



PRODUCT SPECIFICATION

FTSE EPRA/NAREIT GLOBAL REAL ESTATE INDEX SERIES
EMERGING MARKET INDICES
FTSE EPRA/NAREIT Emerging Sectors
Valuation 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 Emerging 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 Emerging 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.

INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Codes (Markers)	ENED, ENEH, ENES, EMEN, ENEF, ENER, ENET, ENEO, EMEC
Base Index Date	31 October 2008
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 Emerging Diversified Index	ENED
FTSE EPRA/NAREIT Emerging Healthcare Index	ENEH
FTSE EPRA/NAREIT Emerging Self Storage Index	ENES
FTSE EPRA/NAREIT Emerging Industrial Index	ENEN
FTSE EPRA/NAREIT Emerging Office Index	ENEF
FTSE EPRA/NAREIT Emerging Residential Index	ENER
FTSE EPRA/NAREIT Emerging Retail Index	ENET
FTSE EPRA/NAREIT Emerging Lodging/Resorts Index	ENEO
FTSE EPRA/NAREIT Emerging Industrial/Office Mixed Index	ENEC

FILE NAME

File Name	File Name and Extension
FTSE EPRA/NAREIT Emerging Sector Indices Valuation Service (*Where <i>ddmm</i> is effective date and month)	eesvddmm.csv

FILE DDS PATH

http://data.ftse.com/EPRA_NAREIT_Emerging_Sectors/Valuation

SERVICE TIMING

Available 22:30 hours GMT (Greenwich Mean Time) or BST (British Summertime) as applicable.

PRODUCT SPECIFICATION

FILE CONTENT - FTSE EPRA/NAREIT Emerging Sector Indices Valuation Service (eesvddmm.csv)

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	Index Identification code	ENEC		String	Y
Index Name	Name of index	FTSE EPRA/NAREIT Emerging Industrial/Office Mixed Index		String	Y
Number of constituents	Total number of constituents within index	2		Integer	Y
US Dollar Index	US Dollar index value	3634.89	2	Float	Y
Sterling Index	Sterling index value	3566.94	2	Float	Y
Euro Index	Euro index value	3177.38	2	Float	Y
Japanese Yen Index	Japanese Yen index value	2862.85	2	Float	Y
Australian Dollar Index	Australian Dollar index value	2208.38	2	Float	Y
Local Currency Index	Local currency index value	3177.38	2	Float	Y
US Dollar TRI	US Dollar total return index value	4006.61	2	Float	Y
Sterling TRI	Sterling total return index value	3931.71	2	Float	Y
Euro TRI	Euro total return index value	3503.25	2	Float	Y
Japanese Yen TRI	Japanese Yen total return index value	3155.62	2	Float	Y
Australian Dollar TRI	Australian Dollar return index value	2434.22	2	Float	Y
Local Currency TRI	Local total return index value	3503.25	2	Float	Y
MCap (USD)	Market Capitalisation in currency specified in millions at index close	1719.356434	6	Float	Y
MCap (GBP)	Market Capitalisation in currency specified in millions at index close	1046.916133	6	Float	Y
MCap (EUR)	Market Capitalisation in currency specified in millions at index close	1185.238358	6	Float	Y
MCap (JPY)	Market Capitalisation in currency specified in millions at index close	138605.918964	6	Float	Y
MCap (AUD)	Market Capitalisation in currency specified in millions at index close	1596.353675	6	Float	Y
MCap (Local)	Market Capitalisation in currency specified in millions at index close	1185.238358	6	Float	Y
XD adjustment (YTD)	Ex-dividend adjustment year to date	20.594	3	Float-zero if null	Y
Dividend Yield	Dividend Yield (%)	0.73%	2	Percentage	Y

FILE EXAMPLE

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FTSE EPRA/NAREIT Emerging Sector Indices Valuation Service

Index Code,Index Name,Number of constituents,US Dollar Index,Sterling Index,Euro Index,Japanese Yen Index,Australian Dollar Index,Local Currency Index,US Dollar TRI,Sterling TRI,Euro TRI,Japanese Yen TRI,Australian Dollar TRI,Local Currency TRI,MCap (USD),MCap (GBP),MCap (EUR),MCap (JPY),MCap (AUD),MCap (Local),XD adjustment (YTD),Dividend Yield

ENEC,FTSE EPRA/NAREIT Emerging Industrial/Office Mixed

Index,2,3634.89,3566.94,3177.38,2862.85,2208.38,3177.38,4006.61,3931.71,3503.25,3155.62,2434.22,3503.25,1719.356434,1046.916133,1185.238358,138605.918964,1596.353675,1185.238358,20.594,0.73%

ENED,FTSE EPRA/NAREIT Emerging Diversified

Index,63,1839.84,1805.45,1608.27,1449.06,1117.80,1608.27,2011.20,1973.60,1757.67,1584.02,1221.90,1757.67,48790.924747,29708.794079,33634.023975,3933280.398509,45300.421991,33634.023975,26.531,2.97%

ENER,FTSE EPRA/NAREIT Emerging Residential

Index,20,2064.68,2026.09,1804.81,1626.15,1254.40,1804.81,2168.58,2128.04,1895.58,1707.97,1317.52,1895.58,18624.035876,11340.175445,12838.479131,1501376.652140,17291.672349,12838.479131,25.694,2.20%

ENET,FTSE EPRA/NAREIT Emerging Retail

Index,12,3132.92,3074.35,2738.59,2467.49,1903.41,2738.59,3420.25,3356.31,2990.12,2693.80,2077.98,2990.12,1344.589344,6907.720452,7820.392664,914544.069989,10532.997423,7820.392664,31.479,2.08%

RNEC,FTSE EPRA/NAREIT Emerging Industrial/Office Mixed Index Net

TRI,2,3634.89,3566.94,3177.38,2862.85,2208.38,3177.38,3969.34,3895.14,3470.56,3126.26,2411.58,3470.56,1719.356434,1046.916133,1185.238358,138605.918964,1596.353675,1185.238358,20.304,0.71%

RNED,FTSE EPRA/NAREIT Emerging Diversified Index Net

TRI,63,1839.84,1805.45,1608.27,1449.06,1117.80,1608.27,2001.19,1963.78,1748.95,1576.14,1215.83,1748.95,48790.924747,29708.794079,33634.023975,3933280.398509,45300.421991,33634.023975,25.997,2.90%

RNER,FTSE EPRA/NAREIT Emerging Residential Index Net

TRI,20,2064.68,2026.09,1804.81,1626.15,1254.40,1804.81,2163.81,2123.36,1891.42,1704.22,1314.62,1891.42,18624.035876,11340.175445,12838.479131,1501376.652140,17291.672349,12838.479131,24.938,2.11%

RNET,FTSE EPRA/NAREIT Emerging Retail Index Net

TRI,12,3132.92,3074.35,2738.59,2467.49,1903.41,2738.59,3399.72,3336.17,2972.15,2677.63,2065.51,2972.15,11344.589344,6907.720452,7820.392664,914544.069989,10532.997423,7820.392664,30.647,1.98%

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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 1.0 - Initial Product Specification – April 2011

FTSE CONTACT DETAILS

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