



## PRODUCT SPECIFICATION

FTSE EPRA/NAREIT GLOBAL REAL ESTATE INDEX SERIES  
GLOBAL INDICES  
VALUATION SERVICE



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

## CONTENTS

---

Page 3	<b>Index Specification</b>
	- INDEX DESCRIPTION
	- INDEX ATTRIBUTES

Page 3 - 5	<b>Product Specification</b>
	- FILE RANGE
	- FILE NAME
	- FILE DDS PATH
	- SERVICE TIMING
	- FILE CONTENT
	- FILE NOTES
	- FILE EXAMPLE

Page 6	<b>Exchange Rates File Specification</b>
	- FILE NAME
	- FILE CONTENT
	- FILE EXAMPLE

Page 6	<b>Version History</b>
	- PRODUCT SPECIFICATION DOCUMENT VERSION HISTORY

Page 6	<b>FTSE Contact Details</b>
--------	-----------------------------

---

## INDEX SPECIFICATION

---

### INDEX DESCRIPTION

The FTSE EPRA/NAREIT Global Indices form part of the FTSE EPRA/NAREIT Global Index Series. They are a series of indices which include constituents from both developed and emerging markets.

### INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Codes and Names	See 'Index Range'
Base Index Currency	EUR
Base Currency Date	31/12/1999
Start Value	1000
Start Date	31/10/2008

## PRODUCT SPECIFICATION

---

### FILE RANGE

Index Name	Index Code (Marker)	Local Currency
FTSE EPRA/NAREIT Global Index	ENHG	EUR
FTSE EPRA/NAREIT Global Index Net TRI	RNHG	EUR
FTSE EPRA/NAREIT Global ex US Index	ENHE	EUR
FTSE EPRA/NAREIT Global ex US Index Net TRI	RNHE	EUR
FTSE EPRA/NAREIT Global Ex MEA Index	ENHW	EUR
FTSE EPRA/NAREIT Global Ex MEA index NET TRI	RNHW	EUR
FTSE EPRA/NAREIT Americas Index	ENHA	EUR
FTSE EPRA/NAREIT Americas Index Net TRI	RNHA	EUR
FTSE EPRA/NAREIT Asia Pacific Index	ENHP	EUR
FTSE EPRA/NAREIT Asia Pacific Index Net TRI	RNHP	EUR
FTSE EPRA/NAREIT Asia Pacific ex Japan index	ENAJ	EUR
FTSE EPRA/NAREIT Asia Pacific ex Japan index Net TRI	RNAJ	EUR
FTSE EPRA/NAREIT Asia ex Japan index	ENAA	EUR
FTSE EPRA/NAREIT Asia ex Japan index Net TRI	RNAA	EUR
FTSE EPRA/NAREIT EMEA Index	ENHN	EUR
FTSE EPRA/NAREIT EMEA Index Net TRI	RNHN	EUR
FTSE EPRA/NAREIT Europe Index	ENHU	EUR
FTSE EPRA/NAREIT Europe Index Net TRI	RNHU	EUR
FTSE EPRA/NAREIT Middle East and Africa Index	ENHM	EUR
FTSE EPRA/NAREIT Middle East and Africa Index Net TRI	RNHM	EUR

### FILE NAME

File Name	File Name and Extension
FTSE EPRA/NAREIT Global Indices Valuation Service	encv $ddmm$ .csv

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

### FILE DDS PATH

[http://data.ftse.com/data/EPRA\\_NAREIT\\_GLOBAL/valuation/](http://data.ftse.com/data/EPRA_NAREIT_GLOBAL/valuation/)

### SERVICE TIMING

Available 00:30 hours GMT (Greenwich Mean Time) or BST (British Summertime) as applicable.

# PRODUCT SPECIFICATION

FILE CONTENT - FTSE EPRA/NAREIT Global Indices Valuation Service (encvddmm.csv)

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	Index Identification code	ENHA		String	Y
Index Name	Name of index or country	FTSE EPRA/NAREIT Americas Index		String	Y
Number of constituents	Total number of constituents within index	157		Integer	Y
US Dollar Index	US Dollar index value	1495.40	2	Float	Y
Sterling Index	Sterling index value	1546.30	2	Float	Y
Euro Index	Euro index value	1461.63	2	Float	Y
Japanese Yen Index	Japanese Yen index value	1142.86	2	Float	Y
Australian Dollar Index	Australian Dollar index value	934.12	2	Float	Y
Local Currency Index	Local currency index value	1461.63	2	Float	Y
US Dollar TRI	US Dollar total return index value	1725.45	2	Float	Y
Sterling TRI	Sterling total return index value	1784.18	2	Float	Y
Euro TRI	Euro total return index value	1686.49	2	Float	Y
Japanese Yen TRI	Japanese Yen total return index value	1318.68	2	Float	Y
Australian Dollar TRI	Australian Dollar total return index value	1077.82	2	Float	Y
Local Currency TRI	Local total return index value	1686.49	2	Float	Y
MCap (USD)	Market Capitalisation in currency specified in millions at index close	463262.454991	6	Float	Y
MCap (GBP)	Market Capitalisation in currency specified in millions at index close	297238.456371	6	Float	Y
MCap (EUR)	Market Capitalisation in currency specified in millions at index close	357082.700307	6	Float	Y
MCap (JPY)	Market Capitalisation in currency specified in millions at index close	36238705.541677	6	Float	Y
MCap (AUD)	Market Capitalisation in currency specified in millions at index close	442234.972159	6	Float	Y
MCap (Local)	Market Capitalisation in currency specified in millions at index close	357082.700307	6	Float	Y
XD adjustment (YTD)	Ex-dividend adjustment year to date	1.225	3	Float-zero if null	Y
Dividend Yield	Dividend Yield	3.62%	2	Percentage	N

## FILE EXAMPLE

25/01/2012 (C) FTSE International Limited 2012. All Rights Reserved  
FTSE EPRA/NAREIT Global 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  
ENHA,FTSE EPRA/NAREIT Americas  
Index,157,1495.40,1546.30,1461.63,1142.86,934.12,1461.63,1725.45,1784.18,1686.49,1318.68,1077.82,1686.49,463262.454991,297238.456371,357082.700307,36238705.541677,442234.972159,357082.700307,1.225,3.62%  
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

25/01/2012(C) FTSE International Limited 2012. All Rights Reserved  
FTSE Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate

01/25/2012,AED,3.673  
01/25/2012,ARS,4.337  
01/25/2012,AUD,0.95461  
01/25/2012,BGN,1.50755  
01/25/2012,BHD,0.377  
01/25/2012,BOB,6.91  
01/25/2012,CAD,1.01205  
01/25/2012,CHF,0.9312  
01/25/2012,CLP,492.45  
01/25/2012,CRC,511.59  
01/25/2012,CZK,19.5263  
01/25/2012,DKK,5.7305  
XXXXXXXXXX

## VERSION HISTORY

---

### Product Specification Document Version History

- Version 1.0 - Initial Product Specification - December 2008.
- Version 1.1 - Header changes - June 2009
- Version 1.2 - New EPRA/NAREIT Indices added - January 2012

## FTSE CONTACT DETAILS

---

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