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# GUIDE TO ICE DATA UNIFORM SECTOR CLASSIFICATIONS

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#### ICE Data Indices has introduced new uniform sector classifications

ICE Data Indices, LLC has introduced the ICE Data Uniform Sector Classifications (USC) schema that is applied across equity and fixed income securities and indices thus ensuring a consistent framework that supports multi-asset risk and performance attribution analysis.

#### **New Corporate classifications add granularity**

The new uniform schema provides significantly more granularity for Corporate issuers than the level of detail provided in the traditional fixed income schema used for our bond index family. The USC schema drills down into 66 Industries, which is comparable to the 70 Sub-Categories in the most detailed level of the traditional fixed income schema. But where the traditional fixed income schema leaves off, the USC continues to further segment Corporate issuers into 113 Sub-Industry Groups and 268 Sub-Industries.

#### Traditional fixed income Corporate classifications will still be provided

The Detail Business Classifications (DBCs) that are at the foundation of USC can also be mapped to the traditional fixed income Corporate classifications that have supported the fixed income index family for decades and that we will continue to provide.

### **Guide to ICE Data Uniform Sector Classifications**

ICE Data Indices has introduced a new uniform sector classification schema for equity and fixed income indices.

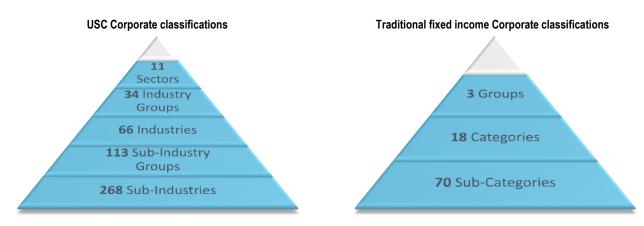
ICE Data Indices, LLC has introduced a new security sector classification schema that is uniformly applied across equity and fixed income securities and indices. For corporate issuers, the ICE Data Uniform Sector Classifications ("USC") begin with 277 Detail Business Classifications (DBCs) that are assigned at the entity level and are used to derive sector classifications for both equity and debt securities issued by that entity. The DBCs are rolled up into a six-tier classification schema that is used for all constituents across the ICE fixed income and equity index families thus providing a consistent framework that supports multi-asset risk and performance attribution analysis. For non-Corporate issuers, USC uses the same Level 1-4 classifications that are used for the traditional fixed income schema. For these issuers, USC Level 5 and 6 classifications are the same as Level 4. The complete USC schema appears in Exhibit C.

The DBCs can also be mapped to the traditional fixed income Corporate classifications that have supported the fixed income index family for decades and that we will continue to provide (refer to ICE BofAML Bond Index Methodologies) for a complete description of the traditional fixed income classification schema). Therefore, those using ICE and ICE BofAML Corporate bond indices have a choice of continuing to use the same classifications that have always been provided, or adopting the new IDUSC classifications. The mapping of DBCs to USC Level 6 and traditional fixed income Level 4 Corporate classifications is provided in Exhibit D.

The new schema adds significantly more granularity to Corporate issuer classifications.

The new uniform schema adds significantly more granularity to Corporate issuer classifications than the level of detail provided in the traditional fixed income schema (Exhibit A). The new USC schema starts with 11 sectors, which is roughly halfway between the 3 Groups and 18 Categories in the traditional fixed income schema. The USC schema then segments issuers into 66 Industries, which is comparable to the 70 Sub-Categories in the traditional fixed income schema. But where the traditional fixed income schema left off, USC continues to further segment Corporate issuers into 113 Sub-Industry Groups and 268 Sub-Industries.

Exhibit A: USC vs. traditional fixed income Corporate sector classification categories



# **Key differences between Bond Index Family and new Uniform Sector Classifications**

In addition to the greater level of granularity provided at the lowest USC classification tiers relative to the Bond Index Family schema, there are other notable differences in the way the DBCs that drive both schemas roll up into higher level classification tiers. In some cases there is a strong overlap, but in others there are significant differences.

To highlight some of the key differences, we ran a cross-matrix of the number of DBCs that fall into the USC Level 2 classifications and the Bond Index Family Level 3 classifications (Exhibit B), both of which target the primary Corporate sectors. In some cases there is a one to one match (Healthcare, Technology, Utilities). In other cases, apart from the naming conventions, they are largely the same with just a few differences around the edges (e.g., Consumer Goods vs. Consumer Staples). But in some categories the two deviate significantly. A few of the notable differences include:

- Consumer Discretionary, which combines DBCs associated with Bond Index Family Level 3 classifications Retail and Leisure, along with those associated with the retail-oriented segments of Automotive and Technology & Electronics, as well as non-food and drug Consumer Goods, etc.
- Industrials, which combines DBCs associated with a wide range of Bond Index Family Level 3 classifications such as Capital Goods, Basic Industry, Transportation, Services, etc.
- Media & Communications, which largely combines Bond Index Family Level 3 classifications
   Media and Telecommunications, but also combines DBCs associated with Technology & Electronics and Leisure.

Exhibit B: Comparison of Detail Business Classifications roll-up to Uniform Sector Classifications (Level 2) and Bond Index Family Classifications (Level 3)

	·				ICE	Data Uniform	Sector Class	ifications (Le	evel 2)				
		Consumer Discretionary	Consumer Staples	Energy	Financials	Healthcare	Industrials	Materials	Media & Communications	Real Estate & REITs	Technology	Utilities	Total Detail Business Classifications
	Automotive	5					1						6
	Banking				3								3
	Basic Industry			2			4	22					28
	Capital Goods						14	5					19
(Level 3)	Consumer Goods	6	21										27
(Lev	Energy			13									13
Bond Index Family Classifications	Financial Services				17		1						18
ficat	Healthcare					19							19
lassi	Insurance				7								7
<u>اج</u>	Leisure	11							1	1			13
Fami	Media						1		9				10
qex	Real Estate				1					16			17
nl br	Retail	20	3										23
Bor	Services	4					15						19
	Technology & Electronics	1			2				1		23		27
	Telecommunications								4	1			5
	Transportation						10						10
	Utility											13	13
	Total Detail Business Classifications	47	23	16	30	19	46	27	15	18	23	13	277

## ICE Data Uniform Sector Classification schema

Note: the Corporate class covers all equity and fixed income securities issued by Corporations, including convertible bonds and preferred stock.

**Exhibit C: ICE Data Uniform Sector Classification schema** 

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Class	Sector	Industry Group	Industry	Sub-Industry Group	Sub-Industry
				Automobile Manufacturers	Car & Light Truck Manufacturers
		Automotive	Automotive		Motorcycle Manufacturers
				Automotive Equipment & Services	Automotive Parts & Services
					Tire & Rubber
				Accessories & Luxury Goods	Accessories & Luxury Goods
					Activewear
					Footwear
	Consumer Discretionary	Consumer Goods	Apparel & Textiles	Apparel	General Apparel
		Consumer Goods		Textiles	Textiles
Corporate			Consumer Goods	Consumer Electronics	Consumer Electronics
	Bicorotionary			Cosmetics & Perfume	Cosmetics & Perfume
				Recreational & Leisure Goods	Firearms & Ammunition
					Leisure Goods
					Recreational Vehicles
			Household Goods	Household Goods	Home Appliances & Housewares
			11000011010 00000	Trouberrora Goods	Home Furnishings
					Accounting & Tax Preparation
					Educational Services
		Consumer Services	Consumer Services	Consumer Services	Fitness
					Specialized Consumer Services
					Vehicle Rental
		Entertainment, Hospitality &			Leisure Facilities
		Entertainment, Hospitality & Leisure	Entertainment	Entertainment	Motorsports
					Movie Theaters

Exhibit C: ICE Data Uniform Sector Classification schema

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Class	Sector	Industry Group	Industry	Sub-Industry Group	Sub-Industry
					Stadiums & Teams
					Theme & Amusement Parks
				Casinos & Gaming	Gaming & Casinos
			Hotels, Resorts & Casinos	Casinos & Caning	Gaming Infrastructure & Equipment
				Hotels & Resorts	Hotels & Resorts
			Restaurants	Restaurants	Casual & Fine Dining
			กษรเลนาสกเร	Nesidulalits	Fast Food
			Travel & Tourism	Travel & Tourism	Cruise & Touring Services
			Traver & Tourisin		Travel Services
				Department Stores	Department Stores
				Discount Retail	Discount Retail
					Automotive Retail
					Electronics Retail
		Retail	Retail		General Apparel Retail
				Diverse Specialty Retail	Home Goods Retail
					Home Improvement Retail
					Online & Direct Retail
					Specialty Stores
		Consumer Products	Household Products	Household Products	Household Products
		Concamor Froducto	Personal Products	Personal Products	Personal Products
					Food Wholesale
				Grocery & Food Wholesale	Convenience Stores
		Food & Staples Sales	Food & Staples Sales	Siccory a recal microcare	Grocery Retail
					Membership & Bulk Retail
	Consumer Staples			Pharmacy	Pharmacy
					Beer
				Alcohol	Spirits
		Food, Beverage & Tobacco	Beverage		Wine
				Non-Alcoholic Beverages	Coffee & Tea
					Water, Juice & Soda
			Food	Meat, Dairy & Whole Foods	Agricultural Products
			. 354	modi, built a villolo i oodo	Dairy

Exhibit C: ICE Data Uniform Sector Classification schema

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Class	Sector	Industry Group	Industry	Sub-Industry Group	Sub-Industry
					Meat, Poultry & Fish
				Pet Food	Pet Food
					Chocolate & Confectionary
				Processed Foods	Diversified Packaged Foods
				Processed Foods	Health Food & Vitamins
					Snacks
				Seed & GMO	Seed & GMO
			Tobacco, Vaping & Cannabis	Tobacco, Vaping & Cannabis	Cannabis Products
			Tobacco, Vaping & Cannabis		Tobacco & Vaping Products
		Alternative Fuels	Alternative Fuels	Alternative Fuels	Alternative Fuels
		Downstream & Midstream Energy	Oil & Gas Pipelines & Storage	Oil & Gas Pipelines & Storage	Oil & Gas Pipelines & Storage
			Oil & Gas Refining & Marketing		Oil & Gas Marketing
				Oil & Gas Refining & Marketing	Oil & Gas Refining
					Oil & Gas Refining & Marketing
			Coal & Uranium	Coal & Uranium	Thermal Coal
			Godi & Gramani	oodi a oramani	Uranium
	F		Integrated Oil & Gas	Integrated Oil & Gas	Integrated Oil & Gas
				Oil & Gas Exploration & Production	Natural Gas Exploration &
	Energy				Production Offshore Oil & Gas Exploration &
			Oil & Gas Exploration & Production		Production
		Upstream Energy	Oil & Gas Exploration & Production		Oil & Gas Exploration & Production
					Onshore Oil & Gas Exploration &
					Production
					E&P Support Services
			Oil 9 Can Caminan	Oil 9 Can Caminan	Offshore Oil & Gas Drilling
			Oil & Gas Services	Oil & Gas Services	Oil & Gas Drilling Equipment
					Onshore Oil & Gas Drilling
	Financials		Banking	Rankina	National & Multi-National Banks
			Danking	Banking	Regional Banks
		Banking & Credit			Commercial Finance
		Ĭ	Credit	Credit	Consumer Finance
					Education Loans

**Exhibit C: ICE Data Uniform Sector Classification schema** 

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Class	Sector	Industry Group	Industry	Sub-Industry Group	Sub-Industry Sub-Industry
					Private & Commercial Real Estate Lending
				Insurance Brokerage	Insurance Brokerage
		Insurance	-	Life Insurance	Life Insurance
				Monoline Insurance	Liability & Warranty Insurance
			Insurance	Wiorioline insurance	Mortgage Insurance
				Multi-Line Insurance	Multi-Line Insurance
				Property, Casualty & Reinsurance	Property & Casualty Insurance
				Property, Casualty & Nellisurance	Reinsurance
					Collection Services
				Diverse Financial Services	Loan Servicing
			Financial Services		Miscellaneous Financial Services
					Consumer Credit Ratings &
				Financial Research & Advisory	Services
					Market Research & Data Services
				Asset Managers	Asset Managers
					Business Development Company
		Investments & Financial			Diversified Holding Companies
		Services		Business Investments	Mortgage REIT
					Private Equity & Venture Capital
			Investments		Special Purpose Acquisition
					Company
				One ital Manhata	Brokerage & Market Making
				Capital Markets	Exchanges & Trading
				0.4.1.5.1	Investment Banking & Brokerage
				Custody Bank	Custody Bank
			Payments & Payment Processing	Payments & Payment Processing	Payment Processing
				, ,	Payments
				Biotechnology	Biotech Therapeutics
	11 10	Biopharma	Biopharma		Biotech Tools & Diagnostics
	Healthcare	'	'	Pharmaceuticals	Generic Pharmaceuticals
					Pharmaceuticals
		Healthcare Equipment &	Healthcare Services	Health Support Services	Deathcare

**Exhibit C: ICE Data Uniform Sector Classification schema** 

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Class	Sector	Industry Group	Industry	Sub-Industry Group	Sub-Industry Sub-Industry
		Services			Healthcare Business Support Services
					Healthcare Technology Support Services
					Home Healthcare Providers
					Pharmacy Benefits Management
					Inpatient, Assisted Living & Hospice
				Healthcare Facilities	Hospitals
					Outpatient Clinics
				Managed Care	Managed Care
					Medical Equipment & Devices
			Medical Equipment & Supplies	Medical Equipment & Supplies	Medical Supplies
			Modical Equipment a cupplice	Wododi Equipmont a Supplico	Life Science Equipment, Instruments & Supplies
			Medical Services	Medical Services	Diagnostics & Testing
			Medical Services	iviedical Services	Medical Services
			Veterinary Services	Veterinary Services	Veterinary Services
			Construction & Construction Services	Construction	Construction
				Construction Services & Supplies	Construction Engineering & Services
		Building & Construction			Construction Supplies
			Homebuilders	Homebuilders	Modular Homebuilders
			riomebaliders	Florriebuliders	Onsite Homebuilders
				Equipment Leasing & Rental	Equipment Leasing
				Equipment Leasing & Nontai	Equipment Rental
	Industrials				Consulting & Research
				Professional Support Services	Employment & HR Services
		Business & Commercial			Legal & Advisory
		Services	Commercial Services		Business Supplies & Services
					Commercial Printing
				Support Services	Data Processing & Outsourced Services
					Diversified Support Services
					Facilities Services

Exhibit C: ICE Data Uniform Sector Classification schema

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Class	Sector	Industry Group	Industry	Sub-Industry Group	Sub-Industry
					Office Products & Furniture
					Vendors & Distributors
					Security & Guard Services
					Other Environmental Services
			Environmental Services	Environmental Services	Recycling Services
					Waste Services
					Aerospace Engineering &
				Aerospace	Components
				·	Aircraft Manufacturing
			Aerospace & Defense		Space & Satellite Equipment
				Defense	Diversified Defense Contractors
				Deletise	Shipbuilding
					Weapons & Weapons Systems Electrical Components & Power
			Diverse Manufacturing		Equipment
		Capital Goods		Electrical Equipment	Manufacturing Systems &
		ospiili seessi			Components
				General Industrials	Industrial Conglomerates
					Specialized Manufacturing
				OEM Automotive Components	OEM Automotive Components
					Agricultural Equipment & Machinery
					Construction Equipment &
			Equipment & Machinery	Equipment & Machinery	Machinery
					Transportation Equipment
					General Equipment & Machinery
					Air Freight
					Maritime Freight
			D 0 F	Freight Transportation	Oil & Gas Freight
		Transportation	Passenger & Freight		Rail Freight
		Transportation	Transportation		Truck Freight
				B	Airlines
				Passenger Transportation	Passenger Rail & Bus
			Transportation Comisses	Transportation Consises	Transportation
			Transportation Services	Transportation Services	Airport & Terminal Services

**Exhibit C: ICE Data Uniform Sector Classification schema** 

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Class	Sector	Industry Group	Industry	Sub-Industry Group	Sub-Industry
					Freight Logistics
					Road & Railway Construction &
					Operation
					Coatings
				Coatings & Specialty Chemicals	Specialty Chemicals
					Synthetic Oil & Fuel
		Chemicals	Chemicals		Commodity Chemicals
		- Cristinicals	Siloniisais	Commodity & Industrial Chemicals	Industrial Gases
					Nitrogen & Fertilizer
				Diverse Chemicals	Diversified Chemicals
				Diverse Offernicals	Flavor & Fragrance
			Construction Materials	Construction Materials	Cement & Aggregates
			Ocholi dollon Materialo	Constitution Materials	Other Construction Materials
			Metal Fabrication		Aluminum
				Metal Fabrication	Industrial Metal Products
		Manufactured Materials			Steel
	Materials		Packaging & Containers	Packaging & Containers	Diversified Packaging
					Glass Containers
					Metal Containers
					Paperboard Packaging
					Plastic Packaging
			Forestry & Paper	Forestry & Paper	Pulp & Paper
			1 orosity a raper	1 Greatly a raper	Timber & Lumber
					Copper
				Diverse Metals & Mining	Diversified Base Metals
		Natural Resources		2.76.66	Metallurgical Coal
			Metals & Mining		Titanium
					Gold
				Precious Metals & Mining	Platinum Group Metals &
				1 recious metals a milling	Gemstones Mining
	14 11 0			5 " 134" " 01.	Silver
	Media &	Communications	Communications	Broadband, Wireline & Internet	Broadband & Internet Backbone
	Communications			Services	Integrated Telecommunications

**Exhibit C: ICE Data Uniform Sector Classification schema** 

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Class	Sector	Industry Group	Industry	Sub-Industry Group	Sub-Industry
					Services
					Wireline Services
				Wireless & Satellite	Satellite Telecommunications
				vvireiess & Satellite	Wireless
					Cable & Satellite TV
					Diversified Media
					Filmed Entertainment
				Media Content	Publishing
					Audio Content
		Media	Media		Video Content
					Video Games
					Advertising & Marketing Services
					Entertainment Production &
				Media Services	Services
					Social Media, Search & Online
					Marketing Housing Association
					Real Estate Development
				Real Estate Development &	Real Estate Development &
		Real Estate	Real Estate	Management	Management
					Real Estate Operating Companies
				Real Estate Services	Real Estate Services
				Retail REITs	Retail REITs
				Diversified REITs	Diversified REITs
	Real Estate &			Healthcare REITs	Healthcare REITs
	REITs			Hotel & Resort REITs	Hotel & Resort REITs
				Industrial REITs	Industrial REITs
		REITs	REITs	Office REITs	Office REITs
				Residential REITs	Residential REITs
					Communication REITs
				Specialized REITs	Energy REITs
				Specialized NETTS	Gaming REITs
					Other Specialized REITs

**Exhibit C: ICE Data Uniform Sector Classification schema** 

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Class	Sector	Industry Group	Industry	Sub-Industry Group	Sub-Industry
					Storage REITs
					Timberland REITs
			Electronic Components	Electronic Components	Electronic Components
			Electronic Engineering	Electronic Engineering	Battery Technology
		Electronics & Electronics			Electronic Equipment & Instruments
		Engineering		Liectionic Engineering	Electronic Manufacturing Services
		Linginocining			Solar Cells
			Semiconductors	Semiconductors	Semiconductor Equipment
			Connectinations	Octiliodiladolois	Semiconductors
		Software & Technology Services	Networks	Networks	Internet Services & Infrastructure
			Networks	IAGEMOLV2	Network Security
			Software		Application Software
	Technology			Software	Blockchain Applications
					Enterprise Software
			Technology Research & Advisory	Technology Research & Advisory	Technology Consulting
			, common grant or many		Technology IP Holders
			Technology Services	Technology Services	Identity & Authentication
					Platform As A Service
					Software As A Service
				Hardware, Devices & Storage	Components & Peripherals
					Computers & Computing Devices
		Technology Hardware &	Technology Hardware &		Storage Devices
		Equipment	Equipment	Technology Infrastructure &	Communications Equipment
				Equipment	Communications Technology
				, ,	Network Infrastructure
				Electricity Generation - Non- Renewable	Electricity Generation - Non- Renewable
				Nellewable	Nellewable
	Utilities	Electricity	Electricity Generation		
				Electricity Generation - Renewable	Electricity Generation - Renewable
			Integrated Electricity & Distribution	Electricity Distribution &	Electricity Distribution &

**Exhibit C: ICE Data Uniform Sector Classification schema** 

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Class	Sector	Industry Group	Industry	Sub-Industry Group	Sub-Industry
				Transmission	Transmission
				Integrated Electricity	Integrated Electricity
		Gas	Gas	Gas	Natural Gas
		Gas	Gas	Gas	Propane
		Multi-Utilities	Multi-Utilities	Multi-Utilities	Multi-Utilities
		Water	Water	Water	Potable Water
					Wastewater & Desalination
Sovereign	Sovereign	Sovereign	Sovereign	Sovereign	Sovereign
		Agency	Agency	Agency	Agency
		Foreign Sovereign	Foreign Sovereign	Foreign Sovereign	Foreign Sovereign
		Government Guaranteed	Government Guaranteed	Government Guaranteed	Government Guaranteed
		Local-Authority	Local-Authority	Local-Authority	Local-Authority
		Supranational	Supranational	Supranational	Supranational
			Pre-Refunded	Pre-Refunded	Pre-Refunded
			Taxable ETM	Taxable ETM	Taxable ETM
			Taxable GO - Local	Taxable GO - Local	Taxable GO - Local
			Taxable GO - State	Taxable GO - State	Taxable GO - State
			Taxable Revenue - Airport	Taxable Revenue - Airport	Taxable Revenue - Airport
			Taxable Revenue - Education	Taxable Revenue - Education	Taxable Revenue - Education
Quasi & Foreign Government	Quasi & Foreign Government		Taxable Revenue - Health	Taxable Revenue - Health	Taxable Revenue - Health
Oovernment	Government		Taxable Revenue - Hospitals	Taxable Revenue - Hospitals	Taxable Revenue - Hospitals
		U.S. Taxable Municipal	Taxable Revenue - Industrial Development Revenue	Taxable Revenue - Industrial Development Revenue	Taxable Revenue - Industrial Development Revenue
			Taxable Revenue - Leasing COPS & Appropriations	Taxable Revenue - Leasing COPS & Appropriations	Taxable Revenue - Leasing COPS & Appropriations
			Taxable Revenue - Misc	Taxable Revenue - Misc	Taxable Revenue - Misc
			Taxable Revenue - Multi-Family	Taxable Revenue - Multi-Family	Taxable Revenue - Multi-Family
			Housing	Housing Tayabla Dayanya Dallytica Castrol	Housing
			Taxable Revenue - Pollution Control	Taxable Revenue - Pollution Control	Taxable Revenue - Pollution Control
			Taxable Revenue - Power	Taxable Revenue - Power	Taxable Revenue - Power
			Taxable Revenue - Single Family Housing	Taxable Revenue - Single Family Housing	Taxable Revenue - Single Family Housing
			Taxable Revenue - Tax	Taxable Revenue - Tax	Taxable Revenue - Tax

**Exhibit C: ICE Data Uniform Sector Classification schema** 

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Class	Sector	Industry Group	Industry	Sub-Industry Group	Sub-Industry
			Taxable Revenue - Tobacco	Taxable Revenue - Tobacco	Taxable Revenue - Tobacco
			Taxable Revenue - Toll & Turnpike	Taxable Revenue - Toll & Turnpike	Taxable Revenue - Toll & Turnpike
			Taxable Revenue - Transportation	Taxable Revenue - Transportation	Taxable Revenue - Transportation
			Taxable Revenue - Utilities - Other	Taxable Revenue - Utilities - Other	Taxable Revenue - Utilities - Other
			Taxable Revenue - Water & Sewer	Taxable Revenue - Water & Sewer	Taxable Revenue - Water & Sewer
			Mortgage Covered Bonds	Mortgage Covered Bonds	Mortgage Covered Bonds
	Covered	Covered Bonds	Other Covered Bonds	Other Covered Bonds	Other Covered Bonds
			Public Loan Covered Bonds	Public Loan Covered Bonds	Public Loan Covered Bonds
			ABS Automobile	ABS Automobile	ABS Automobile
			ABS Credit Cards	ABS Credit Cards	ABS Credit Cards
		Asset Backed	ABS Home Equity Loans	ABS Home Equity Loans	ABS Home Equity Loans
	Securitized		ABS Manufactured Housing	ABS Manufactured Housing	ABS Manufactured Housing
			ABS Miscellaneous ABS	ABS Miscellaneous ABS	ABS Miscellaneous ABS
			ABS Utilities	ABS Utilities	ABS Utilities
0 11 110 11 1 11			CMO Other	CMO Other	CMO Other
Securitized/Collaterali zed			PAC	PAC	PAC
250			PAC Z	PAC Z	PAC Z
			Sequential	Sequential	Sequential
		Collateralized Mortgage	Sequential Z	Sequential Z	Sequential Z
		Obligation	Structured IO	Structured IO	Structured IO
			Structured PO	Structured PO	Structured PO
			Support Z	Support Z	Support Z
			Trust IO	Trust IO	Trust IO
			Trust PO	Trust PO	Trust PO
		Commercial Mortgage Backed	Commercial Mortgage Backed	Commercial Mortgage Backed	Commercial Mortgage Backed
		Mortgage Backed	Mortgage Backed	Mortgage Backed	Mortgage Backed
	GO	GO - Local	GO - Local	GO - Local	GO - Local
II C Tay Toward	GO	GO - State	GO - State	GO - State	GO - State
U.S. Tax-Exempt Municipals	Refunded	Refunded	ETM	ETM	ETM
	Retunded	Noturiueu	Pre-Refunded	Pre-Refunded	Pre-Refunded
	Revenue	Revenue - Airport	Revenue - Airport	Revenue - Airport	Revenue - Airport

**Exhibit C: ICE Data Uniform Sector Classification schema** 

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Class	Sector	Industry Group	Industry	Sub-Industry Group	Sub-Industry
		Revenue - Education	Revenue - Education	Revenue - Education	Revenue - Education
		Revenue - Health	Revenue - Health	Revenue - Health	Revenue - Health
		Revenue - Hospitals	Revenue - Hospitals	Revenue - Hospitals	Revenue - Hospitals
		Revenue - Industrial Development Revenue	Revenue - Industrial Development Revenue	Revenue - Industrial Development Revenue	Revenue - Industrial Development Revenue
		Revenue - Leasing COPS & Appropriations	Revenue - Leasing COPS & Appropriations	Revenue - Leasing COPS & Appropriations	Revenue - Leasing COPS & Appropriations
		Revenue - Misc	Revenue - Misc	Revenue - Misc	Revenue - Misc
		Revenue - Multi-Family Housing			
		Revenue - Pollution Control			
		Revenue - Power	Revenue - Power	Revenue - Power	Revenue - Power
		Revenue - Single Family Housing	Revenue - Single Family Housing	Revenue - Single Family Housing	Revenue - Single Family Housing
		Revenue - Tax	Revenue - Tax	Revenue - Tax	Revenue - Tax
		Revenue - Tobacco	Revenue - Tobacco	Revenue - Tobacco	Revenue - Tobacco
		Revenue - Toll & Turnpike			
		Revenue - Transportation	Revenue - Transportation	Revenue - Transportation	Revenue - Transportation
		Revenue - Utilities - Other			
		Revenue - Water & Sewer			
Derivative	Curan	Inflation Swap	Inflation Swap	Inflation Swap	Inflation Swap
Denvalive	Swap	Interest rate Swap	Interest rate Swap	Interest rate Swap	Interest rate Swap
CASH	CASH	CASH	CASH	CASH	CASH

### **Detail Business Classification map**

Exhibit D: Detail Business Classification map to USC Level 6 and traditional fixed income Level 4 Corporate classifications

Activewear Activewear Specialty Retail Children's Clothes General Apparel Specialty Retail Footwear Footwear Specialty Retail General Apparel General Apparel Specialty Retail Maternity Apparel & Goods General Apparel Specialty Retail Maternity Apparel & Goods General Apparel Specialty Retail Men's Clothes General Apparel Specialty Retail Men's Clothes General Apparel Specialty Retail Momen's Clothes Actives Specialty Retail Momen's Clothes Automotive Parts & Services Automotive Parts & Equipment Captive Finance Auto Lending Car & Light Truck Manufacturers Automakers  Car & Light Truck Manufacturers Automakers Motorcycle Manufacturers Motorcycle Manufacturers Automakers  Motorcycle Manufacturers Automakers  Tire & Rubber Tire & Rubber Auto Parts & Equipment Consumer Electronics Consumer Electronics Tech Hardware & Equipment Consumer Electronics Perfume Personal & Household Products Firearms & Ammunition Firearms & Ammunition Personal & Household Products Leisure Goods Leisure Goods Personal & Household Products Recreational Vehicles Personal & Household Products Fitness Recreational Vehicles Personal & Household Products Fitness Recreational Vehicles Personal & Household Products Personal & Household Products Fitness Recreation & Travel  Specialized Consumer Services Support-Services  Accounting & Tax Preparation Support-Services  Vehicle Rental Vehicle Rental Support-Services  Leisure Facilities Leisure Facilities Recreation & Travel  Motorsports Motorsports	Detail Business Classification	USC Level 6 classification	Traditional Fixed income Level 4 classification
Children's Clothes Control Apparel Specialty Retail Fotowar Specialty Retail Senseral Apparel Specialty Retail Maternity Apparel & Goods General Apparel Specialty Retail Metris Clothes General Apparel Specialty Retail Metris Clothes General Apparel Specialty Retail Metris Clothes General Apparel Specialty Retail Fetilies Textilies Textilies Textilies Specialty Retail Automotive Parts & Services	Accessories & Luxury Goods	Accessories & Luxury Goods	Specialty Retail
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General Apparel General Apparel Men's Clothes General Apparel Men's Clothes General Apparel Men's Clothes General Apparel Specialty Retail Men's Clothes Textles Textles Textles Specialty Retail Men's Clothes General Apparel Specialty Retail Specialty Retail Automotive Parts & Services Parts & Armonistics Textle Parts & Services Automotive Parts & Services Parts & Armonistics Textle Parts & Services Parts & Armonistics Parts & Services Automotive	Children's Clothes	General Apparel	
Maternity Apparet & Coods   General Apparet   Specialty Retail			
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Textiles   Textiles   Specialty Retail   Women's Cothes   General Apparel   Specialty Retail   Automotive Parts & Services   Autonotive Parts & Services   Autonotive Parts & Services   Auto Parts & Equipment   Captive Finance Auto Lending   Car & Light Truck Manufacturers   Auto Darts   Autonakers   Autonakers   Motorcycle Manufacturers   Autonakers   Motorcycle Manufacturers   Autonakers   Motorcycle Manufacturers   Autonakers   Tire & Rubber   Tire & Rubber   Auto Parts & Equipment   Consumer Electronics   Consumer Electronics   Toch Hardware & Equipment   Consumer Services   Consumer Electronics   Toch Hardware & Equipment   Consenties & Perfume   Personal & Household Products   Firearms & Ammunition   Personal & Household Products   Firearms & Personal & Firearms   Firearms & Personal & Household Products   Firearms & Person	Maternity Apparel & Goods		1 /
Moments   Clothes   Ceneral Apparel   Specially Retail   Autbromotive Parts & Services   Automotive Parts & Services   Automative Parts & Services   Car & Light Truck Manufacturers   Automatives   Car & Light Truck Manufacturers   Automatives   Motorcycle Manufacturers   Automatives   Auto Parts & Equipment   Cosmetics & Perfume   Auto Parts & Equipment   Cosmetics & Perfume   Personal & Household Products   Firearms & Ammunition   Firearms & Ammunition   Personal & Household Products   Firearms & Firearms   Personal & Household Products   Firearms & Teneral   Personal & Household Products	Men's Clothes	General Apparel	Specialty Retail
Automotive Parts & Services Captive Finance Auto Lending Car & Light Truck Manufacturers Auto Leans Car Light Truck Manufacturers Auto Leans Car & Light Truck Manufacturers Automakers Motorcycle Manufacturers Motorcycle Manufacturers Automakers Tire & Rubber Tire & Rubber Tire & Rubber Consumer Electronics Consumer Electronics Consumer Electronics Consumer Electronics Consumer Services Tech Hardware & Equipment Consentics & Perfume Personal & Household Products Firearms & Ammunition Personal & Household Products Firearms & Ammunition Personal & Household Products Firearms & Ammunition Personal & Household Products Recreational Vehicles Recreational Vehicles Firearms & Ammunition Personal & Household Products Firearms & Ammunition Personal & Household Products Recreational Vehicles Recreational Vehicles Recreational Vehicles Recreational Vehicles Recreation & Travel Specialized Consumer Services Support-Services Support-Servic			
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Motorycle Manufacturers  Motorycle Manufacturers  Tire & Rubber  Tire & Rubber  Consumer Electronics  Consumer Electronics  Consumer Electronics  Consumer Electronics  Consumer Electronics  Cosmetics & Perfume  Personal & Household Products  Firerams & Ammunition  Firerams & Ammunition  Personal & Household Products  Elisure Goods  Leisure Goods  Recreational Vehicles  Firerams & Ammunition  Personal & Household Products  Recreational Vehicles  Personal & Household Products  Firerams & Ammunition  Personal & Household Products  Recreational Vehicles  Personal & Household Products  Recreational Vehicle Recreation & Support-Services  Specialized Consumer Services  Specialized Consumer Services  Specialized Consumer Services  Support-Services  Recreation & Travel  Motorsports  Wehicle Rental  Vehicle Rental  Vehicle Rental  Vehicle Rental  Vehicle Rental  Support-Services  Eleutronial Sarvices  Leisure Facilities  Leisure Facilities  Leisure Facilities  Recreation & Travel  Motorsports  Recreation & Travel  Theme & Amusement Parks  Recreation &	·	·	Auto Loans
Tire & Rubber Consumer Electronics Consumer Electronics Consumer Electronics Consumer Electronics Tech Hardware & Equipment Cosmetics & Perfume Cosmetics & Perfume Personal & Household Products Firearms & Ammunition Firearms & Ammunition Personal & Household Products Leisure Goods Leisure Goods Leisure Goods Leisure Goods Recreational Vehicles Recreational Vehicles Recreational Vehicles Recreational Vehicles Recreational Vehicles Recreational Vehicles Fitness Specialized Consumer Services Support-Services Vehicle Rental Vehicle Rental Support-Services Leisure Facilities Leisure Facilities Leisure Facilities Leisure Facilities Recreation & Travel Motorsports Motorsports Motorsports Movie Theaters Movie Theaters Movie Theaters Movie Theaters Stadiums & Teams Recreation & Travel Movie Theaters Stadiums & Teams Recreation & Travel Theme & Amusement Parks Gaming & Casinos Gaming Ministructure & Equipment Hotels & Resorts Hotel			Automakers
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Firearms & Ammunition Firearms & Ammunition Personal & Household Products Leisure Goods Leisure Goods Recreational Vehicles Recreational Vehicles Personal & Household Products Personal &	Consumer Electronics	Consumer Electronics	Tech Hardware & Equipment
Leisure Goods Recreational Vehicles Recreational Recreational Vehicles Recreational R	Cosmetics & Perfume	Cosmetics & Perfume	Personal & Household Products
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Accounting & Tax Preparation  Accounting & Tax Preparation  Vehicle Rental  Vehicle Rental  Vehicle Rental  Vehicle Rental  Support-Services  Educational Services  Educational Services  Educational Services  Leisure Facilities  Leisure Facilities  Recreation & Travel  Motorsports  Motorsports  Movie Theaters  Movie Theaters  Stadiums & Teams  Recreation & Travel  Movie Theaters  Stadiums & Teams  Recreation & Travel  Theaters  Stadiums & Teams  Recreation & Travel  Recreation & Travel  Theme & Amusement Parks  Gaming & Casinos  Gaming A Casinos  Gaming Macasinos  Gaming Infrastructure & Equipment  Hotels & Resorts  Hotels & Resorts  Hotels & Resorts  Hotels & Resorts  Home Appliances & Housewares  Home Appliances & Housewares  Home Furnishings  Personal & Household Products  Home Furnishings  Personal & Household Products  Restaurants  Fast Food  Automotive Retail  Automotive Retail  Department Stores  Electronics Retail  Electronics Retail  Electronics Retail  Electronics Retail  Electronics Retail  Discount Retail  Discount Retail  Discount Retail  Discount Retail  Discount Retail  Discount Retail  Membership & Bulk	Fitness	Fitness	Recreation & Travel
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Vehicle Rental  Educational Services  Educational Services  Educational Services  Leisure Facilities  Leisure Facilities  Motorsports  Motorsports  Movie Theaters  Theaters & Theaters & Theaters & Theaters & Entertainment  Stadiums & Teams  Stadiums & Teams  Stadiums & Teams  Stadiums & Teams  Thematers & Theaters & Theaters & Theaters & Theaters & Entertainment  Stadiums & Teams  Stadiums & Teams  Thematers & Theaters & Theaters & Theaters & Theaters & Entertainment  Stadiums & Teams  Thematers & Thematers  Thematers & Theaters & Theaters & Theaters & Theaters & Theaters  Stadiums & Teams  Thematers & Theaters & Theaters  Thematers & Theaters & Theaters & Theaters  Thematers & Theaters & Theaters  Theaters & Teaters  Theaters & Travel  Gaming Infastructure & Equipment  Gaming Infastructure & Equipment  Gaming Infastructure & Equipment  Gaming Infastructure & Equipment  Hotels & Resorts  Hotels  Home Appliances & Housewares  Personal & Household Products  Home Eurishings  Personal & Household Products  Casual & Fine Dining  Restaurants  Personal & Household Products  Casual & Fine Dining  Restaurants  Teater Food  Restaurants  Teaturants  Teaturants  Teater Food  Restaurants  Teaturants  Teaturants  Teaturants  Teaturants  Department Stores  Teater Stores  Teater Stores  Teater Stores  Teater Stores  Teate	Accounting & Tax Preparation	Accounting & Tax Preparation	Support-Services
Leisure Facilities Leisure Facilities Recreation & Travel Motorsports Motorsports Motorsports Movie Theaters Theaters Theaters Stadiums & Teams Stadiums & Teams Recreation & Travel Theaters Stadiums & Teams Recreation & Travel Theaters Stadiums & Teams Recreation & Travel Theaters Theme & Amusement Parks Recreation & Travel		Vehicle Rental	Support-Services
Motorsports         Motorsports         Recreation & Travel           Movie Theaters         Theaters         Theaters & Entertainment           Stadiums & Teams         Recreation & Travel           Theme & Amusement Parks         Theme & Amusement Parks         Recreation & Travel           Gaming & Casinos         Gaming Gaming Infrastructure & Equipment         Gaming Gaming Infrastructure & Equipment           Hotels & Resorts         Hotels & Resorts         Hotels           Home Appliances & Housewares         Home Appliances & Household Products           Home Appliances & Housewares         Personal & Household Products           Home Furnishings         Personal & Household Products           Casual & Fine Dining         Casual & Fine Dining         Restaurants           Fast Food         Fast Food         Restaurants           Automotive Retail         Specialty Retail         Specialty Retail           Department Stores         Department Stores         Department Stores           Electronics Retail         Electronics Retail         Specialty Retail           Discount Retail         Discount Retail         Specialty Retail           Home Goods Retail         Home Goods Retail         Specialty Retail           Home Improvement Retail         Membership & Bulk Retail         Specialty Retail <td>Educational Services</td> <td>Educational Services</td> <td>Support-Services</td>	Educational Services	Educational Services	Support-Services
Movie Theaters  Movie Theaters  Stadiums & Teams  Stadiums & Teams  Stadiums & Teams  Recreation & Travel  Theme & Amusement Parks  Remaing & Casinos  Gaming & Casinos  Gaming Maing Main	Leisure Facilities	Leisure Facilities	Recreation & Travel
Movie Theaters  Movie Theaters  Stadiums & Teams  Stadiums & Teams  Stadiums & Teams  Recreation & Travel  Theme & Amusement Parks  Remaing & Casinos  Gaming & Casinos  Gaming Maing Main	Motorsports	Motorsports	Recreation & Travel
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Gaming & Casinos Gaming Infrastructure & Equipment Gaming Infrastructure & Equipment Gaming Infrastructure & Equipment Hotels & Resorts Hotels & Resorts Hotels & Resorts Home Appliances & Housewares Home Appliances & Housewares Home Furnishings Personal & Household Products Casual & Fine Dining Restaurants Fast Food Restaurants Automotive Retail Department Stores	Theme & Amusement Parks	Theme & Amusement Parks	
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Home Furnishings	Home Appliances & Housewares	Home Appliances & Housewares	Personal & Household Products
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Cruise & Touring Services       Recreation & Travel         Travel Services       Recreation & Travel         Beer       Beverage         Spirits       Beverage         Wine       Beverage         Grocery Retail       Grocery Retail       Food & Drug Retailers         Convenience Stores       Convenience Stores       Food & Drug Retailers         Food Wholesale       Food - Wholesale         Pharmacy       Pharmacy       Food & Drug Retailers         Agricultural Products       Agricultural Products       Food - Wholesale			
Travel Services       Recreation & Travel         Beer       Beverage         Spirits       Beverage         Wine       Beverage         Grocery Retail       Grocery Retail       Food & Drug Retailers         Convenience Stores       Convenience Stores       Food & Drug Retailers         Food Wholesale       Food - Wholesale         Pharmacy       Food & Drug Retailers         Agricultural Products       Food - Wholesale			
Beer       Beverage         Spirits       Beverage         Wine       Beverage         Grocery Retail       Grocery Retail       Food & Drug Retailers         Convenience Stores       Convenience Stores       Food & Drug Retailers         Food Wholesale       Food - Wholesale         Pharmacy       Food & Drug Retailers         Agricultural Products       Food - Wholesale			
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Convenience Stores       Food & Drug Retailers         Food Wholesale       Food Wholesale         Pharmacy       Food & Drug Retailers         Agricultural Products       Food & Drug Retailers         Food - Wholesale       Food - Wholesale			
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Agricultural Products Agricultural Products Food - Wholesale	Convenience Stores		
	Convenience Stores Food Wholesale	Food Wholesale	Food - Wholesale
( 'noncorior v ( 'ontograpionam')	Convenience Stores Food Wholesale Pharmacy	Food Wholesale Pharmacy	Food - Wholesale Food & Drug Retailers

Exhibit D: Detail Business Classification map to USC Level 6 and traditional fixed income Level 4 Corporate classifications

	ap to USC Level 6 and traditional fixed income	
Detail Business Classification	USC Level 6 classification	Traditional Fixed income Level 4 classification
Coffee & Tea	Coffee & Tea	Food - Wholesale
Dairy	Dairy	Food - Wholesale
Diversified Packaged Foods	Diversified Packaged Foods	Food - Wholesale
Health Food & Vitamins	Health Food & Vitamins	Food - Wholesale
Meat, Poultry & Fish	Meat, Poultry & Fish	Food - Wholesale
Pet Food	Pet Food	Food - Wholesale
Seed & GMO	Seed & GMO	Food - Wholesale
Snacks	Snacks	Food - Wholesale
Water, Juice & Soda	Water, Juice & Soda	Beverage
Household Products	Household Products	Personal & Household Products
Personal Products	Personal Products	Personal & Household Products
Cannabis Products	Cannabis Products	Tobacco
Tobacco & Vaping Products	Tobacco & Vaping Products	Tobacco
Uranium	Uranium	Metals/Mining Excluding Steel
Thermal Coal	Thermal Coal	Metals/Mining Excluding Steel
Integrated Oil & Gas	Integrated Oil & Gas	Integrated Energy
Natural Gas Exploration & Production	Natural Gas Exploration & Production	Energy - Exploration & Production
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Onshore Oil & Gas Exploration & Production Offshore Oil & Gas Exploration & Production	Onshore Oil & Gas Exploration & Production Offshore Oil & Gas Exploration & Production	Energy - Exploration & Production Energy - Exploration & Production
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Oil & Gas Exploration & Production	Oil & Gas Exploration & Production	Energy - Exploration & Production
Oil & Gas Refining & Marketing	Oil & Gas Refining & Marketing	Oil Refining & Marketing
Oil & Gas Refining	Oil & Gas Refining	Oil Refining & Marketing
Oil & Gas Marketing	Oil & Gas Marketing	Oil Refining & Marketing
E&P Support Services	E&P Support Services	Oil Field Equipment & Services
Offshore Oil & Gas Drilling	Offshore Oil & Gas Drilling	Oil Field Equipment & Services
Oil & Gas Drilling Equipment	Oil & Gas Drilling Equipment	Oil Field Equipment & Services
Oil & Gas Pipelines & Storage	Oil & Gas Pipelines & Storage	Gas Distribution
Onshore Oil & Gas Drilling	Onshore Oil & Gas Drilling	Oil Field Equipment & Services
Alternative Fuels	Alternative Fuels	Food - Wholesale
National & Multi-National Banks	National & Multi-National Banks	Banking
Regional Banks	Regional Banks	Banking
Business Development Company	Business Development Company	Investments & Misc Financial Services
Commercial Finance	Commercial Finance	Cons/Comm/Lease Financing
Education Loans	Education Loans	Cons/Comm/Lease Financing
Equipment Leasing	Equipment Leasing	Cons/Comm/Lease Financing
Private & Commercial Real Estate Lending	Private & Commercial Real Estate Lending	Banking
Consumer Finance	Consumer Finance	Cons/Comm/Lease Financing
Consumer Credit Ratings & Services	Consumer Credit Ratings & Services	Investments & Misc Financial Services
Market Research & Data Services	Market Research & Data Services	Investments & Misc Financial Services
Collection Services	Collection Services	Investments & Misc Financial Services
Miscellaneous Financial Services	Miscellaneous Financial Services	Investments & Misc Financial Services
Loan Servicing	Loan Servicing	Investments & Misc Financial Services
Insurance Brokerage	Insurance Brokerage	Insurance Brokerage
Liability & Warranty Insurance	Liability & Warranty Insurance	Monoline Insurance
Life Insurance	Life Insurance	Life Insurance
Mortgage Insurance	Mortgage Insurance	Monoline Insurance
Multi-Line Insurance	Multi-Line Insurance	Multi-Line Insurance
Property & Casualty Insurance	Property & Casualty Insurance	P&C
Reinsurance	Reinsurance	
		Reinsurance
Special Purpose Acquisition Company	Special Purpose Acquisition Company	Investments & Misc Financial Services
Asset Managers	Asset Managers	Investments & Misc Financial Services
Brokerage & Market Making	Brokerage & Market Making	Brokerage
Custody Bank	Custody Bank	Investments & Misc Financial Services
Diversified Holding Companies	Diversified Holding Companies	Investments & Misc Financial Services
Exchanges & Trading	Exchanges & Trading	Investments & Misc Financial Services
Investment Banking & Brokerage	Investment Banking & Brokerage	Brokerage
Private Equity & Venture Capital	Private Equity & Venture Capital	Investments & Misc Financial Services
Payments	Payments	Software/Services
Payment Processing	Payment Processing	Software/Services
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Exhibit D: Detail Business Classification map to USC Level 6 and traditional fixed income Level 4 Corporate classifications

Bildech Trainpaules Pharmacouticals Impatient, Assisted Living & Hospice Peath-care Beath-care Beath	Exhibit B. Betail Bacillese Glacollication ind	to osc Level o and traditional fixed income	20101 4 Corporate diacomounions
Bildech Therapeutics   Pharmacuturials   Pharmac	Detail Business Classification	USC Level 6 classification	Traditional Fixed income Level 4 classification
Inquient, Assisted Living & Hospice Deathcare			
Deathcare Deathcare Deathcare Healthcare Business Support Services Healthcare Business Support Services Healthcare Business Support Services Healthcare Technology Support Services Managed Care Managed Care Monaged Care Home Healthcare Providers Home Healthcare Providers Health Services Managed Care Home Healthcare Providers Health Services Managed Care Home Healthcare Providers Health Services Managed Care Managed Care Health Services Managed Care Managed Care Health Services Managed Care Managed Care Managed Care Health Services Managed Care Managed Care Managed Care Managed Care Managed Care Health Services Managed Care Managed Care Health Services Managed Care Health Services Managed Care Health Services Medical Sequipment Instruments & Supplies Bedical Supplies Bedical Supplies Medical Services Medical Sequipment Instruments & Supplies Bedical Sequipment Managed Care Health Services Medical Sequipment Managed Care Health Services Medical Services Medical Sequipment Managed Care Health Services Medical Services Medical Sequipment Managed Care Health Services			Pharmaceuticals
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Healthcare Technology Support Services   Health Services   Managed Care   Managed Care   Managed Care   Home Healthcare Providers   Home Health Services   Home Health Services   Home Health Services   Home Health Services   Outpatient Clinics   Outpatient Clinics   Home Medical Equipment & Devices   Medical Products   Medical Products   Medical Products   Medical Supplies   Life Science Equipment, Instruments & Supplies   Diagnostics & Testing   Medical Products   Medical Services   Medic			
Managed Care Managed Care Managed Care Member Healthcare Providers Hospitals Pharmacy Benefits Management Outpatient Clinics Outpatient Clinics Outpatient Clinics Outpatient Clinics Medical Equipment & Devices Medical Equipment & Devices Medical Supplies Medical Products Medical Services Medical Services Medical Services Medical Services Medical Services Medical Services Medical Products Medic			
Home Healthcare Providers Hospitals			
Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Hospitals Pharmacy Benefits Management Modern Services Output Hospitals Services Output Hospitals Services Output Hospitals Services Medical Equipment & Devices Medical Foundation Medical Equipment & Devices Medical Products Medical Equipment & Devices Medical Products Medical Equipment, Instruments & Supplies Diagnostics & Testing Diagnostics & Testing Diagnostics & Testing Diagnostics & Testing Hospitals Hospit	Managed Care		·
Pharmacy Benefits Management  Outpatient Clinics  Outpatient Clinics  Outpatient Clinics  Medical Equipment & Devices  Medical Equipment & Devices  Medical Equipment & Devices  Medical Equipment & Medical Equipment & Medical Products  Medical Equipment, instruments & Supplies  Ité Science Equipment, instruments & Supplies  Diagnostics & Testing  Medical Services  Medica			
Outpatient Clinics Medical Supplies Medi		'	
Medical Equipment & Devices         Medical Equipment Medical Supplies         Medical Supplies         Medical Supplies         Medical Supplies         Medical Supplies         Medical Supplies         Medical Products           Diagnostics & Testing         Medical Services         Medical Services         Medical Products           Medical Services         Medical Services         Health Services           Generic Pharmaceuticals         Pharmaceuticals         Pharmaceuticals           Pharmaceuticals         Pharmaceuticals         Pharmaceuticals           Veterinary Services         4erospace Engineering & Components         Acrospace Engineering & Components           Alrorath Manufacturing         Aircraft Manufacturing         Aerospace Defense           Diversified Defense Contractors         Diversified Defense Contractors         Aerospace Defense           Space & Satellite Equipment         Space & Satellite Equipment         Aerospace Defense           Veapons & Weapons & Weapons Systems         Aerospace Defense           Airlines         Air Transportation           Passanger Rail & Bus Transportation         Passanger Rail & Bus Transportation           OEM Automotive Components         OLEM Automotive Components         Auto Parts & Equipment Medical Equipment Medi			
Medical Supplies         Medical Supplies         Medical Clupplies           Life Science Equipment, Instruments & Supplies         Life Science Equipment, Instruments & Supplies           Diagnostics & Testing         Diagnostics & Testing         Health Services           Medical Services         Medical Services         Health Services           Generic Pharmacouticals         Pharmacouticals         Pharmacouticals           Pharmacouticals         Pharmacouticals         Pharmacouticals           Veterinary Services         Health Facilities           Aerospace Engineering & Components         Aerospace Engineering & Components         Aerospace Defense           Aircard Manufacturing         Aircard Manufacturing         Aerospace Defense           Diversified Defense Contractors         Aerospace Defense           Shipbuilding         Shipbuilding         Aerospace Defense           Shipbuilding         Shipbuilding         Aerospace Defense           Weapons & Weapons Systems         Weapons & Weapons Systems         Aerospace Defense           Airlines         Airlines         Air Transportation           Passenger Rail & Bus Transportation         Transport Intrinstructure/Services           DEM Automotive Components         Auto Parks & Equipment           Desumsens Supplies & Services         Business Supplies & Services	-		
Life Science Equipment, Instruments & Supplies Diagnostics & Testing Medical Services Pharmaceuticals Pharmac			
Diagnostics & Testing Medical Services Medical Services Medical Services Medical Services Medical Services Medical Services Health Services Generic Pharmaceuticals Pharmaceut			Medical Products
Medical Services Generic Pharmaceuticals Pharm			
Generic Pharmaceuticals Veterinary Services Aerospace Engineering & Components Aerospace Defense Aerospace Defense Aerospace Defense Diversified Defense Contractors Diversified Defense Contractors Diversified Defense Contractors Aerospace/Defense Shipbuilding Aerospace/Defense Shipbuilding Aerospace/Defense Shipbuilding Aerospace/Defense Shipbuilding Aerospace/Defense Shipbuilding Aerospace/Defense Aerospace/Defense Aerospace/Defense Weapons & Weapons Systems Aerospace/Defense Aerospac			
Pharmaceuticals  Pharmaceuticals  Veterinary Services  Veterinary Services  Aerospace Engineering & Components  Aerospace Engineering & Components  Aerospace Engineering & Components  Aerospace Defense  Diversified Defense Contractors  Diversified Defense Contractors  Shipbulding  Space & Satellite Equipment  Space & Satellite Equipment  Space & Satellite Equipment  Aerospace/Defense  Shipbulding  Aerospace/Defense  Shipbulding  Aerospace/Defense  Shipbulding  Aerospace/Defense  Shipbulding  Aerospace/Defense  Shipbulding  Aerospace/Defense  Shipbulding  Aerospace/Defense  Aer	Medical Services	Medical Services	
Veterinary Services  Aerospace Engineering & Components  Aerospace Defense  Diversified Defense Contractors  Diversified Defense Contractors  Shipbuilding  Shipbuilding  Shipbuilding  Shipbuilding  Aerospace/Defense  Shipbuilding  Aerospace/Defense  Shipbuilding  Aerospace/Defense  Shipbuilding  Aerospace/Defense  Shipbuilding  Aerospace/Defense  Shipbuilding  Aerospace/Defense	Generic Pharmaceuticals	Generic Pharmaceuticals	Pharmaceuticals
Aerospace Engineering & Components Aerospace Engineering & Components Aerospace/Defense Aircraft Manufacturing Aerospace/Defense Diversified Defense Contractors Diversified Defense Contractors Aerospace/Defense Shipbuilding Shipbuilding Shipbuilding Space & Satellite Equipment Aerospace/Defense Space & Satellite Equipment Aerospace/Defense Weapons & Weapons Systems Weapons & Weapons Systems Weapons & Weapons Systems Aerospace/Defense Airlines Airlin	Pharmaceuticals		
Aircraft Manufacturing Diversified Defense Contractors Diversified Defense Contractors Shipbuilding Shourified Defense Contractors Shipbuilding Shourified Defense Contractors Aerospace/Defense Shipbuilding Shourified Defense Shipbuilding Aerospace/Defense Shipbuilding Shourified Statellite Equipment Aerospace/Defense Aerospace/Defense Aerospace/Defense Meapons Systems Aerospace/Defense Aerospace/Defense Airlines Airlines Airlines Airlines Airlines Airlines Airlines Airlines Airlines Air Transportation Passenger Rail & Bus Transportation Passenger Rail & Bus Transportation Transport Intestructure/Services OEM Automotive Components Def Automotive Components Defen Automotive Components Defen Automotive Components Desines Supplies & Services Support-Services Business Supplies & Services Commercial Printing Commercial Printing Commercial Printing Printing & Publishing Comsulting & Research Diversified Support Services Employment & HR Services Support-Services Equipment Rental Support-Services Equipment Rental Support-Services Equipment Rental Support-Services Support-Services Support-Services Facilities Services Facilities Services Support-Services Upport-Services			Health Facilities
Diversified Defense Contractors  Diversified Defense Contractors  Aerospace/Defense  Shipbuilding  Shipbuilding  Shipbuilding  Shipbuilding  Shipbuilding  Shipbuilding  Space & Satellite Equipment  Aerospace/Defense  Weapons Systems  Weapons Systems  Aerospace/Defense  Air Transportation  Passenger Rail & Bus Transportation  Transport Infrastructure/Services  OEM Automotive Components  OEM Automotive Components  Question Supplies & Services  Commercial Printing  Commercial Printing  Consulting & Research  Diversified Support Services  Commercial Printing  Consulting & Research  Diversified Support Services  Employment & HR Services  Employment Rental  Equipment	Aerospace Engineering & Components		Aerospace/Defense
Shipbuilding Space & Satellite Equipment Aerospace/Defense Space & Satellite Equipment Aerospace/Defense Meapons & Weapons Systems Weapons Systems Aerospace/Defense Air Iransportation Passenger Rail & Bus Transportation Transport Infrastructure/Services OEM Automotive Components OEM Automotive Components OEM Automotive Components OEM Automotive Components Auto Parts & Equipment Business Supplies & Services Support-Services Support-Services Commercial Printing Commercial Printing Print	Aircraft Manufacturing		Aerospace/Defense
Space & Satellite Equipment Weapons & Weapons Systems Weapons & Weapons Systems Aerospace/Defense Weapons Afrilanes Airlines Automotive Components Auto Parts & Equipment Automotive Components Automotive Components Automotive Components Airlines Automotive Automotive Airlines Automotive Automotive Airlines Automotive Airlines Automotive Airlines Automotive Airlines Airl	Diversified Defense Contractors	Diversified Defense Contractors	
Weapons & Weapons Systems Airlines Auto Parts & Equipment Business Supplies & Services Support-Services Support-Services Commercial Printing Commercial Printine Commercial Printine Commercial Printine Commercial Printine Commercial Print	Shipbuilding		Aerospace/Defense
Airlines Airlines Airlines Airlines Airlines Airlines Air Transportation Passenger Rail & Bus Transportation Passenger Rail & Bus Transportation Transport Infrastructure/Services OEM Automotive Components OEM Automotive Components Auto Para & Equipment Business Supplies & Services Business Supplies & Services Commercial Printing Commercial Printing Printing & Publishing Consulting & Research Diversified Support Services Employment & HR Services Exployer-Services Exployer-Services Exployer-Services Exployer-Services Exployer-Services  Support-Services  Support-Services  Support-Services  Support-Services  Support-Services  Support-Services  Construction Exployer-Services Exployer-Services Exployer-Services Exployer-Services Exployer-Services Exployer-Services Exployer-Services  Construction Supplies Electrical Components & Power Equipment Industrial Conglomerates Electrical Components & Power Equipment Electrical Components & Power Equipment Electrical Components & Power Equipment Electrical Components & Building & Construction Exployer Expl		Space & Satellite Equipment	·
Passenger Rail & Bus Transportation  Passenger Rail & Bus Transport Infrastructure/Services  OEM Automotive Components  OEM Automotive Components  Business Supplies & Services  Support-Services  Commercial Printing  Commercial Printing  Consulting & Research  Consulting & Research  Consulting & Research  Consulting & Research  Diversified Support Services  Employment & HR Services  Equipment Rental  Equipment Rental  Equipment Rental  Equipment Rental  Equipment Rental  Equipment Rental  Facilities Services  Legal & Advisory  Legal & Advisory  Unifice Products & Furniture  Office Products & Furniture  Office Products & Furniture  Office Products & Furniture  Support-Services  Security & Guard Services  Security & Guard Services  Construction  Construction  Construction  Construction  Construction  Construction  Construction  Support-Services  Electrical Components & Power Equipment  Industrial Conglomerates  Industrial Conglomerates  Industrial Conglomerates  Onsite Homebuilders  Onstruction Equipment & Machinery  Construction Equipment & Machinery  Transportation Equipment  Transportation Equipment  Transportation Equipment  Machinery  Transportation Equipment  Machinery  Machinery  Transportation Equipment  Machinery  Machinery  Transportation Equipment  Machinery  Machinery  Machinery  Transportation Equipment  Machinery  M	Weapons & Weapons Systems	Weapons & Weapons Systems	Aerospace/Defense
OEM Automotive Components         OEM Automotive Components         Auto Parts & Equipment           Business Supplies & Services         Support-Services           Commercial Printing         Commercial Printing         Printing & Publishing           Consulting & Research         Support-Services           Diversified Support Services         Support-Services           Employment & HR Services         Employment & HR Services           Equipment Rental         Equipment Rental           Facilities Services         Support-Services           Legal & Advisory         Legal & Advisory           Office Products & Furniture         Office Products & Furniture           Vendors & Distributors         Support-Services           Security & Guard Services         Support-Services           Security & Guard Servic	Airlines		Air Transportation
Business Supplies & Services Commercial Printing Commercial Printing Commercial Printing Consulting & Research Diversified Support Services Diversified Support Services Diversified Support Services Diversified Support Services Employment & HR Services Equipment Rental Support-Services Eracilities Services Legal & Advisory Legal & Advisory Support-Services  Legal & Advisory Undors & Distributors Support-Services Support-Services Security & Guard Services Support-Services Construction Construction Supplies Construction Supplies Construction Supplies Construction Supplies Electrical Components & Power Equipment Electrical Components & Power Equipment Electrical Components & Power Equipment Industrial Conglomerates Industrial Conglomerates Diversified Capital Goods Industrial Conglomerates Industrial Conglomerates Diversified Capital Goods Industrial Conglomerates Diversified Capital Goods Specialized Manufacturing Specialized Manufacturing Diversified Capital Goods Modular Homebuilders Suliding & Construction Onsite Homebuilders Juicing & Construction Onsite Homebuilders Suliding & Construction Onsite Homebuilders Suliding & Construction Onsite Homebuilders Suliding & Construction Onsite Homebuilders Goods Modular Homebuilders Suliding & Construction Onsite Homebuil		Passenger Rail & Bus Transportation	
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Diversified Support Services Employment & HR Services Equipment Rental Equipment Rental Equipment Rental Equipment Rental Support-Services Facilities Services Legal & Advisory Legal & Advisory Legal & Advisory Support-Services Undros & Distributors Vendors & Distributors Support-Services Support-Services Vendors & Distributors Support-Services Support-Services Construction Construction Construction Construction Construction Supplies Construction Construction Supplies Electrical Components & Power Equipment Industrial Conglomerates Industrial Conglomerates Industrial Conglomerates Modular Homebuilders Modular Homebuilders Modular Homebuilders Modular Homebuilders Modular Homebuilders Onsite Homebuilders Onsite Homebuilders Onsite Homebuilders Agricultural Equipment & Machinery Construction Engineering & Services Construction Equipment & Machinery Transportation Equipment & Machinery Construction Equipment & Machinery Construction Equipment & Machinery Transportation Equipment Machinery	Commercial Printing	Commercial Printing	Printing & Publishing
Employment & HR Services Equipment Rental Equipment Rental Equipment Rental Equipment Rental Equipment Rental Support-Services Facilities Services Legal & Advisory Legal & Advisory Support-Services Support-Services Support-Services Support-Services Support-Services Office Products & Furniture Office Products & Furniture Support-Services Vendors & Distributors Vendors & Distributors Support-Services Security & Guard Services Security & Guard Services Security & Guard Services Support-Services Su	Consulting & Research		Support-Services
Equipment Rental Equipment Rental Support-Services Facilities Services Facilities Services Support-Services Legal & Advisory Legal & Advisory Support-Services Coffice Products & Furniture Office Products & Furniture Support-Services Vendors & Distributors Vendors & Distributors Support-Services Security & Guard Services Security & Guard Services Support-Services Security & Guard Services Security & Guard Services Support-Services Construction Construction Building & Construction Construction Supplies Electrical Components & Power Equipment Diversified Capital Goods Industrial Conglomerates Industrial Conglomerates Diversified Capital Goods Industrial Conglomerates Industrial Conglomerates Diversified Capital Goods Specialized Manufacturing Specialized Manufacturing Diversified Capital Goods Modular Homebuilders Building & Construction Onsite Homebuilders Building & Construction Onsite Homebuilders Building & Construction Onsite Homebuilders Building & Construction Onstruction Engineering & Services Construction Engineering & Services Support-Services Construction Equipment & Machinery Construction Equipment & Machinery Machinery Transportation Equipment Transportation Equipment Machinery			
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Legal & Advisory  Cifice Products & Furniture  Office Products & Furniture  Office Products & Furniture  Office Products & Furniture  Support-Services  Vendors & Distributors  Support-Services  Security & Guard Services  Security & Guard Services  Construction  Construction  Construction Supplies  Electrical Components & Power Equipment  Electrical Components & Diversified Capital Goods  Industrial Conglomerates  Industrial Conglomerates  Diversified Capital Goods  Specialized Manufacturing  Specialized Manufacturing  Diversified Capital Goods  Modular Homebuilders  Onsite Homebuilders  Onsite Homebuilders  Onsite Homebuilders  Building & Construction  Onsite Homebuilders  Building & Construction  Machinery  Construction Engineering & Services  Construction Engineering & Services  Construction Engineering & Services  Construction Equipment & Machinery  Construction Equipment & Machinery  Transportation Equipment & Machinery  General Equipment & Machinery  Machine	Equipment Rental	· ' '	
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Vendors & Distributors  Security & Guard Services  Support-Services  Building & Construction  Diversified Capital Goods  Industrial Conglomerates  Industrial Conglomerates  Industrial Conglomerates  Industrial Conglomerates  Diversified Capital Goods  Specialized Manufacturing  Diversified Capital Goods  Modular Homebuilders  Modular Homebuilders  Modular Homebuilders  Suilding & Construction  Onsite Homebuilders  Suilding & Construction  Agricultural Equipment & Machinery  Machinery  Construction Engineering & Services  Construction Engineering & Services  Construction Engineering & Services  Construction Equipment & Machinery  Transportation Equipment & Machinery  Transportation Equipment & Machinery  Machiner	· ·	,	Support-Services
Security & Guard Services  Construction  Construction  Construction Supplies  Electrical Components & Power Equipment  Electrical Components & Power Equipment  Electrical Conglomerates  Industrial Conglomerates  Industrial Conglomerates  Electrical Manufacturing  Specialized Manufacturing  Specialized Manufacturing  Modular Homebuilders  Onsite Homebuilders  Onsite Homebuilders  Onsite Homebuilders  Building & Construction  Diversified Capital Goods  Building & Construction  Diversified Capital Goods  Building & Construction  Modular Homebuilders  Building & Construction  Modular Homebuilders  Building & Construction  Machinery  Construction Engineering & Services  Construction Engineering & Services  Construction Engineering & Services  Construction Engineering & Services  Construction Equipment & Machinery  Transportation Equipment & Machinery  General Equipment & Equipment & Machinery  Manufacturing Systems & Components  Manufacturing Systems & Components  Manufacturing Systems & Components  Manufacturing Systems & Components  Environmental Services  Other Environmental Services  Environmental  Waste Services  Waste Services  Environmental  Air Freight  Air Freight  Air Freight  Air Freight Logistics  Transport Infrastructure/Services			Support-Services
Construction Construction Building & Construction  Construction Supplies Construction Supplies Building Materials  Electrical Components & Power Equipment Electrical Components & Power Equipment Diversified Capital Goods  Industrial Conglomerates Diversified Capital Goods  Specialized Manufacturing Specialized Manufacturing Diversified Capital Goods  Specialized Manufacturing Diversified Capital Goods  Specialized Manufacturing Diversified Capital Goods  Modular Homebuilders Building & Construction  Onsite Homebuilders Building & Construction  Onsite Homebuilders Building & Construction  Agricultural Equipment & Machinery Machinery  Construction Engineering & Services Construction Engineering & Services Support-Services  Construction Equipment & Machinery Construction Equipment & Machinery Machinery  Transportation Equipment Transportation Equipment Machinery Machinery  General Equipment & Machinery General Equipment & Machinery Machinery  Manufacturing Systems & Components Manufacturing Systems & Components Machinery  Environmental Services Other Environmental Services Environmental  Waste Services Waste Services Environmental  Waste Services Environmental  Air Freight Air Transportation  Airport & Terminal Services Transport Infrastructure/Services  Freight Logistics Transport Infrastructure/Services			
Construction Supplies Electrical Components & Power Equipment Electrical Components & Power Equipment Diversified Capital Goods Industrial Conglomerates Industrial Conglomerates Industrial Conglomerates Diversified Capital Goods Diversified Capital Goods Specialized Manufacturing Specialized Manufacturing Diversified Capital Goods Specialized Manufacturing Modular Homebuilders Modular Homebuilders Diversified Capital Goods Building & Construction Supplies Building & Construction Diversified Capital Goods Diversifie	Security & Guard Services		Support-Services
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Industrial Conglomerates         Industrial Conglomerates         Diversified Capital Goods           Specialized Manufacturing         Specialized Manufacturing         Diversified Capital Goods           Modular Homebuilders         Modular Homebuilders         Building & Construction           Onsite Homebuilders         Building & Construction           Agricultural Equipment & Machinery         Machinery           Construction Engineering & Services         Construction Engineering & Services           Construction Equipment & Machinery         Construction Equipment & Machinery           Transportation Equipment         Transportation Equipment           General Equipment & Machinery         Machinery           Machinery         Machinery           Manufacturing Systems & Components         Machinery           Manufacturing Systems & Components         Machinery           Environmental Services         Cher Environmental Services         Environmental           Recycling Services         Recycling Services         Environmental           Waste Services         Waste Services         Environmental           Air Freight         Air Transportation           Airport & Terminal Services         Transport Infrastructure/Services           Freight Logistics         Transport Infrastructure/Services			*
Specialized ManufacturingSpecialized ManufacturingDiversified Capital GoodsModular HomebuildersModular HomebuildersBuilding & ConstructionOnsite HomebuildersDiversified Capital GoodsAgricultural Equipment & MachineryBuilding & ConstructionAgricultural Equipment & MachineryMachineryConstruction Engineering & ServicesConstruction Engineering & ServicesConstruction Equipment & MachineryConstruction Equipment & MachineryTransportation EquipmentTransportation EquipmentMachineryGeneral Equipment & MachineryMachineryMachineryManufacturing Systems & ComponentsMachineryMachineryEnvironmental ServicesOther Environmental ServicesEnvironmentalRecycling ServicesEnvironmentalWaste ServicesEnvironmentalAir FreightAir TransportationAir Freight LogisticsTransport Infrastructure/ServicesTransport Infrastructure/Services			
Modular Homebuilders       Modular Homebuilders       Building & Construction         Onsite Homebuilders       Onsite Homebuilders       Building & Construction         Agricultural Equipment & Machinery       Agricultural Equipment & Machinery       Machinery         Construction Engineering & Services       Support-Services         Construction Equipment & Machinery       Construction Equipment & Machinery       Machinery         Transportation Equipment & Machinery       Machinery       Machinery         General Equipment & Machinery       Machinery       Machinery         Manufacturing Systems & Components       Manufacturing Systems & Components       Machinery         Environmental Services       Other Environmental Services       Environmental         Recycling Services       Recycling Services       Environmental         Waste Services       Environmental         Air Freight       Air Transportation         Airport & Terminal Services       Transport Infrastructure/Services         Freight Logistics       Transport Infrastructure/Services	<u> </u>	•	<u> </u>
Onsite Homebuilders Agricultural Equipment & Machinery Agricultural Equipment & Machinery Construction Engineering & Services Construction Engineering & Services Construction Equipment & Machinery Construction Equipment & Machinery Construction Equipment & Machinery Construction Equipment & Machinery Transportation Equipment Transportation Equipment Machinery General Equipment & Machinery Manufacturing Systems & Components Manufacturing Systems & Components Manufacturing Systems & Components Machinery  Machi			
Agricultural Equipment & Machinery Construction Engineering & Services Construction Engineering & Services Construction Equipment & Machinery Transportation Equipment Transportation Equipment Machinery Machinery General Equipment & Machinery Machinery Machinery Manufacturing Systems & Components Manufacturing Systems & Components Machinery Mach			
Construction Engineering & Services  Construction Equipment & Machinery  Construction Equipment & Machinery  Transportation Equipment  General Equipment & Machinery  Environmental Services  Environmental  Recycling Services  Recycling Services  Maste Services  Maste Services  Environmental  Air Freight  Air Freight  Air Transportation  Airport & Terminal Services  Freight Logistics  Transport Infrastructure/Services  Transport Infrastructure/Services			<u> </u>
Construction Equipment & Machinery  Transportation Equipment  General Equipment & Machinery  General Equipment & Machinery  Manufacturing Systems & Components  Environmental Services  Recycling Services  Waste Services  Waste Services  Air Freight  Air Freight Logistics  Construction Equipment & Machinery			
Transportation Equipment  General Equipment & Machinery  General Equipment & Machinery  Manufacturing Systems & Components  Environmental Services  Other Environmental Services  Environmental  Recycling Services  Recycling Services  Waste Services  Waste Services  Air Freight  Air Freight  Air Transportation  Airport & Terminal Services  Freight Logistics  Transport Infrastructure/Services  Transport Infrastructure/Services	, ,		
General Equipment & Machinery  Manufacturing Systems & Components  Manufacturing Systems & Components  Environmental Services  Other Environmental Services  Environmental  Recycling Services  Recycling Services  Waste Services  Waste Services  Air Freight  Air Freight  Air Freight  Air Freminal Services  Freight Logistics  Air Services  Freight Logistics  Machinery  Environmental			
Manufacturing Systems & Components       Manufacturing Systems & Components       Machinery         Environmental Services       Environmental         Recycling Services       Environmental         Waste Services       Environmental         Air Freight       Air Transportation         Airport & Terminal Services       Transport Infrastructure/Services         Freight Logistics       Transport Infrastructure/Services			
Environmental Services       Other Environmental Services       Environmental         Recycling Services       Recycling Services       Environmental         Waste Services       Environmental         Air Freight       Air Transportation         Airport & Terminal Services       Transport Infrastructure/Services         Freight Logistics       Freight Logistics       Transport Infrastructure/Services			
Recycling Services       Environmental         Waste Services       Environmental         Air Freight       Air Transportation         Airport & Terminal Services       Airport & Terminal Services         Freight Logistics       Freight Logistics            Environmental         Air Transportation         Transport Infrastructure/Services         Transport Infrastructure/Services	Manufacturing Systems & Components		
Waste Services       Environmental         Air Freight       Air Freight       Air Transportation         Airport & Terminal Services       Airport & Terminal Services       Transport Infrastructure/Services         Freight Logistics       Freight Logistics       Transport Infrastructure/Services	Environmental Services		
Air Freight       Air Freight       Air Transportation         Airport & Terminal Services       Airport & Terminal Services       Transport Infrastructure/Services         Freight Logistics       Freight Logistics       Transport Infrastructure/Services		, ,	
Airport & Terminal Services Airport & Terminal Services Transport Infrastructure/Services Freight Logistics Transport Infrastructure/Services	Waste Services		
Freight Logistics Freight Logistics Transport Infrastructure/Services	Air Freight		
	Airport & Terminal Services		
Maritime Freight Transport Infrastructure/Services	Freight Logistics		'
	Maritime Freight	Maritime Freight	Transport Infrastructure/Services

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Exhibit D: Detail Business Classification map to USC Level 6 and traditional fixed income Level 4 Corporate classifications

Exhibit D. Detail Business Classification ma	p to USC Level 6 and traditional fixed income	
Detail Business Classification	USC Level 6 classification	Traditional Fixed income Level 4 classification
Oil & Gas Freight	Oil & Gas Freight	Transport Infrastructure/Services
Rail Freight	Rail Freight	Rail
Road & Railway Construction & Operation	Road & Railway Construction & Operation	Transport Infrastructure/Services
Truck Freight	Truck Freight	Trucking & Delivery
Coatings	Coatings	Chemicals
Commodity Chemicals	Commodity Chemicals	Chemicals
Diversified Chemicals	Diversified Chemicals	Chemicals
Flavor & Fragrance	Flavor & Fragrance	Chemicals
Industrial Gases	Industrial Gases	Chemicals
Nitrogen & Fertilizer	Nitrogen & Fertilizer	Chemicals
Specialty Chemicals	Specialty Chemicals	Chemicals
Synthetic Oil & Fuel	Synthetic Oil & Fuel	Chemicals
Cement & Aggregates	Cement & Aggregates	Building Materials
Other Construction Materials	Other Construction Materials	Building Materials
Pulp & Paper	Pulp & Paper	Forestry/Paper
Timber & Lumber	Timber & Lumber	Forestry/Paper
Aluminum	Aluminum	Metals/Mining Excluding Steel
Industrial Metal Products	Industrial Metal Products	Metals/Mining Excluding Steel
Steel	Steel	Steel Producers/Products
Titanium	Titanium	Metals/Mining Excluding Steel
Copper	Copper	Metals/Mining Excluding Steel
Metallurgical Coal	Metallurgical Coal	Metals/Mining Excluding Steel
Diversified Base Metals	Diversified Base Metals	Metals/Mining Excluding Steel
Gold	Gold	Metals/Mining Excluding Steel  Metals/Mining Excluding Steel
		ů
Platinum Group Metals & Gemstones Mining	Platinum Group Metals & Gemstones Mining	Metals/Mining Excluding Steel
Silver	Silver	Metals/Mining Excluding Steel
Diversified Packaging	Diversified Packaging	Packaging
Glass Containers	Glass Containers	Packaging
Metal Containers	Metal Containers	Packaging
Paperboard Packaging	Paperboard Packaging	Packaging
Plastic Packaging	Plastic Packaging	Packaging
Wireline Services	Wireline Services	Telecom - Wireline Integrated & Services
Cable & Satellite TV	Cable & Satellite TV	Cable & Satellite TV
Integrated Telecommunications Services	Integrated Telecommunications Services	Telecom - Wireline Integrated & Services
Broadband & Internet Backbone	Broadband & Internet Backbone	Telecom - Wireline Integrated & Services
Satellite Telecommunications	Satellite Telecommunications	Telecom - Satellite
Wireless	Wireless	Telecom - Wireless
Advertising & Marketing Services	Advertising & Marketing Services	Advertising
Diversified Media	Diversified Media	Media - Diversified
Entertainment Production & Services	Entertainment Production & Services	Theaters & Entertainment
Filmed Entertainment	Filmed Entertainment	Media Content
Publishing	Publishing	Printing & Publishing
Audio Content	Audio Content	Media Content
Social Media, Search & Online Marketing	Social Media, Search & Online Marketing	Advertising
Video Content	Video Content	Media Content
Video Games	Video Games	Media Content
Housing Association	Housing Association	Housing Association
Real Estate Development	Real Estate Development	RealEstate Dev & Mgt
Real Estate Development & Management	Real Estate Development & Management	RealEstate Dev & Mgt
Real Estate Operating Companies	Real Estate Operating Companies	RealEstate Dev & Mgt
Real Estate Services	Real Estate Services	RealEstate Dev & Mgt
Retail REITs	Retail REITs	REITs
Communication REITs	Communication REITs	Telecom - Wireless
Diversified REITs	Diversified REITs	REITs
Energy REITs	Energy REITs	REITS
	Energy Merro	
	Gaming REITs	(Jaming
Gaming REITs	Gaming REITs	Gaming REITs
Gaming REITs Healthcare REITs	Healthcare REITs	REITs
Gaming REITs		

ICE Data Indices, LLC

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Exhibit D: Detail Business Classification map to USC Level 6 and traditional fixed income Level 4 Corporate classifications

Detail Business Classification	USC Level 6 classification	Traditional Fixed income Level 4 classification
Mortgage REIT	Mortgage REIT	REITs
Office REITs	Office REITs	REITs
Other Specialized REITs	Other Specialized REITs	REITs
Residential REITs	Residential REITs	REITs
Storage REITs	Storage REITs	REITs
Timberland REITs	Timberland REITs	REITs
Platform as a Service	Platform As A Service	Software/Services
Software as a Service	Software As A Service	Software/Services
Identity & Authentication	Identity & Authentication	Software/Services
Network Security	Network Security	Software/Services
Battery Technology	Battery Technology	Electronics
Electronic Equipment & Instruments	Electronic Equipment & Instruments	Electronics
Solar Cells	Solar Cells	Electronics
Electronic Components	Electronic Components	Electronics
Semiconductor Equipment	Semiconductor Equipment	Electronics
Semiconductors	Semiconductors	Electronics
Communications Technology	Communications Technology	Tech Hardware & Equipment
Components & Peripherals	Components & Peripherals	Tech Hardware & Equipment
Computers & Computing Devices	Computers & Computing Devices	Tech Hardware & Equipment
Storage Devices	Storage Devices	Tech Hardware & Equipment
Communications Equipment	Communications Equipment	Tech Hardware & Equipment
Internet Services & Infrastructure	Internet Services & Infrastructure	Software/Services
Network Infrastructure	Network Infrastructure	Tech Hardware & Equipment
Blockchain Applications	Blockchain Applications	Software/Services
Technology Consulting	Technology Consulting	Software/Services
Technology IP Holders	Technology IP Holders	Software/Services
Application Software	Application Software	Software/Services
Data Processing & Outsourced Services	Data Processing & Outsourced Services	Support-Services
Electronic Manufacturing Services	Electronic Manufacturing Services	Electronics
Enterprise Software	Enterprise Software	Software/Services
Electricity Generation - Non-Renewable	Electricity Generation - Non-Renewable	Electric-Generation
Electricity Distribution & Transmission	Electricity Distribution & Transmission	Electric-Distr/Trans
Integrated Electricity	Integrated Electricity	Electric-Integrated
Natural Gas	Natural Gas	Non-Electric Utilities
Propane	Propane	Non-Electric Utilities
Multi-Utilities	Multi-Utilities	Electric-Integrated
Geothermal Power	Electricity Generation - Renewable	Electric-Generation
Biomass Power	Electricity Generation - Renewable	Electric-Generation
Solar Power	Electricity Generation - Renewable	Electric-Generation
Wave Power	Electricity Generation - Renewable	Electric-Generation
Wind Power	Electricity Generation - Renewable	Electric-Generation
Potable Water	Potable Water	Non-Electric Utilities
Wastewater & Desalination	Wastewater & Desalination	Non-Electric Utilities

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