 US Small-Cap Value Russell 2000 Value Index 196 096 -196 MSCI Europe Index (USD, U) 996 9% 096 MSCI Japan Index (USD, U) 596 396 -596 Asia-Pacific ex-Japan MSCI Pacific ex-Japan Index (USD, U) 296 196 -196 596 **Emerging Markets** MSCI Emerging Markets Index (USD, U) 596 196 **Total Equities** 48% 48% 0% Short-Term Bloomberg US One- to Five-Year Govt./Credit Index 896 -396 596 Bloomberg US Aggregate Index 13% 1996 6% US Long-Term Treasuries Bloomberg US 20+-Year Treasury Index 096 196 196 Bloomberg US TIPS Index 096 Inflation-Linked 096 096 High Yield Bloomberg US High Yield Corporate Index 196 096 -196 J.P. Morgan EMBI Global Index **Emerging Markets** 196 n96 -196 Total Fixed Income 23% 25% 2% Real Estate/REITs FTSE EPRA-NAREIT Global Index 196 196 296 Commodities Bloomberg Commodity Index 196 296 196 Energy Infrastructure/MLPs Alerian Midstream Energy Select Index 296 296 096 Absolute Return Assets Absolute Return (GIC) Index 296 096 Equity Hedge Assets Equity Hedge (GIC) Index 696 -196 Equity Return Assets Equity Return (GIC) Index 396 296 -196

MODEL & PORTFOLIO ALLOCATION

Total Portfolio

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Cambridge Private Real Estate Index

Cambridge Private Equity Index

Cambridge Private Credit Index

Hypothetical blended index performance results do not reflect fees or commissions. Had the results reflected these costs, the hypothetical performance would have been lower. This material has been prepared for informational purposes only and is not an offer to buy or sell on of any offer to buy or sell on any security or other financial instrument or to participate in any trading strategy. This is not a research report and was not prepared by the Research Departments of Morgan Stanley & Co. LLC or its affiliates. Past performance of any index or hypothetical blended index performance does not guarantee future results. Indices are unmanaged. An investor cannot invest directly in an index. Any indices or weights displayed herein are shown for illustrative purposes only and do not represent the performance of any specific investment. The GIC Asset Alliocation Models are not offered or available to be directly implemented as part of any kind. The performance herein does not represent on one of the does not represent a client-specific analysis for recommendation. Do not use this material as the sole basis for your investment decisions. Please refer to important information, disclosures and qualifications at the end of this material and the applicable Morgan Stanley Smith Barney LLC Form ADV Part 2A for more information about the asset-based Advisory fee charged to investment advisory accounts. Source: Bloomberg, Fastest, Morgan Stanley Wealth Management Clobal Investment Office or accounts. Source: Bloomberg, Fastest, Morgan Stanley Wealth Management Clobal Investment of the successions.

<sup>\*\*</sup> Forecasted estimates are for illustrative purposes only, are based on proprietary models and are not indicative of the future performance of any specific investment, index or asset class. Actual performance may be more or less than the estimates shown in this table. Estimates of future performance are based on assumptions that may not be realized. Strategic return and volatility estimates are long-term estimates with a seven-year time horizon. Volatility estimates are based on data with longest available history to the end of the last full calendary year. Please refer to the GIC Annual Update of Capital Markets Assumptions paper.

## **Hypothetical Asset Allocations – Model 5**

Hypothetical Performance Data Through September 30, 2023\*

Allocations as of April 19, 2024

### Global Investment Committee Asset Allocation Models

For Investors with \$10 Million or More in Investable Assets (Level 2)

Opportunistic Growth Model 5



Asset Class	Benchmark Index	Wt (%)
Ultrashort FI	FTSE US 5M T-Bill	n96

■ Ultrashort FI FTSE US 3M T-Bill 096
■ Fixed Income Bloomberg US Aggregate 1096
■ Equity MSCI All Country World 7096
■ Alternatives Alternatives Blend 2096
■ Benchmark Total 10096

Benchmark 1 otal

The table and pie chart located in the center of the image above represent the benchmark portfolio allocation. The GIC strategic portfolio allocation is represented by the table to the right and the donut chart located on the outside the nic chart.

#### GIC MODEL 5 FORECASTED STATISTICS

Forecasted Estimates**	Model 5
Bull Case	18.3%
Strategic Return (Base Case)	7.7%
Bear Case	-2.9%
Volatility	10.6%
Sharpe Ratio	0.36

Asset Class	Benchmark Index		☐ Strategic ■	■ Tactical	Difference
Ultrashort Fixed Income	FTSE US Three-Month T-Bill Index		0% 0%		
JS Large-Cap Growth	Russell 1000 Growth Index		15%	2196	694
US Large-Cap Value	Russell 1000 Value Index		1496	1496	0%
JS Mid-Cap Growth	Russell Midcap Growth Index		196	196	096
JS Mid-Cap Value	Russell Midcap Value Index		296	196	-196
JS Small-Cap Growth	Russell 2000 Growth Index		196	0%	-196
JS Small-Cap Value	Russell 2000 Value Index		196	0%	-196
Europe	MSCI Europe Index (USD, U)		1296	1196	-196
lapan	MSCI Japan Index (USD, U)		696	496	-2%
Asia-Pacific ex-Japan	MSCI Pacific ex-Japan Index (USD, U)		2%	296	096
Emerging Markets	MSCI Emerging Markets Index (USD, U)		7%	796	0%
Total Equities			61%	61%	0%
Short-Term	Bloomberg US One- to Five-Year Govt./Credit Index	1	296	296	096
JS Core	Bloomberg US Aggregate Index		696	9%	396
JS Long-Term Treasuries	Bloomberg US 20+-Year Treasury Index	1	096	196	196
nflation-Linked	Bloomberg US TIPS Index		096	0%	096
High Yield	Bloomberg US High Yield Corporate Index		196	0%	-196
merging Markets	J.P. Morgan EMBI Global Index	1	196	0%	-196
Total Fixed Income		<b>=</b>	10%	12%	2%
Real Estate/REITs	FTSE EPRA-NAREIT Global Index		196	196	0%
Commodities	Bloomberg Commodity Index		196	196	096
nergy Infrastructure/MLPs	Alerian Midstream Energy Select Index		296	296	096
Absolute Return Assets	Absolute Return (GIC) Index		296	296	096
quity Hedge Assets	Equity Hedge (GIC) Index		6%	6%	096
quity Return Assets	Equity Return (GIC) Index		496	496	096
rivate Real Estate	Cambridge Private Real Estate Index		3%	496	196
rivate Equity	Cambridge Private Equity Index		796	5%	-296
Private Credit	Cambridge Private Credit Index		396	296	-196
Total Alternatives			29%	27%	-2%

The Strategic Allocation represents the blend of asset classes identified by the Morgan Stanley Wealth Management Global Investment Committee, subject to various allocation constraints that the Committee believes is appropriate over the long run, for achieving maximum return potential for the level of risk tolerance associated with the Opportunistic Growth model (Model 5). The Tactical Allocation seeks to maximize potential returns, for the same risk tolerance, over a shorter period (generally approximately 12 months). The Tactical Allocation is adjusted more frequently than the Strategic Allocation, although both are subject to change at any time. The analyses in this profile are based on the Strategic Allocations (I) Denotes the hedged version of an index, and (I) denotes the unhedged version of an index and (I) denotes the unhedged version of an index. and

last full calendar year. Please refer to the GIC Annual Update of Capital Markets Assumptions paper.

Hypothetical blended index performance results do not reflect fees or commissions. Had the results reflected these costs, the hypothetical performance would have been lower. This material has been prepared for informational purposes only and is not an offer or a solicitation of any offer to buy or sell or to buy or sell or a solicitation of any offer to buy or sell any security or other financial instrument or to participate in any trading strategy. This is not a research report and was not prepared by the Research Departments of Morgan

Hypothetical blended index performance results do not reflect tees or commissions. Had me results reflected these costs, the hypothetical blended index performance would have been lower. In its material has been prepared by the Research Departments of Morgan not an offer to buy or sell or a solicitation of any offer to buy or sell or any security or other financial instrument or to participate in any trading strategy. This is not a research report and was not prepared by the Research Departments of Morgan Stanley & Co. LLC or its affiliates. Past performance of any index or hypothetical blended index performance does not guarantee future results. Indices are unmanaged. An investor cannot invest directly in indices or weights displayed herein are shown for illustrative purposes only and do not represent the performance of any specific investment. The GIC Asset Allocation M odels are not offered or available to be directly implemented as part of an investment advisory and should not be regarded as a recommendation of any kind. The performance herein does not reflect the investment of or performance of actual portfolios. This material does not represent a client-specific analysis or recommendation. Do not use this material as the sole basis for your investment devisions. Please refer to important information, disclosures and qualifications at the end of this material and the applicable Morgan Stanley Smith Barney LLC Form ADV Part 2A for more information about the asset-based Advisory fee charged to investment advisory accounts. Source: Bloomothery, Factore, Morgan Stanley Smith Barney LLC Form ADV Part 2A for more information about the asset-based Advisory fee charged to investment advisory accounts. Source: Bloomothery, Factore, Morgan Stanley Smith Barney LLC Form ADV Part 2A for more information about the

GLOBAL INVESTMENT COMMITTEE | | MODEL 5 PORTFOLIO PROFILE

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"Success in investing does not correlate with I.Q... once you have ordinary intelligence, what you need is the temperament to control the urges that get other people into trouble in investing" – Warren Buffett

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- •Lack of liquidity in that there may be no secondary market for a fund;
- Volatility of returns;
- Restrictions on transferring interests in a fund;
- Potential lack of diversification and resulting higher risk due to concentration of trading authority when a single advisor is utilized;
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- Risks associated with cybersecurity.

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