



WHARTON  
GLOBAL HIGH SCHOOL  
INVESTMENT COMPETITION

2020-2021 WHARTON GLOBAL HIGH SCHOOL INVESTMENT COMPETITION

# Approved Stock List

- To ensure portfolio diversity, your team must invest in at least as many business sectors as you have team members.
- Trading outside this list is not allowed and will result in team disqualification.
- The WInS simulation for the Wharton Global High School Investment Competition gives you direct access to this Approved Stock List when placing trades.
- This data is based on the Russell Global Sectors (RGS) classification system, which provides a consistent global view by industry.

## CONSUMER DISCRETIONARY

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Abercrombie & Fitch Co	ANF	New York Stock Exchange, Inc.	Small Value	Retail	Specialty retail
Acorn International Inc	ATV	New York Stock Exchange, Inc.	Not Available	Media	Advertising agencies
Amazon.com Inc	AMZN	Nasdaq	Large Growth	Retail	Diversified retail
American Eagle Outfitters Inc	AEO	New York Stock Exchange, Inc.	Small Value	Retail	Specialty retail
Aptiv PLC	APTIV	New York Stock Exchange, Inc.	Mid Growth	Auto & Auto Parts	Auto parts
Avon Products Inc	AVP	New York Stock Exchange, Inc.	Small Growth	Consumer Products	Cosmetics
B2W - Companhia Digital	BTOW3	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Retail	Diversified retail
Bajaj Auto Ltd	532977	BSE LTD	Large Blend	Leisure	Recreational vehicles and boats
Barnes & Noble Education Inc	BNED	New York Stock Exchange, Inc.	Small Blend	Retail	Specialty retail
Bata India Ltd	500043	BSE LTD	Mid Growth	Consumer Products	Textiles apparel and shoes
Bed Bath & Beyond Inc	BBBY	Nasdaq	Small Value	Retail	Specialty retail
Best Buy Co Inc	BBY	New York Stock Exchange, Inc.	Mid Value	Retail	Specialty retail
BorgWarner Inc	BWA	New York Stock Exchange, Inc.	Mid Value	Auto & Auto Parts	Auto parts
Bosch Ltd	500530	BSE LTD	Large Value	Auto & Auto Parts	Auto parts
Boyd Group Services Inc	BYD	Toronto Stock Exchange	Mid Growth	Auto & Auto Parts	Auto services
Build-A-Bear Workshop Inc	BBW	New York Stock Exchange, Inc.	Small Value	Retail	Specialty retail
Burlington Stores Inc	BURL	New York Stock Exchange, Inc.	Mid Growth	Retail	Specialty retail
Canada Goose Holdings Inc	GOOS	Toronto Stock Exchange	Mid Growth	Consumer Products	Textiles apparel and shoes
CarMax Inc	KMX	New York Stock Exchange, Inc.	Mid Growth	Retail	Specialty retail
Carnival PLC	CCL	London Stock Exchange	Small Value	Leisure	Leisure time
Cheesecake Factory Inc	CAKE	Nasdaq	Small Value	Leisure	Restaurants
China Automotive Systems Inc	CAAS	Nasdaq	Small Value	Auto & Auto Parts	Auto parts

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
China Tourism Group Duty Free Corp Ltd	601888	Shanghai Stock Exchange	Large Growth	Leisure	Hotel/motel
Chipotle Mexican Grill Inc	CMG	New York Stock Exchange, Inc.	Large Growth	Leisure	Restaurants
CognaEducacao SA	COGN3	B3 S.A. - Brasil, Bolsa, Balcão	Mid Growth	Consumer Services	Education services
Comcast Corp	CMCSA	Nasdaq	Large Value	Media	Cable television services
Compass Group PLC	CPG	London Stock Exchange	Large Blend	Consumer Services	Vending and catering services
Core-Mark Holding Co Inc	CORE	Nasdaq	Small Blend	Retail	Diversified retail
Costco Wholesale Corp	COST	Nasdaq	Large Blend	Retail	Diversified retail
Daily Journal Corp	DJCO	Nasdaq	Small Growth	Media	Publishing
Del Frisco's Restaurant Group Inc	DFRG	Nasdaq	Small Value	Leisure	Restaurants
Dollar General Corp	DG	New York Stock Exchange, Inc.	Large Blend	Retail	Diversified retail
Dollar Tree Inc	DLTR	Nasdaq	Mid Blend	Retail	Diversified retail
Dollarama Inc	DOL	Toronto Stock Exchange	Mid Growth	Retail	Diversified retail
Domino's Pizza Inc	DPZ	New York Stock Exchange, Inc.	Mid Growth	Leisure	Restaurants
Foot Locker Inc	FL	New York Stock Exchange, Inc.	Small Blend	Retail	Specialty retail
Ford Motor Co	F	New York Stock Exchange, Inc.	Large Value	Auto & Auto Parts	Automobiles
Gap Inc	GPS	New York Stock Exchange, Inc.	Mid Value	Retail	Specialty retail
General Motors Co	GM	New York Stock Exchange, Inc.	Large Blend	Auto & Auto Parts	Automobiles
H&R Block Inc	HRB	New York Stock Exchange, Inc.	Small Value	Consumer Services	Consumer services: Miscellaneous
Harley-Davidson Inc	HOG	New York Stock Exchange, Inc.	Small Value	Leisure	Recreational vehicles and boats
Hasbro Inc	HAS	Nasdaq	Mid Blend	Consumer Products	Toys
Hero MotoCorp Ltd	500182	BSE LTD	Large Value	Leisure	Recreational vehicles and boats
Hibbett Sports Inc	HIBB	Nasdaq	Small Blend	Retail	Specialty retail
Honda Motor Co Ltd	HMC	New York Stock Exchange, Inc.	Large Value	Auto & Auto Parts	Automobiles

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Hostelworld Group PLC	HSW	London Stock Exchange	Small Value	Leisure	Leisure time
Hyatt Hotels Corp	H	New York Stock Exchange, Inc.	Mid Blend	Leisure	Hotel/motel
Imax Corp	IMAX	New York Stock Exchange, Inc.	Small Growth	Media	Entertainment
InterContinental Hotels Group PLC	IHG	London Stock Exchange	Mid Blend	Leisure	Hotel/motel
Jubilant Foodworks Ltd	533155	BSE LTD	Mid Growth	Leisure	Restaurants
Lands' End Inc	LE	Nasdaq	Small Blend	Retail	Diversified retail
Las Vegas Sands Corp	LVS	New York Stock Exchange, Inc.	Large Value	Leisure	Casinos and gambling
LCI Industries Inc	LCII	New York Stock Exchange, Inc.	Small Growth	Leisure	Recreational vehicles and boats
Localiza Rent A Car SA	RENT3	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Consumer Services	Rental and leasing services: Consumer
Lojas Americanas SA	LAME4	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Retail	Diversified retail
Lojas Renner SA	LREN3	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Retail	Diversified retail
Lookers PLC	LOOK	London Stock Exchange	Small Value	Retail	Specialty retail
Lululemon Athletica Inc	LULU	Nasdaq	Large Growth	Consumer Products	Textiles apparel and shoes
Lyft Inc	LYFT	Nasdaq	Not Available	Consumer Services	Consumer services: Miscellaneous
Macy's Inc	M	New York Stock Exchange, Inc.	Small Value	Retail	Diversified retail
Magazine Luiza SA	MGLU3	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Retail	Diversified retail
Mahindra & Mahindra Ltd	500520	BSE LTD	Large Blend	Auto & Auto Parts	Automobiles
Marriott International Inc	MAR	Nasdaq	Large Value	Leisure	Hotel/motel
Maruti Suzuki India Ltd	532500	BSE LTD	Large Blend	Auto & Auto Parts	Automobiles
Mattel Inc	MAT	Nasdaq	Small Blend	Consumer Products	Toys
McDonald's Corp	MCD	New York Stock Exchange, Inc.	Large Blend	Leisure	Restaurants
Midea Group Co Ltd	000333	Shenzhen Stock Exchange	Large Blend	Consumer Products	Household appliances
Movado Group Inc	MOV	New York Stock Exchange, Inc.	Small Value	Consumer Products	Luxury items

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
New Oriental Education & Technology Group Inc	EDU	New York Stock Exchange, Inc.	Not Available	Consumer Services	Education services
Next PLC	NXT	London Stock Exchange	Mid Blend	Retail	Diversified retail
Nike Inc	NKE	New York Stock Exchange, Inc.	Large Growth	Consumer Products	Textiles apparel and shoes
Norwegian Cruise Line Holdings Ltd	NCLH	New York Stock Exchange, Inc.	Mid Blend	Leisure	Leisure time
On The Beach Group PLC	OTB	London Stock Exchange	Small Growth	Leisure	Leisure time
Papa John's International Inc	PZZA	Nasdaq	Small Growth	Leisure	Restaurants
Pearson PLC	PSON	London Stock Exchange	Mid Value	Consumer Services	Education services
Planet Fitness Inc	PLNT	New York Stock Exchange, Inc.	Mid Growth	Leisure	Leisure time
Red Lion Hotels Corp	RLH	New York Stock Exchange, Inc.	Small Blend	Leisure	Hotel/motel
Restaurant Brands International Inc	QSR	Toronto Stock Exchange	Large Blend	Leisure	Restaurants
Revlon Inc	REV	New York Stock Exchange, Inc.	Small Value	Consumer Products	Cosmetics
Ritchie Bros Auctioneers Inc	RBA	New York Stock Exchange, Inc.	Mid Growth	Consumer Services	Consumer services: Miscellaneous
Sirius XM Holdings Inc	SIRI	Nasdaq	Large Blend	Media	Radio and TV broadcasters
Smith & Wesson Brands Inc	SWBI	Nasdaq	Small Blend	Leisure	Leisure time
Starbucks Corp	SBUX	Nasdaq	Large Blend	Leisure	Restaurants
Stitch Fix Inc	SFIX	Nasdaq	Small Growth	Retail	Diversified retail
Tailored Brands Inc	TLRD	New York Stock Exchange, Inc.	Small Value	Retail	Specialty retail
TAL Education Group	TAL	New York Stock Exchange, Inc.	Not Available	Consumer Services	Education services
Target Corp	TGT	New York Stock Exchange, Inc.	Large Blend	Retail	Diversified retail
Tata Motors Ltd	500570	BSE LTD	Large Value	Auto & Auto Parts	Automobiles
Tesla Inc	TSLA	Nasdaq	Large Growth	Auto & Auto Parts	Automobiles
Texas Roadhouse Inc	TXRH	Nasdaq	Small Growth	Leisure	Restaurants
The Container Store Group Inc	TCS	New York Stock Exchange, Inc.	Small Value	Retail	Specialty retail
The Estee Lauder Companies Inc	EL	New York Stock Exchange, Inc.	Large Blend	Consumer Products	Cosmetics

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
The Walt Disney Co	DIS	New York Stock Exchange, Inc.	Large Blend	Media	Entertainment
The Wendy's Co	WEN	Nasdaq	Mid Blend	Leisure	Restaurants
Tiffany & Co	TIF	New York Stock Exchange, Inc.	Mid Blend	Consumer Products	Luxury items
Titan Co Ltd	500114	BSE LTD	Large Growth	Consumer Products	Luxury items
TJX Companies Inc	TJX	New York Stock Exchange, Inc.	Large Blend	Retail	Specialty retail
Toyota Motor Corp	TM	New York Stock Exchange, Inc.	Large Value	Auto & Auto Parts	Automobiles
Uber Technologies Inc	UBER	New York Stock Exchange, Inc.	Not Available	Consumer Services	Consumer services: Miscellaneous
Ulta Beauty Inc	ULTA	Nasdaq	Mid Growth	Retail	Specialty retail
Under Armour Inc	UAA	New York Stock Exchange, Inc.	Mid Blend	Consumer Products	Textiles apparel and shoes
Urban Outfitters Inc	URBN	Nasdaq	Small Value	Retail	Specialty retail
Vera Bradley Inc	VRA	Nasdaq	Small Blend	Consumer Products	Textiles apparel and shoes
VF Corp	VFC	New York Stock Exchange, Inc.	Mid Blend	Consumer Products	Textiles apparel and shoes
Whitbread PLC	WTB	London Stock Exchange	Mid Blend	Leisure	Restaurants
Wyndham Destinations Inc	WYND	New York Stock Exchange, Inc.	Small Value	Leisure	Hotel/motel
Yum Brands Inc	YUM	New York Stock Exchange, Inc.	Large Blend	Leisure	Restaurants

# CONSUMER STAPLES

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUST RY
Alimentation Couche- Tard Inc	ATD.B	Toronto Stock Exchange	Large Growth	Personal Care, Drug & Grocery Stores	Drug and grocery store chains
Ambev SA	ABEV3	B3 S.A. - Brasil, Bolsa, Balcão	Large Blend	Food, Beverage & Tobacco	Beverage: Brewers and distillers
Atacadao SA	CRFB3	B3 S.A. - Brasil, Bolsa, Balcão	Large Blend	Personal Care, Drug & Grocery Stores	Drug and grocery store chains
BRF SA	BRFS3	B3 S.A. - Brasil, Bolsa, Balcão	Mid Blend	Food, Beverage & Tobacco	Foods



COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUST RY
Campbell Soup Co	CPB	New York Stock Exchange, Inc.	Mid Value	Food, Beverage & Tobacco	Foods
Casey's General Stores Inc	CASY	Nasdaq	Mid Growth	Personal Care, Drug & Grocery Stores	Drug and grocery store chains
Coca-Cola Co	KO	New York Stock Exchange, Inc.	Large Value	Food, Beverage & Tobacco	Beverage: Soft drinks
Colgate-Palmolive Co	CL	New York Stock Exchange, Inc.	Large Value	Personal Care, Drug & Grocery Stores	Personal care
Companhia Brasileira De Distribuicao	PCAR4	B3 S.A. - Brasil, Bolsa, Balcão	Mid Value	Personal Care, Drug & Grocery Stores	Drug and grocery store chains
Corteva Inc	CTVA	New York Stock Exchange, Inc.	Not Available	Food, Beverage & Tobacco	Foods
CVS Health Corp	CVS	New York Stock Exchange, Inc.	Large Value	Personal Care, Drug & Grocery Stores	Drug and grocery store chains
General Mills Inc	GIS	New York Stock Exchange, Inc.	Large Value	Food, Beverage & Tobacco	Foods
Godrej Agrovvet Ltd	540743	BSE LTD	Mid Blend	Food, Beverage & Tobacco	Agriculture fishing and ranching
Godrej Consumer Products Ltd	532424	BSE LTD	Large Blend	Personal Care, Drug & Grocery Stores	Personal care
Hindustan Unilever Ltd	500696	BSE LTD	Large Growth	Personal Care, Drug & Grocery Stores	Personal care
ITC Ltd	500875	BSE LTD	Large Blend	Food, Beverage & Tobacco	Tobacco
J&J Snack Foods Corp	JJSF	Nasdaq	Small Growth	Food, Beverage & Tobacco	Foods
JBS SA	JBSS3	B3 S.A. - Brasil, Bolsa, Balcão	Large Blend	Food, Beverage & Tobacco	Foods
Kellogg Co	K	New York Stock Exchange, Inc.	Mid Value	Food, Beverage & Tobacco	Foods
Keurig Dr Pepper Inc	KDP	New York Stock Exchange, Inc.	Large Blend	Food, Beverage & Tobacco	Beverage: Soft drinks
Kweichow Moutai Co Ltd	600519	Shanghai Stock Exchange	Large Growth	Food, Beverage & Tobacco	Beverage: Brewers and distillers
M Dias Branco SA Industria e Comercio de Alimentos	MDIA3	B3 S.A. - Brasil, Bolsa, Balcão	Mid Growth	Food, Beverage & Tobacco	Foods
McCormick & Co Inc	MKC	New York Stock Exchange, Inc.	Large Blend	Food, Beverage & Tobacco	Foods
McKesson Corp	MCK	New York Stock Exchange, Inc.	Large Value	Personal Care, Drug & Grocery Stores	Drug and grocery store chains
Molson Coors Beverage Co	TAP	New York Stock Exchange, Inc.	Mid Value	Food, Beverage & Tobacco	Beverage: Brewers and distillers



COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUST RY
Monster Beverage Corp	MNST	Nasdaq	Large Growth	Food, Beverage & Tobacco	Beverage: Soft drinks
National Beverage Corp	FIZZ	Nasdaq	Small Growth	Food, Beverage & Tobacco	Beverage: Soft drinks
Natura Cosmeticos SA	NATU3	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Personal Care, Drug & Grocery Stores	Personal care
Nestle India Ltd	500790	BSE LTD	Large Growth	Food, Beverage & Tobacco	Foods
PepsiCo Inc	PEP	Nasdaq	Large Value	Food, Beverage & Tobacco	Beverage: Soft drinks
Procter & Gamble Co	PG	New York Stock Exchange, Inc.	Large Value	Personal Care, Drug & Grocery Stores	Personal care
Raia Drogasil SA	RADL3	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Personal Care, Drug & Grocery Stores	Drug and grocery store chains
Reckitt Benckiser Group PLC	RB.	London Stock Exchange	Large Blend	Personal Care, Drug & Grocery Stores	Personal care
Rite Aid Corp	RAD	New York Stock Exchange, Inc.	Small Value	Personal Care, Drug & Grocery Stores	Drug and grocery store chains
Sainsbury (J) PLC	SBRY	London Stock Exchange	Mid Value	Personal Care, Drug & Grocery Stores	Drug and grocery store chains
Sprouts Farmers Market Inc	SFM	Nasdaq	Small Blend	Personal Care, Drug & Grocery Stores	Drug and grocery store chains
Sysco Corp	SYN	New York Stock Exchange, Inc.	Large Value	Food, Beverage & Tobacco	Foods
The Hershey Co	HSY	New York Stock Exchange, Inc.	Large Blend	Food, Beverage & Tobacco	Foods
Tootsie Roll Industries Inc	TR	New York Stock Exchange, Inc.	Small Blend	Food, Beverage & Tobacco	Foods
Treehouse Foods Inc	THS	New York Stock Exchange, Inc.	Small Value	Food, Beverage & Tobacco	Foods
Tyson Foods Inc	TSN	New York Stock Exchange, Inc.	Mid Value	Food, Beverage & Tobacco	Foods
Unilever PLC	ULVR	London Stock Exchange	Large Value	Personal Care, Drug & Grocery Stores	Personal care
Unilever PLC	UL	New York Stock Exchange, Inc.	Large Value	Personal Care, Drug & Grocery Stores	Personal care
United Natural Foods Inc	UNFI	New York Stock Exchange, Inc.	Small Value	Food, Beverage & Tobacco	Foods
WD-40 Co	WDFC	Nasdaq	Small Blend	Personal Care, Drug & Grocery Stores	Personal care
Wuliangye Yibin Co Ltd	000858	Shenzhen Stock Exchange	Large Growth	Food, Beverage & Tobacco	Beverage: Brewers and distillers
Wynnstay Group PLC	WYN	London Stock Exchange	Small Value	Food, Beverage & Tobacco	Foods

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COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUST RY
X5 Retail Group NV	FIVE	London Stock Exchange	Not Available	Personal Care, Drug & Grocery Stores	Drug and grocery store chains
Zenabis Global Inc	ZENA	Toronto Stock Exchange	Small Value	Food, Beverage & Tobacco	Agriculture fishing and ranching

## ENERGY

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Aemetis Inc	AMTX	Nasdaq	Small Blend	Alternative Energy	Alternative energy
BP PLC	BP	New York Stock Exchange, Inc.	Large Blend	Non-renewable Energy	Oil: Integrated
Cameco Corp	CCJ	New York Stock Exchange, Inc.	Mid Growth	Alternative Energy	Alternative energy
Canadian Natural Resources Ltd	CNQ	Toronto Stock Exchange	Large Value	Non-renewable Energy	Oil: Crude producers
Chevron Corp	CVX	New York Stock Exchange, Inc.	Large Blend	Non-renewable Energy	Oil: Integrated
China Petroleum & Chemical Corp	00386	Hong Kong Exchanges And Clearing Ltd	Large Value	Non-renewable Energy	Oil: Integrated
China Petroleum & Chemical Corp	SNP	New York Stock Exchange, Inc.	Large Value	Non-renewable Energy	Oil: Integrated
CNOOC Ltd	CEO	New York Stock Exchange, Inc.	Large Blend	Non-renewable Energy	Oil: Crude producers
Coal India Ltd	533278	BSE LTD	Large Value	Non-renewable Energy	Coal
Continental Resources Inc	CLR	New York Stock Exchange, Inc.	Mid Value	Non-renewable Energy	Oil: Crude producers
Cosan SA	CSAN3	B3 S.A. - Brasil, Bolsa, Balcão	Large Blend	Alternative Energy	Alternative energy
Energy Transfer LP	ET	New York Stock Exchange, Inc.	Mid Value	Non-renewable Energy	Gas pipeline
Exxon Mobil Corp	XOM	New York Stock Exchange, Inc.	Large Value	Non-renewable Energy	Oil: Integrated
Glencore PLC	GLEN	London Stock Exchange	Large Blend	Non-renewable Energy	Coal

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Hess Corp	HES	New York Stock Exchange, Inc.	Mid Blend	Non-renewable Energy	Oil: Integrated
Lamprell PLC	LAM	London Stock Exchange	Small Value	Energy Equipment & Services	Oil well equipment and services
National Oilwell Varco Inc	NOV	New York Stock Exchange, Inc.	Mid Value	Energy Equipment & Services	Oil well equipment and services
Natural Gas Services Group Inc	NGS	New York Stock Exchange, Inc.	Small Value	Energy Equipment & Services	Oil well equipment and services
Oil & Natural Gas Corp Ltd	500312	BSE LTD	Large Blend	Non-renewable Energy	Oil: Crude producers
ONEOK Inc	OKE	New York Stock Exchange, Inc.	Mid Value	Non-renewable Energy	Oil: Refining & marketing
Petrobras Distribuidora SA	BRDT3	B3 S.A. - Brasil, Bolsa, Balcão	Large Value	Non-renewable Energy	Oil: Refining & marketing
PetroChina Co Ltd	00857	Hong Kong Exchanges And Clearing Ltd	Large Blend	Non-renewable Energy	Oil: Integrated
PetroChina Co Ltd	PTR	New York Stock Exchange, Inc.	Large Blend	Non-renewable Energy	Oil: Integrated
Petroleo Brasileiro SA Petrobras	PETR3	B3 S.A. - Brasil, Bolsa, Balcão	Large Value	Non-renewable Energy	Oil: Integrated
Petroleo Brasileiro SA Petrobras	PETR4	B3 S.A. - Brasil, Bolsa, Balcão	Large Value	Non-renewable Energy	Oil: Integrated
Phillips 66	PSX	New York Stock Exchange, Inc.	Large Value	Non-renewable Energy	Oil: Refining & marketing
Reliance Industries Ltd	500325	BSE LTD	Large Blend	Non-renewable Energy	Oil: Refining & marketing
Royal Dutch Shell PLC	RDSA	London Stock Exchange	Large Blend	Non-renewable Energy	Oil: Integrated
SJVN Ltd	533206	BSE LTD	Mid Value	Alternative Energy	Alternative energy
Suncor Energy Inc	SU	Toronto Stock Exchange	Large Value	Non-renewable Energy	Oil: Integrated
Sunoco LP	SUN	New York Stock Exchange, Inc.	Small Blend	Non-renewable Energy	Oil: Refining & marketing
Torchlight Energy Resources Inc	TRCH	Nasdaq	Small Growth	Non-renewable Energy	Oil: Crude producers
Tullow Oil PLC	TLW	London Stock Exchange	Small Value	Non-renewable Energy	Oil: Crude producers
Ultrapar Participacoes SA	UGPA3	B3 S.A. - Brasil, Bolsa, Balcão	Large Blend	Non-renewable Energy	Oil: Refining & marketing

## FINANCIAL SERVICES

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Aflac Inc	AFL	New York Stock Exchange, Inc.	Large Value	Insurance	Insurance: Life
Allstate Corp	ALL	New York Stock Exchange, Inc.	Large Value	Insurance	Insurance: Property-casualty
American Express Co	AXP	New York Stock Exchange, Inc.	Large Blend	Consumer Finance & Credit Services	Financial data & systems
Artisan Partners Asset Management Inc	APAM	New York Stock Exchange, Inc.	Small Value	Investment Banking & Brokerage	Asset management & custodian
Aviva PLC	AV.	London Stock Exchange	Mid Value	Insurance	Insurance: Multi-line
Axis Bank Ltd	532215	BSE LTD	Large Blend	Banks	Banks: Diversified
B3 SA - Brasil Bolsa Balcão	B3SA3	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Investment Banking & Brokerage	Securities brokerage & services
Bajaj Finserv Ltd	532978	BSE LTD	Large Growth	Insurance	Insurance: Multi-line
Banco BTG Pactual S.A.	BPAC11	B3 S.A. - Brasil, Bolsa, Balcão	Not Available	Investment Banking & Brokerage	Diversified financial services
Banco do Brasil SA BB Brasil	BBAS3	B3 S.A. - Brasil, Bolsa, Balcão	Large Value	Banks	Banks: Diversified
Banco Santander (Brasil) SA	SANB11	B3 S.A. - Brasil, Bolsa, Balcão	Not Available	Banks	Banks: Diversified
Bank Bradesco SA	BBDC3	B3 S.A. - Brasil, Bolsa, Balcão	Large Value	Banks	Banks: Diversified
Bank Bradesco SA	BBDC4	B3 S.A. - Brasil, Bolsa, Balcão	Large Value	Banks	Banks: Diversified
Bank Of Ningbo Co Ltd	002142	Shenzhen Stock Exchange	Large Blend	Banks	Banks: Diversified
Bank of Nova Scotia	BNS	Toronto Stock Exchange	Large Value	Banks	Banks: Diversified
Bank OZK	OZK	Nasdaq	Small Blend	Banks	Banks: Diversified
Barclays PLC	BCS	New York Stock Exchange, Inc.	Large Value	Banks	Banks: Diversified
BB Seguridade Participacoes SA	BBSE3	B3 S.A. - Brasil, Bolsa, Balcão	Large Blend	Insurance	Insurance: Multi-line
Blackstone Group Inc	BX	New York Stock Exchange, Inc.	Large Blend	Investment Banking & Brokerage	Asset management & custodian
Boston Private Financial Holdings Inc	BPFH	Nasdaq	Small Value	Banks	Banks: Diversified

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
BR Malls Participacoes SA	BRML3	B3 S.A. - Brasil, Bolsa, Balcão	Mid Value	Real Estate	Real estate holding and development
Canadian Western Bank	CWB	Toronto Stock Exchange	Small Blend	Banks	Banks: Diversified
China Construction Bank Corp	00939	Hong Kong Exchanges And Clearing Ltd	Large Value	Banks	Banks: Diversified
China Finance Online Co Ltd	JRJC	Nasdaq	Not Available	Consumer Finance & Credit Services	Financial data & systems
China Vanke Co Ltd	02202	Hong Kong Exchanges And Clearing Ltd	Large Blend	Real Estate	Real estate holding and development
China Vanke Co Ltd	000002	Shenzhen Stock Exchange	Large Blend	Real Estate	Real estate holding and development
China World Trade Center Co Ltd	600007	Shanghai Stock Exchange	Mid Blend	Real Estate	Diversified real estate activities
Cielo SA	CIEL3	B3 S.A. - Brasil, Bolsa, Balcão	Mid Value	Consumer Finance & Credit Services	Financial data & systems
Citigroup Inc	C	New York Stock Exchange, Inc.	Large Value	Investment Banking & Brokerage	Diversified financial services
City of London Investment Group PLC	CLIG	London Stock Exchange	Small Value	Investment Banking & Brokerage	Asset management & custodian
Credit Suisse Group AG	CS	New York Stock Exchange, Inc.	Large Value	Investment Banking & Brokerage	Diversified financial services
Deutsche Bank AG	DB	New York Stock Exchange, Inc.	Large Value	Investment Banking & Brokerage	Diversified financial services
Digital Realty Trust Inc	DLR	New York Stock Exchange, Inc.	Large Blend	Real Estate Investment Trusts (REITs)	Equity REIT: Other Specialty
Discover Financial Services	DFS	New York Stock Exchange, Inc.	Mid Blend	Banks	Banks: Diversified
Experian PLC	EXPN	London Stock Exchange	Large Blend	Consumer Finance & Credit Services	Financial data & systems
Extra Space Storage Inc	EXR	New York Stock Exchange, Inc.	Mid Blend	Real Estate Investment Trusts (REITs)	Equity REIT: Other Specialty
Fair Isaac Corp	FICO	New York Stock Exchange, Inc.	Mid Growth	Consumer Finance & Credit Services	Financial data & systems
Fairfax Financial Holdings Ltd	FFH	Toronto Stock Exchange	Mid Blend	Insurance	Insurance: Property-casualty
Glacier Bancorp Inc	GBCI	Nasdaq	Small Blend	Banks	Banks: Diversified
Great Elm Capital Group Inc	GEC	Nasdaq	Small Blend	Investment Banking & Brokerage	Asset management & custodian

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Great-West Lifeco Inc	GWO	Toronto Stock Exchange	Large Value	Insurance	Insurance: Life
HDFC Bank Ltd	500180	BSE LTD	Large Growth	Banks	Banks: Diversified
Housing Development Finance Corp Ltd	500010	BSE LTD	Large Blend	Consumer Finance & Credit Services	Commercial finance & mortgage companies
HSBC Holdings PLC	HSBA	London Stock Exchange	Large Value	Banks	Banks: Diversified
ICICI Bank Ltd	532174	BSE LTD	Large Blend	Banks	Banks: Diversified
Intercontinental Exchange Inc	ICE	New York Stock Exchange, Inc.	Large Blend	Investment Banking & Brokerage	Securities brokerage & services
IRB Brasil Resseguros SA	IRBR3	B3 S.A. - Brasil, Bolsa, Balcão	Mid Growth	Insurance	Insurance: Multi-line
Iron Mountain Inc	IRM	New York Stock Exchange, Inc.	Mid Value	Real Estate Investment Trusts (REITs)	Equity REIT: Other Specialty
Itau Unibanco Holding SA	ITUB4	B3 S.A. - Brasil, Bolsa, Balcão	Large Value	Banks	Banks: Diversified
Itausa Investimentos ITAU SA	ITSA4	B3 S.A. - Brasil, Bolsa, Balcão	Large Value	Investment Banking & Brokerage	Diversified financial services
JPMorgan Chase & Co	JPM	New York Stock Exchange, Inc.	Large Value	Investment Banking & Brokerage	Diversified financial services
KeyCorp	KEY	New York Stock Exchange, Inc.	Mid Blend	Banks	Banks: Diversified
KKR & Co Inc	KKR	New York Stock Exchange, Inc.	Large Blend	Investment Banking & Brokerage	Asset management & custodian
Kotak Mahindra Bank Ltd	500247	BSE LTD	Large Growth	Investment Banking & Brokerage	Diversified financial services
Lazard Ltd	LAZ	New York Stock Exchange, Inc.	Small Value	Investment Banking & Brokerage	Diversified financial services
Legg Mason Inc	LM	New York Stock Exchange, Inc.	Mid Value	Investment Banking & Brokerage	Asset management & custodian
Lloyds Banking Group PLC	LLOY	London Stock Exchange	Large Value	Banks	Banks: Diversified
Loews Corp	L	New York Stock Exchange, Inc.	Mid Value	Insurance	Insurance: Multi-line
M&T Bank Corp	MTB	New York Stock Exchange, Inc.	Mid Value	Banks	Banks: Diversified
Mastercard Inc	MA	New York Stock Exchange, Inc.	Large Growth	Consumer Finance & Credit Services	Financial data & systems



COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Max Financial Services Ltd	500271	BSE LTD	Mid Blend	Insurance	Insurance: Life
MetLife Inc	MET	New York Stock Exchange, Inc.	Large Value	Insurance	Insurance: Multi-line
Moody's Corporation	MCO	New York Stock Exchange, Inc.	Large Growth	Consumer Finance & Credit Services	Financial data & systems
Mr. Cooper Group Inc	COOP	Nasdaq	Small Blend	Insurance	Insurance: Multi-line
Multiplan Empreendimentos Imobiliarios SA	MULT3	B3 S.A. - Brasil, Bolsa, Balcão	Mid Growth	Real Estate	Real estate holding and development
NatWest Group PLC	NWG	London Stock Exchange	Large Value	Banks	Banks: Diversified
Old National Bancorp	ONB	Nasdaq	Small Value	Banks	Banks: Diversified
Oppenheimer Holdings Inc	OPY	New York Stock Exchange, Inc.	Small Value	Investment Banking & Brokerage	Asset management & custodian
PayPal Holdings Inc	PYPL	Nasdaq	Large Growth	Consumer Finance & Credit Services	Financial data & systems
Physicians Realty Trust	DOC	New York Stock Exchange, Inc.	Small Blend	Real Estate Investment Trusts (REITs)	Equity REIT: Health Care
Ping An Insurance (Group) Co. of China Ltd	02318	Hong Kong Exchanges And Clearing Ltd	Large Value	Insurance	Insurance: Life
PNC Financial Services Group Inc	PNC	New York Stock Exchange, Inc.	Large Value	Banks	Banks: Diversified
Porto Seguro SA	PSSA3	B3 S.A. - Brasil, Bolsa, Balcão	Mid Blend	Insurance	Insurance: Multi-line
Prudential Financial Inc	PRU	New York Stock Exchange, Inc.	Large Value	Insurance	Insurance: Life
Public Storage	PSA	New York Stock Exchange, Inc.	Large Value	Real Estate Investment Trusts (REITs)	Equity REIT: Storage
REC Ltd	532955	BSE LTD	Mid Value	Consumer Finance & Credit Services	Commercial finance & mortgage companies
Regions Financial Corp	RF	New York Stock Exchange, Inc.	Mid Value	Banks	Banks: Diversified
Schroders PLC	SDR	London Stock Exchange	Mid Blend	Investment Banking & Brokerage	Asset management & custodian
SEI Investments Co	SEIC	Nasdaq	Mid Growth	Investment Banking & Brokerage	Asset management & custodian

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Standard Chartered PLC	STAN	London Stock Exchange	Large Blend	Banks	Banks: Diversified
State Bank of India	500112	BSE LTD	Large Value	Banks	Banks: Diversified
Sul America SA	SULA11	B3 S.A. - Brasil, Bolsa, Balcão	Not Available	Insurance	Insurance: Multi-line
SuRo Capital Corp	SSSS	Nasdaq	Small Growth	Investment Banking & Brokerage	Asset management & custodian
The GEO Group Inc	GEO	New York Stock Exchange, Inc.	Small Value	Real Estate Investment Trusts (REITs)	Equity REIT: Other Specialty
UBS Group AG	UBS	New York Stock Exchange, Inc.	Large Value	Investment Banking & Brokerage	Asset management & custodian
Visa Inc	V	New York Stock Exchange, Inc.	Large Growth	Consumer Finance & Credit Services	Financial data & systems
Wells Fargo & Co	WFC	New York Stock Exchange, Inc.	Large Value	Banks	Banks: Diversified
Westpac Banking Corp	WBK	New York Stock Exchange, Inc.	Large Value	Banks	Banks: Diversified
Yes Bank Ltd	532648	BSE LTD	Large Value	Banks	Banks: Diversified

## HEALTH CARE

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
AbbVie Inc	ABBV	New York Stock Exchange, Inc.	Large Value	Pharmaceuticals & Biotech	Pharmaceuticals
Acadia Healthcare Co Inc	ACHC	Nasdaq	Small Value	Health Care Services	Health care services
Amgen Inc	AMGN	Nasdaq	Large Value	Pharmaceuticals & Biotech	Biotechnology
AMN Healthcare Services Inc	AMN	New York Stock Exchange, Inc.	Small Growth	Health Care Services	Health care services
AstraZeneca PLC	AZN	London Stock Exchange	Large Blend	Pharmaceuticals & Biotech	Pharmaceuticals
Aurobindo Pharma Ltd	524804	BSE LTD	Large Blend	Pharmaceuticals & Biotech	Pharmaceuticals
Aurora Cannabis Inc	ACB	Toronto Stock Exchange	Small Growth	Pharmaceuticals & Biotech	Pharmaceuticals
Baxter International Inc	BAX	New York Stock Exchange, Inc.	Large Blend	Medical Equipment And Services	Medical equipment
Bristol-Myers Squibb Company	BMJ	New York Stock Exchange, Inc.	Large Value	Pharmaceuticals & Biotech	Pharmaceuticals
Cancer Genetics Inc	CGIX	Nasdaq	Small Value	Pharmaceuticals & Biotech	Biotechnology
Cardiovascular Systems Inc	CSII	Nasdaq	Small Growth	Medical Equipment And Services	Medical & dental instruments & supplies
Catalyst Pharmaceuticals Inc	CPRX	Nasdaq	Small Growth	Pharmaceuticals & Biotech	Biotechnology
Celgene Corp	CELG	Nasdaq	Large Blend	Pharmaceuticals & Biotech	Biotechnology
Centene Corp	CNC	New York Stock Exchange, Inc.	Large Blend	Health Care Services	Health care management services
Cipla Ltd	500087	BSE LTD	Large Blend	Pharmaceuticals & Biotech	Pharmaceuticals
Dr Reddy's Laboratories Ltd	500124	BSE LTD	Large Blend	Pharmaceuticals & Biotech	Pharmaceuticals
Endo International PLC	ENDP	Nasdaq	Small Value	Pharmaceuticals & Biotech	Pharmaceuticals
Gilead Sciences Inc	GILD	Nasdaq	Large Value	Pharmaceuticals & Biotech	Pharmaceuticals
GlaxoSmithKline PLC	GSK	New York Stock Exchange, Inc.	Large Value	Pharmaceuticals & Biotech	Pharmaceuticals
Globus Medical Inc	GMED	New York Stock Exchange, Inc.	Mid Growth	Medical Equipment And Services	Medical & dental instruments & supplies

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB- SECTOR	RUSSELL INDUSTRY
Granules India Ltd	532482	BSE LTD	Mid Growth	Pharmaceuticals & Biotech	Pharmaceuticals
Harvard Bioscience Inc	HBIO	Nasdaq	Small Value	Pharmaceuticals & Biotech	Biotechnology
Hypera SA	HYPE3	B3 S.A. - Brasil, Bolsa, Balcão	Large Blend	Pharmaceuticals & Biotech	Pharmaceuticals
Illumina Inc	ILMN	Nasdaq	Large Growth	Medical Equipment And Services	Medical equipment
Jiangsu Hengrui Medicine Co Ltd	600276	Shanghai Stock Exchange	Large Growth	Pharmaceuticals & Biotech	Pharmaceuticals
Johnson & Johnson	JNJ	New York Stock Exchange, Inc.	Large Value	Pharmaceuticals & Biotech	Pharmaceuticals
Mediclinic International PLC	MDC	London Stock Exchange	Small Value	Health Care Services	Health care facilities
Merck & Co Inc	MRK	New York Stock Exchange, Inc.	Large Value	Pharmaceuticals & Biotech	Pharmaceuticals
Myriad Genetics Inc	MYGN	Nasdaq	Small Value	Pharmaceuticals & Biotech	Biotechnology
Notre Dame Intermedica Participacoes SA	GNDI3	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Health Care Services	Health care facilities
Novartis AG	NVS	New York Stock Exchange, Inc.	Large Value	Pharmaceuticals & Biotech	Pharmaceuticals
Pfizer Inc	PFE	New York Stock Exchange, Inc.	Large Value	Pharmaceuticals & Biotech	Pharmaceuticals
Piramal Enterprises Ltd	500302	BSE LTD	Mid Blend	Pharmaceuticals & Biotech	Pharmaceuticals
Prestige Consumer Healthcare Inc	PBH	New York Stock Exchange, Inc.	Small Value	Pharmaceuticals & Biotech	Pharmaceuticals
Regeneron Pharmaceuticals Inc	REGN	Nasdaq	Large Growth	Pharmaceuticals & Biotech	Biotechnology
Shenzhen Mindray Bio-Medical Electronics Co Ltd	300760	Shenzhen Stock Exchange	Large Growth	Medical Equipment And Services	Medical equipment
Smith & Nephew PLC	SN.	London Stock Exchange	Large Blend	Medical Equipment And Services	Medical & dental instruments & supplies
Sun Pharmaceuticals Industries Ltd	524715	BSE LTD	Large Blend	Pharmaceuticals & Biotech	Pharmaceuticals
Takeda Pharmaceutical Co Ltd	TAK	New York Stock Exchange, Inc.	Large Blend	Pharmaceuticals & Biotech	Pharmaceuticals
Teva Pharmaceutical Industries Ltd	TEVA	New York Stock Exchange, Inc.	Mid Value	Pharmaceuticals & Biotech	Pharmaceuticals
Tivity Health Inc	TVTY	Nasdaq	Small Growth	Health Care Services	Health care services

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB- SECTOR	RUSSELL INDUSTRY
UnitedHealth Group Inc	UNH	New York Stock Exchange, Inc.	Large Blend	Health Care Services	Health care management services
Zogenix Inc	ZGNX	Nasdaq	Small Growth	Pharmaceuticals & Biotech	Pharmaceuticals

## MATERIALS & PROCESSING

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Air Products & Chemicals Inc	APD	New York Stock Exchange, Inc.	Large Blend	Chemical & Synthetics	Chemicals: Specialty
AK Steel Holding Corp	AKS	New York Stock Exchange, Inc.	Small Value	Metals & Minerals	Steel
Aluminum Corporation of China Ltd	ACH	New York Stock Exchange, Inc.	Large Blend	Metals & Minerals	Aluminum
Anhui Conch Cement Co Ltd	00914	Hong Kong Exchanges And Clearing Ltd	Large Blend	Building Materials	Cement
Anhui Conch Cement Co Ltd	600585	Shanghai Stock Exchange	Large Blend	Building Materials	Cement
Ashland Global Holdings Inc	ASH	New York Stock Exchange, Inc.	Mid Blend	Chemical & Synthetics	Chemicals: Diversified
Asian Paints Ltd	500820	BSE LTD	Large Growth	Industrial Materials & Processes	Paints and coatings
Atul Ltd	500027	BSE LTD	Mid Growth	Chemical & Synthetics	Chemicals: Diversified
Beacon Roofing Supply Inc	BECN	Nasdaq	Small Value	Building Materials	Building: Roofing, wallboard & plumbing
Berger Paints India Ltd	509480	BSE LTD	Large Growth	Industrial Materials & Processes	Paints and coatings
BHP Group PLC	BHP	London Stock Exchange	Large Value	Metals & Minerals	Metals and minerals: Diversified
Braskem SA	BRKM5	B3 S.A. - Brasil, Bolsa, Balcão	Mid Value	Chemical & Synthetics	Chemicals: Specialty
Carclo PLC	CAR	London Stock Exchange	Small Value	Industrial Materials & Processes	Plastics

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
China Natural Resources Inc	CHNR	Nasdaq	Not Available	Metals & Minerals	Metals and minerals: Diversified
Clearwater Paper Corp	CLW	New York Stock Exchange, Inc.	Small Value	Industrial Materials & Processes	Paper
Companhia Siderurgica Nacional	CSNA3	B3 S.A. - Brasil, Bolsa, Balcão	Mid Growth	Metals & Minerals	Steel
Eastman Chemical Co	EMN	New York Stock Exchange, Inc.	Mid Value	Chemical & Synthetics	Chemicals: Diversified
Ferguson PLC	FERG	London Stock Exchange	Mid Value	Building Materials	Building: Climate control
FMC Corp	FMC	New York Stock Exchange, Inc.	Mid Blend	Chemical & Synthetics	Fertilizers
Freeport-McMoRan Inc	FCX	New York Stock Exchange, Inc.	Mid Blend	Metals & Minerals	Copper
Fuwei Films (Holdings) Co Ltd	FFHL	Nasdaq	Small Value	Industrial Materials & Processes	Diversified materials and processing
Gerdau SA	GGBR4	B3 S.A. - Brasil, Bolsa, Balcão	Large Value	Metals & Minerals	Steel
Gibraltar Industries Inc	ROCK	Nasdaq	Small Growth	Building Materials	Building materials
Hindalco Industries Ltd	500440	BSE LTD	Large Value	Metals & Minerals	Metals and minerals: Diversified
Innospec Inc	IOSP	Nasdaq	Small Growth	Chemical & Synthetics	Chemicals: Specialty
Johnson Matthey PLC	JMAT	London Stock Exchange	Mid Value	Chemical & Synthetics	Chemicals: Diversified
Kaiser Aluminum Corp	KALU	Nasdaq	Small Blend	Metals & Minerals	Aluminum
Kirkland Lake Gold Ltd	KL	Toronto Stock Exchange	Large Blend	Metals & Minerals	Gold
Klabin SA	KLBN11	B3 S.A. - Brasil, Bolsa, Balcão	Not Available	Industrial Materials & Processes	Paper
MelodyVR Group PLC	MVR	London Stock Exchange	Small Growth	Metals & Minerals	Steel
Mondi PLC	MNDI	London Stock Exchange	Mid Value	Industrial Materials & Processes	Paper
Neenah Inc	NP	New York Stock Exchange, Inc.	Small Blend	Industrial Materials & Processes	Diversified materials and processing
Northern Technologies International Corp	NTIC	Nasdaq	Small Growth	Chemical & Synthetics	Chemicals: Specialty



COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
POSCO	PKX	New York Stock Exchange, Inc.	Large Value	Metals & Minerals	Steel
Quaker Chemical Corp	KWR	New York Stock Exchange, Inc.	Small Growth	Chemical & Synthetics	Chemicals: Specialty
RBC Bearings Inc	ROLL	Nasdaq	Small Growth	Metals & Minerals	Metal fabricating
Rio Tinto PLC	RIO	London Stock Exchange	Large Value	Metals & Minerals	Metals and minerals: Diversified
Rio Tinto PLC	RIO	New York Stock Exchange, Inc.	Large Value	Metals & Minerals	Metals and minerals: Diversified
Royal Gold Inc	RGLD	Nasdaq	Mid Blend	Metals & Minerals	Gold
SSR Mining Inc	SSRM	Nasdaq	Mid Blend	Metals & Minerals	Precious metals and minerals
Suzano SA	SUZB3	B3 S.A. - Brasil, Bolsa, Balcão	Large Blend	Industrial Materials & Processes	Paper
Tata Steel Ltd	500470	BSE LTD	Large Blend	Metals & Minerals	Steel
UltraTech Cement Ltd	532538	BSE LTD	Large Blend	Building Materials	Cement
United States Steel Corp	X	New York Stock Exchange, Inc.	Small Value	Metals & Minerals	Steel
Vale SA	VALE3	B3 S.A. - Brasil, Bolsa, Balcão	Large Blend	Metals & Minerals	Metals and minerals: Diversified
Vedanta Ltd	500295	BSE LTD	Large Value	Metals & Minerals	Metals and minerals: Diversified

## PRODUCER DURABLES

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Air Canada	AC	Toronto Stock Exchange	Not Available	Transportation & Freight	Air transport
American Airlines Group Inc	AAL	Nasdaq	Mid Value	Transportation & Freight	Air transport
ArcBest Corp	ARCB	Nasdaq	Small Blend	Transportation & Freight	Truckers

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
ASGN Inc	ASGN	New York Stock Exchange, Inc.	Small Blend	Commercial Services	Back office support, HR & consulting
Ashley House PLC	ASH	London Stock Exchange	Small Value	Manufacturing & Production	Construction
Bharat Heavy Electricals Ltd	500103	BSE LTD	Mid Blend	Manufacturing & Production	Power transmission equipment
Boeing Co	BA	New York Stock Exchange, Inc.	Large Value	Transportation & Freight	Aerospace
Bombardier Inc	BBD.B	Toronto Stock Exchange	Small Value	Transportation & Freight	Aerospace
Bunzl PLC	BNZL	London Stock Exchange	Mid Growth	Manufacturing & Production	Diversified manufacturing operations
Cargojet Inc	CJT	Toronto Stock Exchange	Small Growth	Transportation & Freight	Air transport
CCR SA	CCRO3	B3 S.A. - Brasil, Bolsa, Balcão	Large Blend	Transportation & Freight	Transportation miscellaneous
China Eastern Airlines Corp Ltd	CEA	New York Stock Exchange, Inc.	Large Value	Transportation & Freight	Air transport
China Southern Airlines Co Ltd	ZNH	New York Stock Exchange, Inc.	Large Value	Transportation & Freight	Air transport
China State Construction International Holdings Ltd	03311	Hong Kong Exchanges And Clearing Ltd	Mid Value	Manufacturing & Production	Construction
China Yuchai International Ltd	CYD	New York Stock Exchange, Inc.	Small Value	Machinery	Machinery: Engines
CITIC Ltd	00267	Hong Kong Exchanges And Clearing Ltd	Large Value	Manufacturing & Production	Diversified manufacturing operations
Delta Air Lines Inc	DAL	New York Stock Exchange, Inc.	Mid Value	Transportation & Freight	Air transport
Douglas Dynamics Inc	PLOW	New York Stock Exchange, Inc.	Small Growth	Machinery	Machinery: Construction and handling
easyJet PLC	EZJ	London Stock Exchange	Mid Value	Transportation & Freight	Air transport
eClerx Services Ltd	532927	BSE LTD	Small Value	Commercial Services	Back office support, HR & consulting
Embraer SA	EMBR3	B3 S.A. - Brasil, Bolsa, Balcão	Mid Blend	Transportation & Freight	Aerospace
FTI Consulting Inc	FCN	New York Stock Exchange, Inc.	Mid Growth	Commercial Services	Back office support, HR & consulting

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Guangshen Railway Co Ltd	GSH	New York Stock Exchange, Inc.	Mid Value	Transportation & Freight	Railroads
Heartland Express Inc	HTLD	Nasdaq	Small Blend	Transportation & Freight	Truckers
JetBlue Airways Corp	JBLU	Nasdaq	Small Blend	Transportation & Freight	Air transport
Kansas City Southern	KSU	New York Stock Exchange, Inc.	Mid Growth	Transportation & Freight	Railroads
Larsen & Toubro Ltd	500510	BSE LTD	Large Blend	Commercial Services	Engineering and contracting services
Lockheed Martin Corp	LMT	New York Stock Exchange, Inc.	Large Blend	Transportation & Freight	Aerospace
Navigant Consulting Inc	NCI	New York Stock Exchange, Inc.	Small Blend	Commercial Services	Back office support, HR & consulting
PACCAR Inc	PCAR	Nasdaq	Large Blend	Transportation & Freight	Commercial vehicles and parts
Rolls-Royce Holdings PLC	RR.	London Stock Exchange	Mid Value	Transportation & Freight	Aerospace
Rumo SA	RAIL3	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Transportation & Freight	Transportation miscellaneous
Shanghai International Airport Co Ltd	600009	Shanghai Stock Exchange	Large Growth	Transportation & Freight	Air transport
SkyWest Inc	SKYW	Nasdaq	Small Value	Transportation & Freight	Air transport
Smiths Group PLC	SMIN	London Stock Exchange	Mid Value	Manufacturing & Production	Diversified manufacturing operations
Snap-on Inc	SNA	New York Stock Exchange, Inc.	Mid Value	Machinery	Machinery: Tools
Southwest Airlines Co	LUV	New York Stock Exchange, Inc.	Mid Value	Transportation & Freight	Air transport
Spirit Airlines Inc	SAVE	New York Stock Exchange, Inc.	Small Blend	Transportation & Freight	Air transport
The Middleby Corp	MIDD	Nasdaq	Mid Blend	Machinery	Machinery: Industrial
The Shyft Group Inc	SHYF	Nasdaq	Small Growth	Transportation & Freight	Commercial vehicles and parts
Titan International Inc	TWI	New York Stock Exchange, Inc.	Small Value	Machinery	Machinery: Agricultural
Verisk Analytics Inc	VRSK	Nasdaq	Large Blend	Commercial Services	Back office support, HR & consulting
Wabash National Corp	WNC	New York Stock Exchange, Inc.	Small Value	Transportation & Freight	Commercial vehicles and parts

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COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Weg SA	WEGE3	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Machinery	Machinery: Industrial
ZTO Express (Cayman) Inc	ZTO	New York Stock Exchange, Inc.	Not Available	Transportation & Freight	Air transport

## TECHNOLOGY

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Adobe Inc	ADBE	Nasdaq	Large Growth	Information Technology	Computer services software and systems
Alibaba Group Holding Ltd	BABA	New York Stock Exchange, Inc.	Large Growth	Information Technology	Computer services software and systems
Alphabet Inc	GOOG	Nasdaq	Large Growth	Information Technology	Computer services software and systems
Altaba Inc	AABA	Nasdaq	Mid Growth	Information Technology	Computer services software and systems
Apple Inc	AAPL	Nasdaq	Large Blend	Information Technology	Computer technology
Arista Networks Inc	ANET	New York Stock Exchange, Inc.	Mid Growth	Information Technology	Computer services software and systems
Astra Microwave Products Ltd	532493	BSE LTD	Small Blend	Telecommunication	Telecommunications equipment
Baidu Inc	BIDU	Nasdaq	Not Available	Information Technology	Computer services software and systems
Benefitfocus Inc	BNFT	Nasdaq	Small Growth	Information Technology	Computer services software and systems
Cognizant Technology Solutions Corp	CTSH	Nasdaq	Large Blend	Information Technology	Computer services software and systems
Constellation Software Inc	CSU	Toronto Stock Exchange	Large Growth	Information Technology	Computer services software and systems
discoverIE Group PLC	DSCV	London Stock Exchange	Small Growth	Electronics	Electronics
DXC Technology Co	DXC	New York Stock Exchange, Inc.	Mid Value	Information Technology	Computer services software and systems
Enghouse Systems Ltd	ENGH	Toronto Stock Exchange	Mid Growth	Information Technology	Computer services software and systems

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Facebook Inc	FB	Nasdaq	Large Growth	Information Technology	Computer services software and systems
Foxconn Industrial Internet Co Ltd	601138	Shanghai Stock Exchange	Large Value	Telecommunication	Telecommunications equipment
Groupon Inc	GRPN	Nasdaq	Small Value	Information Technology	Computer services software and systems
Hangzhou Hik-Vision Digital Technology Co Ltd	002415	Shenzhen Stock Exchange	Large Blend	Electronics	Electronic components
HCL Technologies Ltd	532281	BSE LTD	Large Blend	Information Technology	Computer services software and systems
Hexaware Technologies Ltd	532129	BSE LTD	Mid Growth	Information Technology	Computer services software and systems
Infosys Ltd	500209	BSE LTD	Large Blend	Information Technology	Computer services software and systems
Just Dial Ltd	535648	BSE LTD	Small Growth	Information Technology	Computer services software and systems
Manhattan Associates Inc	MANH	Nasdaq	Mid Blend	Information Technology	Computer services software and systems
Meituan Dianping	03690	Hong Kong Exchanges And Clearing Ltd	Not Available	Information Technology	Computer services software and systems
Micro Focus International PLC	MCRO	London Stock Exchange	Small Value	Information Technology	Computer services software and systems
Microsoft Corp	MSFT	Nasdaq	Large Growth	Information Technology	Computer services software and systems
MindTree Ltd	532819	BSE LTD	Mid Blend	Information Technology	Computer services software and systems
NetEase Inc	NTES	Nasdaq	Large Growth	Information Technology	Computer services software and systems
NIIT Ltd	500304	BSE LTD	Small Blend	Information Technology	Computer services software and systems
NXP Semiconductors NV	NXPI	Nasdaq	Large Blend	Electronics	Semiconductors and components
Oracle Corp	ORCL	New York Stock Exchange, Inc.	Large Value	Information Technology	Computer services software and systems
Sage Group (The) PLC	SGE	London Stock Exchange	Mid Blend	Information Technology	Computer services software and systems
Shopify Inc	SHOP	Toronto Stock Exchange	Large Growth	Information Technology	Computer services software and systems
SINA Corp	SINA	Nasdaq	Mid Value	Information Technology	Computer services software and systems
Slack Technologies Inc	WORK	New York Stock Exchange, Inc.	Not Available	Information Technology	Computer services software and systems



COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
Sohu.com Ltd	SOHU	Nasdaq	Not Available	Information Technology	Computer services software and systems
Tata Consultancy Services Ltd	532540	BSE LTD	Large Blend	Information Technology	Computer services software and systems
Tech Mahindra Ltd	532755	BSE LTD	Large Blend	Information Technology	Computer services software and systems
Tencent Holdings Ltd	00700	Hong Kong Exchanges And Clearing Ltd	Large Growth	Information Technology	Computer services software and systems
The9 Ltd	NCTY	Nasdaq	Not Available	Information Technology	Electronic entertainment
Twitter Inc	TWTR	New York Stock Exchange, Inc.	Mid Growth	Information Technology	Computer services software and systems
UTStarcom Holdings Corp	UTSI	Nasdaq	Small Value	Telecommunication	Telecommunications equipment
Wipro Ltd	507685	BSE LTD	Large Blend	Information Technology	Computer services software and systems
Zynga Inc	ZNGA	Nasdaq	Mid Growth	Information Technology	Electronic entertainment

## UTILITIES

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
American Electric Power Co Inc	AEP	New York Stock Exchange, Inc.	Large Value	Utilities	Utilities: Electrical
American Water Works Co Inc	AWK	New York Stock Exchange, Inc.	Mid Blend	Utilities	Utilities: Water
AT&T Inc	T	New York Stock Exchange, Inc.	Large Value	Utilities	Utilities: Telecommunications
BCE Inc	BCE	Toronto Stock Exchange	Large Blend	Utilities	Utilities: Telecommunications
Bharti Airtel Ltd	532454	BSE LTD	Large Value	Utilities	Utilities: Telecommunications
BT Group PLC	BT.A	London Stock Exchange	Mid Value	Utilities	Utilities: Telecommunications
Canadian Utilities Ltd	CU	Toronto Stock Exchange	Mid Blend	Utilities	Utilities: Miscellaneous
Centrais Eletricas Brasileiras SA	ELET3	B3 S.A. - Brasil, Bolsa, Balcão	Large Value	Utilities	Utilities: Electrical
Centrais Eletricas Brasileiras SA	ELET6	B3 S.A. - Brasil, Bolsa, Balcão	Large Value	Utilities	Utilities: Electrical

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
China Gas Holdings Ltd	00384	Hong Kong Exchanges And Clearing Ltd	Large Blend	Utilities	Utilities: Gas distributors
China Mobile Ltd	00941	Hong Kong Exchanges And Clearing Ltd	Large Value	Utilities	Utilities: Telecommunications
China Mobile Ltd	CHL	New York Stock Exchange, Inc.	Large Value	Utilities	Utilities: Telecommunications
China Telecom Corp Ltd	CHA	New York Stock Exchange, Inc.	Large Value	Utilities	Utilities: Telecommunications
China Unicom (Hong Kong) Ltd	CHU	New York Stock Exchange, Inc.	Large Value	Utilities	Utilities: Telecommunications
China Yangtze Power Co Ltd	600900	Shanghai Stock Exchange	Large Value	Utilities	Utilities: Electrical
Companhia De Saneamento Basico Do Estado De Sao Paulo	SBSP3	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Utilities	Utilities: Water
Dominion Energy Inc	D	New York Stock Exchange, Inc.	Large Value	Utilities	Utilities: Electrical
Energisa SA	ENGI11	B3 S.A. - Brasil, Bolsa, Balcão	Not Available	Utilities	Utilities: Electrical
Energy Company of Minas Gerais	CMIG4	B3 S.A. - Brasil, Bolsa, Balcão	Mid Value	Utilities	Utilities: Electrical
ENGIE Brasil Energia SA	EGIE3	B3 S.A. - Brasil, Bolsa, Balcão	Large Blend	Utilities	Utilities: Electrical
Equatorial Energia SA	EQTL3	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Utilities	Utilities: Electrical
Essential Utilities Inc	WTRG	New York Stock Exchange, Inc.	Mid Blend	Utilities	Utilities: Water
FirstEnergy Corp	FE	New York Stock Exchange, Inc.	Mid Value	Utilities	Utilities: Electrical
GAIL (India) Ltd	532155	BSE LTD	Large Value	Utilities	Utilities: Gas distributors
Gogo Inc	GOGO	Nasdaq	Small Blend	Utilities	Utilities: Telecommunications
GTT Communications Inc	GTT	New York Stock Exchange, Inc.	Small Blend	Utilities	Utilities: Telecommunications
Gujarat Industries Power Co Ltd	517300	BSE LTD	Small Value	Utilities	Utilities: Electrical
Huaneng Power International Inc	HNP	New York Stock Exchange, Inc.	Large Value	Utilities	Utilities: Electrical
Mahanagar Telephone Nigam Ltd	500108	BSE LTD	Small Value	Utilities	Utilities: Telecommunications
Middlesex Water Co	MSEX	Nasdaq	Small Blend	Utilities	Utilities: Water

COMPANY NAME	TICKER	EXCHANGE	EQUITY STYLE	RUSSELL SUB-SECTOR	RUSSELL INDUSTRY
National Fuel Gas Co	NFG	New York Stock Exchange, Inc.	Small Value	Utilities	Utilities: Gas distributors
NTPC Ltd	532555	BSE LTD	Large Value	Utilities	Utilities: Electrical
PG&E Corp	PCG	New York Stock Exchange, Inc.	Mid Value	Utilities	Utilities: Electrical
Power Grid Corp Of India Ltd	532898	BSE LTD	Large Value	Utilities	Utilities: Electrical
Sempra Energy	SRE	New York Stock Exchange, Inc.	Large Value	Utilities	Utilities: Miscellaneous
Severn Trent PLC	SVT	London Stock Exchange	Mid Value	Utilities	Utilities: Water
SJW Group	SJW	New York Stock Exchange, Inc.	Small Blend	Utilities	Utilities: Water
Southern Co	SO	New York Stock Exchange, Inc.	Large Value	Utilities	Utilities: Electrical
Sprint Corp	S	New York Stock Exchange, Inc.	Large Value	Utilities	Utilities: Telecommunications
SSE PLC	SSE	London Stock Exchange	Large Value	Utilities	Utilities: Electrical
Tata Power Co Ltd	500400	BSE LTD	Mid Value	Utilities	Utilities: Electrical
Telefonica Brasil SA	VIVT4	B3 S.A. - Brasil, Bolsa, Balcão	Large Value	Utilities	Utilities: Telecommunications
The York Water Co	YORW	Nasdaq	Small Blend	Utilities	Utilities: Water
Tim Participacoes SA	TIMP3	B3 S.A. - Brasil, Bolsa, Balcão	Large Growth	Utilities	Utilities: Telecommunications
UGI Corp	UGI	New York Stock Exchange, Inc.	Mid Value	Utilities	Utilities: Gas distributors
United Utilities Group PLC	UU.	London Stock Exchange	Mid Value	Utilities	Utilities: Water
Verizon Communications Inc	VZ	New York Stock Exchange, Inc.	Large Value	Utilities	Utilities: Telecommunications
Vodafone Group PLC	VOD	London Stock Exchange	Large Value	Utilities	Utilities: Telecommunications
Vodafone Group PLC	VOD	Nasdaq	Large Value	Utilities	Utilities: Telecommunications