

PRODUCT SPECIFICATION

Macquarie USA Infrastructure Index

FTSE Open Constituent Service



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INDEX SPECIFICATION

INDEX DESCRIPTION

The Macquarie USA Infrastructure Index Series is designed to reflect the performance of the United States market in the shares of companies whose principal activity is the management, ownership and/or operation of infrastructure and utility assets.

Characteristics of these infrastructure and utility assets are basic services, facilities and/or institutions upon which the growth and development of a community depends. This may include assets such as toll roads, airports, rail track, shipping ports, telecommunications infrastructures (eg satellites, cable and transmission tower portfolios), schools, hospitals, and utilities such as electricity gas and water.

INDEX ATTRIBUTES

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

Index Specification	Attribute
Index Codes (Markers)	MIUSA
Base Date	31 December 2003
Base Index Currency	USD
Start Value	5000
Start Date	31 December 2003

PRODUCT SPECIFICATION

FILE RANGE

Index Name	Index Code
Macquarie USA Infrastructure Index	MIUSA

FILE NAME

File Name	File Name & Extension
Macquarie USA Infrastructure Open Constituents	mquod $ddmm$.csv

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

FILE DDS PATH

ftp://data.ftse.com/data/Macquarie/open_constituents/

SERVICE TIMING

Available 23:30 hours GMT (Greenwich Mean Time) or BST (British Summertime) as applicable.

PRODUCT SPECIFICATION

FILE CONTENT – Macquarie USA Infrastructure Index Open Constituents

Field	Description	Example	Decimal Places	Data Type	Mandatory (Y/N)
Cons code	Constituent identification code	C01905		String	Y
SEDOL	Constituent SEDOL code	2026242		String	Y
CUSIP	CUSIP code	25537101		String	Y
ISIN Code	Constituent ISIN code	US0255371017		String	Y
Constituent name	Name of index constituent	American Elec Power Com		String	Y
Country code	Country code for constituent	USA		String	Y
ISO code	ISO currency code for constituent	USD		String	Y
Exchange code	Exchange code for Security	NAY		String	Y
Price in Local Currency	Closing price in currency specified by ISO code	45.300000	6	Float	Y
Shares in issue	Number of shares in issue	393684300		Integer	Y
Weighting	Percentage of market capitalisation included in the Indexes	100.000000	6	Float	Y
Dividend Yield	Dividend Yield (%)	3.44	2	Float	Y
Industry Code	ICB Industry Code (4 digit code)	7000	0	Integer	Y
Supersector Code	ICB Supersector Code (4 digit code)	7500	0	Integer	Y
Sector Code	ICB Sector Code (4 digit code)	7530	0	Integer	Y
Subsector Code	ICB Subsector Code (4 digit code)	7535	0	Integer	Y
Mkt Cap (AUD) before investibility weight	Market Capitalisation in AUD millions at index close before applying investibility weight restraint factor	22847.899435	6	Float	N
Mkt Cap (USD) before investibility weight	Market Capitalisation in USD millions at index close before applying investibility weight restraint factor	17833.898790	6	Float	N
Mkt Cap (AUD) after investibility weight	Market Capitalisation in AUD millions at index close after applying investibility weight restraint factor	22847.899435	6	Float	N
Mkt Cap (USD) after investibility weight	Market Capitalisation in USD millions at index close after applying investibility weight restraint factor	17833.898790	6	Float	N
% wght MIUSA	Intentionally Left Blank			Float	N
Index Marker	Indicates the index in which the security is a member	MIUSA		String	Y
Size Marker	Large (L), Medium (M) or Small Cap (S) designation	L		String	Y

FILE EXAMPLE

09/02/2007 (C) FTSE International Limited 2007. All Rights Reserved
Macquarie USA Infrastructure Index Open Constituents

Cons code,SEDOL,CUSIP,ISIN Code,Constituent name,Country code,ISO code,Exchange code,Price in Local Currency,Shares in issue,Weighting,Dividend Yield,Industry Code,Supersector Code,Sector Code,Subsector Code,Mkt Cap (AUD) before investibility weight,Mkt Cap (USD) before investibility weight,Mkt Cap (AUD) after investibility weight,Mkt Cap (USD) after investibility weight,% wght MIUSA,Index Marker,Size Marker
C01905,2026242,025537101,US0255371017,American Elec Power
Com,USA,USD,NAY,45.300000,393684300,100.000000,3.44,7000,7500,7530,7535,22847.899435,17833.898790,22847.899435,17833.898790,,MIUSA,L
XXXXXXXXXX

EXCHANGE RATES FILE SPECIFICATION

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

File Name	File Name and Extension
FTSE Exchange Rates File	wixrddmm.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 *dd/mm/yyyy* is effective date, month and year)

FILE EXAMPLE

01/12/2006(C) FTSE International Limited 2006. All Rights Reserved
FTSE Exchange Rate Service

Date,ISO Currency Code,USD Exchange Rate

12/01/2006,ARS,3.066000
12/01/2006,ATS,10.318550
12/01/2006,AUD,1.262710
12/01/2006,BEF,30.250000
12/01/2006,BRL,2.169300
12/01/2006,CAD,1.144100
12/01/2006,CHF,1.192050
12/01/2006,CLP,526.250000
12/01/2006,CNY,7.836000
12/01/2006,COP,2299.050000
12/01/2006,CZK,20.985350
XXXXXXXXXX

VERSION HISTORY

Product Specification Document Version History

- Version 1.0 - Initial Product Specification - January 2007
- Version 1.1 - Column header 'MIC Exchange Code' change to 'Exchange Code'

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