



PRODUCT SPECIFICATION

FTSE EPRA/NAREIT GLOBAL REAL ESTATE INDEX SERIES
DEVELOPED MARKETS INDICES
ASIA 33 INDEX
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 Developed Asia 33 Index has been designed to represent the performance of the largest and most liquid real estate companies in the Asia Pacific region. The FTSE EPRA/NAREIT Developed Asia 33 Index is a tradable index, covering the top 33 constituents of the Developed Asia Pacific region by market capitalisation with a bias to companies listed as REITs.

INDEX ATTRIBUTES

Index Specification	Attribute
Index Name	FTSE EPRA/NAREIT Developed Asia 33 Index
Base Index Date	18/02/2005
Base Index Value	1000
Base Index Currency	HKD
Base Currency Date	31/12/1999

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code (Marker)
FTSE EPRA/NAREIT Developed Asia 33 Index	ENA3

FILE NAME

File Name	File Name and Extension
FTSE EPRA/NAREIT Asia 33 Index Valuation Service	en3vddmm.csv

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

FILE DDS PATH

http://data.ftse.com/data/epra_nareit_asia33/valuation

SERVICE TIMING

Available 13:00 hours GMT (Greenwich Mean Time) or BST (British Summertime) as applicable.

PRODUCT SPECIFICATION

FILE CONTENT - FTSE EPRA/NAREIT Asia 33 Index Valuation Service (en3vddmm.csv)

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	Index Identification code	ENA3		String	Y
Index Name	Name of index or country	FTSE EPRA/NAREIT Developed Asia 33 Index		String	Y
Number of constituents	Total number of constituents within index	33		Integer	Y
US Dollar Index	US Dollar index value	1738.75	2	Float	Y
Sterling Index	Sterling index value	1389.48	2	Float	Y
Euro Index	Euro index value	1663.99	2	Float	Y
Japanese Yen Index	Japanese Yen index value	2080.11	2	Float	Y
Australian Dollar Index	Australian Dollar index value	123234.56	2	Float	Y
Local Currency Index	Local currency index value	1663.99	2	Float	Y
US Dollar TRI	US Dollar total return index value	1880.20	2	Float	Y
Sterling TRI	Sterling total return index value	1502.52	2	Float	Y
Euro TRI	Euro total return index value	1799.19	2	Float	Y
Japanese Yen TRI	Japanese Yen total return index value	2249.33	2	Float	Y
Australian Dollar TRI	Australian Dollar total return index value	234454.95	2	Float	Y
Local Currency TRI	Local total return index value	1799.19	2	Float	Y
MCap (\$)	Market Capitalisation in currency specified in millions at index close	206840.133320	6	Float	Y
MCap (£)	Market Capitalisation in currency specified in millions at index close	102563.660098	6	Float	Y
MCap (Euro)	Market Capitalisation in currency specified in millions at index close	152054.791825	6	Float	Y
MCap (Yen)	Market Capitalisation in currency specified in millions at index close	25327574.325008	6	Float	Y
MCap (AUD)	Market Capitalisation in currency specified in millions at index close	1213454654.543695	6	Float	Y
MCap (Local)	Market Capitalisation in currency specified in millions at index close	152054.791825	6	Float	Y
XD adjustment (YTD)	Ex-dividend adjustment year to date	24.861	3	Float-zero if null	Y
Dividend yield	Dividend Yield	3.16%	2	Percentage	N

FILE EXAMPLE

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FTSE EPRA/NAREIT Asia 33 Index 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 (\$),MCap (J),MCap (Euro),MCap (Yen),MCap (AUD),MCap (Local),XD adjustment (YTD),Dividend yield
ENA3,FTSE EPRA/NAREIT Developed Asia 33
Index,33,839.65,906.05,630.4,739.12,,834.82,962.55,1038.67,722.67,847.3,,957.02,128055.3618,85741.78898,95921.61936,11537788.1,185937.7985,993146.1643,0,5.49%
XXXXXXXXXX

EXCHANGE RATES FILE SPECIFICATION

An Exchange Rates file is provided free of charge with this service.

File Name	File Name and Extension
FTSE EPRA/NAREIT Asia Exchange Rate Service	<i>aixr d d m m . c s v</i> *

(* where *d d m m* is effective date and month)

FILE CONTENT

Field	Description	Decimal Places
Date	<i>d d m m y y y y</i> format	
ISO Currency Code	Currency code	
USD Exchange Rate	USD exchange rate used for calculation (WM/Reuters closing rates)	Up to 6

(*where *d d m m y y y y* is effective date, month and year)

FILE EXAMPLE

02/07/2007(C) FTSE International Limited 2007. All Rights Reserved
FTSE Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate

07/02/2007,AUD,1.165430
07/02/2007,EUR,0.733760
07/02/2007,GBP,0.496610
07/02/2007,HKD,7.815550
07/02/2007,JPY,122.315000
07/02/2007,NZD,1.279670
07/02/2007,SGD,1.523750
07/02/2007,USD,1.000000
XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 1.0 - Initial Product Specification - July 2007
- Version 1.1 - Redenomination from EUR to HKD - Aug 2007
- Version 1.2 - Addition of AUD values - February 2009
- Version 1.3 - Name Change - March 2009

FTSE CONTACT DETAILS

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