



PRODUCT SPECIFICATION

FTSE EPRA/NAREIT GLOBAL REAL ESTATE INDEX SERIES
DEVELOPED MARKETS INDICES
TRACKER SERVICE



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

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PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code (Marker)	Local Currency
FTSE EPRA/NAREIT Developed Asia Index	EGAS	EUR
FTSE EPRA/NAREIT Australia Index	ELAU	AUD
FTSE EPRA/NAREIT Austria Index	EPAS	EUR
FTSE EPRA/NAREIT Belgium Index	EPBL	EUR
FTSE EPRA/NAREIT Canada Index	ELCA	CAD
FTSE EPRA/NAREIT Denmark Index	ELDK	DKK
FTSE EPRA/NAREIT Euro Zone Index	EPEU	EUR
FTSE EPRA/NAREIT Developed Europe (UK Restricted) Index	EPHG	EUR
FTSE EPRA/NAREIT Developed Europe Ex UK Index	EXUK	EUR
FTSE EPRA/NAREIT Developed Europe Index	EPRA	EUR
FTSE EPRA/NAREIT Developed EMEA Index	EEUI	EUR
FTSE EPRA/NAREIT Developed Europe Liquid 40 Ex UK Index	SSXU	EUR
FTSE EPRA/NAREIT Developed Europe Liquid 40 Index	SSEL	EUR
FTSE EPRA/NAREIT Finland Index	EPFI	EUR
FTSE EPRA/NAREIT France Index	EPFR	EUR
FTSE EPRA/NAREIT Germany Index	EPGR	EUR
FTSE EPRA/NAREIT Developed Ex Asia Index	EGXA	EUR
FTSE EPRA/NAREIT Developed Ex Europe Index	EGXE	EUR
FTSE EPRA/NAREIT Developed Ex North America Index	EGXN	EUR
FTSE EPRA/NAREIT Developed Index	ENGL	EUR
FTSE EPRA/NAREIT Greece Index	EPGC	EUR
FTSE EPRA/NAREIT Hong Kong Index	ELHK	HKD
FTSE EPRA/NAREIT Ireland Index	EPIR	EUR
FTSE EPRA/NAREIT Israel Index	EPIS	ILS
FTSE EPRA/NAREIT Italy Index	EPIT	EUR
FTSE EPRA/NAREIT Japan Index	ELJP	JPY
FTSE EPRA/NAREIT Luxembourg Index	EPLU	EUR
FTSE EPRA/NAREIT Netherlands Index	EPNL	EUR
FTSE EPRA/NAREIT New Zealand Index	ELNZ	NZD
FTSE EPRA/NAREIT North America Index	EGNA	EUR
FTSE EPRA/NAREIT Norway Index	ELNK	NOK
FTSE EPRA/NAREIT Portugal Index	EPPT	EUR
FTSE EPRA/NAREIT Developed Pure Asia Index	EGPA	EUR
FTSE EPRA/NAREIT Developed Pure Australia Index	LPAU	AUD
FTSE EPRA/NAREIT Singapore Index	ELSI	SGD
FTSE EPRA/NAREIT Spain Index	EPSP	EUR
FTSE EPRA/NAREIT Sweden Index	ELSD	SEK
FTSE EPRA/NAREIT Switzerland Index	ELSW	CHF
FTSE EPRA/NAREIT UK Index	ELUK	GBP
FTSE EPRA/NAREIT United States Index	UNUS	USD
FTSE EPRA/NAREIT Developed Europe Ex UK Dividend+ Index	ENDP	EUR
FTSE EPRA/NAREIT Developed ex US Index	EGXU	USD
FTSE EPRA/NAREIT Developed ex Japan Index	EGXJ	EUR
FTSE EPRA/NAREIT Developed Asia ex Australia Index	EPAA	EUR
FTSE EPRA/NAREIT Developed Middle East and Africa Index	ENDM	EUR
FTSE EPRA/NAREIT Developed ex Middle East and Africa Index	ENDEM	EUR
FTSE EPRA/NAREIT Developed Asia Index Net TRI	RGAS	EUR

FTSE EPRA/NAREIT Australia Index Net TRI	RLAU	AUD
FTSE EPRA/NAREIT Austria Index Net TRI	RPAS	EUR
FTSE EPRA/NAREIT Belgium Index Net TRI	RPBL	EUR
FTSE EPRA/NAREIT Canada Index Net TRI	RLCA	CAD
FTSE EPRA/NAREIT Denmark Index Net TRI	RLDK	DKK
FTSE EPRA/NAREIT Euro Zone Index Net TRI	RPEU	EUR
FTSE EPRA/NAREIT Developed Europe (UK Restricted) Index Net TRI	RPHG	EUR
FTSE EPRA/NAREIT Developed Europe Ex UK Index Net TRI	RXUK	EUR
FTSE EPRA/NAREIT Developed Europe Index Net TRI	RPRA	EUR
FTSE EPRA/NAREIT Developed EMEA Index Net TRI	REUI	EUR
FTSE EPRA/NAREIT Developed Europe Liquid 40 Ex UK Index Net TRI	RSXU	EUR
FTSE EPRA/NAREIT Developed Europe Liquid 40 Index Net TRI	RSSL	EUR
FTSE EPRA/NAREIT Finland Index Net TRI	RPFI	EUR
FTSE EPRA/NAREIT France Index Net TRI	RPFR	EUR
FTSE EPRA/NAREIT Germany Index Net TRI	RPGR	EUR
FTSE EPRA/NAREIT Developed Ex Asia Index Net TRI	RGXA	EUR
FTSE EPRA/NAREIT Developed Ex Europe Index Net TRI	RGXE	EUR
FTSE EPRA/NAREIT Developed Ex North America Index Net TRI	RGXN	EUR
FTSE EPRA/NAREIT Developed Index Net TRI	RNGL	EUR
FTSE EPRA/NAREIT Greece Index Net TRI	RPGC	EUR
FTSE EPRA/NAREIT Hong Kong Index Net TRI	RLHK	HKD
FTSE EPRA/NAREIT Ireland Index Net TRI	RPIR	EUR
FTSE EPRA/NAREIT Israel Index Net TRI	RPIS	ILS
FTSE EPRA/NAREIT Italy Index Net TRI	RPIT	EUR
FTSE EPRA/NAREIT Japan Index Net TRI	RLJP	JPY
FTSE EPRA/NAREIT Luxembourg Index Net TRI	RPLU	EUR
FTSE EPRA/NAREIT Netherlands Index Net TRI	RPNL	EUR
FTSE EPRA/NAREIT New Zealand Index Net TRI	RLNZ	NZD
FTSE EPRA/NAREIT North America Index Net TRI	RGNA	EUR
FTSE EPRA/NAREIT Norway Index Net TRI	RLNK	NOK
FTSE EPRA/NAREIT Portugal Index Net TRI	RPPT	EUR
FTSE EPRA/NAREIT Developed Pure Asia Index Net TRI	RGPA	EUR
FTSE EPRA/NAREIT Developed Pure Australia Index Net TRI	RPAU	AUD
FTSE EPRA/NAREIT Singapore Index Net TRI	RLSI	SGD
FTSE EPRA/NAREIT Spain Index Net TRI	RPSP	EUR
FTSE EPRA/NAREIT South Korea Index Net TRI	RPKR	KRW
FTSE EPRA/NAREIT Sweden Index Net TRI	RLSD	SEK
FTSE EPRA/NAREIT Switzerland Index Net TRI	RLSW	CHF
FTSE EPRA/NAREIT UK Index Net TRI	RPUK	GBP
FTSE EPRA/NAREIT United States Index Net TRI	RNUS	USD
FTSE EPRA/NAREIT Developed ex US Index Net TRI	RGXU	USD
FTSE EPRA/NAREIT Developed ex Japan Index Net TRI	RGXJ	EUR
FTSE EPRA/NAREIT Developed Asia ex Australia Index Net TRI	RPAA	EUR
FTSE EPRA/NAREIT Developed Middle East and Africa Index Net TRI	RNDM	EUR
FTSE EPRA/NAREIT Developed ex Middle East and Africa Index Net TRI	RNDEM	EUR
FTSE EPRA/NAREIT Dividend+ Index		
FTSE EPRA/NAREIT Developed Europe Ex UK Dividend+ Index	ENDP	EUR
FTSE EPRA/NAREIT Australia Indices		
FTSE EPRA/NAREIT Australia hedged in USD	ELHA	AUS
FTSE EPRA/NAREIT Developed ex Australia hedged in AUD	EGAA	AUS
FTSE EPRA/NAREIT Developed ex Australia hedged in USD	EGAH	AUS
FTSE EPRA/NAREIT Developed hedged in AUD	EGHA	AUS

FTSE EPRA/NAREIT Developed ex Aus Rental in AUD Unhedged	GAUR	AUS
FTSE EPRA/NAREIT Developed ex Aus Rental in AUD Hedged	GAHR	AUS
FTSE EPRA/NAREIT Developed ex Aus Non-Rental in AUD Unhedged	GAUN	AUS
FTSE EPRA/NAREIT Developed ex Aus Non-Rental in AUD Hedged	GAHN	AUS
FTSE EPRA/NAREIT Developed ex Australia Index	GAXA	AUS
FTSE EPRA/NAREIT Developed ex Australia Index Net TRI	RAXA	AUS
FTSE EPRA/NAREIT Developed Rental Index hedged in AUD	GRAH	AUS

FILE NAME

File Name	File Name and Extension
FTSE EPRA/NAREIT Index Tracker file	ENGT <i>ddmm</i> .csv
FTSE EPRA/NAREIT Europe ex UK Dividend+ Index Tracker	endt <i>ddmm</i> .csv
FTSE EPRA/NAREIT Europe (UK Restricted) Index Tracker	EPHT <i>ddmm</i> .csv

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

FILE DDS PATH

http://data.ftse.com/data/EPRA_NAREIT/tracker
http://data.ftse.com/data/EPRA_Div/Tracker

SERVICE TIMING

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

PRODUCT SPECIFICATION

FILE CONTENT - FTSE EPRA/NAREIT Global Real Estate Index Series (ENGT*ddmm.csv*)

REAL ESTATE TRACK01

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	FTSE Index codes	EGAS		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	95		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	95		Integer	Y
Previous Market Capitalisation (EUR)	Previous day's closing weighted market capitalisation in EUR Currency in millions	245880.671774	6	Float	Y
New Market Capitalisation (EUR)	Previous day's closing weighted market capitalisation in EUR Currency in millions, after weighting amendments effective today	245880.671774	6	Float	Y
Previous Divisor (EUR)	Previous day's index divisor in EUR Currency, millions	141803287.792845	6	Float	Y
New Divisor (EUR)	Today's index divisor in EUR Currency, millions	141803287.792845	6	Float	Y
XD Adjustment Value	Today's XD adjustment figure in EUR Currency	0.000	3	Float	Y

REAL ESTATE TRACK02

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identifier code	C20998		String	Y
Constituent Name	Name of company	Equity Office Properties Tr		String	Y
ISIN Code	ISIN security Identifier	US2947411037		String	Y
SEDOL	SEDOL Security Identifier	2038430		String	Y
CUSIP	CUSIP Security Identifier where available	294741103		String	Y
ISO Country Code	Country code for Security (maximum 4 letters)	USA		String	Y
MIC Exchange Code	Market Identification Code (MIC) for the Exchange of the Security (four letters)	XNYS		String	Y
ISO Currency Code	ISO Currency code for Security (three letters)	USD		String	Y
Index Marker	Codes for indexes of which security is a constituent	EGNA EGXA EGXE ENGL UNUS		String	Y
ICB Closing Subsector Code	ICB Sub-Sector number (4 digit code)	8737		Integer	Y
ICB New Subsector Code	ICB New Sub-Sector number (4 digit code)			Integer	Y
Closing Price	Previous day's closing price in currency specified	55.470000	6	Float	Y
Price Adjustment Factor	Price adjustment factor			Float	Y
Adjusted Price	Share price in currency indicated after weighting amendment			Float	Y
Previous Shares in Issue	Number of shares in issue before corporate amendment	350124200		Integer	Y
New Shares in Issue	Number of shares in issue after corporate amendment			Integer	Y
Previous Investibility Weight	Percentage of market capitalisation in issue included in the Indices at close	100.000000	6	Float	Y
New Investibility Weight	New percentage of market capitalisation included in the Indexes close		6	Float	Y
Amendment Code	Code for weighting and housekeeping amendments	CD		String	Y
Amendment Notes	Details, where available, on weighting amendment code	Constituent deletion		String	Y

REAL ESTATE TRACK03

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	FTSE constituent identifier	C70478		String	Y
Constituent Name	Name of company	Regency Centers		String	Y
ISIN Code	ISIN security Identifier	US7588491032		String	Y
SEDOL	Stock Exchange Daily Official List (SEDOL) code	2726177		String	Y
CUSIP	Constituent CUSIP code where available	758849103		String	Y
ISO Country Code	Country code for Security (maximum 4 letters)	USA		String	Y
MIC Exchange Code	Market Identification Code (MIC) for the Exchange of the Security (four letters)	XNYS		String	Y
Subsector Code	ICB Subsector code (4 Digit Number)	8737		Integer	Y
Shares in Issue	Number of shares in issue for today's calculation	68582300		Integer	Y
Investibility Weight	Percentage of shares in issue included in the indexes	100.00	2	Float	Y
Ex-Dividend Date	Date the security is XD	12/02/2007		Date	Y
Dividend Amount	Dividend amount used for Total Return calculation (may be net or gross) (up to 6 decimal places)	0.660000	6	Float	Y
ISO Currency Code	Currency code for dividend payment	USD		String	Y
Index Marker	Codes for indexes of which company is a constituent	ENGL		String	Y
XD Adjustment Value	Value for XD adjustment (gross except UK which are actual values) for each related index	0.107	3	Float	Y
FTSE Dividend Code	Dividend Code	Q		String	Y
FTSE Dividend Notes	Details, where available, on dividend payments			String	Y

FILE EXAMPLE

FTSE EPRA/NAREIT Global Real Estate Index Series

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FTSE EPRA/NAREIT Global Real Estate Index Series

REAL ESTATE TRACK01

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
EGAS,95,95,245880.671774,245880.671774,141803287.792845,141803287.792845,0.000
YYYYYYYYYY

REAL ESTATE TRACK02

Cons Code,Constituent Name,ISIN Code,SEDOL,CUSIP,ISO Country Code,MIC Exchange Code,ISO 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 Investibility Weight,New Investibility Weight,Amendment Code,Amendment Notes
C20998,Equity Office Properties Tr,US2947411037,2038430,294741103,USA,XNYS,USD,EGNA EGXA EGXE ENGL UNUS,8737,,55.470000,,350124200,,100.000000,,CD,Constituent deletion
YYYYYYYYYY

REAL ESTATE TRACK03

Cons Code,Constituent Name,ISIN Code,SEDOL,CUSIP,ISO Country Code,MIC Exchange Code,Subsector Code,Shares in Issue,Investibility Weight,Ex-Dividend Date,Dividend Amount,ISO Currency Code,Index Marker,XD Adjustment Value,FTSE Dividend Code,FTSE Dividend Notes
C70478,Regency Centers,US7588491032,2726177,758849103,USA,XNYS,8737,68582300,100.00,12/02/2007,0.660000,USD,ENGL,0.107,Q,
YYYYYYYYYY
XXXXXXXXXX

FILE EXAMPLE (continued)

FTSE EPRA/NAREIT Europe ex UK Dividend+ Index

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FTSE EPRA/NAREIT Europe ex UK Dividend+ Index

ENDT TRACK01

Index Code,Old Number of Constituents,New Number of Constituents,Previous Market Capitalisation,New Market
Capitalisation,Previous Divisor,New Divisor,XD Adjustment Value
ENDP,40,40,59968190323.333702,59968190323.333710,18.643626,18.643626,0.000
YYYYYYYYYY

ENDT TRACK02

Cons Code,Constituent Name,ISIN Code,SEDOL,CUSIP,Country Code,MIC Exchange Code,ISO 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 Investibility Weight,New Investibility Weight,Amendment
Code,Amendment Notes
YYYYYYYYYY

ENDT TRACK03

Cons Code,Constituent Name,ISIN Code,SEDOL,CUSIP,Country Code,MIC Exchange Code,Subsector Code,Shares in
Issue,Investibility Weight,Ex-Dividend Date,Dividend Amount,ISO Currency Code,Index Marker,XD Adjustment
Value,FTSE Dividend Code,FTSE Dividend Notes
YYYYYYYYYY

XXXXXXXXXX

FILE EXAMPLE (continued)

FTSE EPRA/NAREIT Europe (UK Restricted) Index Tracker

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FTSE EPRA/NAREIT Europe (UK Restricted) Index Tracker

REAL ESTATE TRACK01

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
EPHG,102,102,124151.716650,124151.716650,42522737.952628,42522737.952628,0.041
YYYYYYYYYY

REAL ESTATE TRACK02

Cons Code,Constituent Name,ISIN Code,SEDOL,CUSIP,Country Code,MIC Exchange Code,ISO 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 Investibility Weight,New Investibility Weight,Amendment
Code,Amendment Notes
YYYYYYYYYY

REAL ESTATE TRACK03

Cons Code,Constituent Name,ISIN Code,SEDOL,CUSIP,ISO Country Code,MIC Exchange Code,Subsector Code,Shares
in Issue,Investibility Weight,Ex-Dividend Date,Dividend Amount,ISO Currency Code,Index Marker,XD Adjustment
Value,FTSE Dividend Code,FTSE Dividend Notes
C01610,Daejan
Hdg,GB0002502036,0250203,,UK,XLON,8733,16300000,15.38,07/02/2007,25.000000,GBX,EPHG,0.022,I,
C85051,ISIS Property Trust
Ld,GB0033674564,3367456,,UK,XLON,8737,75650000,38.46,07/02/2007,1.800000,GBX,EPHG,0.019,I,
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	ddmmyyyy format	
ISO Currency Code	Currency code	
USD Exchange Rate	USD exchange rate used for calculation (WM/Reuters closing rates)	Up to 6

(*where *ddmmyyyy* 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 1.5 - Add Net Tax Indices and Update Product Specification Template – February 2007
- Version 1.6 - Names Changes and Israel Indices – March 2009

FTSE CONTACT DETAILS

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