

PRODUCT SPECIFICATION

FTSE RAFI Index Series
FTSE RAFI US 1000 Industry 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.

INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Names	FTSE RAFI US 1000 Oil & Gas FTSE RAFI US 1000 Basic Materials FTSE RAFI US 1000 Industrials FTSE RAFI US 1000 Consumer Goods FTSE RAFI US 1000 Health Care FTSE RAFI US 1000 Consumer Services FTSE RAFI US 1000 Telecommunications & Technology FTSE RAFI US 1000 Utilities FTSE RAFI US 1000 Financials
Base Index Date	30 December 2005
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 US 1000 Oil & Gas	FR100001
FTSE RAFI US 1000 Basic Materials	FR101000
FTSE RAFI US 1000 Industrials	FR102000
FTSE RAFI US 1000 Consumer Goods	FR103000
FTSE RAFI US 1000 Health Care	FR104000
FTSE RAFI US 1000 Consumer Services	FR105000
FTSE RAFI US 1000 Telecommunications & Technology	FR106000
FTSE RAFI US 1000 Utilities	FR107000
FTSE RAFI US 1000 Financials	FR108000

FILE NAME

File Name	File Name and Extension
FTSE RAFI US 1000 Industry Open Constituent Service (*Where <i>ddmm</i> is effective date and month)	<i>raioddmm.csv</i>

FILE DDS PATH

http://data.ftse.com/rafi/rafi_1000_industry_opening_cons

SERVICE TIMING

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

PRODUCT SPECIFICATION

FILE CONTENT

- FTSE RAFI Industry Open Constituent Service (*raioddmm.csv*)

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons code	Constituent identification code	C01886		String	Y
SEDOL	Constituent SEDOL code	2002305		String	Y
CUSIP	CUSIP code	002824100		String	Y
Constituent name	Name of index constituent	Abbott Laboratories		String	Y
Country code	Country code for constituent	USA		String	Y
ISO code	ISO currency code for constituent	USD		String	Y
Exchange code	Exchange code for Security	NAY		String	Y
Price	Closing price in local currency	41.130000	6	Float	Y
Shares in issue	Number of shares in index	1549930306	0	Integer	Y
Weighting	Percentage of market capitalisation included in the indices	100.000000%	6	Percentage	Y
Industry Code	FTSE ICB Industry identifier (4 digit code)	4000		Integer	Y
Supersector Code	FTSE ICB Supersector identifier (4 digit code)	4500		Integer	Y
Sector Code	FTSE ICB Sector identifier (4 digit code)	4570		Integer	Y
Subsector Code	FTSE ICB Subsector identifier (4 digit code)	4577		Integer	Y
Dividend Yield	Dividend Yield	2.87	2	Float	Y
Mkt Cap (USD) before investibility weight	Market Capitalisation in USD millions at index close before applying investibility weight restraint factor	63748.633486	6	Float	Y
Mkt Cap (USD) after investibility weight	Market Capitalisation in USD millions at index close after applying investibility weight restraint factor	63748.633486	6	Float	Y
RAFI factor	RAFI fundamental weight factor	0.672045	6	Float	Y
Mkt Cap (USD) after RAFI factor	Market Capitalisation in USD millions at index close after applying RAFI fundamental weight factor	42841.929928	6	Float	Y
% wgt FTSE RAFI US 1000 Oil & Gas	Intentionally Left Blank		6	Percentage	N
% wgt FTSE RAFI US 1000 Basic Materials	Intentionally Left Blank		6	Percentage	N
% wgt FTSE RAFI US 1000 Industrials	Intentionally Left Blank		6	Percentage	N
% wgt FTSE RAFI US 1000 Consumer Goods	Intentionally Left Blank		6	Percentage	N
% wgt FTSE RAFI US 1000 Health Care	Intentionally Left Blank		6	Percentage	N
% wgt FTSE RAFI US 1000 Consumer Services	Intentionally Left Blank		6	Percentage	N
% wgt FTSE RAFI US 1000 Telecom & Tech	Intentionally Left Blank		6	Percentage	N
% wgt FTSE RAFI US 1000 Utilities	Intentionally Left Blank		6	Percentage	N
% wgt FTSE RAFI US 1000 Financials	Intentionally Left Blank		6	Percentage	N
RAFI Index Marker	FTSE RAFI indexes of which company is a constituent	FR10		String	Y
Large/Medium/Small classification	Large Cap, Medium Cap or Small Cap Identifier	L		String	Y

FILE EXAMPLE

- **raioddmm.csv**

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FTSE RAFI Industry Open Constituent Service

Cons code,SEDOL,CUSIP,Constituent name,Country code,ISO code,Exchange code,Price,Shares in issue,Weighting,Industry Code,Supersector Code,Sector Code,Subsector Code,Dividend Yield,Mkt Cap (USD) before investibility weight,Mkt Cap (USD) after investibility weight,RAFI factor,Mkt Cap (USD) after RAFI factor,% wght RAFI US 1000 Oil & Gas,% wght RAFI US 1000 Basic Materilas,% wght RAFI US 1000 Industrials,% wght RAFI US 1000 Consumer Goods,% wght RAFI US 1000 Health Care,% wght RAFI US 1000 Consumer Services,% wght RAFI US 1000 Telecom & Tech,% wght RAFI US 1000 Utilities,% wght RAFI US 1000 Financials,RAFI Index Marker,Large/Medium/Small classification
C02121,2445063,444859102,"Humana",USA,USD,NAY,47.000000,162419400,100.000000%,4000,4500,4530,4533,0.00,7633.711800,7633.711800,0.952016,7267.417536,,,,,,,,,FR10,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 - March 2006

FTSE CONTACT DETAILS

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