

PRODUCT SPECIFICATION

FTSE RAFI Index Series
Constituents 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. The FTSE RAFI Index Series consists of two headline and 22 developed country market indices.

INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Names	FTSE RAFI Top Level Indices FTSE RAFI US 1000 Index FTSE RAFI Developed ex US 1000 Index FTSE RAFI Country Indices FTSE RAFI Australia Index FTSE RAFI Austria Index FTSE RAFI Belgium / Luxembourg Index FTSE RAFI Canada Index FTSE RAFI Denmark Index FTSE RAFI Finland Index FTSE RAFI France Index FTSE RAFI Germany Index FTSE RAFI Greece Index FTSE RAFI Hong Kong, China Index FTSE RAFI Ireland Index FTSE RAFI Italy Index FTSE RAFI Japan Index FTSE RAFI Netherlands Index FTSE RAFI Norway Index FTSE RAFI New Zealand Index FTSE RAFI Portugal Index FTSE RAFI Singapore Index FTSE RAFI Spain Index FTSE RAFI Sweden Index FTSE RAFI Switzerland Index FTSE RAFI UK
Base Index Date	30 September 2005
Base Index Value	5000
Base Index Currency	Top Level Indices - USD Country Indices – Local Currency
Base Currency Date	30 September 2005

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code (Marker)
FTSE RAFI US 1000 Index	FR10
FTSE RAFI Developed ex US 1000 Index	FRX1
FTSE RAFI Australia Index	FRAUS
FTSE RAFI Austria Index	FRAUT
FTSE RAFI Belgium / Luxembourg Index	FRBEL
FTSE RAFI Canada Index	FRCAN
FTSE RAFI Denmark Index	FRDEN
FTSE RAFI Finland Index	FRFIN
FTSE RAFI France Index	FRFRA
FTSE RAFI Germany Index	FRDEU
FTSE RAFI Greece Index	FRGRC
FTSE RAFI Hong Kong, China Index	FRHKG
FTSE RAFI Ireland Index	FRIRL
FTSE RAFI Italy Index	FRITA
FTSE RAFI Japan Index	FRJPN
FTSE RAFI Netherlands Index	FRNLD
FTSE RAFI Norway Index	FRNOR
FTSE RAFI New Zealand Index	FRNZL
FTSE RAFI Portugal Index	FRPTL
FTSE RAFI Singapore Index	FRSGP
FTSE RAFI Spain Index	FRESP
FTSE RAFI Sweden Index	FRSWE
FTSE RAFI Switzerland Index	FRCHE
FTSE RAFI UK Index	FRGBR

FILE NAME

File Name	File Name and Extension
FTSE RAFI US 1000 Constituent Service	raucddmm.csv
FTSE RAFI Developed ex US 1000 Constituent Service	raxcddmm.csv

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

FILE DDS PATH

<http://data.ftse.com/rafi/constituents>

SERVICE TIMING

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

PRODUCT SPECIFICATION

FILE CONTENT

- FTSE RAFI US 1000 Constituent Service (*raucddmm.csv*)
- FTSE RAFI Developed ex US 1000 Constituent Service (*raxcddmm.csv*)

Field	Description	Example	Decimal Places
Cons code	Constituent identification code	C01886	
SEDOL	Constituent SEDOL code	2002305	
CUSIP	CUSIP code	2824100	
Constituent name	Name of index constituent	Abbott Laboratories	
Country code	Country code for constituent	USA	
ISO code	ISO currency code for constituent	USD	
Exchange code	Exchange code for Security	NAY	
Price	Closing price in local currency	42.640000	6
Shares in issue	Number of shares in index	1549930306	0
Weighting	Percentage of market capitalisation included in the indices	100.000000%	6
Industry	FTSE ICB Industry identifier (4 digit code)	4000	
Supersector	FTSE ICB Supersector identifier (4 digit code)	4500	
Sector	FTSE ICB Sector identifier (4 digit code)	4530	
Subsector	FTSE ICB Subsector identifier (4 digit code)	4537	
Dividend Yield	Dividend Yield (%)	2.58	2
Mkt Cap (USD) before investibility weight	Market Capitalisation in USD millions at index close before applying investibility weight restraint factor	66089.028248	6
Mkt Cap (USD) after investibility weight	Market Capitalisation in USD millions at index close after applying investibility weight restraint factor	66089.028248	6
RAFI factor	RAFI fundamental weight factor	0.275982	6
Mkt Cap (USD) after RAFI factor	Market Capitalisation in USD millions at index close after applying RAFI fundamental weight factor	18239.390191	6
% wght RAFI	% weight within the relevant FTSE RAFI Index	0.43%	6
FTSE RAFI Index Marker	FTSE RAFI indexes of which company is a constituent	FR10	
Large/Medium/Small classification	Large Cap, Medium Cap or Small Cap Identifier	L	
Local Market Code	Local Market Code (Ticker); rauc file only	GUS	

FILE EXAMPLE

- **raucddmm.csv**

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FTSE RAFI US 1000 Constituent Service

Cons code,SEDOL,CUSIP,Constituent name,Country code,ISO code,Exchange code,Price,Shares in issue,Weighting,Industry,Supersector,Sector,Subsector,Dividend Yield,Mkt Cap (USD) before investibility weight,Mkt Cap (USD) after investibility weight,RAFI factor,Mkt Cap (USD) after RAFI factor,% wght RAFI,FTSE RAFI Index Marker,Large/Medium/Small classification
C01886,2002305,002824100,"Abbott Laboratories",USA,USD,NAY,42.640000,1549930306,100.000000%,4000,4500,4530,4537,2.58,66089.028248,66089.028248,0.275982,18239.390191,0.432782%,FR10,L,GUS
XXXXXXXXXX

- **raxcddmm.csv**

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Cons code,SEDOL,CUSIP,Constituent name,Country code,ISO code,Exchange code,Price,Shares in issue,Weighting,Industry,Supersector,Sector,Subsector,Dividend Yield,Mkt Cap (USD) before investibility weight,Mkt Cap (USD) after investibility weight,RAFI factor,Mkt Cap (USD) after RAFI factor,% wght RAFI,FTSE RAFI Index Marker,Large/Medium/Small classification
C00007,6123451,,,"Coca-Cola Amatil",AU,AUD,AAS,7.430000,743433000,75.000000%,3000,3500,3530,3537,3.97,4160.044577,3120.033433,0.448892,1400.557879,0.026958%,FRX1,L
XXXXXXXXXX

EXCHANGE RATES FILE SPECIFICATION

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

FILE NAME

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 *dd/mm/yyyy* is effective date, month and year)

FILE EXAMPLE

10/06/2004(C) FTSE International Limited 2004. All Rights Reserved
FTSE Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate

06/10/2004,ARS,2.960000
06/10/2004,ATS,11.379200
06/10/2004,AUD,1.433200
06/10/2004,BEF,33.359500
06/10/2004,BRL,3.110500
06/10/2004,CAD,1.358600
06/10/2004,CHF,1.247200
06/10/2004,CLP,650.550000
06/10/2004,CNY,8.276700
06/10/2004,COP,2732.475000
06/10/2004,CZK,25.916900
XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 1.0 - Initial Product Specification - September 2005
- Version 1.1 - Update index names (rauc, raxc); add Local Market Codes to file (rauc) - July 2006

FTSE CONTACT DETAILS

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