

PRODUCT SPECIFICATION

FTSE Bursa Malaysia Index Series
Tracker Service



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INDEX SPECIFICATION

INDEX DESCRIPTION

- The FTSE Bursa Malaysia Index Series is designed to provide investors with a comprehensive and complementary set of indices, which measure the performance of the major capital and industry segments of the Malaysian market. The Malaysian companies listed on Main Market and ACE Market are eligible for inclusion, subject to meeting the stated eligibility requirements.

INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Codes (Markers)	FBMKLCI, FBM70, FBM100, FBMSCAP, FBMEMAS, FBMFLG, FBMMES FBMEMAS0001, FBMEMAS1000, FBMEMAS2000, FBMEMAS3000, FBMEMAS4000, FBMEMAS5000, FBMEMAS6000, FBMEMAS7000, FBMEMAS8000, FBMEMAS9000 FBMEMAS0500, FBMEMAS1300, FBMEMAS1700, FBMEMAS2300, FBMEMAS2700, FBMEMAS3300, FBMEMAS3500, FBMEMAS3700, FBMEMAS4500, FBMEMAS5300, FBMEMAS5500, FBMEMAS5700, FBMEMAS6500, FBMEMAS7500, FBMEMAS8300, FBMEMAS8500, FBMEMAS8600, FBMEMAS8700, FBMEMAS9500 FBMEMAS0530, FBMEMAS0570, FBMEMAS0580, FBMEMAS1350, FBMEMAS1730, FBMEMAS1750, FBMEMAS1770, FBMEMAS2350, FBMEMAS2710, FBMEMAS2720, FBMEMAS2730, FBMEMAS2750, FBMEMAS2770, FBMEMAS2790, FBMEMAS3350, FBMEMAS3530, FBMEMAS3570, FBMEMAS3720, FBMEMAS3740, FBMEMAS3760, FBMEMAS3780, FBMEMAS4530, FBMEMAS4570, FBMEMAS5330, FBMEMAS5370, FBMEMAS5550, FBMEMAS5750, FBMEMAS6530, FBMEMAS6570, FBMEMAS7530, FBMEMAS7570, FBMEMAS8350, FBMEMAS8530, FBMEMAS8570, FBMEMAS8630, FBMEMAS8670, FBMEMAS8770, FBMEMAS9530, FBMEMAS9570
Base Date	01 January 1977 – FBMKLCI 31 March 2006 – all other indices
Base Index Currency	MYR
Base Value	100 – FBMKLCI 6000 – all other indices

PRODUCT SPECIFICATION

FILE RANGE

HEADLINE INDICES:

Index Name	Index Code
FTSE Bursa Malaysia KLCI	FBMKLCI
FTSE Bursa Malaysia Mid 70 Index	FBM70
FTSE Bursa Malaysia Top 100 Index	FBM100
FTSE Bursa Malaysia Small Cap Index	FBMSCAP
FTSE Bursa Malaysia EMAS Index	FBMEMAS
FTSE Bursa Malaysia Fledgling Index	FBMFLG
FTSE Bursa Malaysia ACE Index	FBMMES

FTSE BURSA MALAYSIA EMAS INDEX - INDUSTRY INDICES:

Index Name	Index Code
FTSE Bursa Malaysia EMAS Index - Oil & Gas	FBMEMAS0001
FTSE Bursa Malaysia EMAS Index - Basic Materials	FBMEMAS1000
FTSE Bursa Malaysia EMAS Index - Industrials	FBMEMAS2000
FTSE Bursa Malaysia EMAS Index - Consumer Goods	FBMEMAS3000
FTSE Bursa Malaysia EMAS Index - Health Care	FBMEMAS4000
FTSE Bursa Malaysia EMAS Index - Consumer Services	FBMEMAS5000
FTSE Bursa Malaysia EMAS Index - Telecommunications	FBMEMAS6000
FTSE Bursa Malaysia EMAS Index - Utilities	FBMEMAS7000
FTSE Bursa Malaysia EMAS Index - Financials	FBMEMAS8000
FTSE Bursa Malaysia EMAS Index - Technology	FBMEMAS9000

FTSE BURSA MALAYSIA EMAS INDEX - SUPERSECTOR INDICES:

Index Name	Index Code
FTSE Bursa Malaysia EMAS Index - Oil & Gas	FBMEMAS0500
FTSE Bursa Malaysia EMAS Index - Chemicals	FBMEMAS1300
FTSE Bursa Malaysia EMAS Index - Basic Resources	FBMEMAS1700
FTSE Bursa Malaysia EMAS Index - Construction & Materials	FBMEMAS2300
FTSE Bursa Malaysia EMAS Index - Industrial Goods & Services	FBMEMAS2700
FTSE Bursa Malaysia EMAS Index - Automobiles & Parts	FBMEMAS3300
FTSE Bursa Malaysia EMAS Index - Food & Beverage	FBMEMAS3500
FTSE Bursa Malaysia EMAS Index - Personal & Household Goods	FBMEMAS3700
FTSE Bursa Malaysia EMAS Index - Health Care	FBMEMAS4500
FTSE Bursa Malaysia EMAS Index - Retail	FBMEMAS5300
FTSE Bursa Malaysia EMAS Index - Media	FBMEMAS5500
FTSE Bursa Malaysia EMAS Index - Travel & Leisure	FBMEMAS5700
FTSE Bursa Malaysia EMAS Index - Telecommunications	FBMEMAS6500
FTSE Bursa Malaysia EMAS Index - Utilities	FBMEMAS7500
FTSE Bursa Malaysia EMAS Index - Banks	FBMEMAS8300
FTSE Bursa Malaysia EMAS Index - Insurance	FBMEMAS8500
FTSE Bursa Malaysia EMAS Index - Real Estate	FBMEMAS8600
FTSE Bursa Malaysia EMAS Index - Financial Services	FBMEMAS8700
FTSE Bursa Malaysia EMAS Index - Technology	FBMEMAS9500

FTSE BURSA MALAYSIA EMAS INDEX - SECTOR INDICES:

Index Name	Index Code
FTSE Bursa Malaysia EMAS Index - Oil & Gas Producers	FBMEMAS0530
FTSE Bursa Malaysia EMAS Index - Oil Equipment, Services & Distribution	FBMEMAS0570
FTSE Bursa Malaysia EMAS Index - Alternative Energy	FBMEMAS0580
FTSE Bursa Malaysia EMAS Index - Chemicals	FBMEMAS1350
FTSE Bursa Malaysia EMAS Index - Forestry & Paper	FBMEMAS1730
FTSE Bursa Malaysia EMAS Index - Industrial Metals & Mining	FBMEMAS1750
FTSE Bursa Malaysia EMAS Index - Mining	FBMEMAS1770
FTSE Bursa Malaysia EMAS Index - Construction & Materials	FBMEMAS2350
FTSE Bursa Malaysia EMAS Index - Aerospace & Defense	FBMEMAS2710
FTSE Bursa Malaysia EMAS Index - General Industrials	FBMEMAS2720
FTSE Bursa Malaysia EMAS Index - Electronic & Electrical Equipment	FBMEMAS2730
FTSE Bursa Malaysia EMAS Index - Industrial Engineering	FBMEMAS2750
FTSE Bursa Malaysia EMAS Index - Industrial Transportation	FBMEMAS2770
FTSE Bursa Malaysia EMAS Index - Support Services	FBMEMAS2790
FTSE Bursa Malaysia EMAS Index - Automobiles & Parts	FBMEMAS3350
FTSE Bursa Malaysia EMAS Index - Beverages	FBMEMAS3530
FTSE Bursa Malaysia EMAS Index - Food Producers	FBMEMAS3570
FTSE Bursa Malaysia EMAS Index - Household Goods & Home Construction	FBMEMAS3720
FTSE Bursa Malaysia EMAS Index - Leisure Goods	FBMEMAS3740
FTSE Bursa Malaysia EMAS Index - Personal Goods	FBMEMAS3760
FTSE Bursa Malaysia EMAS Index - Tobacco	FBMEMAS3780
FTSE Bursa Malaysia EMAS Index - Health Care Equipment & Services	FBMEMAS4530
FTSE Bursa Malaysia EMAS Index - Pharmaceuticals & Biotechnology	FBMEMAS4570
FTSE Bursa Malaysia EMAS Index - Food & Drug Retailers	FBMEMAS5330
FTSE Bursa Malaysia EMAS Index - General Retailers	FBMEMAS5370
FTSE Bursa Malaysia EMAS Index - Media	FBMEMAS5550
FTSE Bursa Malaysia EMAS Index - Travel & Leisure	FBMEMAS5750
FTSE Bursa Malaysia EMAS Index - Fixed Line Telecommunications	FBMEMAS6530
FTSE Bursa Malaysia EMAS Index - Mobile Telecommunications	FBMEMAS6570
FTSE Bursa Malaysia EMAS Index - Electricity	FBMEMAS7530
FTSE Bursa Malaysia EMAS Index - Gas, Water & Multiutilities	FBMEMAS7570
FTSE Bursa Malaysia EMAS Index - Banks	FBMEMAS8350
FTSE Bursa Malaysia EMAS Index - Nonlife Insurance	FBMEMAS8530
FTSE Bursa Malaysia EMAS Index - Life Insurance	FBMEMAS8570
FTSE Bursa Malaysia EMAS Index - Real Estate Investment & Services	FBMEMAS8630
FTSE Bursa Malaysia EMAS Index - Real Estate Investment Trusts	FBMEMAS8670
FTSE Bursa Malaysia EMAS Index - Financial Services	FBMEMAS8770
FTSE Bursa Malaysia EMAS Index - Equity Investment Instruments	FBMEMAS8980
FTSE Bursa Malaysia EMAS Index - Software & Computer Services	FBMEMAS9530
FTSE Bursa Malaysia EMAS Index - Technology Hardware & Equipment	FBMEMAS9570

FILE NAME

File Name	File Name & Extension	File Content
FTSE Bursa Malaysia Full Tracker Service	<i>bmitddmm.csv</i>	FBMKLCI, FBM70, FBM100, FBMSCAP, FBMEMAS, FMBFLG FBMEMAS0001, FBMEMAS1000, FBMEMAS2000, FBMEMAS3000, FBMEMAS4000, FBMEMAS5000, FBMEMAS6000, FBMEMAS7000, FBMEMAS8000, FBMEMAS9000 FBMEMAS0500, FBMEMAS1300, FBMEMAS1700, FBMEMAS2300, FBMEMAS2700, FBMEMAS3300, FBMEMAS3500, FBMEMAS3700, FBMEMAS4500, FBMEMAS5300, FBMEMAS5500, FBMEMAS5700, FBMEMAS6500, FBMEMAS7500, FBMEMAS8300, FBMEMAS8500, FBMEMAS8600, FBMEMAS8700, FBMEMAS9500 FBMEMAS0530, FBMEMAS0570, FBMEMAS0580, FBMEMAS1350, FBMEMAS1730, FBMEMAS1750, FBMEMAS1770, FBMEMAS2350, FBMEMAS2710, FBMEMAS2720, FBMEMAS2730, FBMEMAS2750, FBMEMAS2770, FBMEMAS2790, FBMEMAS3350, FBMEMAS3530, FBMEMAS3570, FBMEMAS3720, FBMEMAS3740, FBMEMAS3760, FBMEMAS3780, FBMEMAS4530, FBMEMAS4570, FBMEMAS5330, FBMEMAS5370, FBMEMAS5550, FBMEMAS5750, FBMEMAS6530, FBMEMAS6570, FBMEMAS7530, FBMEMAS7570, FBMEMAS8350, FBMEMAS8530, FBMEMAS8570, FBMEMAS8630, FBMEMAS8670, FBMEMAS8770, FBMEMAS9530, FBMEMAS9570
FTSE Bursa Malaysia Tradable Tracker Service	<i>bm1tddmm.csv</i>	FBMKLCI
FTSE Bursa Malaysia ACE Tracker Service	<i>Bmetddmm.csv</i>	FBMMES

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

FILE DDS PATH

ftp://data.ftse.com/data/bursamalaysia/full_tracker
 ftp://data.ftse.com/data/bursamalaysia/tradable_tracker
 ftp://data.ftse.com/data/bursamalaysia/mesdaq_tracker

SERVICE TIMING

All files are available by 19:00 Local time (11:00 hours London time GMT or 12:00 hours British Summertime).

PRODUCT SPECIFICATION

FILE CONTENT

Bursa_Malaysia01 - Index level data

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	FTSE Index codes	FBM100		String	N
Old Number of Constituents	Number of lines of stock included in index calculation (including secondary lines), for previous day's close market capitalisation calculation	100	0	Integer	N
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	100	0	Integer	N
Previous Market Capitalisation	Previous day's closing weighted market capitalisation in Malaysia Ringgit Currency in millions	288033.9	6	Float	N
New Market Capitalisation	Previous day's closing weighted market capitalisation in Malaysia Ringgit Currency in millions, after weighting amendments effective today	288033.9	6	Float	N
Previous Divisor	Previous day's index divisor in Malaysia Ringgit Currency, millions	46.2434	6	Float	N
New Divisor	Today's index divisor in Malaysia Ringgit Currency, millions	46.2434	6	Float	N
XD Adjustment Value	Today's XD adjustment figure in Malaysia Ringgit Currency	0	3	Float	N

Bursa_Malaysia02 - Stock level data - weighting amendments

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identifier code			Cons-leading C	N
Constituent Name	Name of company			String	N
SEDOL	SEDOL Security Identifier			SEDOL	N
Local Market Code	Bursa Malaysia local market code			String	N
Country Code	Country code for Security			String	N
Exchange Code	Exchange code for Security			String	N
ISO Code	ISO Currency code for Security			String	N
Index Marker	Codes for indexes of which security is a constituent			String	N
Closing Subsector Code	Old ICB 4-digit Sub-sector classification code			Integer	N
New Subsector Code	New ICB 4-digit Sub-sector classification code			Integer	N
Closing Price	Previous day's closing price in currency specified		6	Float	N
Price Adjustment Factor	Price adjustment factor		6	Float	N
Adjusted Price	Share price in currency indicated after weighting amendment		6	Float	N
Previous Shares in Issue	Number of shares in issue before corporate amendment		0	Integer	N
New Shares in Issue	Number of shares in issue after corporate amendment		0	Integer	N
Previous Investability Weight	Percentage of market capitalisation in issue included in the Indices at close		6	Float	N
New Investability Weight	New percentage of market capitalisation included in the Indexes close		6	Float	N
Amendment Code	Code for weighting and housekeeping amendments			String	N
Amendment Notes	Details, where available, on weighting amendment code			String	N

Bursa_Malaysia03 - Stock level data - Ex-dividend changes

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	FTSE constituent identifier	C75376		Cons-leading c	N
Constituent Name	Name of company	Duopharma Biotech BHD		String	N
SEDOL	SEDOL Security Identifier	B01QKV7		SEDOL	N
Local Market Code	Bursa Malaysia local market code			String	N
Country Code	Country code for security	MAL		String	N
Exchange Code	Exchange source	FNK		String	N
Subsector Code	ICB 4-digit Sub-sector classification code	4577		Integer	N
Shares in Issue	Number of shares in issue for today's calculation	139357500	0	Integer	N
Investability Weight	Percentage of shares in issue included in the indexes	75	2	Float	N
Ex-Dividend Date	Date the security is XD	18/05/2006		Date time	N
Dividend Amount	Dividend amount used for Total Return calculation (may be net or gross) (up to 6 decimal places)	0.126	6	Float	N
ISO Currency Code	Currency code for dividend payment	MYR		String	N
Index Marker	Codes for indexes of which company is a constituent	FBMSCAP		String	N
XD Adjustment Value	Value for XD adjustment (gross except UK which are actual values) for each related index	2.106	3	Float	N
FTSE Dividend Code	Dividend Code	A		String	N
FTSE Dividend Notes	Details, where available, on dividend payments			String	N

FILE EXAMPLE

- **bmitddmm.csv**

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Bursa_Malaysia01

Index Code,Old Number of Constituents,New Number of Constituents,Previous
Market Capitalisation,New Market Capitalisation,Previous Divisor,New
Divisor,XD Adjustment Value

FBMKLCI, 30, 30, 209670.098962, 209670.098962, 219.836082, 219.836082, 0.000
FBM100, 100, 100, 288033.903001, 288033.903001, 46.243402, 46.243402, 0.000
FBM70, 70, 70, 78363.804039, 78363.804039, 12.291100, 12.291100, 0.000
FBMEMAS, 309, 309, 328971.487555, 328971.487555, 52.492467, 52.492467, 0.274
FBMFLG, 247, 247, 12543.584194, 12543.584194, 1.909063, 1.909063, 0.000
FBMSCAP, 209, 209, 40937.584554, 40937.584554, 6.254133, 6.254133, 2.298
YYYYYYYYYY

Bursa_Malaysia02

Cons Code,Constituent Name,SEDOL,Local Market Code,Country code,Exchange
Code,ISO Code,Index Marker,Closing Subsector Code,New Subsector
Code,Closing Price,Price Adjustment Factor,Adjusted Price,Previous Shares
in Issue,New Shares in Issue,Previous Investability Weight,New
Investability Weight,Amendment Code,Amendment Notes
YYYYYYYYYY

Bursa_Malaysia03

Cons Code,Constituent Name,SEDOL,Local Market Code,Country Code,Exchange
Code,Subsector Code,Shares in Issue,Investability Weight,Ex-Dividend
Date,Dividend Amount,ISO Currency Code,Index Marker,XD Adjustment
Value,FTSE Dividend Code,FTSE Dividend Notes
C75376,Duopharma Biotech
BHD,B01QKV7,,MAL,FNK,4577,139357500,75.00,18/05/2006,0.126000,MYR,FBMSCAP,2
.106,A,
C99433,BP Plastics
Holding,B06B9D2,,MAL,FNK,1357,120000000,50.00,18/05/2006,0.020000,MYR,FBMSC
AP,0.192,F,
C99433,BP Plastics
Holding,B06B9D2,,MAL,FNK,1357,120000000,50.00,18/05/2006,0.020000,MYR,FBMEM
AS,0.023,F,
C75376,Duopharma Biotech
BHD,B01QKV7,,MAL,FNK,4577,139357500,75.00,18/05/2006,0.126000,MYR,FBMEMAS,0
.251,A,
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 Bursa Malaysia Exchange Rates File (* where <i>ddmm</i> is effective date and month)	<i>bmxr ddmm.csv*</i>

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

05/01/2006(C) FTSE International Limited 2006. All Rights Reserved
FTSE Bursa Malaysia Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate
05/01/2006,AUD,1.36323
05/01/2006,CNY,8.0702
05/01/2006,EUR,0.84778
05/01/2006,HKD,7.75355
05/01/2006,IDR,9840
05/01/2006,INR,45.01
05/01/2006,JPY,118.03
05/01/2006,KRW,1010.85
05/01/2006,MYR,3.7795
05/01/2006,NZD,1.46832
05/01/2006,PHP,53.035
05/01/2006,PKR,59.79
05/01/2006,SGD,1.6628
05/01/2006,THB,41
05/01/2006,TWD,32.843
05/01/2006,USD,1
XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 0.1 - Initial Product Specification - December 2005
- Version 0.2 - Base Value for FBM30 corrected from 926.63 to 6000 - October 2006
- Version 0.3 - Add FBMMES and FBM2B to product specification - August 2007
- Version 0.4 - FBMKLCI update - April 2009
- Version 0.5 - Removal of FBM2B - June 2009
- Version 0.6 - Addition of sector indices - October 2011

FTSE CONTACT DETAILS

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

APPENDIX A

- *FTSE Dividend Codes*

Code	Type of Dividend	FTSE Dividend Notes
F	Final Dividend	
I	Interim Dividend	
Q	Quarter Dividend	
D	Final FID Dividend	
R	Interim FID Dividend	
T	Quarter FID Dividend	
H	Final Ord/FID Dividend	amount of FID payment
J	Interim Ord/FID Dividend	amount of FID payment
K	Quarter Ord/FID Dividend	amount of FID payment
S	Special Dividend	
M	Miscellaneous dividend	
Y	Annually paid dividend	

- **FTSE Amendment Codes**

Note that housekeeping changes will appear above corporate actions in the file.

Housekeeping Changes

CODE	FTSE Amendment Note	Notes for service user
CA	Constituent Addition	Includes quarterly review changes and classification changes
CD	Constituent Deletion	Includes quarterly review changes and classification changes
NC	Name Change	Former name will appear in notes field
SC	SEDOL Change	Former SEDOL code will appear in notes field
CS	CUSIP Change	Former CUSIP code will appear in notes field
CU	Currency Change	Former currency will appear in notes field
SS	Subsector Change	Subsector Classification Code Change
IC	Investability weight change	Terms included in notes field, as available
SW	share weight change	
MC	EPIC Change	Former EPIC code will appear in notes field

Corporate Actions

CODE	FTSE Amendment Note	Notes for service user
CP	Capital Repayment	Terms included in notes field, as available
CI	Capitalisation Issue	Terms included in notes field, as available
RI	Rights Issue	Terms included in notes field, as available
SB	Subdivision	Terms included in notes field, as available
CX	Complex	
CN	Consolidation	Terms included in notes field, as available
IS	Share Change	Includes: Employee shares Exercise of Options Exercise of Warrants Further Issue Issue for Cash Offer for subscription Satisfaction of loan Merger Placing Scheme of Arrangement Vendor Consideration Buy-back Cap in lieu of dividend Company Reorganisation Conversion of shares Exchange Offer