# The MSCI Multi-Asset Class (MAC) Factor Model

The MSCI MAC Factor Model provides high to low granularity in looking at systematic strategy factors through an integrated and consistent framework

Factor based application in multi-factor portfolios provides a deeper lens into the key drivers of risk and return.

As portfolios transition from traditional asset class allocation to a factor based allocation process, MSCI'S MAC

Factor Model can help investors change their allocation process to focus on key exposures across all asset classes in their portfolio.

# **Key features**

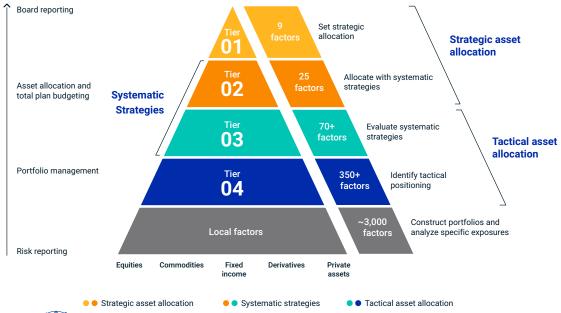
- Supports factor-based asset allocation
- Expands global models, style factors and systematic strategies beyond equities
- · Establishes standards across asset classes:
  - Expanding on the integration and private models in BIM
  - Supporting higher-level themes through research and model validation

### **Benefits**

- Provides consistency between asset classes
- · Introduces MAC systematic strategies
- Simplifies communication of key exposures, at the appropriate level of granularity
  - Detailed exposures for portfolio managers
  - Core exposures for asset class managers
  - Global exposures for asset allocators

The MSCI Multi-Asset Class Factor Model provides further insight and control into multi or single asset class investing. The tiered structure allows for multiple levels of granularity, providing consistency throughout the investment process.

# The MSCI Multi-Asset Class Factor Model





The tiered structure of the MAC Factor Model allows for multiple levels of granularity, providing consistency throughout the investment process. The integration between tiers helps bridge the gap from construction to communication between the board, CIO, and portfolio managers using a common language.

Tier	Use case
Tier 1	Set strategic allocation
	9 top level factors to communicate and report the key drivers of risk and return. Designed for the board/top level reporting
Tier 2	Allocate with systematic strategies
	Strategic asset allocation across the 25 Factor Premias. Integrates transition from board view to CIO/CRO to PM
Tier 3	Evaluate Systematic Strategies
	Review the investment objectives set by managers across multi-asset class portfolios to build portfolios that have active tilts towards targeted investment objectives. Manage concentration and aggregate exposures
Tier 4	Identify Tactical Positioning
	Provides a deeper view of exposure to industries, countries, rates, real estate, etc. and gives the ability to drill down
	into granular drivers of risk while maintaining consistency in SAA and reporting at top level
Tier 5	Construct Portfolios and Analyze Specific Exposures
	Strength of integration and consistency provides unparalleled depth in to asset allocation and portfolio construction

Tier 1 provides 9 factor groups to help investors set strategic asset allocation and determine total risk. These factor groups also help communicate investment strategies at the board level.





















## **About MSCI**

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process.

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