

PRODUCT SPECIFICATION

FTSE ASFA Australia Index Series
Sector Valuation Service – Tax Adjusted ex OMBB 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 Sector Code (Marker)
FTSE ASFA Australia Large Cap 50 ex OMBB – Superannuation	FAUXLCS	FAUXLCS8530*
FTSE ASFA Australia Mid Cap 150 ex OMBB – Superannuation	FAUXMCS	FAUXMCS__
FTSE ASFA Australia 200 ex OMBB – Superannuation	FAUXTHS	FAUXTHS__
FTSE ASFA Australia Small Cap ex OMBB – Superannuation	FAUXSCS	FAUXSCS__
FTSE ASFA Australia All-Share ex OMBB – Superannuation	FAUXASS	FAUXASS__
FTSE ASFA Australia All-Share ex 100 ex OMBB – Superannuation	FAUXAXS	FAUXAXS__
FTSE ASFA Australia Large Cap 50 ex OMBB – Tax Exempt	FAUXLCX	FAUXLCX__
FTSE ASFA Australia Mid Cap 150 ex OMBB – Tax Exempt	FAUXMCX	FAUXMCX__
FTSE ASFA Australia 200 ex OMBB – Tax Exempt	FAUXTHX	FAUXTHX__
FTSE ASFA Australia Small Cap ex OMBB – Tax Exempt	FAUXSCX	FAUXSCX__
FTSE ASFA Australia All-Share ex OMBB – Tax Exempt	FAUXASX	FAUXASX__
FTSE ASFA Australia All-Share ex 100 ex OMBB – Tax Exempt	FAUXAXX	FAUXAXX__

* 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 Superannuation ex OMBB Series Sector Valuation Service	axssv $ddmm$.csv	FAUXLCS, FAUXMCS, FAUXTHS, FAUXSCS, FAUXASS, FAUXAXS
FTSE ASFA Australia Tax Exempt ex OMBB Series Sector Valuation Service	axxsv $ddmm$.csv	FAUXLCX, FAUXMCX, FAUXTHX, FAUXSCX, FAUXASX, FAUXAXX

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

FILE DDS PATH

ftp://data.ftse.com/australia_tax_ex_ombb/sector_valuation

SERVICE TIMING

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

PRODUCT SPECIFICATION

FILE CONTENT

- **axssvddmm.csv, axxsvddmm.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

- **axxsvddmm.csv**

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FTSE ASFA Australia Tax Exempt ex OMBB Series Sector 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

FAUXASX,FTSE ASFA Australia All-Share ex OMBB - Tax Exempt,395,4942.47,5224.18,5534.27,5896.26,4788.73,5181.61,5476.95,5802.05,6181.56,5020.44,1074 846574693.901200,954786212301.330690,619387747194.493040,755428603766.926640,810613494243 82.984000,8.979,5.57

FAUXASX0001,FTSE ASFA Australia All-Share ex OMBB - Tax Exempt Index - Oil &
Gas,47,4472.93,4727.87,5008.50,5336.11,4333.79,4584.72,4846.06,5133.71,5469.50,4442.14,62547269
249.100990,55560739274.019371,36043295020.408714,43959758900.230408,4717106764364.245100,0.
000,3.59

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