

PRODUCT SPECIFICATION

FTSE RAFI Index Series
FTSE RAFI Real Estate Indices
Valuation Service



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INDEX SPECIFICATION

INDEX DESCRIPTION

- The FTSE RAFI Index Series, calculated in association with Research Affiliates is a family of indices using specific fundamental factors that weights index constituents, rather than market capitalization. The weights are therefore not dependant upon price-based stock market based valuations.

INDEX ATTRIBUTES

- The following index table shows the specifications of the index and the attributes.

Index Specification	Attribute
Index Name	FTSE RAFI Real Estate Global ex US Index FTSE RAFI Real Estate US 100 Index
Base Index Date	19 March 2007
Base Index Value	5000
Base Index Currency	USD
Base Currency Date	30 September 2005

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code (Marker)
FTSE RAFI Global ex US Real Estate Index	FRXR
FTSE RAFI US 100 Real Estate Index	FRUR

FILE NAME

File Name	File Name and Extension
FTSE RAFI Real Estate Indices Valuation Service (*Where <i>ddmm</i> is effective date and month)	<i>rrevddmm.csv</i>

FILE DDS PATH

http://data.ftse.com/rafi/rafi_real_estate_valuations

SERVICE TIMING

Available 23:30 hours GMT (Greenwich Mean Time) or BST (British Summertime) as applicable.

PRODUCT SPECIFICATION

FILE CONTENT

- FTSE RAFI Real Estate Indices Valuation Service (*rrevddmm.csv*)

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	Sector or Index identification code	FRUR		String	Y
Index/Sector Name	Name of index or industry sector	"FTSE RAFI US Real Estate Index"		String	Y
Number of constituents	Total number of constituents within index	97		Integer	Y
US dollar index	US dollar index value	4118.20	2	Float	Y
Sterling index	Sterling index value	3585.31	2	Float	Y
Euro index	Euro index value	3507.52	2	Float	Y
Japanese yen index	Japanese yen index value	4236.11	2	Float	Y
Australian index	Australian index value	3554.93	2	Float	Y
Base currency index	Base index value	4118.20	2	Float	Y
US dollar TRI	US dollar total return index value	4245.05	2	Float	Y
Sterling TRI	Sterling total return index value	3695.74	2	Float	Y
Euro TRI	Euro total return index value	3615.56	2	Float	Y
Japanese yen TRI	Japanese yen total return index value	4366.59	2	Float	Y
Australian TRI	Australian total return index value	3664.43	2	Float	Y
Base currency TRI	Base total return index value	4245.05	2	Float	Y
Mkt Cap (USD)	Market Capitalisation in currency specified in millions at index close	17601.440685	6	Float	Y
Mkt Cap (Sterling)	Market Capitalisation in currency specified in millions at index close	8662.549033	6	Float	Y
Mkt Cap (Euro)	Market Capitalisation in currency specified in millions at index close	12433.833715	6	Float	Y
Mkt Cap (Yen)	Market Capitalisation in currency specified in millions at index close	2052063.962313	6	Float	Y
Mkt Cap (AUD)	Market Capitalisation in currency specified in millions at index close	19896.492536	6	Float	Y
Mkt Cap (Base Index)	Market Capitalisation in currency specified in millions at index close	17601.440685	6	Float	Y
XD adjustment (YTD)	Ex-dividend adjustment year to date	138.033	3	Float	N
Dividend yield	Dividend Yield	7.64%	2	Percentage	Y

FILE EXAMPLE

- **rrevddmm.csv**

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FTSE RAFI Real Estate Indices Valuation Service

Index Code,Index/Sector Name,Number of constituents,US dollar index,Sterling index,Euro index,Japanese yen index,Australian index,Base currency index,US dollar TRI,Sterling TRI,Euro TRI,Japanese yen TRI,Australian TRI,Base currency TRI,Mkt Cap (USD),Mkt Cap (Sterling),Mkt Cap (Euro),Mkt Cap (Yen),Mkt Cap (AUD),Mkt Cap (Base Index),XD adjustment (YTD),Dividend yield
FRSDEURS,"FTSE RAFI Developed Europe Mid Small 1500 Index",642,5489.76,4786.66,4806.61,5931.25,4851.32,5489.76,5573.79,4859.93,4880.19,6022.04,4925.58,5573.79,292456.583244,144151.849881,212379.046186,35812770.901198,338433.682696,292456.583244,80.789,2.02%
XXXXXXXXXX

EXCHANGE RATES FILE SPECIFICATION

An Exchange Rates file is provided free of charge with this service.

File Name	File Name and Extension
FTSE Exchange Rates File	WIXR <i>ddmm</i> .csv*

(* where *ddmm* is effective date and month)

FILE CONTENT

Field	Description	Decimal Places
Date	ddmmyyyy format	
ISO Currency Code	Currency code	
USD Exchange Rate	USD exchange rate used for calculation (WM/Reuters closing rates)	Up to 6

(*where *ddmmyyyy* is effective date, month and year)

FILE EXAMPLE

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FTSE Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate

01/12/2007,ARS,3.081250
01/12/2007,ATS,10.640100
01/12/2007,AUD,1.278040
01/12/2007,BEF,31.192650
01/12/2007,BRL,2.142700
01/12/2007,CAD,1.170500
01/12/2007,CHF,1.247000
01/12/2007,CLP,539.900000
01/12/2007,CNY,7.798400
01/12/2007,COP,2218.600000
01/12/2007,CZK,21.502050
XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 1.0 - Initial Product Specification - November 2007

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