



PRODUCT SPECIFICATION

FTSE EPRA/NAREIT GLOBAL REAL ESTATE INDEX SERIES
DEVELOPED MARKETS INDICES
FTSE EPRA/NAREIT ASIA 33 INDEX
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 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 Tracker Service	en3tddmm.csv

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

FILE DDS PATH

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

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 (en3tdmm.csv)

Asia 33 TRACK01

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	FTSE Index codes	ENA3		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	33		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	33		Integer	Y
Previous Market Capitalisation (HKD)	Previous day's closing weighted market capitalisation in HKD Currency in millions	88085.331900	6	Float	Y
New Market Capitalisation (HKD)	Previous day's closing weighted market capitalisation in HKD Currency in millions, after weighting amendments effective today	88419.212425	6	Float	Y
Previous Divisor (HKD)	Previous day's index divisor in HKD Currency, millions	88020747.886267	6	Float	Y
New Divisor (HKD)	Today's index divisor in HKD Currency, millions	88354383.610441	6	Float	Y
XD Adjustment Value	Today's XD adjustment figure in HKD Currency	0.000	3	Float	Y

Asia 33 TRACK02

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identifier code	C76205		String	N
Constituent Name	Name of company	Japan Retail Fund Investment		String	N
ISIN Code	ISIN security Identifier	JP3039710003		String	N
SEDOL	SEDOL Security Identifier	6513342		String	N
CUSIP	CUSIP Security Identifier where available			String	N
ISO Country Code	Country code for Security (maximum 4 letters)	JA		String	N
MIC Exchange Code	Market Identification Code (MIC) for the Exchange of the Security (four letters)	XTKS		String	N
ISO Currency Code	ISO Currency code for Security (three letters)	JPY		String	N
Index Marker	Codes for indexes of which security is a constituent	ENA3		String	N
ICB Closing Subsector Code	ICB Sub-Sector number (4 digit code)			Integer	N
ICB New Subsector Code	ICB New Sub-Sector number (4 digit code)			Integer	N
Closing Price	Previous day's closing price in currency specified	833000	6	Float	N
Price Adjustment Factor	Price adjustment factor			Float	N
Adjusted Price	Share price in currency indicated after weighting amendment			Float	N
Previous Shares in Issue	Number of shares in issue before corporate amendment	220000		Integer	N
New Shares in Issue	Number of shares in issue after corporate amendment	275502		Integer	N
Previous Investibility Weight	Percentage of market capitalisation in issue included in the Indices at close		6	Float	N
New Investibility Weight	New percentage of market capitalisation included in the Indices 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

Asia 33 TRACK03

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	FTSE constituent identifier	C40690		String	Y
Constituent Name	Name of company	Macquarie Office		String	Y
ISIN Code	ISIN security Identifier	AU000000MOF8		String	Y
SEDOL	Stock Exchange Daily Official List (SEDOL) code	6703994		String	Y
CUSIP	Constituent CUSIP code where available			String	Y
ISO Country Code	Country code for Security (maximum 4 letters)	AU		String	Y
MIC Exchange Code	Market Identification Code (MIC) for the Exchange of the Security (four letters)	XASX		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	1967861000		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	21/12/2006		Date	Y
Dividend Amount	Dividend amount used for Total Return calculation (may be net or gross) (up to 6 decimal places)	0.028000	6	Float	Y
ISO Currency Code	Currency code for dividend payment	AUD		String	Y
Index Marker	Codes for indexes of which company is a constituent	ENA3		String	Y
XD Adjustment Value	Value for XD adjustment (gross except UK which are actual values) for each related index	0.297	3	Float	Y
FTSE Dividend Code	Dividend Code	I		String	Y
FTSE Dividend Notes	Details, where available, on dividend payments			String	Y

FILE EXAMPLE

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FTSE EPRA/NAREIT Asia 33 Index Tracker Service

Asia 33 TRACK01

Index Code,Old Number of Constituents,New Number of Constituents,Previous Market Capitalisation (HKD),New
Market Capitalisation (HKD),Previous Divisor (HKD),New Divisor (HKD),XD Adjustment Value
ENA3,33,33,88085.331900,88419.212425,88020747.886267,88354383.610441,0.000
YYYYYYYYYY

Asia 33 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
C76205,Japan Retail Fund
Investment,JP3039710003,6513342,,JA,XTKS,JPY,ENA3,,,833000.000000,,,220000,275502,,,IS,
YYYYYYYYYY

Asia 33 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
C40690,Macquarie
Office,AU000000M0F8,6703994,,AU,XASX,8737,1967861000,100.00,21/12/2006,0.028000,AUD,ENA3,0.297,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 EPRA/NAREIT Asia Exchange Rate Service	aixr <i>ddmm</i> .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

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 - Name change - March 2009

FTSE CONTACT DETAILS

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