

MSCI US REIT Index Methodology

Index Construction and Maintenance Methodology for the MSCI US REIT Index

November 2013



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Introduction

The MSCI US REIT Index is a free float-adjusted market capitalization weighted index that is comprised of Equity REIT securities. The MSCI US REIT Index is based on the MSCI USA Investable Market Index (IMI) ("the parent index"), which is comprised of all the securities included in the MSCI USA Large Cap, MSCI USA Mid Cap and MSCI USA Small Cap Indices. The MSCI USA IMI is governed by the MSCI Global Investable Market Indices methodology that is available on MSCI's web site: http://www.msci.com/products/indices/size/methodology.html.

At the November 2013 Semi-Annual Index Review, MSCI enhanced the MSCI US REIT Index methodology by transitioning the parent index used to derive the MSCI US REIT Index from the MSCI US Investable Market 2500 Index to the MSCI USA IMI. This change was implemented in order to align the parent index universe of the MSCI US REIT Index with the MSCI Global Investable Market Indices.

This document contains the new enhanced guidelines used to maintain the MSCI US REIT Index. More details on the transition to the enhanced MSCI US REIT Index methodology are included in the Appendix.



Section 1: Defining REITs and the MSCI US REIT Index Eligible REITs

A Real Estate Investment Trust, or REIT, is a company that in most cases owns and operates income producing real estate assets. Some REITs provide loans to the owners and operators of real estate. To qualify as a REIT under the Internal Revenue Code, a REIT is required to distribute at least 90% of its taxable income to shareholders annually and receive at least 75% of that income from rents, mortgages and sales of property.

MSCI classifies REIT securities into one of the seven Real Estate Investment Trust (REIT) Sub-Industries within the Global Industry Classification Standard (GICS®) structure. The REITs Sub-Industries are part of the Real Estate Industry, Real Estate Industry Group and the Financials Sector. The seven REITs Sub-Industries aim to represent REITs with the following property type profiles:

- Diversified REITs
- Industrial REITs
- Mortgage REITs
- Office REITs
- Residential REITs
- Retail REITs
- Specialized REITs

REITS eligible for inclusion in the MSCI US REIT Index are REITs that are included in the MSCI USA IMI, with the exception of:

- REITs classified in the Mortgage REITs Sub-Industry; and
- REITs classified in the Specialized REITs Sub-Industry that do not generate a majority of their revenue and income from real estate rental and related leasing operations.

Additionally, companies classified under the Real Estate Management & Development Sub-Industry are not eligible for inclusion in the MSCI US REIT Index. For further details on the GICS®, see Appendix III.



Section 2: Maintenance of the MSCI US REIT Index

The maintenance of the MSCI US REIT Index includes:

- Semi-Annual Index Reviews (SAIRs) in May and November,
- Quarterly Index Reviews (QIRs) in February and August, and
- Ongoing event-related changes which are generally implemented in the indices as they occur

2.1. Semi-Annual Index Reviews and Quarterly Index Reviews

During Semi-Annual Index Reviews and Quarterly Index Reviews, the parent index is reviewed under the guidelines of the MSCI Global Investable Market Indices methodology. Changes in the parent index during Index Reviews may impact the MSCI US REIT Index as follows:

- Existing constituents of the MSCI US REIT Index that are deleted from the parent index are deleted from the MSCI US REIT Index
- Eligible equity REIT securities not currently constituents of the MSCI US REIT Index that are added to the parent index are added to the MSCI US REIT Index
- Changes in the Foreign Inclusion Factors (FIF) and Number of Shares (NOS) for securities of the parent index are also applied to the securities included in the MSCI US REIT Index
- When a change in Global Industrial Classification Standard (GICS®) for an existing constituent of the parent index to one of the eligible REIT Sub-Industries defined in Section 1 is announced, then provided that the date of such announcement is before the implementation date of the next Index Review, such constituent may be considered for inclusion in the MSCI US REIT Index at such Index Review

For more information on Index Reviews for the MSCI Global Investable Market Indices, please refer to Sections 3.1 and 3.2 of the MSCI Global Investable Market Indices methodology book.

2.2. Ongoing Event-Related Changes

The parent index is updated to reflect ongoing event-related changes in accordance with the MSCI Global Investable Market Indices methodology. Ongoing event-related changes in the parent index are reflected in the MSCI US REIT Index at the time of the implementation of the event in the parent index:

- Existing constituents of the MSCI US REIT Index that are deleted from the parent index due to corporate events are deleted from the MSCI US REIT Index
- Eligible equity REIT securities not currently constituents of the MSCI US REIT Index that are added to the parent index due to corporate events are added to the MSCI US REIT Index
- Changes in the Foreign Inclusion Factors (FIF) and Number of Shares (NOS) for securities of the parent index due to corporate events are also applied to the securities included in the MSCI US REIT Index
- When a change in Global Industrial Classification Standard (GICS®) for an existing constituent of the
 parent index to one of the eligible REIT Sub-Industries defined in Section 1 is announced, then
 provided that the date of such announcement is before the implementation date of the next Index
 Review, such constituent may be considered for inclusion in the MSCI US REIT Index at such Index
 Review



For more information on the implementation of corporate events in the MSCI Global Investable Market Indices, please refer to Section 3.3 of the MSCI Global Investable Market Indices methodology book.

2.3. Announcement Policy

In line with the MSCI Global Investable Market Indices methodology, the changes to the MSCI US REIT Index are typically announced at least ten business days prior to these changes becoming effective in the indices as "expected" announcements, or as "undetermined" announcements, when the effective dates are not known yet or when aspects of the event are uncertain. MSCI sends "confirmed" announcements at least two business days prior to events becoming effective in the indices provided that all necessary public information concerning the event is available. In case a "confirmed" announcement needs to be amended, MSCI sends a "correction" announcement with a descriptive text announcement to provide details about the changes made.

If warranted, MSCI may make descriptive text announcements for events that are complex in nature and for which additional clarification could be beneficial for any Standard, Small Cap and Micro Cap Indices.

For more information on the announcement policy for the MSCI Global Investable Market Indices, please refer to Section 3.4 of the MSCI Global Investable Market Indices methodology book.



Appendix I: Past Methodology Changes for the MSCI US REIT Index

Changes applied at the November 2013 Semi-Annual Index Review

Effective at the time of the November 2013 Semi-Annual Index Review, MSCI enhanced the MSCI US REIT Index methodology by transitioning the parent index used to derive the MSCI US REIT Index from the MSCI US Investable Market 2500 Index to the MSCI USA IMI. This change was implemented in order to align the parent index universe of the MSCI US REIT Index with the MSCI Global Equity Indices.

To reduce index turnover following the transition to the enhanced MSCI US REIT Index methodology, current constituents of the MSCI US REIT Index that are constituents of the MSCI US Investable Market 2500 Index but not of the MSCI USA IMI Index will remain eligible for inclusion in the MSCI US REIT Index as long as they remain in the MSCI USA Micro Cap Index.

Changes applied on June 20, 2005

The official name of the index was changed to the MSCI US REIT Index effective June 20, 2005. The index continues to be calculated with dividends reinvested on a daily basis. Simultaneously, MSCI introduced a price-only index that is calculated by MSCI in real time and distributed by the NYSE MKT over Network B of the Consolidated Tape Association, and by MSCI to Reuters and Bloomberg. The symbol of this index is RMZ. Note that the real time version of the Morgan Stanley REIT Index was discontinued effective June 20, 2005.

	Before June 20, 2005	ng June 20, 2005	
	Real Time & End of Day Gross Index	End of Day Gross Index	Real Time & End of Day Price-Only Index
Bloomberg Ticker	RMS	RMS	RMZ
Reuters RIC	.RMS	.RMS	.RMZ
AMEX Symbol	RMS	RMS	RMZ

In addition, on June 20, 2005, MSCI began calculating the MSCI US REIT Index using Laspeyres's principle of a weighted arithmetic average together with the concept of chain linking. This principle effects corporate event adjustments to the Index's next day market capitalization.



Appendix II: Global Industry Classification Standard (GICS)

Introduction

The Global Industry Classification Standard (GICS) was developed by MSCI in collaboration with Standard & Poor's (S&P) to provide an efficient, detailed and flexible tool for use in the investment process. It is designed to respond to the global financial community's need for a global, accurate, complete and widely accepted approach to defining industries and classifying securities by industry. Its universal approach to industry classification aims to improve transparency and efficiency in the investment process.

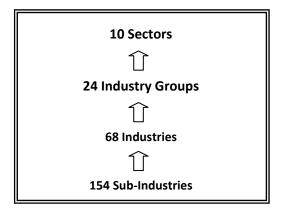
Key Features of the GICS

The key features of the GICS are that it is:

- Universal: the classification applies to companies globally.
- Accurate: the structure precisely reflects the state of industries in the equity investment universe.
- Flexible: the classification consists of four levels of analysis, ranging from the most general to the most specialized sub-industry.
- Evolutionary: annual reviews are conducted to ensure that the classification remains fully representative of the universe.

To provide the level of precision critical in the investment process, the GICS is designed with four levels of classifications:

The Global Industry Classification Standard (GICS)





The GICS has 10 sector classifications:

- Energy
- Materials
- Industrials
- Consumer Discretionary
- Consumer Staples
- Health Care
- Financials
- Information Technology
- Telecommunication Services
- Utilities.

Philosophy and Objectives of the GICS

The way in which securities are classified into asset classes forms the basis of many important investment decisions. The relative merits of each security are judged primarily within these asset classes, and investment decisions are taken within this framework.

Approaches to Industry Classification Schemes

While grouping securities by country and regions is relatively straightforward, classifications by industries are more difficult. There are many approaches to developing industry classification schemes, some of which are discussed below.

At one extreme is the purely statistical approach, which is solely financial market-based and backward looking, using past returns. Aggregations are formed around correlation, often yielding non-intuitive groupings that are dissimilar across countries and regions. Another approach attempts to define a priori financial market-oriented groups or themes, such as cyclical, interest rate sensitive, etc. The difficulty, however, lies in finding widely accepted and relatively stable definitions for these themes.

Two other approaches begin with an economic perspective on companies. The first focuses on a production orientation while the other adopts a market or demand orientation in company analysis. The production-oriented approach was effective in the past in its analysis of the microstructure of industries from the producers' standpoint. For instance, it segregated goods and services on the premise that it was a different set of companies that provided each to consumers. As the structure of the global economy evolved, limitations of this approach became increasingly obvious. The ever-increasing share of discretionary income brought about by economic development, emergence of the service era, and the availability and accessibility of information with the advent of new communication technology has moved the emphasis from producers to consumers.



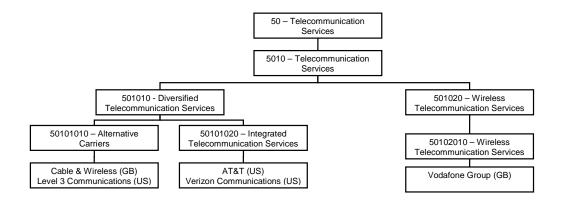
The GICS: Market Demand-Oriented

The Global Industry Classification Standard is designed to be market demand-oriented in its analysis and classification of companies. For example, drawing the line between goods and services is becoming increasingly arbitrary as they are now commonly sold together. This distinction between goods and services is replaced by adopting the more market-oriented sectors of "Consumer Discretionary" and "Consumer Staples", which group goods and services sub-industries. In addition, the creation of large stand-alone sectors such as Health Care, Information Technology and Telecommunication Services accurately represents industries that provide significant value to the consumer in today's global and integrated economy. This further contributes to a more uniform distribution of weights among the 10 sectors.

GICS Company Classification

The GICS is used to assign each company to a sub-industry according to its principal business activity. Since the GICS is strictly hierarchical, a company can only belong to one grouping at each of the four levels.

An Illustration of the GICS - Telecommunication Services Sector:



Classification by Revenue

In order to provide an accurate, complete and long-term view of the global investment universe, a company's revenues often provide a more stable and precise reflection of its activities than earnings. Furthermore, industrial and geographical breakdowns of revenues are more commonly available than earnings broken down the same way for most companies. Nevertheless, company valuations are more closely related to earnings than revenues. Therefore, earnings remain an important secondary consideration in a company's industry classification.



General Guidelines for Classification

The primary source of information used to classify securities is a company's annual reports and accounts. Other sources include brokers' reports and other published research literature. As a general rule, a company is classified in the sub-industry whose definition most closely describes the business activities that generate at least 60% of the company's revenues.

Example: Nokia (FI)

2006 Results	Mobile Phones	Multimedia	Enterprise Solutions	Networks
Revenues	60%	19%	3%	18%
Earnings	75%	24%	0%	15%

Classified as:

GICS Level	GICS Code	Code Description		
Sector	45	Information Technology		
Industry Group 4520		Technology Hardware & Equipment		
Industry	452010	Communications Equipment		
Sub-Industry	45201020	Communications Equipment		

However, a company engaged in two or more substantially different business activities, none of which contribute 60% or more of revenues, is classified in the sub-industry that provides the majority of both the company's revenues and earnings. When no sub-industry provides the majority of both the company's revenues and earnings, the classification will be determined based on further research and analysis. In addition, a company significantly diversified across three or more sectors, none of which contributes the majority of revenues or earnings, is classified either in the Industrial Conglomerates sub-industry (Industrial Sector) or in the Multi-Sector Holdings sub-industry (Financials Sector).

Example: General Electric (US)

2006 Results	Infrastructure	Industrial	Healthcare	NBC Universal	Commercial Finance	Consumer Finance
Revenues	30%	21%	10%	10%	15%	14%
Earnings	34%	10%	12%	11%	19%	13%



Classified as:

GICS Level	GICS Code	Code Description
Sector	20	Industrials
Industry Group	2010	Capital Goods
Industry	201050	Industrial Conglomerates
Sub-Industry	20105010	Industrial Conglomerates

In the case of a new issue, the classification will be determined based primarily on the description of the company's activities and pro forma results as given in the prospectus.

Review of Sub-Industry Classification

A company's sub-industry classification will be reviewed either when a significant corporate restructuring occurs or when a new annual report is available. In order to provide a stable sub-industry classification, when reviewing a company's classification, changes will be minimized in the sub-industry classification to the extent possible by disregarding temporary fluctuations in the results of a company's different activities.

In the event that the above guidelines should not appropriately capture a particular company's business activity, its classification will be determined based on more extensive analysis.



GICS (Global Industry Classification Standard) Effective after close of business (US, EST) Friday August 29, 2008

Sector	Ind ust	ry G roup	In dustry		Sub-Ind ust	<u>ry</u>
0 Energy	1010	Energy	101010	Energy Equi pment & Services	10101010	Oil & Gas Drilling
					10101020	Oil & Gas Equipment & Services
			101020	Oil, Gas & Consumable Fuels	10102010	Integrated Oil & Gas
					10102020	OII & Gas Exploration & Production
					10102030	Oil & Gas Refining & Marketing
					10102040	Oil & Gas Storage & Transportation
					10102050	Coal & Consumable Fuels
5 Materials	1510	Materials	151010	Chemicals	15101010	Commodity Chemicals
					15101020	Di versified Chemicals
					15101030	Fertilizers & Agricultural Chemicals
					15101040	Industrial Gases
					15101050	SpecialtyChemicals
			151020	Construction Materials	15102010	Construction Materials
			151030	Containers & Packaging	15103010	Metal & Glass Containers
				gg	15103020	Paper Packaging
			151040	Metals & Mining	15104010	Al uminum
					15104020	Diversified Metals & Mining
					15104030	Gold
					15104040	Precious Metals & Minerals
					15104050	Steel
			151050	Paper & Forest Products	15105010	Forest Products
					15105020	Paper Products
nduetriale	2010	CanitalGoods	201010	Agraenam & Dafenca	20101010	Agros nos & Defance
20 Industrials	2010	Capital Goods	201010	Aerospace & Defense		Aerospace & Defense
			201020	Building Products	20102010	Building Products
			201030	Construction & Engineering	20103010	Construction & Engineering
			201040	El ectrical E quipment	20104010	Electrical Components & Equipment
					20104020	Heavy Electrical Equipment
			201050	Industrial Conglomerates	20105010	Industrial Conglomerates
			201060	Machinery	20106010	Construction & Farm Machinery & Heavy Truck
				-	20106020	Industrial Machinery
			201070	Trading Companies & Distributors	20107010	Trading Companies & Distributors
	2020	Commercial & Professional Services		Commercial Services & Supplies	20201010	Commercial Printing
					20201050	Environmental & Facilities Services
					20201060	Office Services &S upplies
					20201070	Di versified Support Services
					20201080	Security & Alarm Services
			202020	Profession al Services	20202010	Human Resource & Employment Services
					20202020	Research & Consulting Services
	2030	Transportation	203010	Air Freight & Logistics	20301010	Air Freight & Logistics
			203020	Airlines	20302010	Ai fines
			203030	Marine	20303010	Marine
			203040	Road & Rail	20304010	Railroads
					20304020	Trucking
			203050	Transportation Infrastructure	20305010	Airport Services
			20000	Transportation fill asside tale		-
					20305020 20305030	Highways & Railtracks Marine Ports & Services
					2000000	marrie i orto a oci viaco
25 Consumer Discretionary	2510	Automobiles & Components	251010	Auto Components	25101010	Auto Parts & Equipment
					25101020	Tires & Rubber
			251020	A utom obiles	25102010	Automobile Manufacturers
					25102020	Motorcyd e Manufacturers
	2520	Consumer Durables & Apparel	252010	Household Durables	25201010	Consumer Electronics
		onicano: Danasios a Appara		Trouceriola Barabio		
					25201020	Home Furnishings
					25201030	Homebuilding
					25201040	Household Appliances
					25201050	Housewares & Specialties
			252020	Leisure Equi pment & Products	25202010	Leisure Products
					25202020	Photographic Products
			252030	Textiles, Apparel & Luxury Goods	25203010	Apparel, Accessories & LuxuryGoods
				-	25203020	Footwear
					25203030	Textiles
	2530	Consumer Services	253010	Hotels, Restaurants & Leisure	25301010	Casinos & Gaming
					25301010	Hotels, Resorts & Cruise Lines
					25301030	Leisure Facilities
					25301040	Restaurants
			253020	Diversified Consumer Services	25302010	Education Services
					25302020	Specialized Consumer Services
	2540	Media	254010	Media	25401010	Advertising
					25401020	Broadcasting
					25401025	Cable & Satellite
					25401023	Movies & Entertainment
	2550	Retailing	255040	Distri butors	25401040	Publishing Distributors
	2550	netailig	255010		25501010	Distributors
			255020	Internet & Catalog Retail	25502010	Catalog Retail
					25502020	Internet Retail
			255030	Mul ti line Retail	25503010	Department Stores
					25503020	General Merchandise Stores
			255040	Specialty Retail	25504010	Apparel Retail
				opooluity inclui		
					25504020	Computer & Electronics Retail
					25504030	Hom e Improvement Retail
					25504030 25504040	Home Improvement Retail SpecialtyStores
					25504030	Hom e Improvement Retail



30 Consumer Staples	3010	Food & Staples Retailing	301010	Food & Staples Retail ing	30101010	Drug Retail
					30101020	Food Distributors
					30101030	Food Retail
					30101040	Hypermarkets & Super Centers
	3020	Food, Beverage & Tobacco	302010	Beverages	30201010	Brewers
					30201020	Distillers & Vintners
					30201030	Soft Drinks
			302020	Food Products	30202010	Agricultural Products
					30202030	Packaged Foods & Meats
			302030	Tobacco	30203010	Tobacco
	3030	Household & Personal Products	303010	Household Products	30301010	Household Products
			303020	Personal Products	30302010	Personal Products
35 Health Care	3510	Health Care Equipment & Services	351010	Health Care Equipment & Supplies	35101010	Health Care Equipment
					35101020	Health Care Supplies
			351020	Health Care Providers & Services	35102010	Health Care Distributors
					35102015	Health Care Services
					35102020	Health Care Facilities
					35102030	Managed Health Care
			351030	Health Care Technology	35103010	Health Care Technology
	3520	Pharmaœuticals, Biotechnology & Life	: 352010	Biotechnology	35201010	Biotechnology
		Sciences	050000	Discussion and sale	0500040	Discourse as of the de-
			352020	Pharmaceuticals	35202010	Pharmaceuticals
			352030	Life Sciences Tools & Services	35203010	Life Sciences Tools & Services
0 Financials	4010	Banks	401010	Commercial Banks	40101010	Diversified Banks
					40101015	Regional Banks
			401020	Thrifts & Mortgage Finance	40102010	Thrifts & Mortgage Finance
	4020	Di versified Financials	402010	Diversified Financial Services	40201020	Other Diversified Financial Services
					40201030	Multi-Sector Holdings
					40201040	Specialized Finance
			402020	Consumer Finance	40202010	Consumer Finance
			402030	Capital Markets	40203010	Asset Management & Custody Banks
					40203020	Investment Banking & Brokerage
					40203030	Diversified Capital Markets
	4030	Insurance	403010	Insurance	40301010	Insurance Brokers
					40301020	Life & Health Insurance
					40301030	Multi-li ne Insurance
					40301040	Property & Casualty Insurance
					40301050	Reinsurance
	4040	RealEstate	404020	Real Estate Investment Trusts (REITs)	40402010	Di versified REIT's
					40402020	Industrial REIT's
					40402020	Mortgage R EIT's
					40402040	Office REIT's
					40402050	Residential R EIT's
					40402060	RetailR EIT's
					40402070	Specialized REIT's
			404030	Real Estate Management &	40403010	Diversified Real Estate Activities
			404000	Development	4040010	Diversited testate petivities
					40403020	Real Estate Operating Companies
					40403030	Real Estate Development
					40403040	Real Estate Services
15 Information Technology	4510	Software & Services	4E1010	Internet Cotwere & Concions		Internet Software & Services
5 Information Technology	4010	Software & Services	451010 451020	Internet Software & Services	45101010	
				IT Sorvices	45100010	
			401020	IT Services	45102010 45102020	IT Consulting & Other Services
					45102020	IT Consulting & Other Services Data Processing & Outsourced Services
			451030	IT Services Software	45102020 45103010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software
					45102020 45103010 45103020	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software
	4520	TechnologyHardware & Fourinment	451030	Software	45102020 45103010 45103020 45103030	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software Home Entertainment Software
	4520	TechnologyHardware & Equipment	451030 452010	Software Communications Equipment	45102020 45103010 45103020 45103030 45201020	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software Home Entertainment Software Communications Equipment
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	4520 4530	TechnologyHardware & Equipment Semiconductors & Semiconductor	451030 452010 452020 452030	Software Communications E quipment Computers & Peri pherals Electronic E quipment, Instruments & Components	45102020 45103010 45103020 45103030 45202010 45202010 45202020 45203010 45203015 45203030	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software Home Entertainment Software Communications Equipment Computer Hardware Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technology Distributors
			451030 452010 452020 452030 452040	Software Communications Equipment Computers & Peri pherals Electronic Equipment, Instruments & Components Office Electronics	45102020 45103010 45103020 45103030 45201020 45202010 45202020 45203010 45203015 45203030 45203030 45204010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software Home Entertainment Software Communications Equipment Computer Hardware Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technology Distributors Office Electronics
		Semiconductors & Semiconductor	451030 452010 452020 452030 452040	Software Communications Equipment Computers & Peripherals Electronic Equipment, Instruments & Components Office Electronics Semi conductors & Semi conductor	45102020 45103010 45103020 45103030 45201020 45202010 45202020 45203010 45203010 45203030 45203030 45203030 45301010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software Home Entertainment Software Communications Equipment Computer Hardware Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technol ogy Distributors Office Electronics Semiconductor Equipment
O. Tabaannysiatiss	4530	Semiconductors & Semiconductor Equipment	451030 452010 452020 452030 452040 453010	Software Communications Equipment Computers & Peripherals Electronic Equipment, Instruments & Components Office Electronics Semi conductors & Semi conductor Equipment	45102020 45103010 45103020 45103030 45201020 45202010 45202020 45203010 45203010 45203020 45203030 45204010 45301010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Application Software Systems Software Home Entertainment Software Communications Equipment Computer Hardware Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technology Distributors Office Electronics Semiconductor Equipment Semiconductors
	4530	Semiconductors & Semiconductor	451030 452010 452020 452030 452040	Software Communications Equipment Computers & Peri pherals Electronic Equipment, Instruments & Components Office Electronics Semi conductors & Semi conductor Equipment Diversified Telecommunication	45102020 45103010 45103020 45103030 45201020 45202010 45202020 45203010 45203010 45203030 45203030 45203030 45301010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software Home Entertainment Software Communications Equipment Computer Hardware Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technol ogy Distributors Office Electronics Semiconductor Equipment
50 Telecommunication Services	4530	Semiconductors & Semiconductor Equipment	451030 452010 452020 452030 452040 453010	Software Communications Equipment Computers & Peripherals Electronic Equipment, Instruments & Components Office Electronics Semi conductors & Semi conductor Equipment	45102020 45103010 45103020 45103030 45201020 45202010 45202020 45203010 45203030 45203030 45203030 45203030 45301010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software Home Entertainment Software Communications Equipment Computer Hardware Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technol ogy Distributors Office Electronics Semiconductor Equipment Semiconductors Alternative Carriers
	4530	Semiconductors & Semiconductor Equipment	451030 452010 452020 452030 452040 453010	Communications Equipment Computers & Peripherals Electronic Equipment, Instruments & Components Office Electronics Semi conductors & Semi conductor Equipment Diversified Telecommunication Services	45102020 45103010 45103020 45103030 45201020 45202010 45202010 45203010 45203020 45203030 45203030 45204010 45301020 50101010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software Home Entertainment Software Communications Equipment Computer Hardware Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technol ogy Distributors Office Electronics Semiconductor Equipment Semiconductors Alternative Carriers Integrated Telecommunication Services
	4530	Semiconductors & Semiconductor Equipment	451030 452010 452020 452030 452040 453010	Software Communications Equipment Computers & Peri pherals Electronic Equipment, Instruments & Components Office Electronics Semi conductors & Semi conductor Equipment Diversified Telecommunication	45102020 45103010 45103020 45103030 45201020 45202010 45202010 45203010 45203020 45203030 45203030 45204010 45301020 50101010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software Home Entertainment Software Communications Equipment Computer Hardware Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technol ogy Distributors Office Electronics Semiconductor Equipment Semiconductors Alternative Carriers
	4530	Semiconductors & Semiconductor Equipment	451030 452010 452020 452030 452040 453010	Communications Equipment Computers & Peripherals Electronic Equipment, Instruments & Components Office Electronics Semi conductors & Semi conductor Equipment Diversified Telecommunication Services	45102020 45103010 45103020 45103030 45201020 45202010 45202010 45203010 45203020 45203030 45203030 45204010 45301020 50101010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Application Software Systems Software Home Entertainment Software Communications Equipment Computer Hardware Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technol ogy Distributors Office Electronics Semiconductor Equipment Semiconductors Alternative Carriers Integrated Telecommunication Services
Services	4530	Semiconductors & Semiconductor Equipment Telecommunication Services	451030 452010 452020 452030 452040 453010	Communications Equipment Computers & Peripherals Electronic Equipment, Instruments & Components Office Electronics Semi conductors & Semi conductor Equipment Diversified Telecommunication Services	45102020 45103010 45103020 45103030 45201020 45202010 45202010 45203010 45203020 45203030 45203030 45204010 45301020 50101010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software Home Entertainment Software Communications Equipment Computer Hardware Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technol ogy Distributors Office Electronics Semiconductor Equipment Semiconductors Alternative Carriers Integrated Telecommunication Services
Services	4530 5010	Semiconductors & Semiconductor Equipment	451030 452010 452020 452030 452040 453010 501010 501020	Communications Equipment Computers & Peri pherals Electronic Equipment, Instruments & Components Office Electronics Semi conductors & Semi conductor Equipment Diversified Telecommunication Services Wireless Telecommunication Services Electric Utilities	45102020 45103010 45103020 45103030 452001020 45202010 45203010 45203010 45203010 45203010 45203010 45203010 45301010 45301020 50101010 50101020 55101010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software Home Entertainment Software Communications Equipment Computer Hardware Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technology Distributors Office Electronics Semiconductor Equipment Semiconductors Alternative Carriers Integrated Telecommunication Services Wirdless Telecommunication Services Electric Utilities
Services	4530 5010	Semiconductors & Semiconductor Equipment Telecommunication Services	451030 452010 452020 452030 452040 453010 501010	Communications Equipment Computers & Peri pherals Electronic Equipment, Instruments & Components Office Electronics Semi conductors & Semi conductor Equipment Diversified Telecommunication Services Wireless Telecommunication Services	45102020 45103010 45103020 45103030 45201020 45202010 45203010 45203010 45203010 45203020 45203010 45203010 45301010 45301020 50101010 5010102010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software Home Entertainment Software Communications Equipment Computer Hardware Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technol ogy Distributors Office Electronics Semiconductor Equipment Semiconductors Alternative Carriers Integrated Telecommunication Services Wirdless Telecommunication Services
Services	4530 5010	Semiconductors & Semiconductor Equipment Telecommunication Services	451030 452010 452020 452030 452040 453010 501020 551010 551020 551030	Communications Equipment Computers & Peri pherals Electronic Equipment, Instruments & Components Office Electronics Semi conductors & Semi conductor Equipment Diversified Telecommunication Services Wireless Telecommunication Services Electric Utilities Gas Utilities Multi-Utilities	45102020 45103010 45103020 45103030 45201020 45202010 45203010 45203010 45203010 45203020 45203020 45203010 45301010 50101010 50102010 55102010 55102010 55102010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Systems Software Home Entertainment Software Communications Equipment Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technology Distributors Office Electronics Semiconductor Equipment Semiconductors Alternative Carriers Integrated Telecommunication Services Wireless Telecommunication Services Electric Utilities Gas Utilities Gas Utilities Multi-Utilities
50 Telecommunication Services 55 Utilities	4530 5010	Semiconductors & Semiconductor Equipment Telecommunication Services	451030 452010 452020 452030 452040 453010 501020 551010 551020	Software Communications Equipment Computers & Peripherals Electronic Equipment, Instruments & Components Office Electronics Semi conductors & Semi conductor Equipment Diversified Telecommunication Services Wireless Telecommunication Services Electric Utilities Gas Utilities	45102020 45103010 45103020 45103030 45201020 45202020 45203010 45203010 45203020 45203030 45203030 45203030 45203030 45203030 45203030 45203030 45204010 45301020 50101010 50101020 55101010 55101010 55102010	IT Consulting & Other Services Data Processing & Outsourced Services Application Software Application Software Home Entertainment Software Communications Equipment Computer Hardware Computer Storage & Peripherals Electronic Equipment & Instruments Electronic Components Electronic Manufacturing Services Technol ogy Distributors Office Electronics Semiconductor Equipment Semiconductors Alternative Carriers Integrated Telecommunication Services Wirdless Telecommunication Services Electric Utilities Gas Utilifies



GICS Structure Review Frequency

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¹As of March 31, 2013, as reported on July 31, 2013 by eVestment, Lipper and Bloomberg