

MSCI REAL ESTATE INDEX MODULE

The MSCI Real Estate Index Module is a broad suite of real estate indexes, designed to represent the performance of global real estate investment opportunities — from publicly listed real estate to direct property, from real estate operating companies and developers to REITs. The module supports all aspects of the investment process, including real estate asset allocation, portfolio construction and investment strategy. Our indexes can also be used for real estate benchmarking and as the basis for innovative passive investment products.

180+
MSCI Real Estate
Index Module

85+ CORE

MSCI Core Real Estate Indexes

20+ CORE FACTOR

MSCI Core Real Estate Factor Indexes

Equal Weighted
Minimum Volatility
High Dividend Yield

10+ DIRECT PROPERTY

MSCI IPD® Direct Property Indexes

45+ SECTOR

MSCI Sector Real Estate Indexes

5+ US REIT

MSCI US REIT Indexes

All indexes of publicly listed real estate in the module have 20 years of history (live and back-tested data). All indexes are constructed using MSCI's consistent methodology and internationally recognized standards for country and sector classifications to provide transparency and replicability.

MSCI REAL ESTATE INDEX MODULE

WHAT'S INCLUDED

Our module reaches beyond traditional sector and REIT indexes to measure real estate market performance more comprehensively, by focusing predominantly on core real estate companies, those involved directly in real estate activities.

We applied MSCI's expertise in factor indexing to our core real estate indexes, creating innovative new indexes that aim to represent the return of certain factors in these indexes.

To provide a view across private real estate, we included "direct property" indexes, which measure the performance of the biggest geographic real estate markets globally.

The module also includes indexes designed to represent the sector performance of REITs and real estate management and development companies. We completed the module with our flagship US equity REIT indexes.

CORE

MSCI CORE REAL ESTATE INDEXES

The MSCI Core Real Estate Indexes measure real estate market performance by targeting "pure" real estate exposure. They focus on core real estate companies, those directly involved in the ownership, development and management of real estate. This set of "pure" real estate indexes are a subset of our global equity benchmark,

the MSCI ACWI Investable Market Index (IMI). The indexes include both REITs and real estate management and development companies. 75% of relevant revenues are required for index eligibility. They exclude companies that are only remotely connected to real estate or are engaged in very specialized sectors.

REAL ESTATE FACTOR

MSCI CORE REAL ESTATE FACTOR INDEXES

These new indexes apply MSCI's factor analysis expertise to our core real estate indexes. These innovative indexes target pure real estate companies and aim to represent the return of certain factors in these indexes. Currently we focus on three of the factors that have historically

earned a persistent premium in the broad market over long periods of time: Low Size, Low Volatility and High Dividend Yield. These indexes can be used to help tilt a portfolio towards these factors and reflect the performance of a factor strategy.

THE SIX KEY FACTORS

| | | |
|----------|---------------------|----------------|
| Low Size | High Dividend Yield | Low Volatility |
| Quality | Value | Momentum |

DIRECT PROPERTY

MSCI IPD® DIRECT PROPERTY INDEXES

The MSCI *IPD* Direct Property Indexes measure the investment returns of the most mature and transparent private property markets around the world. The module includes annual and quarterly direct property indexes for the world's biggest regional and national property markets. Calculated at the property level, they are appraisal based and include stabilized assets. They exclude the impact of debt, fund management fees, taxation and cash on property portfolios.

The MSCI *IPD* Global Property Index, our flagship direct property index, measures the combined performance of the 25 most mature national real estate markets. The index provides transparency of investment returns to property markets globally and enables market level analysis on national markets with regional and sector level segments, as well as city level analysis.

THE MSCI IPD® GLOBAL ANNUAL PROPERTY INDEX REPRESENTS THE AGGREGATION OF 25 HIGHLY GRANULAR AND ROBUST COUNTRY SPECIFIC INDEXES.

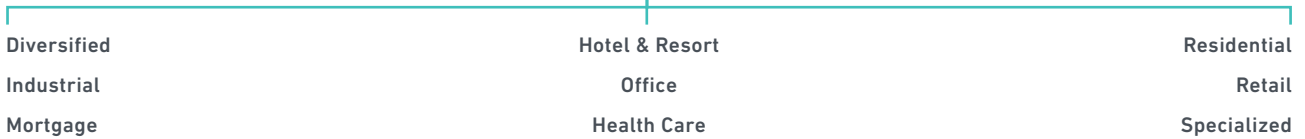
SECTOR

MSCI SECTOR REAL ESTATE INDEXES

The MSCI Sector Real Estate Indexes are free float adjusted market capitalization indexes, constructed using the Global Industry Classification Standard (GICS®). They are comprised of REITs and real estate management

and development companies. The index family is comprised of global, regional, country and industry indexes based on the MSCI Global Investable Market Indexes (IMI).

GICS® REITS INDUSTRY STRUCTURE



US REIT

MSCI US REIT INDEXES

The MSCI US REIT indexes are based on the MSCI USA Investable Market Index (IMI) which captures 99% of large-, mid- and small-cap securities in the United States. The indexes represent the US REIT universe and securities are classified in the REIT sector according to GICS. They exclude Mortgage REITs and selected Specialized REITs.

The world's largest real estate ETF, the Vanguard REIT ETF, has been tracking the MSCI US REIT Index for over 10 years. The ETF had total net assets of over \$55 billion, as of March 31, 2015.

CONTACT US

AMERICAS

| | |
|---------------|----------------------------|
| Americas | 1 888 588 4567 (toll free) |
| Atlanta | + 1 404 551 3212 |
| Boston | + 1 617 532 0920 |
| Chicago | + 1 312 675 0545 |
| Monterrey | + 52 81 1253 4020 |
| New York | + 1 212 804 3901 |
| San Francisco | + 1 415 836 8800 |
| Santiago | + 56 2 2364 4243 |
| São Paulo | + 55 11 3706 1360 |
| Toronto | + 1 416 628 1007 |

EUROPE, MIDDLE EAST & AFRICA

| | |
|-----------|---------------------------|
| Cape Town | + 27 21 673 0100 |
| Frankfurt | + 49 69 133 859 00 |
| Geneva | + 41 22 817 9777 |
| London | + 44 20 7618 2222 |
| Milan | + 39 02 5849 0415 |
| Paris | 0800 91 59 17 (toll free) |

ASIA PACIFIC

| | |
|-------------|-----------------------------|
| China North | 10800 852 1032 (toll free) |
| China South | 10800 152 1032 (toll free) |
| Hong Kong | + 852 2844 9333 |
| Mumbai | + 91 22 6784 9160 |
| Seoul | 00798 8521 3392 (toll free) |

| | |
|-----------|---------------------------|
| Singapore | 800 852 3749 (toll free) |
| Sydney | + 61 2 9033 9333 |
| Taipei | 008 0112 7513 (toll free) |
| Tokyo | + 81 3 5290 1555 |

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[msci.com](https://www.msci.com)

clientservice@msci.com

ABOUT MSCI

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drivers of performance and risk in their portfolios, broad asset class coverage and innovative research. Our line of products and services includes indexes, analytical models, data, real estate benchmarks and ESG

research. MSCI serves 98 of the top 100 largest money managers, according to the most recent P&I ranking. For more information, visit us at www.msci.com.

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AWARD WINNING

