

PRODUCT SPECIFICATION

FTSE RAFI Index Series
Open 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 Open Constituent Service	rauoddmm.csv
FTSE RAFI Developed ex US 1000 Open Constituent Service	raxoddmm.csv

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

FILE DDS PATH

http://data.ftse.com/rafi/open_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 Open Constituent Service (*rauoddmm.csv*)
- FTSE RAFI Developed ex US 1000 Open Constituent Service (*raxoddmm.csv*)

Field	Description	Example	Decimal Places
Cons code	Constituent identification code	C02979	
SEDOL	Constituent SEDOL code	2261526	
CUSIP	CUSIP code	24702R101	
Constituent name	Name of index constituent	Dell	
Country code	Country code for constituent	USA	
ISO code	ISO currency code for constituent	USD	
Exchange code	Exchange code for Security	NAO	
Price	Closing price in local currency	32.930000	6
Shares in issue	Number of shares in index	2459004000	0
Weighting	Percentage of market capitalisation included in the indices	100.00%	0
Industry	FTSE ICB Industry identifier (4 digit code)	9000	
Supersector	FTSE ICB Supersector identifier (4 digit code)	9500	
Sector	FTSE ICB Sector identifier (4 digit code)	9570	
Subsector	FTSE ICB Subsector identifier (4 digit code)	9572	
Dividend Yield	Dividend Yield (%)	0	2
Mkt Cap (USD) before investibility weight	Market Capitalisation in USD millions at index close before applying investibility weight restraint factor	80975.001720	6
Mkt Cap (USD) after investibility weight	Market Capitalisation in USD millions at index close after applying investibility weight restraint factor	80975.001720	6
RAFI factor	RAFI fundamental weight factor	0.146924	6
Mkt Cap (USD) after RAFI factor	Market Capitalisation in USD millions at index close after applying RAFI fundamental weight factor	11897.140540	6
% wght RAFI	Intentionally Left Blank		
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); rauo file only	Del	

FILE EXAMPLE

- rauoddm.csv

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FTSE RAFI US 1000 Open 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,RAFI Index Marker,Large/Medium/Small classification
C02979,2261526,24702R101,Dell,USA,USD,NAO,32.93,2459004000,100.00%,9000,9500,9570,9572,0,80975.00172,80975.00172,0.146924,11897.14054,,FR10,L,DEL
XXXXXXXXXX

- raxoddm.csv

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FTSE RAFI Developed ex US 1000 Open 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,RAFI Index Marker,Large/Medium/Small classification
C00989,6793780,,Seiyu,JA,JPY,FJT,248,715780899,75.00%,5000,5300,5330,5337,0,1555.363734,1166.5228,1.528885,1783.479527,,FRX1,M
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.ddmm.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 (rauo, raxo); add Local Market Codes to file (rauo) - July 2006

FTSE CONTACT DETAILS

Europe

London

FTSE
12th Floor
10 Upper Bank Street
Canary Wharf
London E14 5NP
Tel: +44 (0)20 7866 1810
Fax: +44 (0)20 7866 8958

Frankfurt

FTSE
Nibelungenplatz 3
60318 Frankfurt
Germany
Tel: +49 69 156 85144
Fax: +49 69 555 743

Paris

FTSE
40 rue la Boetie
Paris 75008
France
Tel: +33 (0)1 53 76 82 88
Fax: +33 (0)1 53 76 82 71

Madrid

FTSE
Paseo de la Castellana, 66
28046 Madrid
Spain
Tel: +34 91 411 37 87
Fax: +34 679 47 65 60

Client Services and General Enquiries

Tel: +44 (0)20 7866 1810
E-mail: info@ftse.com

Asia Pacific

Hong Kong

FTSE
Suite 2903-2909
29th Floor
Two International Finance Centre
No.8 Finance Street
Central, Hong Kong
Tel: +852 2230 5800
Fax: +852 2230 5804

Tokyo

FTSE
Yamato Seimei Building 21F
1-1-7 Uchisaiwaicho
Chiyoda-Ku
Tokyo
Tel: +81 3 3581 2811
Fax: +81 3 3581 1423

Client Services and General Enquiries

Tel: +852 2230 5800
E-mail: info@ftse.com

Americas

New York

FTSE Americas Inc.
1330 Avenue of The Americas
10th Floor
New York 10019
USA
Tel: +(1) 212 641 6160
Fax: +(1) 212 641 6190

San Francisco

FTSE Americas Inc.
Suite 200
251 Post Street
San Francisco, Calif. 94108
USA
Tel: +(1) 415 445 5660
Fax: +(1) 415 445 5666