



PRODUCT SPECIFICATION

FTSE EPRA/NAREIT GLOBAL REAL ESTATE INDEX SERIES
DEVELOPED MARKET INDICES
FTSE EPRA/NAREIT Global Sectors
Tracker 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 Global Sectors Index Series are a sub-set of the FTSE EPRA/NAREIT Global Real Estate Index Series that launched in February 2005. The coverage of FTSE EPRA/NAREIT Global Sectors Index Series will classify the EPRA/NAREIT universe by a comprehensively selected segmentation of property sectors spanning the real estate universe of the EPRA/NAREIT. Initially, the series will consist of Developed Markets, regional and superpowers with the flexibility to broaden the offering in the future to include other key countries and economic zones.

INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Codes (Markers)	ENGV, ENGE, ENGS, ENGI, ENGF, ENGA, ENGT, ENGO, ENGM, EGAD, EGHI, EGAO, EGAI, EGAF, EGAE, EGAT, EGAL, EGAM, EPRD, EPRH, EPRS, EPRI, EPRF, EPRE, EPRT, EPRL, , EPRM, EPED, EPEH, EPES, EPEI, EPEF, EPER, EPET, EPEL, EPEM, EGND, EGNH, EGNS, EGNI, EGNF, EGNE, EGNT, EGNL, EGNM, ELUD, ELUH, ELUS, ELUI, ELUF, ELUE, ELUT, ELUL, ELUM, UNUD, UNUH, UNUO, UNUI, UNUF, UNUE, UNUT, UNUL, UNUM, EAAH, EAAS, EAAI, EAAO, EAAM, EAAE, EAAT, EAAL, EAAD
Base Index Date	02 January 2006
Base Index Value	1000
Base Index Currency	EUR
Base Currency Date	31 December 1999

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code (Marker)
FTSE EPRA/NAREIT Developed Diversified Index	ENGV
FTSE EPRA/NAREIT Developed Healthcare Index	ENGE
FTSE EPRA/NAREIT Developed Self Storage Index	ENGS
FTSE EPRA/NAREIT Developed Industrial Index	ENGI
FTSE EPRA/NAREIT Developed Office Index	ENGF
FTSE EPRA/NAREIT Developed Residential Index	ENGA
FTSE EPRA/NAREIT Developed Retail Index	ENGT
FTSE EPRA/NAREIT Developed Lodging/Resorts Index	ENGO
FTSE EPRA/NAREIT Developed Industrial/Office Mixed Index	ENGM
FTSE EPRA/NAREIT Developed Asia Diversified Index	EGAD
FTSE EPRA/NAREIT Developed Asia Healthcare Index	EGHI
FTSE EPRA/NAREIT Developed Asia Self Storage Index	EGAO
FTSE EPRA/NAREIT Developed Asia Industrial Index	EGAI
FTSE EPRA/NAREIT Developed Asia Office Index	EGAF
FTSE EPRA/NAREIT Developed Asia Residential Index	EGAE
FTSE EPRA/NAREIT Developed Asia Retail Index	EGAT
FTSE EPRA/NAREIT Developed Asia Lodging/Resorts Index	EGAL
FTSE EPRA/NAREIT Developed Asia Industrial/Office Mixed Index	EGAM
FTSE EPRA/NAREIT Developed Europe Diversified Index	EPRD
FTSE EPRA/NAREIT Developed Europe Healthcare Index	EPRH
FTSE EPRA/NAREIT Developed Europe Self Storage Index	EPRS
FTSE EPRA/NAREIT Developed Europe Industrial Index	EPRI
FTSE EPRA/NAREIT Developed Europe Office Index	EPRF
FTSE EPRA/NAREIT Developed Europe Residential Index	EPRE
FTSE EPRA/NAREIT Developed Europe Retail Index	EPRT
FTSE EPRA/NAREIT Developed Europe Lodging/Resorts Index	EPRL
FTSE EPRA/NAREIT Developed Europe Industrial/Office Mixed Index	EPRM
FTSE EPRA/NAREIT Eurozone Diversified Index	EPED
FTSE EPRA/NAREIT Eurozone Healthcare Index	EPEH
FTSE EPRA/NAREIT Eurozone Self Storage Index	EPES
FTSE EPRA/NAREIT Eurozone Industrial Index	EPEI
FTSE EPRA/NAREIT Eurozone Office Index	EPEF
FTSE EPRA/NAREIT Eurozone Residential Index	EPER
FTSE EPRA/NAREIT Eurozone Retail Index	EPET
FTSE EPRA/NAREIT Eurozone Lodging/Resorts Index	EPEL
FTSE EPRA/NAREIT Eurozone Industrial/Office Mixed Index	EPEM
FTSE EPRA/NAREIT North America Diversified Index	EGND
FTSE EPRA/NAREIT North America Healthcare Index	EGNH
FTSE EPRA/NAREIT North America Self Storage Index	EGNS
FTSE EPRA/NAREIT North America Industrial Index	EGNI
FTSE EPRA/NAREIT North America Office Index	EGNF
FTSE EPRA/NAREIT North America Residential Index	EGNE
FTSE EPRA/NAREIT North America Retail Index	EGNT
FTSE EPRA/NAREIT North America Lodging/Resorts Index	EGNL
FTSE EPRA/NAREIT North America Industrial/Office Mixed Index	EGNM
FTSE EPRA/NAREIT UK Diversified Index	ELUD
FTSE EPRA/NAREIT UK Healthcare Index	ELUH
FTSE EPRA/NAREIT UK Self Storage Index	ELUS

FTSE EPRA/NAREIT UK Industrial Index	ELUI
FTSE EPRA/NAREIT UK Office Index	ELUF
FTSE EPRA/NAREIT UK Residential Index	ELUE
FTSE EPRA/NAREIT UK Retail Index	ELUT
FTSE EPRA/NAREIT UK Lodging/Resorts Index	ELUL
FTSE EPRA/NAREIT UK Industrial/Office Mixed Index	ELUM
FTSE EPRA/NAREIT United States Diversified Index	UNUD
FTSE EPRA/NAREIT United States Healthcare Index	UNUH
FTSE EPRA/NAREIT United States Self Storage Index	UNUO
FTSE EPRA/NAREIT United States Industrial Index	UNUI
FTSE EPRA/NAREIT United States Office Index	UNUF
FTSE EPRA/NAREIT United States Residential Index	UNUE
FTSE EPRA/NAREIT United States Retail Index	UNUT
FTSE EPRA/NAREIT United States Lodging/Resorts Index	UNUL
FTSE EPRA/NAREIT United States Industrial/Office Mixed Index	UNUM
FTSE EPRA/NAREIT Developed Asia ex Australia Diversified Index	EAAD
FTSE EPRA/NAREIT Developed Asia ex Australia Healthcare Index	EAAH
FTSE EPRA/NAREIT Developed Asia ex Australia Self Storage Index	EAAO
FTSE EPRA/NAREIT Developed Asia ex Australia Industrial Index	EAAI
FTSE EPRA/NAREIT Developed Asia ex Australia Office Index	EAAO
FTSE EPRA/NAREIT Developed Asia ex Australia Residential Index	EAAE
FTSE EPRA/NAREIT Developed Asia ex Australia Retail Index	EAAE
FTSE EPRA/NAREIT Developed Asia ex Australia Lodging/Resorts Index	EAAE
FTSE EPRA/NAREIT Developed Asia ex Australia Industrial/Office Mixed Index	EAAE

FILE NAME

File Name	File Name & Extension
FTSE EPRA/NAREIT Developed Sector Indices Tracker Service	<i>egstddmm.csv</i>

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

DDS FILE PATH

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

SERVICE TIMING

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

PRODUCT SPECIFICATION

FILE CONTENT - FTSE EPRA/NAREIT Developed Sector Indices Tracker Service (*egstddmm.csv*)

EPRA NAREIT01

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	FTSE Index codes	EGAD		String	Y
Old Number of Constituents	Number of lines of stock included in index calculation (including secondary lines), for previous day's close market capitalisation calculation	39	0	Integer	Y
New Number of Constituents	Number of lines of stock included in index calculation (including secondary lines), for adjusted previous day's close market capitalisation calculation	42	0	Integer	Y
Previous Market Capitalisation (EUR)	Previous day's closing weighted market capitalisation in EUR Currency in millions	112584.673394	6	Float	Y
New Market Capitalisation (EUR)	Previous day's closing weighted market capitalisation in EUR Currency in millions, after weighting amendments effective today	114119.554074	6	Float	Y
Previous Divisor (EUR)	Previous day's index divisor in EUR Currency, millions	104.537759	6	Float	Y
New Divisor (EUR)	Today's index divisor in EUR Currency, millions	105.962935	6	Float	Y
XD Adjustment Value	Today's XD adjustment figure in USD Currency	0.000	3	Float	N

EPRA NAREIT02

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identifier code	C73596		String	N
Constituent Name	Name of company	"Fabegge"		String	N
ISIN Code	ISIN security Identifier	SE0000950636		String	N
SEDOL	SEDOL Security Identifier	7324833		String	N
CUSIP	CUSIP Security Identifier where available			String	N
Country Code	Country code for Security	SWED		String	N
MIC Exchange Code	Exchange code for Security	XOME		String	N
Currency Code	Currency code for Security	SEK		String	N
Index Marker	Codes for indexes of which security is a constituent	ENGF EPRF		String	N
ICB Closing Subsector Code	Subsector Code identifier (4 digit code)			Integer	N
ICB New Subsector Code	New Subsector Code identifier (4 digit code)			Integer	N
Closing Price	Previous day's closing price in currency specified	151.500000	6	Float	N
Price Adjustment Factor	Price adjustment factor		6	Float	N
Adjusted Price	Share price in currency indicated after weighting amendment		6	Float	N
Previous Shares in Issue	Number of shares in issue before corporate amendment	96121890	0	Integer	N
New Shares in Issue	Number of shares in issue after corporate amendment	100584400	0	Integer	N
Previous Investability Weight	Percentage of market capitalisation in issue included in the Indices at close		6	Float	N
New Investability Weight	New percentage of market capitalisation included in the Indexes close		6	Float	N
Amendment Code	Code for weighting and housekeeping amendments	IS		String	N
Amendment Notes	Details, where available, on weighting amendment code			String	N

EPRA NAREIT03

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	FTSE constituent identifier	C41640		String	N
Constituent Name	Name of company	"H & R REIT"		String	N
ISIN Code	ISIN security Identifier	CA4039251000		String	N
SEDOL	Stock Exchange Daily Official List (SEDOL) code	2134145		String	N
CUSIP	Constituent CUSIP code	403925100		String	N
Country Code	Country code for security	CAN		String	N
MIC Exchange Code	Exchange source	XTSE		String	N
Subsector Code	Subsector identifier (4 digit code)	8737		Integer	
Shares in Issue	Number of shares in issue for today's calculation	116522100	0	Integer	N
Investability Weight	Percentage of shares in issue included in the indexes	100.00	2	Float	N
Ex-Dividend Date	Date the security is XD	18/09/2006		Date time	N
Dividend Amount	Dividend amount used for Total Return calculation (may be net or gross) (up to 6 decimal places)	0.111200	6	Float	N
Currency Code	Currency code for dividend payment	CAD		String	N
Index Marker	Codes for indexes of which company is a constituent	ENGV		String	N
XD Adjustment Value	Value for XD adjustment (gross except UK which are actual values) for each related index	0.049	3	Float	N
FTSE Dividend Code	Dividend Code	X		String	N
FTSE Dividend Notes	Details, where available, on dividend payments			String	N

File Example

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FTSE EPRA/NAREIT Developed Sector Indices Tracker Service

EPRA NAREIT01

Index Code,Old Number of Constituents,New Number of Constituents,Previous Market Capitalisation (EUR),New Market Capitalisation (EUR),Previous Divisor (EUR),New Divisor (EUR),XD Adjustment Value
EGAD,39,42,112584.673394,114119.554074,104.537759,105.962935,0.000
YYYYYYYYYY

EPRA NAREIT02

Cons Code,Constituent Name,ISIN Code,SEDOL,CUSIP,Country Code,MIC Exchange Code, Currency Code,Index Marker,ICB Closing Subsector Code,ICB New Subsector Code,Closing Price,Price Adjustment Factor,Adjusted Price,Previous Shares in Issue,New Shares in Issue,Previous Investability Weight,New Investability Weight,Amendment Code,Amendment Notes
C73596,"Fabega",SE0000950636,7324833,,SWED,XOME,SEK,ENGF
EPRF,,,151.500000,,,96121890,100584400,,,IS,
YYYYYYYYYY

EPRA NAREIT03

Cons Code,Constituent Name,ISIN Code,SEDOL,CUSIP,Country Code,MIC Exchange Code,Subsector Code,Shares in Issue,Investability Weight,Ex-Dividend Date,Dividend Amount, Currency Code,Index Marker,XD Adjustment Value,FTSE Dividend Code,FTSE Dividend Notes
C41640,"H & R
REIT",CA4039251000,2134145,403925100,CAN,XTSE,8737,116522100,100.00,18/09/2006,0.111200,C
AD,ENGV,0.049,X,
YYYYYYYYYY
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	dd/mm/yyyy 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

15/11/2006(C) FTSE International Limited 2006. All Rights Reserved
FTSE Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate

11/15/2006,ARS,3.068750
11/15/2006,ATS,10.743950
11/15/2006,AUD,1.306930
11/15/2006,BEF,31.497100
11/15/2006,BRL,2.150000
11/15/2006,CAD,1.141050
11/15/2006,CHF,1.247550
11/15/2006,CLP,528.600000
11/15/2006,CNY,7.868700
11/15/2006,COP,2272.800000
11/15/2006,CZK,21.924650
XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 1.0 - Initial Product Specification – November 2006
- Version 2.0 - Add FTSE EPRA/NAREIT Asia ex Australia Indices – March 2007
- Version 2.1 - Name change – March 2009
- Version 2.2 - Header changes – June 2009
- Version 2.3 - Deletion of Specialty Indices

FTSE CONTACT DETAILS

For FTSE contact details please visit [http://www.ftse.com/Contact Us](http://www.ftse.com/Contact_Us)