



PRODUCT SPECIFICATION

FTSE EPRA/NAREIT GLOBAL REAL ESTATE INDEX SERIES
DEVELOPED MARKETS INDICES
FTSE EPRA/NAREIT Index Series REITs and Non-REITs
Opening Constituent Service



National Association of Real Estate Investment Trusts®
REITs: Building Dividends and Diversification

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INDEX SPECIFICATION

INDEX DESCRIPTION

- The FTSE EPRA/NAREIT Index Series REITs and Non-REITs are a sub-set of the FTSE EPRA/NAREIT Global Series that launched in February 2005. The REITs and Non-REITs Index Series will give investors the capability to view each constituent's classification within the EPRA/NAREIT universe according to REIT legislation. The FTSE EPRA/NAREIT Index Series REITs and Non-REITs will consist of 5 of the key indices split in to both REITs and Non-REITs indices plus 22 individual countries split into both REITs and Non-REITs indices, giving a total of 54 individual indices. The series will be provided as end of day products.

INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Codes (Markers)	ERGL, ERXA, ERXE, ERXU, ERAS, ENRG, ENXA, ENXE, ENXU, ENAS, ENAUR, ENAUNR, ENASR, ENASNR, ENBLR, ENCAR, ENCANR, ENDKR, ENDKNR, ENFIR, ENFINR, ENFRR, ENFRNR, ENGRR, ENGRNR, ENGCR, ENGCRNR, ENHKR, ENHKNR, ENIRR, ENIRNR, ENITR, ENITNR, ENJPR, ENJPNR, ENNLR, ENNLNR, ENNZR, ENNZNR, ENNKR, ENNKNR, ENPTR, ENPTNR, ENSIR, ENSINR, ENSPR, ENSPNR, ENSDR, ENSDNR, ENSWR, ENSWNR, ENUSR, ENUSNR
Base Date	10/03/2006
Base Index Currency	Local
Base Value	1000

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code
FTSE EPRA/NAREIT Developed REITs Index	ERGL
FTSE EPRA/NAREIT Developed ex Asia REITs Index	ERXA
FTSE EPRA/NAREIT Developed ex Europe REITs Index	ERXE
FTSE EPRA/NAREIT Developed ex US REITs Index	ERXU
FTSE EPRA/NAREIT Developed Asia REITs Index	ERAS
FTSE EPRA/NAREIT Developed Non-REITs Index	ENRG
FTSE EPRA/NAREIT Developed ex Asia Non-REITs Index	ENXA
FTSE EPRA/NAREIT Developed ex Europe Non-REITs Index	ENXE
FTSE EPRA/NAREIT Developed ex US Non-REITs Index	ENXU
FTSE EPRA/NAREIT Developed Asia Non-REITs Index	ENAS
FTSE EPRA/NAREIT Australia REITs Index	ENAU
FTSE EPRA/NAREIT Australia Non-REITs Index	ENAU
FTSE EPRA/NAREIT Austria REITs Index	ENAS
FTSE EPRA/NAREIT Austria Non-REITs Index	ENAS
FTSE EPRA/NAREIT Belgium/Luxembourg REITs Index	ENBL
FTSE EPRA/NAREIT Belgium/Luxembourg Non-REITs Index	ENBL
FTSE EPRA/NAREIT Canada REITs Index	ENCA
FTSE EPRA/NAREIT Canada Non-REITs Index	ENCA
FTSE EPRA/NAREIT Denmark REITs Index	ENDK
FTSE EPRA/NAREIT Denmark Non-REITs Index	ENDK
FTSE EPRA/NAREIT Finland REITs Index	ENFI
FTSE EPRA/NAREIT Finland Non-REITs Index	ENFI
FTSE EPRA/NAREIT France REITs Index	ENFR
FTSE EPRA/NAREIT France Non-REITs Index	ENFR
FTSE EPRA/NAREIT Germany REITs Index	ENGR
FTSE EPRA/NAREIT Germany Non-REITs Index	ENGR
FTSE EPRA/NAREIT Greece REITs Index	ENGCR
FTSE EPRA/NAREIT Greece Non-REITs Index	ENGCR
FTSE EPRA/NAREIT Hong Kong REITs Index	ENHK
FTSE EPRA/NAREIT Hong Kong Non-REITs Index	ENHK
FTSE EPRA/NAREIT Ireland REITs Index	ENIR
FTSE EPRA/NAREIT Ireland Non-REITs Index	ENIR
FTSE EPRA/NAREIT Italy REITs Index	ENIT
FTSE EPRA/NAREIT Italy Non-REITs Index	ENIT
FTSE EPRA/NAREIT Japan REITs Index	ENJP
FTSE EPRA/NAREIT Japan Non-REITs Index	ENJP
FTSE EPRA/NAREIT Netherlands REITs Index	ENNL
FTSE EPRA/NAREIT Netherlands Non-REITs Index	ENNL
FTSE EPRA/NAREIT New Zealand REITs Index	ENNZ
FTSE EPRA/NAREIT New Zealand Non-REITs Index	ENNZ
FTSE EPRA/NAREIT Norway REITs Index	ENNR
FTSE EPRA/NAREIT Norway Non-REITs Index	ENNR
FTSE EPRA/NAREIT Portugal REITs Index	ENPT
FTSE EPRA/NAREIT Portugal Non-REITs Index	ENPT
FTSE EPRA/NAREIT Singapore REITs Index	ENSIR
FTSE EPRA/NAREIT Singapore Non-REITs Index	ENSIR
FTSE EPRA/NAREIT Spain REITs Index	ENSP
FTSE EPRA/NAREIT Spain Non-REITs Index	ENSP
FTSE EPRA/NAREIT Sweden REITs Index	ENSD

FTSE EPRA/NAREIT Sweden Non-REITs Index	ENSDNR
FTSE EPRA/NAREIT Switzerland REITs Index	ENSWR
FTSE EPRA/NAREIT Switzerland Non-REITs Index	ENSWNR
FTSE EPRA/NAREIT United States REITs Index	ENUSR
FTSE EPRA/NAREIT United States Non-REITs Index	ENUSNR

FILE NAME

File Name	File Name and Extension
FTSE EPRA NAREIT Index Series REITs and Non-REITs Opening Constituent Service	erno <i>ddmm</i> .csv

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

DDS FILE PATH

http://data.ftse.com/epra_nareit/opening_cons

SERVICE TIMING

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

PRODUCT SPECIFICATION

FILE CONTENT

- FTSE EPRA NAREIT Index Series REITs and Non-REITs Opening Constituent Service
(*ernodmm.csv*)

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons code	Constituent identification code	C00043		Cons-Leading C	Y
ISIN CODE	Constituent ISIN code	AU000000GPT8		String	Y
SEDOL	Constituent SEDOL code	6365866		SEDOL	Y
CUSIP	CUSIP code			String	N
Constituent name	Name of index constituent	GPT Group		String	Y
ISO Country Code	ISO country code for constituent	AU		String	Y
ISO Currency Code	ISO currency code for constituent	AUD		String	Y
MIC Exchange code	Exchange code for Security	XASX		String	Y
Price	Closing price in local currency	4.12	6	Float	Y
Shares in Issue	Number of shares in index	2.02E+09	0	Integer	Y
Weighting	Percentage of market capitalisation included in the indices	100.00%	6	Percentage	Y
Industry Code	FTSE ICB Industry identifier (4 digit code)	8000		String	Y
Supersector Code	FTSE ICB Supersector identifier (4 digit code)	8700		String	Y
Sector Code	FTSE ICB Sector identifier (4 digit code)	8730		String	Y
Subsector Code	FTSE ICB Subsector identifier (4 digit code)	8737	2	Percentage	Y
Gross Dividend Yield	Dividend Yield (%)	5.92%	2	Percentage	Y
Mkt Cap (EUR) before investibility weight	Market Capitalisation in EUR millions at index close before applying investibility weight restraint factor	4876.337	6	Float	Y
Mkt Cap (EUR) after investibility weight	Market Capitalisation in EUR millions at index close after applying investibility weight restraint factor	4876.337	6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Global REITs Index	Intentionally left blank	1.27%	6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Global ex Asia REITs Index	Intentionally left blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Global ex Europe REITs Index	Intentionally left blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Global ex US REITs Index	Intentionally left blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Asia REITs Index	Intentionally left blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Global Non-REITs Index	Intentionally left blank		6	Percentage blank if 0	
% Wt FTSE EPRA/NAREIT Global ex Asia Non-REITs Index	Intentionally left blank		6	Percentage blank if 0	
% Wt FTSE EPRA/NAREIT Global ex Europe Non-REITs Index	Intentionally left blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Global ex US Non-REITs Index	Intentionally left blank		6	Percentage blank if 0	N
% Wt FTSE EPRA/NAREIT Asia Non-REITs Index	Intentionally left blank		6	Percentage blank if 0	N
% Wt Country	Intentionally left blank	2.443680%	6	Percentage blank if 0	N
Index Marker	FTSE EPRA/NAREIT REITs and Non REITs indexes of which company is a constituent	ERAS ERGL ERXE ERXU	6	String	N

File Example

27/03/2006 (C) FTSE International Limited 2006. All Rights Reserved
FTSE EPRA NAREIT Index Series REITs and Non-REITs Constituent Service

Cons code,ISIN CODE,SEDOL,CUSIP,Constituent name,ISO Country Code,ISO
Currency Code,MIC Exchange Code,Price,Shares in Issue,Weighting,Industry
Code,Supersector Code,Sector Code,Subsector Code,Gross Dividend Yield,Mkt Cap
(EUR) before investibility weight,Mkt Cap (EUR) after investibility weight,%
Wt FTSE EPRA/NAREIT Global REITs Index,% Wt FTSE EPRA/NAREIT Global ex Asia
REITs Index,% Wt FTSE EPRA/NAREIT Global ex Europe REITs Index,% Wt FTSE
EPRA/NAREIT Global ex US REITs Index,% Wt FTSE EPRA/NAREIT Asia REITs Index,%
Wt FTSE EPRA/NAREIT Global Non-REITs Index,% Wt FTSE EPRA/NAREIT Global ex
Asia Non-REITs Index,% Wt FTSE EPRA/NAREIT Global ex Europe Non-REITs Index,%
Wt FTSE EPRA/NAREIT Global ex US Non-REITs Index,% Wt FTSE EPRA/NAREIT Asia
Non-REITs Index,% WT Country,Index Marker
C00043,AU000000GPT8,6365866,,GPT
Group,AU,AUD,XASX,4.120000,2016717000,100.000000%,8000,8700,8730,8737,5.92%,4
876.336927,4876.336927,1.266462%,,1.370855%,4.060156%,6.395491%,,,,,,2.164320
%,ERAS ERGL ERXE ERXU
C00086,AU000000SGP0,6850856,,Stockland,AU,AUD,XASX,6.860000,1367542981,100.00
0000%,8000,8700,8730,8737,5.85%,5505.751813,5505.751813,1.429931%,,1.547798%,
4.584222%,7.220991%,,,,,,2.443680%,ERAS ERGL ERXE ERXU

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	wixrddmm.csv*

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

FILE CONTENT

Field	Description	Decimal Places
Date	<i>dd/mm/yyyy</i> 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 0.1 - Initial Product Specification
- Version 1.2 - Name changes – March 2009

FTSE CONTACT DETAILS

For FTSE contact details please visit http://www.ftse.com/Contact_Us