

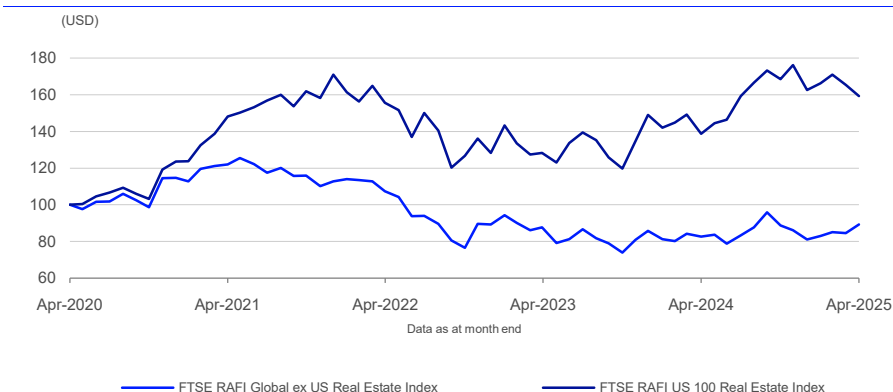
# FTSE RAFI™ Real Estate Indices

Data as at: 30 April 2025

FTSE partners with Research Affiliates on the FTSE RAFI Index Series. Index constituents are weighted using a composite of fundamental factors, including total cash dividends, free cash flow, total sales and book equity value. Prices and market values are not determinants of the index weights. Consequently the indices are less prone to excessive concentration arising from market fads, which can result in over-exposure to individual companies, sectors or countries.

The FTSE RAFI Real Estate Indices comprise the FTSE RAFI Global Real Estate ex US Index and the FTSE RAFI Real Estate US 100 Index. The FTSE RAFI Real Estate Global ex US Index is made up of 150 companies with the largest RAFI fundamental scores selected from the constituents of the FTSE Global All Cap ex US Index, which are classified by the Industry Classification Benchmark (ICB) as Real Estate (ICB Real Estate (3510) and Mortgage Real Estate Investment Trusts (302030)). The FTSE RAFI Real Estate US 100 Index comprises the 100 US companies with the largest RAFI fundamental scores selected from the constituents of the FTSE USA All Cap Index, which are classified by the ICB as Real Estate (ICB Real Estate (3510) and Mortgage Real Estate Investment Trusts (302030)).

## 5-Year Performance - Total Return



## Performance and Volatility - Total Return

Index (USD)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE RAFI Global ex US Real Estate Index	7.5	0.4	9.9	7.9	-16.9	-10.8	-6.0	-2.3	17.8	20.1	19.0
FTSE RAFI US 100 Real Estate Index	-4.2	-5.5	-2.1	14.8	2.3	59.3	0.8	9.8	18.5	21.3	20.8

\* Compound annual returns measured over 3 and 5 years respectively

\*\* Volatility – 1YR based on 12 months daily data. 3YR based on weekly data (Wednesday to Wednesday). 5YR based on monthly data

## Year-on-Year Performance - Total Return

Index % (USD)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
FTSE RAFI Global ex US Real Estate Index	-2.5	2.7	36.3	-12.5	23.4	-13	-1.6	-21	-3.9	-5.4
FTSE RAFI US 100 Real Estate Index	-1	10.8	9.3	-4.8	24	-9.1	38.3	-24.9	16	9.2

## FEATURES

### Coverage

The indexes comprise the top 150 and 100 stocks with the largest RAFI fundamental scores selected from constituents classified as per the ICB Real Estate Supersector in the FTSE Global All Cap ex US Index and FTSE USA All Cap Index, respectively.

### Objective

The indexes are designed for the creation of index tracking funds, derivatives and as a performance benchmark.

### Liquidity

Stocks are screened to ensure that the indexes are tradable.

### Transparency

Index methodologies are freely available on the FTSE Russell website.

### Availability

The indexes are calculated based on price and total return methodologies, both real time and end-of-day.

### Industry Classification Benchmark (ICB)

Index constituents are categorized in accordance with the Industry Classification Benchmark (ICB), the global standard for industry sector analysis.

### Methodology

See [www.ftserussell.com](http://www.ftserussell.com) for a full explanation of the FTSE RAFI methodology.

Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE RAFI Global ex US Real Estate Index	0.4	-0.3	-0.1	-0.1	-21.8	-32.2	-43.8	-45.4
FTSE RAFI US 100 Real Estate Index	0.8	0.0	0.5	0.3	-18.3	-26.8	-32.9	-48.0

Return/Risk Ratio – based on compound annual returns and volatility in Performance and Volatility table  
Drawdown - based on daily data

Top 10 Constituents - FTSE RAFI Real Estate Global ex US Index

Constituent	Country/Market	ICB Subsector	Net MCap (USDm)	Wgt %
Mitsui Fudosan	Japan	Real Estate Holding and Development	51,985	5.58
Mitsubishi Estate	Japan	Real Estate Holding and Development	40,292	4.32
China Resources Land (Red Chip)	China	Real Estate Holding and Development	31,863	3.42
Vonovia SE	Germany	Real Estate Holding and Development	28,125	3.02
Sumitomo Realty & Development	Japan	Real Estate Holding and Development	26,842	2.88
China Overseas Land & Inv (Red Chip)	China	Real Estate Holding and Development	25,097	2.69
Sunac China Holdings (P Chip)	China	Real Estate Holding and Development	24,391	2.62
China Vanke (H)	China	Real Estate Holding and Development	21,731	2.33
Sun Hung Kai Properties	Hong Kong	Real Estate Holding and Development	20,813	2.23
Longfor Group Holdings (P Chip)	China	Real Estate Holding and Development	17,260	1.85
Totals			288,398	30.95

Top 10 Constituents - FTSE RAFI US 100 Real Estate Index

Constituent	ICB Subsector	Net MCap (USDm)	Wgt %
American Tower Corp	Infrastructure REITs	73,991	6.69
Crown Castle Inc	Infrastructure REITs	53,314	4.82
CBRE Group	Real Estate Services	42,755	3.87
Prologis	Industrial REITs	42,542	3.85
Digital Realty Trust	Other Specialty REITs	34,025	3.08
Simon Property Group	Retail REITs	32,864	2.97
Welltower Inc.	Health Care REITs	31,918	2.89
Equinix Inc	Other Specialty REITs	28,270	2.56
Weyerhaeuser	Timber REITs	28,054	2.54
Annaly Capital Management	Mortgage REITs: Residential	25,170	2.28
Totals		392,903	35.54

Index Characteristics

Attributes	FTSE RAFI Global ex US Real Estate	FTSE RAFI US 100 Real Estate
Number of constituents	154	101
Dividend Yield %	4.04	4.92
Constituent (Wgt %)		
Average	0.65	0.99
Largest	5.58	6.69
Median	0.39	0.57
Top 10 Holdings (Wgt %)	30.95	35.54

INFORMATION

Index Universe

FTSE Global Equity Index Series

Index Launch

19 November 2007

Base Date

30 September 2005

Base Value

5000

Index Calculation

Real-time and end-of-day indexes available

End-of-Day Distribution

Via FTP and email

Currency

USD (real-time), EUR, GBP, JPY, AUD, Local

Review Dates

Annually in March



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