

PRODUCT SPECIFICATION

FTSE ASFA Australia Index Series
Sector Valuation Service – Tax Adjusted Indices

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INDEX SPECIFICATION

INDEX DESCRIPTION

- The FTSE ASFA Australia Index Series has been created to provide investors a series of tax-adjusted indices for a more accurate representation of performance. In particular:
 - **To provide a more accurate measurement of performance** by taking into account the differing tax positions of investors
 - **A better representation of the market** by not fixing the constituents to allow the indices to expand and contract with the market
 - **Provide investors with a comprehensive and complementary set of indices** which measure the performance of the major capital segments of the Australian market.

INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Name	FTSE ASFA Australia Index Series
Base Index Date	04/09/2009
Base Index Value	5000
Base Index Currency	Australian Dollar
Base Currency Date	04/09/2009

PRODUCT SPECIFICATION

FILE RANGE

The following indices will be included with their industry groups, supersectors and sector sub indices.

Index Name	Index Code (Marker)	Example SectorCode (Marker)
FTSE ASFA Australia Large Cap 50 Index – Tax Exempt	FAUSLX	FAUSLX8530*
FTSE ASFA Australia Large Cap 50 Index – Superannuation	FAUSLS	FAUSLS____
FTSE ASFA Australia Large Cap 50 Index – Mid Tax	FAUSLM	FAUSLM____
FTSE ASFA Australia Large Cap 50 Index – High Tax	FAUSLH	FAUSLH____
FTSE ASFA Australia Mid Cap 150 Index – Tax Exempt	FAUSMX	FAUSMX____
FTSE ASFA Australia Mid Cap 150 Index – Superannuation	FAUSMS	FAUSMS____
FTSE ASFA Australia Mid Cap 150 Index – Mid Tax	FAUSMM	FAUSMM____
FTSE ASFA Australia Mid Cap 150 Index – High Tax	FAUSMH	FAUSMH____
FTSE ASFA Australia 200 Index – Tax Exempt	FAUSLMX	FAUSLMX____
FTSE ASFA Australia 200 Index – Superannuation	FAUSLMS	FAUSLMS____
FTSE ASFA Australia 200 Index – Mid Tax	FAUSLMM	FAUSLMM____
FTSE ASFA Australia 200 Index – High Tax	FAUSLMH	FAUSLMH____
FTSE ASFA Australia Small Cap Index – Tax Exempt	FAUSSX	FAUSSX____
FTSE ASFA Australia Small Cap Index – Superannuation	FAUSSS	FAUSSS____
FTSE ASFA Australia Small Cap Index – Mid Tax	FAUSSM	FAUSSM____
FTSE ASFA Australia Small Cap Index – High Tax	FAUSSH	FAUSSH____
FTSE ASFA Australia All-Share Index – Tax Exempt	FAUSAX	FAUSAX____
FTSE ASFA Australia All-Share Index – Superannuation	FAUSAS	FAUSAS____
FTSE ASFA Australia All-Share Index – Mid Tax	FAUSAM	FAUSAM____
FTSE ASFA Australia All-Share Index – High Tax	FAUSAH	FAUSAH____
FTSE ASFA Australia All-Share ex 100 Index – Tax Exempt	FAUSXX	FAUSXX____
FTSE ASFA Australia All-Share ex 100 Index – Superannuation	FAUSXS	FAUSXS____
FTSE ASFA Australia All-Share ex 100 Index – Mid Tax	FAUSXM	FAUSXM____
FTSE ASFA Australia All-Share ex 100 Index – High Tax	FAUSXH	FAUSXH____

* 8530 refers to the four number ICB Sector Code, in this instance it is the Nonlife Insurance Sector. The full list of ICB codes can be found in Appendix A.

FILE NAME

File Name	File Name & Extension	File Content
FTSE ASFA Australia Tax Exempt Valuation Service	au1vddmm.csv	FAUSLX, FAUSMX, FAUSLMX FAUSSX, FAUSAX, FAUSXX
FTSE ASFA Australia Mid Tax Valuation Service	au2vddmm.csv	FAUSLM,FAUSMM,FAUSLMM, FAUSSM, FAUSAM, FAUSXM
FTSE ASFA Australia High Tax Valuation Service	au3vddmm.csv	FAUSLH,FAUSMH,FAUSLMH, FAUSSH, FAUSAH, FAUSXH
FTSE ASFA Australia Superannuation Valuation Service	au4vddmm.csv	FAUSLS, FAUSMS,FAUSLMS, FAUSSS, FAUSAS, FAUSXS

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

FILE DDS PATH

ftp://data.ftse.com/ANOT_sectors/valuation

SERVICE TIMING

Available by 08:15 hours GMT (Greenwich Mean Time) or 10:15 BST (British Summertime) as applicable.

PRODUCT SPECIFICATION

FILE CONTENT

- **au1vddmm.csv, au2vddmm.csv, au3vddmm.csv, au4vddmm.csv**

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Index Code	Sector or Index identification code			String	Y
Index Name	Name of index			String	Y
Number of Constituents	Total number of constituents within index			Integer	Y
AUD Index	Australian dollar index value		2	Float	Y
US Dollar Index	US dollar index value		2	Float	Y
Sterling Index	Sterling index value		2	Float	Y
Euro Index	Euro index value		2	Float	Y
Japanese Yen Index	Japanese yen index value		2	Float	Y
AUD TRI	Australian dollar total return index value		2	Float	Y
US Dollar TRI	US dollar total return index value		2	Float	Y
Sterling TRI	Sterling total return index value		2	Float	Y
Euro TRI	Euro total return index value		2	Float	Y
Japanese Yen TRI	Japanese yen total return index value		2	Float	Y
Mkt Cap (AUD)	Market Capitalisation in currency specified in millions at index close		6	Float	Y
Mkt Cap (USD)	Market Capitalisation in currency specified in millions at index close		6	Float	Y
Mkt Cap (Sterling)	Market Capitalisation in currency specified in millions at index close		6	Float	Y
Mkt Cap (Euro)	Market Capitalisation in currency specified in millions at index close		6	Float	Y
Mkt Cap (Yen)	Market Capitalisation in currency specified in millions at index close		6	Float	Y
XD adjustment (YTD)	Ex-dividend adjustment year to date		3	Float-zero if null	Y
Dividend Yield	Dividend Yield		2	Float	Y

FILE EXAMPLE

- **au1vddmm.csv**

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FTSE ASFA Australia Tax Exempt Valuation Service

Index Code,Index Name,Number of Constituents,AUD Index,US Dollar Index,Sterling Index,Euro Index,Japanese Yen Index,AUD TRI,US Dollar TRI,Sterling TRI,Euro TRI,Japanese Yen TRI,Mkt Cap (AUD),Mkt Cap (USD),Mkt Cap (Sterling),Mkt Cap (Euro),Mkt Cap (Yen),XD adjustment (YTD),Dividend yield

FAUSAX,FTSE ASFA Australia All-Share Index - Tax Exempt,395,4993.66,5293.14,5545.81,5936.05,4877.66,5225.86,5539.30,5803.71,6212.11,5104.50,1085 864857079.236600,967288414686.886230,620613637037.441040,760446866891.646480,825580661935 25.734000,13.816,5.49

FAUSAX0001,FTSE ASFA Australia All-Share Index - Tax Exempt Index - Oil &
Gas,47,4685.06,5032.50,5272.73,5643.76,4637.49,4865.01,5226.67,5476.17,5861.52,4816.42,62956781
838.288750,56081901261.588333,35982228449.614502,44089545016.939514,4786590272676.563500,3
4.784,3.57

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 Australia Exchange Rates Service	auxr <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	Up to 6

(*where *ddmmyyyy* is effective date, month and year)

FILE DDS PATH

ftp://data.ftse.com/australia/exchange_rate

FILE EXAMPLE

29/05/2009 (C) FTSE International Limited 2009. All Rights Reserved
FTSE Australia Exchange Rates Service

```
Date, ISO Currency Code, USD Exchange Rate
29/05/2009, USD, 1
29/05/2009, AUD, 1.231679
29/05/2009, GBP, 0.60872
29/05/2009, EUR, 0.703037
29/05/2009, JPY, 94.47
XXXXXXXXXX
```

VERSION HISTORY

Product Specification Document Version History

Version 1.0 - Initial Product Specification - August 2010

FTSE CONTACT DETAILS

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

Appendix A

- ICB System**

<i>Industry</i>	<i>Supersector</i>	<i>Sector</i>	<i>Subsector</i>
0001 Oil & Gas	0500 Oil & Gas	0530 Oil & Gas Producers	0533 Exploration & Production
			0537 Integrated Oil & Gas
		0570 Oil Equipment & Services	0573 Oil Equipment & Services
			0577 Pipelines
0580 Alternative Energy	0583 Renewable Energy Equipment		
	0587 Alternative Fuels		
1000 Basic Materials	1300 Chemicals	1350 Chemicals	1353 Commodity Chemicals
			1357 Specialty Chemicals
	1700 Basic Resources	1730 Forestry & Paper	1733 Forestry
			1737 Paper
		1750 Industrial Metals & Mining	1753 Aluminum
			1755 Nonferrous Metals
	1757 Iron & Steel		
	1770 Mining	1771 Coal	
		1773 Diamonds & Gemstones	
		1775 General Mining	
		1777 Gold Mining	
		1779 Platinum & Precious Metals	
2000 Industrials	2300 Construction & Materials	2350 Construction & Materials	2353 Building Materials & Fixtures
			2357 Heavy Construction
	2700 Industrial Goods & Services	2710 Aerospace & Defense	2713 Aerospace
			2717 Defense
		2720 General Industrials	2723 Containers & Packaging
			2727 Diversified Industrials
		2730 Electronic & Electrical Equipment	2733 Electrical Components & Equipment
			2737 Electronic Equipment
		2750 Industrial Engineering	2753 Commercial Vehicles & Trucks
			2757 Industrial Machinery
		2770 Industrial Transportation	2771 Delivery Services
			2773 Marine Transportation
	2775 Railroads		
	2777 Transportation Services		
	2779 Trucking		
	2790 Support Services	2791 Business Support Services	
		2793 Business Training & Employment Agencies	
		2795 Financial Administration	
2797 Industrial Suppliers			
2799 Waste & Disposal Services			
3000 Consumer Goods	3300 Automobiles & Parts	3350 Automobiles & Parts	3353 Automobiles
			3355 Auto Parts
			3357 Tires
	3500 Food &	3530 Beverages	3533 Brewers

	Beverage		3535 Distillers & Vintners
			3537 Soft Drinks
		3570 Food Producers	3573 Farming & Fishing
			3577 Food Products
	3700 Personal & Household Goods	3720 Household Goods & Home Construction	3722 Durable Household Products
			3724 Nondurable Household Products
			3726 Furnishings
			3728 Home Construction
		3740 Leisure Goods	3743 Consumer Electronics
			3745 Recreational Products
			3747 Toys
		3760 Personal Goods	3763 Clothing & Accessories
			3765 Footwear
			3767 Personal Products
		3780 Tobacco	3785 Tobacco
4000 Health Care	4500 Healthcare	4530 Health Care Equipment & Services	4533 Health Care Providers
			4535 Medical Equipment
			4537 Medical Supplies
		4570 Pharmaceuticals & Biotechnology	4573 Biotechnology
			4577 Pharmaceuticals
5000 Consumer Services	5300 Retail	5330 Food & Drug Retailers	5333 Drug Retailers
			5337 Food Retailers & Wholesalers
		5370 General Retailers	5371 Apparel Retailers
			5373 Broadline Retailers
			5375 Home Improvement Retailers
			5377 Specialized Consumer Services
			5379 Specialty Retailers
	5500 Media	5550 Media	5553 Broadcasting & Entertainment
			5555 Media Agencies
			5557 Publishing
	5700 Travel & Leisure	5750 Travel & Leisure	5751 Airlines
			5752 Gambling
			5753 Hotels
			5755 Recreational Services
			5757 Restaurants & Bars
			5759 Travel & Tourism
6000 Telecommunications	6500 Telecommunications	6530 Fixed Line Telecommunications	6535 Fixed Line Telecommunications
		6570 Mobile Telecommunications	6575 Mobile Telecommunications
7000 Utilities	7500 Utilities	7530 Electricity	7535 Conventional Electricity
			7537 Alternative Energy
		7570 Gas, Water & Multiutilities	7573 Gas Distribution
			7575 Multiutilities
			7577 Water
8000 Financials	8300 Banks	8350 Banks	8355 Banks
	8500 Insurance	8530 Nonlife Insurance	8532 Full Line Insurance
			8534 Insurance Brokers
			8536 Property & Casualty Insurance

			8538 Reinsurance	
		8570 Life Insurance	8575 Life Insurance	
	8600 Real Estate	8630 Real Estate Investment & Services	8633 Real Estate Holding & Development	
			8637 Real Estate Services	
		8670 Real Estate Investment Trusts	8671 Industrial & Office REIT's	
			8672 Retail REIT's	
			8673 Residential REIT's	
			8674 Diversified REIT's	
			8675 Speciality REIT's	
			8676 Mortgage REIT's	
			8677 Hotel & Lodging REIT's	
		8700 Financial Services	8770 General Financial	8771 Asset Managers
	8773 Consumer Finance			
	8775 Specialty Finance			
	8777 Investment Services			
	8779 Mortgage Finance			
	8980 Equity Investment Instruments		8985 Equity Investment Instruments	
		8990 Nonequity Investment Instruments	8995 Nonequity Investment Instruments	
9000 Technology	9500 Technology	9530 Software & Computer Services	9533 Computer Services	
			9535 Internet	
			9537 Software	
			9570 Technology Hardware & Equipment	9572 Computer Hardware
				9574 Electronic Office Equipment
				9576 Semiconductors
				9578 Telecommunications Equipment