

PRODUCT SPECIFICATION

FTSE ST Index Series
Tracker Service



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INDEX SPECIFICATION

INDEX DESCRIPTION

- The FTSE ST Index Series is designed to represent the performance of Singaporean companies, providing investors with a comprehensive and complementary set of indices, which measure the performance of the major capital and industry segments of the Singaporean market.

INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Codes	STI, FSTM, FSTS, FSTAS, FSTF, FSTC, FSTAM FSTAS0001, FSTAS1000, FSTAS2000, FSTAS3000, FSTAS4000, FSTAS5000, FSTAS6000, FSTAS7000, FSTAS8000, FSTAS9000 FSTAS0500, FSTAS1300, FSTAS1700, FSTAS2300, FSTAS2700, FSTAS3300, FSTAS3500, FSTAS3700, FSTAS4500, FSTAS5300, FSTAS5500, FSTAS5700, FSTAS6500, FSTAS7500, FSTAS8300, FSTAS8500, FSTAS8600, FSTAS8700, FSTAS9500 FSTAS0530, FSTAS0570, FSTAS0580, FSTAS1350, FSTAS1730, FSTAS1750, FSTAS1770, FSTAS2350, FSTAS2710, FSTAS2720, FSTAS2730, FSTAS2750, FSTAS2770, FSTAS2790, FSTAS3350, FSTAS3530, FSTAS3570, FSTAS3720, FSTAS3740, FSTAS3760, FSTAS3780, FSTAS4530, FSTAS4570, FSTAS5330, FSTAS5370, FSTAS5550, FSTAS5750, FSTAS6530, FSTAS6570, FSTAS7530, FSTAS7570, FSTAS8350, FSTAS8530, FSTAS8570, FSTAS8630, FSTAS8670, FSTAS8770, FSTAS9530, FSTAS9570
Base Index Date	09 January 2008 – STI 05 October 2007 – all other indices
Base Index Value	3344.53 – STI (both price index and TRI) 1000 – all other indices (both price index and TRI)
Base Index Currency	SGD
Base Currency Date	05 October 2007

PRODUCT SPECIFICATION

FILE RANGE

HEADLINE INDICES:

Index Name	Index Code
STI	STI
FTSE ST Mid Cap Index	FSTM
FTSE ST Small Cap Index	FSTS
FTSE ST All-Share Index	FSTAS
FTSE ST Fledgling Index	FSTF
FTSE ST China Index	FSTC
FTSE ST Maritime Index	FSTAM

FTSE ST ALL SHARE INDEX - INDUSTRY INDICES:

Index Name	Index Code
FTSE ST Oil & Gas Index	FSTAS0001
FTSE ST Basic Materials Index	FSTAS1000
FTSE ST Industrials Index	FSTAS2000
FTSE ST Consumer Goods Index	FSTAS3000
FTSE ST Health Care Index	FSTAS4000
FTSE ST Consumer Services Index	FSTAS5000
FTSE ST Telecommunications Index	FSTAS6000
FTSE ST Utilities Index	FSTAS7000
FTSE ST Financials Index	FSTAS8000
FTSE ST Technology Index	FSTAS9000

FTSE ST ALL SHARE INDEX - SUPERSECTOR INDICES:

Index Name	Index Code
FTSE ST Oil & Gas Index	FSTAS0500
FTSE ST Chemicals Index	FSTAS1300
FTSE ST Basic Resources Index	FSTAS1700
FTSE ST Construction & Materials Index	FSTAS2300
FTSE ST Industrial Goods & Services Index	FSTAS2700
FTSE ST Automobiles & Parts Index	FSTAS3300
FTSE ST Food & Beverage Index	FSTAS3500
FTSE ST Personal & Household Goods Index	FSTAS3700
FTSE ST Health Care Index	FSTAS4500
FTSE ST Retail Index	FSTAS5300
FTSE ST Media Index	FSTAS5500
FTSE ST Travel & Leisure Index	FSTAS5700
FTSE ST Telecommunications Index	FSTAS6500
FTSE ST Utilities Index	FSTAS7500
FTSE ST Banks Index	FSTAS8300
FTSE ST Insurance Index	FSTAS8500
FTSE ST Real Estate Index	FSTAS8600
FTSE ST Financial Services Index	FSTAS8700
FTSE ST Technology Index	FSTAS9500

FTSE ST ALL SHARE INDEX - SECTOR INDICES:

Index Name	Index Code
FTSE ST Oil & Gas Producers Index	FSTAS0530
FTSE ST Oil Equipment, Services & Distribution Index	FSTAS0570
FTSE ST Alternative Energy Index	FSTAS0580
FTSE ST Chemicals Index	FSTAS1350
FTSE ST Forestry & Paper Index	FSTAS1730
FTSE ST Industrial Metals & Mining Index	FSTAS1750
FTSE ST Mining Index	FSTAS1770
FTSE ST Construction & Materials Index	FSTAS2350
FTSE ST Aerospace & Defense Index	FSTAS2710
FTSE ST General Industrials Index	FSTAS2720
FTSE ST Electronic & Electrical Equipment Index	FSTAS2730
FTSE ST Industrial Engineering Index	FSTAS2750
FTSE ST Industrial Transportation Index	FSTAS2770
FTSE ST Support Services Index	FSTAS2790
FTSE ST Automobiles & Parts Index	FSTAS3350
FTSE ST Beverages Index	FSTAS3530
FTSE ST Food Producers Index	FSTAS3570
FTSE ST Household Goods & Home Construction Index	FSTAS3720
FTSE ST Leisure Goods Index	FSTAS3740
FTSE ST Personal Goods Index	FSTAS3760
FTSE ST Tobacco Index	FSTAS3780
FTSE ST Health Care Equipment & Services Index	FSTAS4530
FTSE ST Pharmaceuticals & Biotechnology Index	FSTAS4570
FTSE ST Food & Drug Retailers Index	FSTAS5330
FTSE ST General Retailers Index	FSTAS5370
FTSE ST Media Index	FSTAS5550
FTSE ST Travel & Leisure Index	FSTAS5750
FTSE ST Fixed Line Telecommunications Index	FSTAS6530
FTSE ST Mobile Telecommunications Index	FSTAS6570
FTSE ST Electricity Index	FSTAS7530
FTSE ST Gas, Water & Multiutilities Index	FSTAS7570
FTSE ST Banks Index	FSTAS8350
FTSE ST Nonlife Insurance Index	FSTAS8530
FTSE ST Life Insurance Index	FSTAS8570
FTSE ST Real Estate Investment & Services Index	FSTAS8630
FTSE ST Real Estate Investment Trusts Index	FSTAS8670
FTSE ST Financial Services Index	FSTAS8770
FTSE ST Software & Computer Services Index	FSTAS9530
FTSE ST Technology Hardware & Equipment Index	FSTAS9570

FILE NAME

File Name	File Name & Extension
STI Tracker Service	<i>fsttddmm.csv*</i>
FTSE ST Full Tracker Service	<i>fttddmm.csv*</i>

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

FILE DDS PATH

ftp://data.ftse.com/data/sti/tracker

ftp://data.ftse.com/data/straits_times/tracker

ftp://data.ftse.com/data/sti/exchange_rates (exchange rates file)

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 - STI Tracker Service (fsttddmm.csv)
 - FTSE ST Full Tracker Service (fttddmm.csv)

ST_Index_Series01 - Index level data

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	FTSE Index codes	STI		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	30	0	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	30	0	Integer	Y
Previous Market Capitalisation	Previous day's closing weighted market capitalisation in Singapore Dollar Currency in millions	255617.348117	6	Float	Y
New Market Capitalisation	Previous day's closing weighted market capitalisation in Singapore Dollar Currency in millions, after weighting amendments effective today	255617.348117	6	Float	Y
Previous Divisor	Previous day's index divisor in Singapore Dollar Currency, millions	260.338595	6	Float	Y
New Divisor	Today's index divisor in Singapore Dollar Currency, millions	260.338595	6	Float	Y
XD Adjustment Value	Today's XD adjustment figure in Singapore Dollar Currency	0.168	3	Float	Y

ST_Index_Series02 - Stock level data - weighting amendments

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	Constituent identifier code	C20537		String	N
Constituent Name	Name of company	Thai Beverage		String	N
SEDOL	SEDOL Security Identifier	B15F664		String	N
Local Market Code	Singapore Domestic local market code	Y92		String	N
Country Code	Country code for Security	THAI		String	N
Exchange Code	Exchange code for Security	FMS		String	N
ISO Code	ISO Currency code for Security	SGD		String	N
Index Marker	Codes for indexes of which security is a constituent	FSTICA		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	0.260000	6	Float	N
Price Adjustment Factor	Price adjustment factor	1.000000	6	Float	N
Adjusted Price	Share price in currency indicated after weighting amendment	0.260000	6	Float	N
Previous Shares in Issue	Number of shares in issue before corporate amendment			Integer	N
New Shares in Issue	Number of shares in issue after corporate amendment			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	CU		String	N
Amendment Notes	Details, where available, on weighting amendment code	THB		String	N

ST_Index_Series03 - Stock level data - Ex-dividend changes

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons Code	FTSE constituent identifier	C85904		String	N
Constituent Name	Name of company	CapitaCommercial Trust		String	N
SEDOL	Stock Exchange Daily Official List (SEDOL) code	B011YD2		String	N
Local Market Code	Singapore Domestic local market code	C61		String	N
Country Code	Country code for security	SI		String	N
Exchange Code	Exchange source	FMS		String	N
Subsector Code	ICB 4-digit Sub-sector classification code	8737		Integer	N
Shares in Issue	Number of shares in issue for today's calculation	1375239677		Integer	N
Investability Weight	Percentage of shares in issue included in the indexes	75.00	2	Float	N
Ex-Dividend Date	Date the security is XD	21/04/2009		Date time	N
Dividend Amount	Dividend amount used for Total Return calculation (may be net or gross) (up to 6 decimal places)	0.0423	6	Float	N
ISO Currency Code	Currency code for dividend payment	SGD		String	N
Index Marker	Codes for indexes of which company is a constituent	STI		String	N
XD Adjustment Value	Value for XD adjustment (gross except UK which are actual values) for each related index	0.168	3	Float	N
FTSE Dividend Code	Dividend Code	F		String	N
FTSE Dividend Notes	Details, where available, on dividend payments			String	N

FILE EXAMPLE

- *fsttdmm.csv*

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STI Tracker Service

ST_Index_Series01

Index Code,Old Number of Constituents,New Number of Constituents,Previous Market
Capitalisation,New Market Capitalisation,Previous Divisor,New Divisor,XD Adjustment Value
STI,30,30,255617.348117,255617.348117,260.338595,260.338595,0.168
YYYYYYYYYY

ST_Index_Series02

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
C20537,Thai Beverage,B15F664,Y92,THAI,FMS,SGD,FTSCT,,,0.260000,1.000000,
0.260000,,,,,CU,THB
YYYYYYYYYY

ST_Index_Series03

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
C85904,"CapitaCommercial
Trust",B011YD2,C61,SI,FMS,8737,1375239677,75.00%,21/04/2009,0.042300,SGD,STI,0.168,F,
YYYYYYYYYY
XXXXXXXXXX

EXCHANGE RATES FILE SPECIFICATION

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

FILE NAME

File Name	File Name and Extension
FTSE Singapore Exchange Rate Service	sixr <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

21/04/2009 (C) FTSE International Limited 2009. All Rights Reserved
FTSE Singapore Exchange Rates Service

Date,ISO Currency Code,USD Exchange Rate
10/01/2007,HKD,7.797000
10/01/2007,SGD,1.294200
10/01/2007,USD,1.000000
XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 1.0 - Initial Product Specification - August 2007
- Version 1.1 - Addition of FTSE ST Maritime Index - July 2009
- Version 1.2 - ICB hierarchy, index code change - November 2009
- Version 1.3 - Addition of supersector and sector indices - April 2010
- Version 1.4 - Correction of exchange rates file - October 2010

FTSE CONTACT DETAILS

For FTSE contact details please visit 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